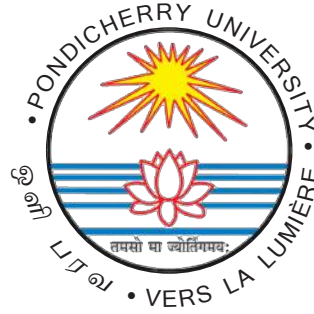




# PROSPECTUS 2015-16

## PONDICHERY UNIVERSITY (A Central University)





# PONDICHERY UNIVERSITY

(A Central University established by an Act of Parliament No. 53 of 1985)

ACCREDITED WITH "A" GRADE BY NAAC

# PROSPECTUS

# 2015 -16





## From the Vice-Chancellor's Desk

At the outset, I would like to extend my hearty welcome to all those who are seeking admission to the various Integrated PG programmes, PG and Ph.D programmes and also inter-disciplinary Post Doctoral Research Programmes of Pondicherry University.

The Pondicherry University, since its inception in 1985, continues to be a leading University situated in deep southern part of the country and focused on both quality teaching and original research of high standards in a wide range of disciplines. Apart from doing research in frontier areas of their field of specializations, the faculty members of the University take special efforts to impart academic training on par with premier academic institutions of the country at UG, PG and Ph.D levels. The faculty of the University include several academics of national and international repute.

The University has been reaccredited with 'A' Grade by NAAC with students' friendly learning environment, good infrastructure, modern amenities, excellent teaching and non teaching fraternity. The University has three campuses. The Main Campus is located at Puducherry with 800-acres of lush-green Wi-Fi-enabled area, housing 15 Schools, 37 Departments, 10 Centres and 2 Chairs and other two smaller Campuses are located at Port Blair and Karaikal (about 150 kms. from Puducherry) offering over 153 PG & Research programmes.

The University has a sprawling scenic and serene campus with an inspiring, peaceful and congenial environment. The campus life is extremely friendly and entirely self-contained with essential markets, Hospital,

Bank, Post Office, sports facilities, etc. The University has 89 affiliated colleges, offering Under Graduate and Post Graduate courses in the Faculties of Arts, Science, Commerce, Engineering, Fine Arts, Law, Management, Medicine and Technology. A new school of Law has been started in the academic year 2014-15 and this School proposes to launch additional new programs this year.

The Pondicherry University is the first University in the country to start a Community College to cater to the needs and demands of the local community to enhance their employability. The college offers several job oriented courses including para medical courses with hands on training by expert medical team at hospitals. Selected students of Community College have been awarded financial support by U.S. Government to get trained at Community Colleges in U.S. for one year. The University has started one more community College at Mahe, in the academic year 2014-15 for the benefit of the local population of that region. The University runs 28 Diploma/Certificate Add-On course in the evenings so that regular students and outside members can attend these courses to acquire additional knowledge and skill that would enhance their job prospects.

The University has taken a lead in implementing modern technology based ICT-enabled services and their applications in academic, research and administrative functions of the University. It has successfully conducted for the first time paperless online based entrance examination at Centres all over the country in the academic year 2014-15 and would continue with this efficient, state of art on line mode of entrance examination for this academic year and the

ensuing years. Innovative facilities like on-line Video Conferencing (A-View) are being used to facilitate quick interaction with Principals of the affiliated colleges from length and breadth of Puducherry regions, including even remote Andaman & Nicobar Islands.

On the distance education front, the Directorate of Distance Education of the University has initiated a pioneering project of e-mode of learning through tie-up with expert online service providers. This new system provides easy availability of course material in the form of e-resources transmitted to students by quick, cost effective, online methods. Further, proposed live and interactive discussion between instructors and students would be made possible by video conferencing methods. The Directorate plans to reach several thousands of students from remote and rural areas of the country through this e-mode of education.

The Centre for Electronic Media established in 2008. The Centre made more than 700 in-house productions with its qualified and experience staff and the state of art studios and modern sophisticated broadcasting equipments. The centre won many national level awards, trophies and cash prizes since its inception every year without fail. In February 2015, Pondicherry University signed a memorandum of Understanding (MoU) with UGC and Consortium for Educational Communication (CEC) to establish an Educational Multimedia Research Centre (EMMRC) to make e-Educational Programmes.

The UGC Academic Staff College of the University has been upgraded as Human Resource Development Centre. The University has also a Community Radio (Puduvai Vaani) in its headquarters. The University provides excellent sports facilities including gymnasium for men and women. Also, the UGC has sanctioned Rs.1.25 Crores for Indoor Stadium facilities and Indoor Training facilities. to develop infrastructure facilities

for Sports & Games in the field of Physical Education, The Placement Cell arranges for Campus Interview for students of the University Campus and for the students of affiliated Colleges also.

The University takes pride in maintaining a pleasant and peaceful academic ambience in the University campus and has zero tolerance for Ragging, Alcohol or Drug usage. Adequate security is provided in all parts of the campus by a day-and-night vigil. A 24-hour hospital with fully equipped Ambulance is available on the campus. The University has impressive academic infrastructure such as well-equipped laboratories. The University Library has more than 2 lakh books, remote access to over 35,000 e-resources including 24,000 Journals.

The campus has 20 hostels (13 for Boys, 6 for Girls and 1 for Foreign Students), state-of-the-art laboratories, free transport-on-and-off campus and excellent sports facilities. It offers rent-free accommodation to all girl students, provides totally-free education to all the differently-abled students. The wi-fi enabled campus has 100% power back-up to all the Departments and Hostels of the University. With multi faceted growth on several fronts and academic expansion in terms new disciplines and projects, the University is moving fast towards its goal of excellence and is the desired destination of youths from all over the country for higher education.

I am sure with this excellent environment most suited for higher learning and academic pursuits in all branches including Physical education, the Pondicherry University would attract great number of knowledge seekers as students and experts from the country and abroad, making it one of the topmost academic institutions both at the national and international level.

**PROF. (MRS.) CHANDRA KRISHNAMURTHY**  
VICE-CHANCELLOR

VISITOR	<b>Shri. PRANAB MUKHERJEE</b> His Excellency, the President of India
CHANCELLOR	<b>Shri. Mohammad Hamid Ansari</b> Hon'ble Vice - President of India
CHIEF RECTOR	<b>Lt. General Ajay Kumar Singh</b> His Excellency, the Lt. Governor of Puducherry
VICE-CHANCELLOR	<b>Prof. (Mrs.) CHANDRA KRISHNAMURTHY</b>

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Director of Studies, Educational Innovation and Rural Reconstruction (i/c)  
**Prof. V. INDUMATHI**

Registrar(i/c)  
**Prof. S. PANNIRSELVAME**

Finance Officer(i/c)  
**Shri. K. CHANDRAMOORTHY**

Controller of Examinations  
**Dr. J. SAMPATH**

Librarian  
**Dr. R. SAMYUKTHA**

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Director (Research):

**DEANS OF SCHOOLS**

School of Law: Prof.(Mrs.). CHANDRA KRISHNAMURTHY

School of Medical Sciences (i/c) : Dr. S. MAHADEVAN

Subramania Bharathi School of Tamil Language & Literature: Prof. K. ILAMATHY JANAKIRAMAN

School of Performing Arts: Prof. K.A. GUNASEKARAN

School of Social Sciences & International Studies: Prof. N.K. JHA

Madanjeet School of Green Energy Technologies(i/c): Prof. K. ANBALAGAN

Ramanujan School of Mathematical Sciences: Prof. V. INDUMATHI

School of Life Sciences: Prof.(Mrs.) ANISA BASHEER KHAN

School of Humanities: Prof. S. PANNIRSELVAME

School of Physical, Chemical & Applied Sciences: Prof. N. SATYANARAYANA

School of Engg. & Technology: Prof. R. SUBRAMANIAN

School of Education: Prof. (Mrs.) M. S. LALITHAMMA

School of Management: Prof. R. PRABHAKARA RAYA

School of Media & Communication: Prof. C.K. RAMAIAH

## SCHOOLS, DEPARTMENTS/ CENTRES &amp; RESPECTIVE HEADS

<b>Subramania Bharathi School of Tamil Language &amp; Literature</b>	Dr. Ilamathy Janakiraman	Escande Chair in Asian Christian Studies	
<b>School of Management</b>		<b>School of Social Sciences and International Studies</b>	
Department of Management Studies	Dr. T. Nambirajan	Department of Anthropology	Dr. T. Subramanyam Naidu
Department of Management (Karaikal Campus)	Dr. Lalitha Ramakrishnan	Department of Sociology	Dr. G. Ramathirtham
Department of Commerce	Dr. P. Natarajan	Department of History	Dr. G. Chandhrika
Department of Commerce (Karaikal Campus)	Dr. S. Amilan	Department of Social Work	Dr. A. Shahin Sultana
Department of Economics	Dr. V. Nirmala	Department of Politics & International Studies	Dr. P. Moorthy
Department of Tourism Studies	Dr. Y. Venkata Rao	Centre for European Studies	Dr. B. Krishnamurthy
Department of Banking Technology	Dr. K. Chandrasekhara Rao	UNESCO-Madanjeet Singh Institute of South Asia Regional Cooperation (UMISARC) & Centre for South Asian Studies (i/c)	Dr. V. Shivkumar
Department of International Business	Dr. P. Sridharan	UGC Centre for Southern Asia Studies	Dr. N.K. Jha
<b>Ramanujan School of Mathematical Sciences</b>		Centre for Women's Studies	Dr. V. T. Usha
Department of Mathematics	Dr. K.M. Tamizhmani	Centre for Study of Social Exclusion and Inclusive Policy	Dr. T. Subramanyam Naidu
Department of Statistics (Head i/c)	Dr. P. Thirupathi Rao	<b>School of Engineering &amp; Technology</b>	
<b>School of Physical, Chemical and Applied Sciences</b>		Department of Computer Science	Dr. R. Subramanian
Department of Physics	Dr. G. Chandrasekaran	Department of Computer Science (Karaikal Campus)	Dr. S. Bhuvaneswari
Department of Chemistry	Dr. K. Anbalagan	Department of Electronics Engineering	Dr. R. Nakkeeran
Department of Earth Sciences	Dr. M.S. Pandian	Centre for Pollution Control and Environmental Engineering	Dr. S. A. Abbasi
Department of Applied Psychology	Dr. B. Rangaiah	<b>School of Education</b>	Dr. M. S. Lalithamma
Department of Disaster Management	Dr. N. Ramanujam	Centre for Adult and Continuing Education	Dr. K. Devan
Astrophysics Programme	Dr. K. Porsezian	<b>School of Medical Sciences</b>	
<b>School of Life Sciences</b>		M.Sc. Programmes in Basic Clinical Sciences (Univ. co-ordinator)	Dr. K. Srikumar
Department of Biochemistry & Molecular Biology	Dr. K. Jeeveratnam	<b>School of Performing Arts</b>	
Department of Biotechnology	Dr. N. Arumugam	Department of Performing Arts	Dr. K.A. Gunasekaran
Department of Microbiology	Dr. Joseph Selvin	<b>School of Media &amp; Communication</b>	
Department of Food Science and Technology	Dr. S. John Don Bosco	Department of Electronic Media & Mass Communication	Dr. S. Arulselman
Department of Ecology & Environmental Sciences	Dr. K. V. Devi Prasad	Department of Library and Information Sciences	Dr. R. Sevukun
Department of Ocean Studies & Marine Biology	Dr. Jayant Kumar Mishra	<b>Madanjeet School of Green Energy Technologies</b>	
Centre for Bioinformatics	Dr. Basant Kumar Tiwary	Centre for Green Energy Technology	Dr. P. Thilakan
<b>School of Humanities</b>		Centre for Nano Sciences & Technology	Dr. N. Satyanarayana
Department of English	Dr. N. Natarajan	<b>School of Law</b>	
Department of French	Dr. S. Pannirselvame	Coordinator	M L Shankar Kaarmukilan (Mukil)
Department of Hindi (Head i/c)	Dr. S. Padma Priya		
Department of Sanskrit	Dr. C. S. Radhakrishnan		
Department of Philosophy	Dr. B.R. Shantha Kumari		
Department of Physical Education and Sports	Dr. D. Sultana		
Centre for Foreign Languages	Dr. B. Krishnamurthy		

College Development Council(i/c)	Prof. S. Pannirselvame
Students' Welfare	Prof. K. Jeevaratnam
Directorate of Distance Education(i/c)	Prof. P. Natarajan
Academic Staff College	Dr. S. Hariharan
Community College (i/c), Puducherry Campus	Dr. G. Vasanthi
Community College, Mahe Campus	Prof. Mohanan Bhaskaran Pillai
Central Instrumentation Facility	Dr. G. Govindaraj
Central Maintenance Workshop	P. Kasirajan
Karaikal Campus	Dr. Lalitha Ramakrishnan

## ADMINISTRATIVE OFFICERS

<b>VICE-CHANCELLOR'S SECRETARIAT</b>			
Assistant Registrar	V. Raman Geetha	Office -in-Charge(Transport & Geust House)	Dr. S. R. Kannan
Internal Audit Officer	K. Krishnasamy	Assistant Registrar(Transport)	D. Babu
<b>OFFICE OF THE REGISTRAR</b>		<b>Office of the Controller of Examinations</b>	
Deputy Registrar(Registrar's Secretariat)	Dr. S.K. Balasundram	Deputy Registrar (Exams)	Dr. P. Muralidassan
Assistant Registrar(Registrar's Secretariat)	V. Parthasarathy	Assistant Registrar (Exams)	L.R Franklin Thomas
Deputy Registrar (Administration -Non- Teaching & Officer incharge of Recruitment Cell)	P. Subramanian	Assistant Registrar (Exams)	N. Devanarayanan
Deputy Registrar (Estt.Section-Teaching & Recruitment Cell)	R. Segar	Assistant Registrar (Exams)	K. Jayabalan
Deputy Registrar (Special Reservation Cell)	K. Chandramoorthi	Assistant Registrar (Exams)	S. Punitha
Law Officer	A. Balasubramanian	Assistant Registrar(Exams)	M. Velayudham
Assistant Registrar (Administration)	M.P.T. Sagayaraja	<b>Office of the Finance Officer</b>	
Assistant Registrar (Establishment)	B. Routtramourthy	Deputy Registrar (F&A)	K. Chandramoorthi
Assistant Registrar(P&D / PCR cell)	S. Alamelu	Assistant Registrar (Finance & Accounts)	G. Venguidesvarane
Assistant Registrar (Purchase)	B.N.K. Radipe	Assistant Registrar, Project Cell	P. Vaithenathan
Assistant Registrar (Stores)	Dr. M. Vallathan	<b>Vigilance and Security wing</b>	
Assistant Registrar (Academic - Admissions)	P. Rajasekaran	Officer on Special Duty	Smt. P. Tamilarasi
Assistant Registrar (Academic - General)	R. Saminathan	<b>Engineering Wing</b>	
Assistant Registrar (Public Relations)	K. Mahesh	Officer -in-Charge(Outsourcing Agencies)	Dr. S. R. Kannan
Public Grievances Officer	Dr. K. Devan	Assistant Engineer(Civil)	N. Sankaramurthy K. Vadivel
		Assistant Engineer (Electrical)	V. Mourougavelou
		<b>Horticulture Wing</b>	
		Officer - Incharge	Dr. D. Bushan Sudhakar
		Horticulturist	Dr. R. Manivannan
		<b>Affiliation Wing</b>	
		Assistant Registrar	P. Gunasekaran
		<b>School of Humanities</b>	
		Assistant Registrar (School of Humanities)	S. Murugaiyan
		<b>PG. Centre Karaikal</b>	
		Assistant Registrar	N. Pitchai Pandi

## OTHER OFFICERS

<b>Central Library</b>		Asst. Director	Dr. K. Chandrasekaran
Deputy Librarian	Dr. U. Nagalingam	<b>Centre for Bioinformatics</b>	
Computer/ Information Scientist (SS)	Z. Olirvel	Information Officer	M. Sundara Mohan
Assistant Librarian (SS) - (UMISARC)	K. Nallaperumal Pillai	<b>Hostels</b>	
Assistant Librarian (SS)	S. Durai	Chief Warden (Men)	Dr. P. Dhavachelvan
Assistant Librarian (SS)	Dr. R. Hema	Chief Warden (Women)	Dr. Ilamathy Janakiraman
Assistant Librarian (SS)	Dr. M. Baskar	Chief Warden (Karaikal)	Dr. M. Dharmalingam
Assistant Librarian	N. Sankara Subramanian	Deputy Registrar(Hostels)	S. Manivannan
Assistant Librarian	Dr. G. Sivasubramanian	<b>Wardens : Men's Hostels</b>	
Assistant Librarian (PUCC)	Dr. K. Saravanan	Asst. Resident Warden	N.G. Anbazhagan
Assistant Librarian	K.M. Shibu	Bharathidasan	Dr. Subhadip Bhadra
Assistant Librarian	Dr. P. Vijayakumar	Kabir Das	Dr. Alok Sharan
<b>Computer Centre</b>		Ilango Adigal	Dr.P.B.Shankar Narayanan
Systems Manager	Marie Stanislas Ashok	C. V. Raman	Dr. C. Thirunavukkarasu
Systems Analyst	K. Palanivel	Subramania Bharathi	Dr. M. Suresh Kumar
Programmer	W. J. Kalesha	Tagore	Dr. R. Vijayakumar
<b>Placement Cell</b>		Kalidas	Dr. A. Joseph Kennedy
Placement Officer	Dr. S.K.V. Jayakumar	Valmiki	Dr. Jitendra Mohan Mishra
<b>Horticulture</b>		Kannadasan	Dr.Pradeep Kumar Parida,
Officer-in-Charge	Dr. Bushan D. Sudhakar	Kamban	Anil Pratap Giri
Horticulturist	Dr. R. Manivannan	Foreign Students	M. Rejoyson Thangal
<b>Health Centre</b>		Sarvapalli Radhakrishnan	Dr.Pramod Meena
Chief Medical Officer	Dr. Sheela Das	Moulana Abul Kalam Azad	Mangkhollen Singhson
Senior Medical Officer	Dr. S. Mahalakshmi	Karaikal (Boys - I)	Dr. S. Amilan
<b>Media Centre</b>		Karaikal (Boys - II)	Dr. S. A. Senthil Kumar
Producer	Dr. J. A. Sanjeev Kumar	Karaikal (Boys - III)	Dr. G. Kumaravelan
<b>FM Radio Centre</b>		Birdline Port Blair (Boys - I)	Dr. S. Balaji
Station Engineer	A. Mani	Brookshabad (Boys - II)	Dr. N. Ramanujam
<b>Central Maintenance Workshop</b>		<b>Wardens : Women's Hostels</b>	
Technical Officer Gr. - II	P. Kasirajan	Kalpna Chawla, Resident Warden (Overall Inchange)	S. Sailakshmi
<b>Central Instrumentation Facility</b>		Ganga	Dr. D.Sultana
Technical Officer Gr. - I (SG)	S. Ramasamy	Yamuna	
Technical Officer Gr. - I (SS)	P. Thillaimani	Saraswathy	Dr. Syeda Noor Fathima
<b>Community College</b>		Cauvery	
Deputy Registrar	Dr. B. Chitra	Madame Curie	Dr. Ilamathy Janakiraman
Assistant Registrar	N. Ravi	Karaikal (Girls)	Dr. Lalitha Ramakrishnan
<b>Directorate of Distance Education</b>		Ladies (Port Blair)	Dr. Gadi Padmavati
Assistant Registrar	N. Giridharan		
Assistant Registrar	M. Sandirane		
<b>Directorate of Physical Education &amp; Sports</b>			
Director(i/c)	Dr. D. Sultana		
Asst. Director	Dr. G. Sivaraman		





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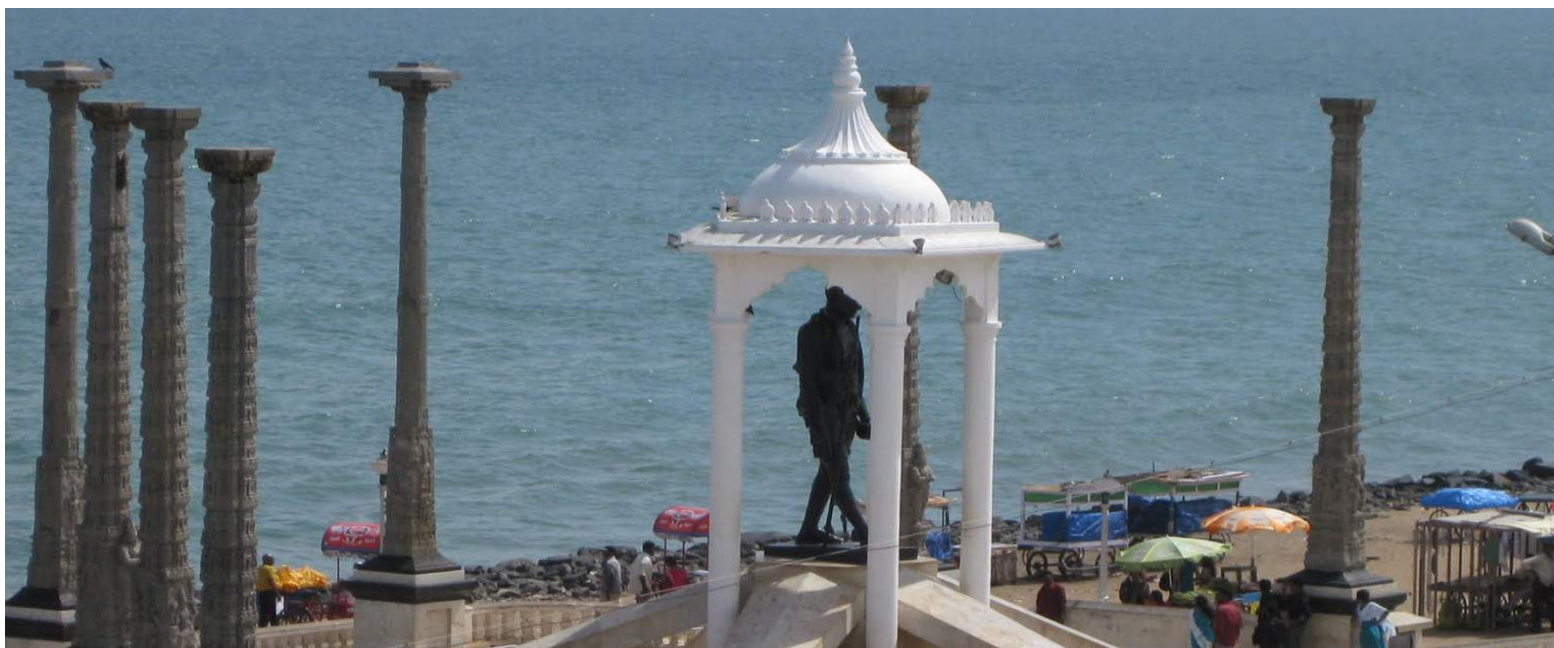
**PUDUCHERRY** is situated on the Coromandal coast, 160 k.m. south of Chennai. It is now a growing city and the capital of the Union Territory bearing the same name.

Puducherry, which attracted the French to settle here two centuries ago still carries several marks of French culture and heritage. It is also the place where the national poet Shri Subramania Bharathiar wrote several of his masterpieces that fanned the flames of freedom and also enriched modern Tamil literature. Bharathidasan, a staunch disciple of Subramania Bharathiar, whose poems stressed social revolution and emancipation of women, was also an eminent son of Puducherry.

The intellectual activities are fostered in many of its institutions such as Sri Aurobindo Ashram and the French Institute which caters to research needs in Science, Indology and Culture. The Romain Rolland Library which is more than 150 years old and preserves a rich collection of several rare French and Tamil manuscripts, is a veritable repository of treasures.

The Puducherry museum houses rare kinds of pottery from the Arikamedu site which was a bustling port city in the first century A.D. where Roman ships called in for trade and friendship.

Some of the other places worth seeing are Auroville, Beaches, Backwaters, Lake and Garden, Temples, Churches and Mosques, Heritage Buildings and Monuments. Puducherry Tourism provides more detailed information in this regard.





**THE UNIVERSITY** Pondicherry University is a Central University established by an Act of Parliament in October 1985. It is an affiliating University with a jurisdiction spread over the Union Territory of Puducherry, Lakshwadeep and Andaman and Nicobar Islands.

The University's objectives are to disseminate and advance knowledge by offering teaching and research facilities, to make provisions for studies in French and integrated courses in Humanities and the Sciences, and to promote interdisciplinary studies and research. The University's motto is 'Vers la lumière' meaning 'towards the light'. The main campus is located at Kalapet, 10 km from the town of Puducherry, in a serene and beautiful campus of 800 acres adjoining the scenic Bay of Bengal.

The University also has campuses at Karaikal and Port Blair which currently offer P.G. and Doctoral programmes.

The University has entered into MoUs with a good number of reputed International Institutions in India and abroad for collaboration and faculty development.

The salient features of the University include:

- ❑ Add-On Courses in all Schools
- ❑ Remedial coaching for weaker section students.
- ❑ Fee waiver for differently abled students.

In addition, the University Placement Cell has MoU with reputed firms.

## QUALITY LIVING

Unique features of Pondicherry University

- 100% Wi-Fi enabled campus
- 100% power backup
- 100% network of campus
- Library with remote access
- Most sophisticated Laboratories & Instrumentation
- All buildings with Ramps & Lifts
- Solar Heating & Lights
- Free State-of-the-Art Day Care Centre & Kindergarten
- 24 hours Hospital & Ambulance facility
- Green Campus Commutation by free bicycles and battery operated cars
- State-of-the-Art sports facilities
- Rent free hostels for women students
- Free education to differently abled students including boarding & lodging
- Free bus service to University from town



# COMMON FACILITIES

## LIBRARY

The University Library is named after Ananda Rangapillai, who was the Dubash of Lord Duplex, the Governor of Pondicherry during the French rule. Established in 1986, it has transformed through the past two decades into a Knowledge Resource Centre catering specially to the information needs of the students, research scholars and faculty. The mission of the Library is to enhance learning and facilitating research. In tune with its mission, it is in process of a major expansion in its infrastructure and information services.

### Working Hours

Library functions from 8.30 a.m. to 8.30 p.m. on week days and from 9.30 a.m. to 5.30 p.m. on week-ends. 8.30 a.m. to 10 p.m. during period of examinations.

### Membership

Library has 7581 members comprising of faculty, students, research scholars and non-teaching staff. Besides these members, the Library also attracts a lot of scholars and visitors from other academic institutions and research organizations in search of information and research tools.

### Collection

The University Library collection is hybrid with its traditional information resources being gradually supplemented by the electronic resources. Books (Print) – 2,02,548, Theses – 896, Dissertations – 4,962, Journal archives – 11,723, UN Documents – 2,170 Current journals (Print) – 240, E-Resources (e-books, e-database, e-journals, e-theses) – 1,65,534 and Video talks – 1,500. Exclusive Collection for competitive examinations is popularly sought after.

### Services

Parallel to the traditional library services, the automated Library presently facilitates value-added services such as Referral service, Citation analysis, Institutional Repository of research output, Inter-library loan, Orientation programmes, Workshops, Conferences, Exhibitions, Information product presentations, free trials, Newsfeeds, e-alerts and open sources. Access to a digital library of e-reference works,

e-books, e-databases, e-journals, online tutorials and the OPAC (Online Public Access Catalogue) is also made available through the Library portal. Remote login facility, another unique service helps 24x7 access to all the e-resources from the library portal remotely from anywhere in the world. Information access facility made possible to the Visually Challenged was one of the facets contributing to winning a National award by the University in 2011.

### UGC Infonet Consortium Service

Pondicherry University Library is member of the UGC INFONET Digital Library Consortium and has access to about 8785+ e-journals and 10 e-databases. Access being IP based, e-resources are accessible in the University network. Pondicherry University Library is identified as one of the 22 Document Delivery university libraries in India under the UGC INFONET Digital Library Consortium to cater to the journal article requests of all the universities in the country.

### U.N. Depository

The Dag Hammarskjold Library of the U.N. Secretariat in New York has arranged for the distribution of U.N. Documents and publications to users and Research Scholars around the world through its depository libraries since 1946. There are about 405 depository libraries in 145 countries and 16 of them are in 13 cities of India. Pondicherry University Library has the honour of being one of the 16 U.N. Depository libraries in India.

### Infrastructure

An independent Library building with a beautiful inspiring ambience of greenery around is focused in developing with technology. The spaces have been revamped and modernized with modular furniture, large number of computers to access e-resources with high speed bandwidth facility, comparable to any world class library. An additional new Building with 50,000 sq. ft. offers 24 hour reading facility, a special laboratory for the Visually Challenged, multimedia lecture hall, auditorium etc. Bookshop cum Stationery and Souvenir shop was established as a student support service to cater to the requirements of the Students, Faculty and other Staff. Five School Libraries as Reference Libraries manned by qualified library professionals were established in 2011 to cater to the immediate reference needs of the Departments of each respective School of different disciplines. We have the credit of being the third University in the country which has functional surveillance system with Closed Circuit Television (CCTV) and Radio Frequency and Identification (RFID).

### Personnel

Library has a team of highly qualified information professionals with the potential and the drive to facilitate the best possible library service to the information seekers.

### Librarian

Dr. R. Samyuktha

## COMPUTER CENTRE

A full-fledged and well-equipped Computer Center is available for the use of students, research scholars, faculty and non-teaching staff of the University. The Centre functions between 9.30 a.m. and 8.30 p.m. on all working days and from 9.30 a.m. and 5.30 p.m. on holidays. However most of the services are rendered on 24 x 7 basis.

### Academic

The Academic staff of the Computer Center offer regular theory, laboratory and project guidance courses to students of the University, in particular

- M.Tech. (Computer Science & Engg.)
- M.Tech. (Network & Internet Engineering)
- M.C.A.
- M.Sc. (Computer Science) students of Department of Computer Science, School of Engineering & Technology.

### Apprenticeship Training

The Computer Centre conducts one year long Apprenticeship Training to the ITI (COPA) passed candidates in the PASSA Trade as per the requirements of Ministry of Labor, Govt. of India since 2006. These trainees are given exposure to PC integration, network maintenance, simple web development applications, troubleshooting, etc. The Centre has so far completed 9 batches of trainees and are exposed to the field training in the above cited areas.

### IT infrastructure & Management

The Centre is responsible for the establishment and management of IT infrastructure in the entire University such as campus wide network, servers, desktops and also IT enabled Services (ITeS).

### Integrated Communications Network (ICN)

Integrated Communication Network providing data, voice and video services to the campus is now Wi-Fi enabled thereby facilitating users to access online computing and allied services at their convenience on 24x7 basis.

Faculty members, offices of the Deans, Department Heads, Administrative Officers, Library, Seminar Halls and class rooms are connected to the Intranet/Internet.

The above network serves as the backbone of the entire University for all ICT needs thereby contributing to its teaching/learning, research and administrative functions.

Currently, the services offered over this platform are: Internet, Web services, e-mail services, Voice Communications, online journals subscribed by National Knowledge Network (NKN) and University Library.

### Internet

The University provides 240 Mbps internet access from its own resources to all users on the campus through Proxy servers. In addition 1 Gbps is available NMEICT/NKN link. Both are offered over the intranet on 24x7 basis. This facility is well utilized by all stakeholders of the University.

### Web Services

The bilingual Web Portal for the University (both English and Hindi) serves as the main platform for dissemination of information/online services being provided to its stakeholders. All notices, circular, etc., are regularly published on this portal. Email services are offered to the employees of the University. The Web server and E-mail server of the University are established and maintained on the campus by the Centre. Online application for admission to various PG/Research / Training programmes of the University are conducted.

### NMEICT/NKN

The Pondicherry University is a member of National Knowledge Network (NKN) as it is connected to the NMEICT/NKN link. 1Gbps link is provided to the University and is being well utilized. Online using A-view system serves the needs of the University to conduct online seminar, lectures, meeting, etc., across the country.

### Voice Communications

The internal voice communication (Intercom) needs of the University are nowadays met using SIP phones. This digital voice system is seamlessly integrated with the campus network and facilitates instant voice access. The existing Direct Inward Dialling (DID) was enhanced about 1000 lines.

### On-line Examination

The Centre facilitated conducting on-line examination for the year 2014-15 with the help of outsourcing agency.

### On-line MBA through DDE

Computer Centre facilitated to automate and conduct Online MBA through Distance Education. The Centre provides in-house support from the commissioning of the software.

### **E-Learning using Moodle**

The Pondicherry University provides E-learning environments for the students through moodle open source software. Some of the teaching faculty are effectively use the Moodle server for their effective teaching purpose.

### **In-house Training**

In-house training on creating awareness and usage of various ICT system and tools are regularly impacted to the employees, Staff, research scholars and students.

### **Other Services**

The Centre provides IT consultancy for identifying proper configuration of computer systems, network systems, Web and e-mail to the University community as well to the other Government and non-government organizations in areas such as e-governance, Web applications, Network and certifications.

### **Computer Systems**

DELL Blade Servers, Sun Database Server, Sun Application Server, Sun Storage system, Intel Quad Xeon Servers, Intel Pentium Servers and Intel Pentium Multimedia PCs running MS Windows/Red Hat LINUX/Sun Solaris operating environments are available.

A variety of peripherals like Color Laser Printer / Network Laser Printer / Scanner / Web camera are available.

### **Software**

The following software are available:

**Microsoft Campus Agreement** - The campus agreement signed with Microsoft to cover a bundle of MS Product.

**MS Windows Platform**-MS Windows 2008/ 2008R2/ 2012 Enterprise Server, MS Windows 7/8/8.1, MS Visual studio 2010/2013, Basic, Access and MS SQL Server 2012/2014, MS Office Applications 2013.

**Adobe Package** - Adobe CS5 suite/ Adobe Professionals

**Scientific Package** - MATLAB, Mathematica.

**Statistical Package** - SPSS 19.0 (Networked) Systat13.0

**Database Subscription** - CMIE database subscription

**Solaris/Linus Platform** - RHEL 5.0/4.0, Solaris 10.0/11.0, Oracle 10g Suite.

**Network Management** - LMS of Cisco, D-Link Management Software.

### **Details of Scientific/ Technical Staff**

**Marie Stanislas Ashok, M.E.**  
Systems Manager & Head

**K. Palanivel, M.Tech.,**  
Systems Analyst

**W.J. Kalesha, B.E.,**  
Programmer

**S. Kanagalingam, M.C.A.,**  
Senior Technical Assistant

**B. Rasan, M.C.A.,**  
Senior Technical Assistant

**P. Chinnachamy, B.E.,**  
Senior Technical Assistant

**S.Balan, B.Tech.,**  
Technical Assistant

**A. Sivarajan, B.Tech.,**  
Technical Assistant

**A. Balquisby, M.C.A.,**  
Computer Assistant



## CENTRAL INSTRUMENTATION FACILITY

Excellence in teaching and research by Science Schools need state-of-the-art sophisticated equipment, various workshops and support facilities. These equipment and facilities help the faculty, research scholar and students to carry out globally competitive R & D in basic and applied sciences. Since individual researchers may not be able to generate huge research funds for these research instruments, a few years back Central Instrumentation Facility (CIF) was started in Pondicherry University with a mission to enrich the resources on a shared basis for promoting R and D with the following objectives.

- To strengthen technological infrastructure to carry out advanced research in various science disciplines under one roof and make their services available to academic Departments and Schools.
- To provide guidance in acquisition of data and train personnel in operation and maintenance of Sophisticated Instruments.
- To organize short-term courses/workshops on the use and application of various spectroscopic and analytical techniques for students, teachers and technical personnel from our University, affiliated institutions, universities in the region and industry.

It is governed by the Management Advisory Committee consisting of Vice-Chancellor as Chairman, Deans, Science Schools, Heads of Science Departments, Outside Experts and Centre Head.

### FACILITIES:

#### I. Major Research Equipment

- |   |   |   |
|---|---|---|
| <ol style="list-style-type: none"> <li>1. Vibrating sample Magnetometer Lakeshore, 7404 with High &amp; low Temperature attachments</li> <li>2. UV-VIS-NIR Spectrophotometer Varian, Cary 5000</li> <li>3. Scanning Electron Microscope Hitachi- S3400N with EDX and Cathode-luminescence detector</li> <li>4. Planetary Micromill, Fritsch, Pulverisette -7</li> <li>5. Spectrofluorimeter Horiba Jobin Yvon , SPEX –F111</li> <li>6. FTIR Spectrometer Thermo, Nicolet, 6700</li> <li>7. 400 MHz FT-NMR, Bruker</li> <li>8. Wavelength Dispersive X-ray Fluorescence Spectrometer Bruker, S4 Pioneer</li> <li>9. Thermal Analysis System (Waters) TA instruments, SDT600 - DTA/ TGA and Q20 DSC</li> <li>10. Gamma Ray Chamber, BRIT, India (Co-60 source )</li> <li>11. Broad band Dielectric Spectromete - NOVO control, Cocept-80</li> </ol> | <ol style="list-style-type: none"> <li>12. High Performance Liquid Chromatograph-Shimadzu, LA20</li> <li>13. Particle Size Analyzer, Malvern, Nano Series Zetasizer</li> <li>14. Surface Area Analyzer, Miromeritics, BET system</li> <li>15. Electron Probe Micro Analyzer, Cameca, SX100</li> <li>16. Laser Confocal Raman Microscope with Spectrometer attachment</li> <li>17. High performance Thin Layer Chromatography system</li> <li>18. Circular Dichroism Spectrometer</li> <li>19. Femto second laser system</li> <li>20. Isotope Ratio Mass spectrometer</li> <li>21. Physical Property Measurement System</li> </ol> | <p>maintain accessories such as hydraulic press, compressors, pumps, circulators etc., of the analytical instruments.</p> <p>CIF caters to the analytical needs of all the science departments and affiliated institutions of the University. Analysis of samples from other educational and research institutions in the region and from industries is also carried out.</p> |
|---|---|---|

High Resolution Transmission Electron Microscope has been received and is to be installed shortly.

CIF takes care of the operation and maintenance of the analytical instruments and has a mechanical section with facilities to fabricate mechanical components such as sample mounts / cells / adopters etc., required for scientific research needs and also to repair and

#### CIF Faculty/ Officers

##### Dr. G. Govindaraj, M.Sc. Ph.D.

Centre Head & Professor of Physics, Specialization: Condensed Matter Physics (Experiment and Theory)

##### Er. S. Ramasamy, M.Tech., PGDDI

Technical Officer - I (SG) Specialization: Electronics Design, Microcontroller based Instrumentation

##### Er. P. Thillaimani, M.E., DCPCI

Technical Officer - I (SS) Specialization: General Electronics, Analytical Instrumentation.

## CENTRAL MAINTENANCE WORKSHOP

The Central maintenance Workshop is a core support facility to carry out all engineering related works relating to civil, electrical, mechanical, electronics and to support scientific research of academic Departments and centres of the University. The minutiae about the service shops which are currently offering service support to the academic community and the facilities which are under development are as under.

### Electronics Shop

The Electronics Shop offer repairing, servicing and upkeep of Instruments/equipment's/appliances available in the University. The Electronics shop also offers design and fabrication of electronic modules required for the research works of the students and faculties including fabrication of Printed circuit boards in accordance to the requirement of the Users from initial design to final stage ensuring quality and consistency. The augmentation of varieties of Test and Measuring Instruments and PCB making facility is on progress.

### Mechanical Shop

The mechanical shop offers service support in the fabrication of Mechanical modules required for advanced scientific and Engineering research. The mechanical shop also offers service support in the reconditioning and upkeep of all kinds of Instruments equipment's and appliances available in large number in the University. The mechanical shop recently purchased precision milling machine, high speed drilling machine and portable welding machine. The progress of strengthening the mechanical shop is underway by adding multifarious machineries like radial drilling machine, shaping machine, sheet folding machine, hydraulic pipe bending machine and varieties of portable machineries.

### Advanced Glass blowing and Glassware fabrication shop

The establishment of an advanced glass blowing shop is on progress considering the expanding volume of works in proportionate to the creation of new Science and Engineering Departments and increase of student's strength to several fold. The advanced glass blowing shop offer service support to all the Science and Engineering Departments of the University in the repairing and fabrication advanced laboratory glassware's and to produce glassware of the highest quality and purity level for advanced scientific research works. The advanced glass blowing shop fabrication of simple glassware to complex quartz laboratory apparatus which finds application in the semiconductor/optical fibre/photovoltaic/chemical and applied sciences research with fabulous craftsmanship utilizing the state of the art facilities and technology.

### Fitting Shop

The fitting and bench work is a vital facility for an Engineering workshop to fix material in the engraved piece which is made with very accurate dimensions. The acquisition of radial drilling machine, surface plates, and work benches with bench vices, precision digital measuring instruments and cutting tools is on progress for carrying out advanced fitting works with high accuracy and precision.

### Welding shop

The Welding Shop offers welding works in most metal items both small and large. It is proposed to equip the welding shop with advanced welding machineries and tools to cut and shape metals according to the user's specifications. The Central Maintenance workshop is already having gas and arc welding facilities and augmentation of spot welding (heavy

and portable) is under way for making quick, strong spot welds in a wide range of uncoated mild, galvanized ferrous sheet metals.

### Carpentry shop

The carpentry shop offer repair service for classrooms, offices, and also provides special service to classrooms during semester breaks. The key function of the Carpentry Shop is to repair and replace the damaged wood surfaces, repair desk and other classroom furnishings, repair of windows, doors, broken window glasses and blinds.

### Painting Shop

The painting shop offers painting of cleaning and painting of the aged instruments and equipment's to enhance its life, including full body work and dent repairs.

### CAD Shop

#### (Computer Aided Design Shop)

The CAD shop will be offering drafting of Electrical, Electronic and Mechanical engineering drawings to the users. The CAD working stations, software and plotter of is being acquired.

### Electrical Repair and service shop

The electrical shop offer service support in the repair and recondition of motors, pumps, panel boards, testing of electrical equipment's etc.,.The acquisition of the facilities required for the repair and testing of electrical equipment's and gadgets is underway.

### Plastic shop

The plastic shop offer injection moulding facility for the moulding and fabrication of plastic parts for the user specific requirement for conducting scientific research and experiments. The plastic shop also offer plastic welding facility for the welding similar and dissimilar

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plastic parts. The plastic shop is on the process of acquiring various hand tools, hand extruders, welding machines for injection welding, ultrasonic welding, hot gas welding and hot seal welding

### Testing and calibration shop

The testing and calibration facility calibrate the measuring instruments and testing the power conditioning devices viz., UPS & Inverters, variety of batteries and to certify the products complying to the approved standards and specifications. The measuring equipment's and testing tools required for testing and calibration are being acquired.

### Maintenance Workshop:

**P. Kasirajan, M.E,**  
Technical Officer Gr. – II  
Specialization: Electronics and Instrumentation Engineering

**R.Jeyanthi, DECE,**  
Technician Gr-II  
Specialization: Electronics & Communication Engineering

**P.Vikkaraman, M.A,**  
Technician Gr-II  
Specialization: Engineering Fitting Works

The central maintenance workshop is a place of convergence where a blend of regular industry type and academic working environment is well-kept and intended to provide solution to all engineering related problems and specialized fabrication works required for the research works of academic departments and centres and also to cater service to various section of the University on needy basis thus strive to ensure the best support facility for bestowing a better possible learning, teaching and research environment to the students.



### HEALTH CENTRE

The Health Centre of Pondicherry University functions round the clock in association with Pondicherry Institute of Medical Sciences with limited facilities for the benefit of students and staff. An ambulance is also available for emergency medical care.

### CANTEEN

Four canteens are available on the campus.

### POST OFFICE

A post office functions on the campus where all postal services including savings bank facilities are available.

### BANK

Indian Bank operates a branch with all services in the University Campus. The ATM facility is also available on the campus.

### TRANSPORT

The University offers free transport facilities to the students for commuting from the city to the Campus for attending classes. In - campus trips are operated for mobility of the students from one place to another. Cycles and Electric cars are also available for in-campus trips.



## NRI & OVERSEAS CANDIDATES

### Admission

Admission of self-supporting foreign students who desire to study in the University may apply online to the University for admission in the prescribed form for various courses except Ph.D. programmes. For all details regarding admission visit [www.pondiuni.edu.in](http://www.pondiuni.edu.in).

The foreign students may be required to appear for the written test and/or viva-voce in case they are already here in India at the time of the written examination. However, if they are abroad at the time of applying for admission may be exempted from written test and viva-voce examination, if any. Those who have passed University degrees outside India should enclose with their application form, copies of the relevant certificates and mark sheets together with the English version of such documents duly attested, if they are in a different language. No foreign student will be admitted WITHOUT A STUDENT VISA. Proficiency in English is a condition for admission.

### Application Fee

The application fee for NRI and Overseas student is Rs. 1,000/- . This may be paid online or offline.

### Admission to Ph.D Programme

For admission to Ph.D. programmes the applicant should submit their application to the University with the details of proposed research. This Admission is subject to the recommendations of the Admission Committee of the concerned Department and availability of Supervisors in the proposed area of research in the Department. Also the admission to the Ph.D. programme needs a valid research visa and approval of the research project by MHRD (Ministry of Human Resource Development).

Candidates admitted under MoU between Pondicherry University and a University/ Institution in India or abroad where specific clause(s) exist for registration of candidates

to Ph.D degree by the university and those selected under international cultural/ educational exchange schemes of Government of India/ UN bodies are exempted from taking the admission test.

Non-Resident Indians and foreigners residing/ working abroad, who are otherwise qualified and working in academics/ research/ industry at least for five year, are also exempted from entrance test but they shall give a seminar before the Admission Committee which shall evaluate and give its opinion about suitability of the candidate for admission to the Ph.D. Full-time and Part-time (external) program. NRI and foreign candidates with enormous professional experiences and having proven aptitude for the research exhibited through publications will only be considered by the admission committee under this clause. Their publications will be evaluated by the Department Committee before called for giving a seminar.

### Study India Program

The university through the Study India Program (SIP) permits students from abroad to study a semester/ two semesters of various courses available in the University on credit transfer basis. The student desirous to visit the university under the program must take an application at least three months in advance. From 2013, SIP has initiated short term study programs of 2/4/6 weeks.

For details and the application forms please visit the University website <http://www.pondiuni.edu.in/content/study-india-program> or send an email to [studyindiaprogram@gmail.com](mailto:studyindiaprogram@gmail.com) / [sipcoordinator@pondiuni.edu.in](mailto:sipcoordinator@pondiuni.edu.in).

\*For details of MSG Scholarships to students from SAARC countries, see page 116 of this brochure.

# FINANCIAL ASSISTANCE

## FELLOWSHIP/SCHOLARSHIP OFFERED BY UNIVERSITY:

### Ph.D. Fellowship

All the full time scholars admitted to Ph.D. programmes of the University Departments, will be eligible for a fellowship of Rs. 8000/- p.m. Ph.D. scholars are also eligible for contingencies grants.

Candidates joining the integrated Ph.D. program shall get a monthly stipend of Rs.1000/- for four semesters (20 months) and Rs. 8000/- per month for the next three years extendable by one year. During the Ph.D. period, the candidate is also eligible for contingency from UGC. (These scholarships shall not apply to students in the affiliated colleges). The scholarship money to be reimbursed by the student if he/she exists the course before completion

### P.G. Scholarships: Merit Scholarship

(i) The candidate who secures the highest percentage of marks in P.G. admission entrance examination shall be eligible for the award of Merit Scholarship @ Rs.500/- p.m. for the 1st semester.

(ii) For the subsequent semesters the Merit scholarship at same rate of Rs.500/- p.m. shall be awarded to the candidates as noted here under.

(a) For the II semester who tops the class in the I semester exams. (b) For the III semester who tops the class in the II semester exams. (c) For the IV semester who tops the class in the III semester exams.

### Merit-cum-Means Scholarship (MCM)

20% of the students in each P.G. degree programme are eligible for the award of MCM Scholarship of the University. The scholarship is based both on the merit in each semester and the parental income of the student. The annual income of the parents should not exceed Rs.1,10,000/- (Rupees one lakh ten thousand only). Amount of scholarship is Rs.500/- p.m. Period: one semester.

### Freeships

20% of the students in each of the P.G. degree programme are eligible for the award of freeship. The first six students who join the P.G. programme in Hindi and Sanskrit are eligible for the award of freeship. The freeship would cover tuition fee for one academic year based on the annual income of the parents which

should not exceed Rs.1,10,000/- (rupees one lakh ten thousand only). In respect of courses other than M.A courses(excluding M.A.-Applied Economics), the Merit-cum-Means Scholarship is sanctioned instead of Freeship at present, to avoid the disparity of students with lower marks/grades getting higher scholarship amount than the students who secured higher marks/grades.

**Note:** As the above PG scholarships are under revision, the terms & conditions of award of the said scholarships are subject to change.

### Scholarships for M.Sc. Marine Biology & Disaster Management

All selected candidates will be awarded a scholarship of Rs. 1000/- p.m. to study these courses at Port Blair, Andamans.

### Scholarships for M.Tech Computational Biology

All selected candidates will be awarded a scholarship of Rs. 8000/- p.m.

### Scholarship for M.Sc. Integrated students (Course Code - 380, 384, 309)

All M.Sc. Integrated students will be awarded a scholarship of Rs. 750/- p.m. for the first three years of their study.

Besides the eligibility criteria prescribed for the award of scholarship the candidates should also fulfill the following conditions:

(i) should secure at least 70% of the attendance every month.

(ii) should pass in all papers registered for each semester.

(iii) in case, these conditions are violated the candidate shall not be eligible for scholarship and the next person in merit shall be considered for the scholarship.

(iv) the Head of the Department concerned shall certify in respect of conditions i to iii.

### FELLOWSHIP / SCHOLARSHIP / OFFERED BY OTHER AGENCIES:

#### Junior Research Fellowship

UGC / CSIR NET qualified JRFs are eligible to receive fellowships @ Rs. 25,000/- p.m. for two years. This may be enhanced to Rs.28,000/- p.m on completion of two years and subject to fulfilling certain conditions laid down by the UGC / CSIR. They are also eligible for a contingent grant of Rs.20,000/- per year. The award of fellowship and contingency grants are subject to approval by the UGC / CSIR.

### N.B.H.M. Scholarship

The National Board for Higher Mathematics, Mumbai (Department of Atomic Energy) provides scholarships for those students who clear the NBHM examination.

### Government of India SC/ST Scholarship

The Governments of Tamil Nadu, Kerala, Andhra, Karnataka, Maharashtra, Union Territory of Puducherry provide Government of India Scholarship to the candidates belonging to the SC/ST communities.

### Rajiv Gandhi National fellowship / Maulana Azad national fellowship

The UGC provides Rajiv Gandhi National Fellowship for the SC/ ST & OBC scholars and Maulana Azad National fellowship for minority scholars who pursue Ph.D. programmes. Every year, the UGC notifies the eligibility and other conditions for the award of the said fellowships.

### Government of Puducherry fellowship / Scholarship Merit and Merit-cum-Means Scholarship

The Government of Puducherry awards Merit and Merit-cum-means scholarships for the students belonging to the U.T. of Pondicherry enrolled in various courses of the University.

The Government of Puducherry provides two fellowships to the residents/ natives of Pondicherry @ Rs.800/- per month to two students admitted in the M.Sc. Biotechnology programme in the Department of Biotechnology.

### Madanjeet Singh Group Scholarship

1) Full scholarships for 8 students per annum from the member states of SAARC Countries to pursue M.Tech in Green Energy Technology covering living expenses, boarding and lodging and tuition fees.

2) Indian student of SAF will be selected among the meritorious candidates from M.Tech (Green Energy Technology) entrance test conducted all over India.

3. Ministry of New and Renewable Energy ( MNRE) selected CGET as nodal centre and awards "15" fellowship of MNRE-NREF by following the merit as well as reservation.

# SYSTEM OF INSTRUCTION

## Choice Based Credit System (CBCS)

The University has introduced the Choice Based Credit System(CBCS) from the academic year 1992-93 onwards. Under this system the students have a good deal of freedom in designing their own curriculum to suit their needs. The students have provision to take any course offered in any department as long as they fulfill the prerequisites for that course, have the consent of the concerned course instructor and the students faculty advisor. The students can also take as many courses as they can handle subject to a maximum of 30 credits in any semester. Each course is associated with a credit value and this accrues to the student when he/ she successfully completes the course. The minimum credits required for the award of degree in various PG Programs are given in the following table.

S.No	Program	Hard-core Courses credits	Soft-core Courses credits	Total (Minimum credits required for award of the degree)
1	M. A./ M.Sc./ All M.Tech. except M.Tech (ECE)/ any other 2 year P.G. Programme not mentioned below	48 to 60	12 to 24	72
2	M.Com.	68 to 78	12 to 22	90
3	All M. B. A. programmes	72 to 86	14 to 28	100
4	M.C.A.	72 to 90	18 to 36	108
5	5 year Integrated P.G.	148 to 162	30 to 44	192
6	M.Tech (ECE)	59	15	74
7	LLM	24	0 to 6	24

- 1) The courses offered under a Program of Study are designated as Hard Core and Soft Core.
- 2) A course designated as Hard Core for a particular Program of Study must invariably be completed by the student to receive the degree in that program. The Hard Core Course cannot be substituted by any other course.
- 3) The Soft Core courses are to be chosen from (a) a list of courses marked as Soft Core courses for a particular programme and (b) any course offered by other Departments as Soft Core course. In the event of failure in a Soft Core course the student can substitute the Soft Core course by an equivalent course.

Each student, soon after he/ she joins the course, will fill a plan of study detailing the courses he/ she plans to take. Depending upon the availability of the courses every semester, he/ she registers for a set of courses before the semester starts by filling in the appropriate forms. Each student should submit the registration card to the Head of the Department on or before the last date prescribed for the same.

### PASSING MINIMUM

In order to declare pass, a student should get  
 a) A minimum of 40% marks in end-semester exam, and  
 b) A minimum of 50% marks in aggregate when internal assessment and end-semester marks are added.  
 c) In order to declare pass, a LLM student should get 50% mark in aggregate when internal assessment and end-term marks are added.

### LETTER GRADES

Performances of students in each paper are expressed in terms of marks as well as in Letter Grades. In case of fractions the marks shall be rounded off to nearest integer. The class interval for the purpose of awarding the grades can be arrived at by dividing the difference between the highest mark secured and the minimum pass mark by 6 as there are six passing grades. The formula is given below:

$$K = (X-50)/6$$

Where, K = class interval, X= the highest mark in the subject.  
 The grades may be awarded as given in the following table.

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Range of Marks in %	Letter Grade	Points for Calculation of GPA/ CGPA
X to (X-K)+1	A+	10
(X-K) to (X-2K)+1	A	9
(X-2K) to (X-3K)+1	A-	8
(X-3K) to (X-4K)+1	B+	7
(X-4K) to (X-5K)+1	B	6
(X-5K) to 50	C	5
Below 50	F	0
Failure due to lack of attendance	FA	0

K should not be rounded off to less than two decimal places. The numbers given in Range of Marks column, (X-K), (X-2K), (X-3K), etc., can be rounded off to the nearest whole number.

In courses where the number of students who have secured 50 marks and above is less than 10 then grading may be given based on the Table below

Range of Marks in %	Letter Grade	Points for Calculation of GPA/ CGPA
81-100	A+	10
71-80	A	9
66-70	A-	8
61-65	B+	7
56-60	B	6
50-55	C	5
Below 50	F	0

The GPA and CGPA will be calculated as weighted average of points secured by the student in all the papers registered by him / her. The weights are the number of credits for each paper. For example, a student getting in A grade in 4 credit course, A- grade in 2 credit course, A+ grade in a 3 credit course and F grade in a 3 credit course will have a GPA as  $(9 \times 4 + 8 \times 2 + 10 \times 3 + 0 \times 3) / (4 + 2 + 3 + 3) = (36 + 16 + 30 + 0) / 12 = 82 / 12 = 6.83$  out of 10.0; GPA = 6.83. The CGPA shall also be calculated in similar lines taking all subjects taken by the students in all semesters.

Students with a CGPA of 9.0 and above and did not fail in any of the courses taken by him/ her shall be awarded Distinction. A CGPA of 6.0 and above shall be placed in First class. A CGPA of 5.0 or more but less than 6.0 shall be placed in second class. Student who has secured less than 50% marks in any paper gets F Grade and he is treated as failed in that paper.

A failed student who meets the attendance requirement and has a minimum of 40% in internal assessment marks may be permitted to register for the next end-semester examination in the following semester itself.

Students who have failed due to insufficient attendance and / or less than 40% in internal assessment marks should repeat the course as and when it is offered.

## APPLICATION PROCEDURE AND ENTRANCE EXAMINATION

### ONLINE

Application form to be submitted online through the University Website [www.pondiuni.edu.in](http://www.pondiuni.edu.in) by following the instructions posted therein.

### APPLICATION FEE

For each course Rs.250/-, Rs. 125/- for SC/ST, Exempted for differently abled candidates - subject to submission of relevant certificates. The application fee for NRI and Overseas student is Rs. 1,000/-.

Application fee can be paid online or offline by following the instruction available in the University website

### FILLING OF APPLICATION FORM

1. Apply separately for each course.
2. Fill in all columns with complete and correct information after going through the prospectus. Incomplete/ false/ wrong information will entail rejection of application. Any claim based on wrong information, wrong course code, centre code, category(OBC/SC/ST/Gen)etc. will not be entertained at a later stage.
3. Application forms are to be filled and submitted online, as per instructions in the University website [www.pondiuni.edu.in](http://www.pondiuni.edu.in)
4. Due care should be taken in filling the application form. Enter correct course code in the relevant column which is very important.
5. All columns should be filled correctly and unambiguously.
6. While filling in the qualification and marks, care should be taken to provide the relevant marks/ grades.
7. Candidates who apply for M.Sc. (Computer Science), M.Com. and MCA courses which are offered at Puducherry and Karaikal Centres of the University, should give their order of preference of centre of study at relevant column.

8. Candidates who apply for M.Tech. Computational Biology which is offered at Anna University, Chennai and Pondicherry University should give their order of preference of the University at relevant column.

9. **Defence personnel** also should apply online only. The payment of application fees can be through offline or online mode. They should however, take a print out of the online application form and forward the same through the respective Head Quarter to

**The Assistant Registrar(Academic-Admissions)  
Pondicherry University  
R.V. Nagar, Kalapet,  
Pondicherry-605 014.**

10. Candidates, on their own risk, can apply for more than one course. The University will try its best to arrange so that a candidate would be able to appear for Entrance Examination for more than one course. However, University Entrance Exam Schedule may not completely ensure that there is no "overlap of entrance exams of all the courses to which a candidate has applied". In case of overlapping, the concerned candidate shall have to opt/choose the course, entrance exam date & session on his/her own. University will not be responsible for such overlapping if the candidate could not take the entrance exam for the particular course(s).

11. Helpdesk facilities are available to candidates for help in filling the application form, payment of fees and clarification regarding entrance exam related matters.

### ONLINE BASED ENTRANCE TEST

1. The Entrance Exam will be Online Based Test. When candidate reports in time to the Exam Centre allotted for the entrance exam and after verification of Hall Ticket and other documents, he/she will allowed to enter the Test Hall

and will be allotted a separate Computer System, User Id and Password. Necessary instructions will be given in advance. Once the candidate logs into the system allotted, the respective question paper will be displayed on the screen and candidate can choose the Correct Answer by clicking on that choice. If the candidate later wants to change the choice already made for a particular question, the old choice can be removed and new Choice made. On completion of answering the questions and/or before leaving the Hall, the candidate will submit by clicking on SUBMIT button on the screen. Once submitted then the candidate cannot redo/continue the test. Question paper will consist of 100 Multi-Choice questions to be answered in 120 minutes duration. A correct answer will be given 4 marks while negative mark -1 will be allotted for a wrong selection. (Space work sheet will be provided on request of the candidates)

2. **Defence personnel** must take the Online Based Entrance Test method at any one of the twenty eight centers as notified by the University.

3. In respect of Ph.D subjects (e.g. Chemistry, Physics, etc.) which are offered both in the University Departments and in the affiliated institution(s), the candidates should appear for a common entrance examination. The selection will be based on a common merit list. The candidates will have the option to join either in the University Department or in the Affiliated Institution as per their choice vis-à-vis their position in the merit list, subject to fulfillment of the eligibility and residential conditions. In such cases one application is enough.

### MOCK TEST DETAILS

To ensure that each candidate becomes familiar with online based test, provision for Mock Test Trial will be made available on the website during the period of application and thereafter. A candidate can take the mock tests any number of



times from anywhere any time and thus become familiar with writing Online based entrance examination.

#### HALL TICKET

Candidates must **download & print** the hall ticket from the University website and produce it at the entrance examination centre. After proper filling of the application form online and payment of fee online or offline, the candidate can download their printable hall ticket from the University website by following instructions therein. **The candidate must print his/her hall ticket and produce at the examination centre.**

#### GENERAL CONDITIONS OF

##### ADMISSION

■ Admission to the University is open to all those who have the prescribed qualifications without any discrimination of race, caste, creed, language or sex.

■ Students should have, in general, obtained the Bachelor's degree/ Master's degree from a recognized University under 10+2+3 / 10+2+3+2 system, i.e., the candidate should have studied for 15 years to obtain his/her/ bachelor's degree and 17 years to obtain his/ her Master's degree to apply for admission to P.G. and Ph.D. programmes respectively offered at each School/Department / Centre.

■ The minimum eligibility criteria for different courses are as prescribed in the appropriate sections. Candidates qualified through other system of studies should obtain eligibility certificate from the University before admission.

■ Unless otherwise specifically stated, candidates should have secured a

minimum of 50% of marks in part III (core and allied) of their U.G. degree examination for admission to courses under Humanities and Social Science subjects and a minimum 55% of marks in part III (core and allied) of their U.G. degree for admission to courses under science disciplines. For the Five Year Integrated Programmes, the candidates should have passed the +2 examination with at least 50% marks. **Eligibility marks will not be rounded off.** For example 49.99% will not be rounded off to 50% for the purpose of admission.

■ Candidates awaiting their results are also eligible to apply. Such candidates, however, must produce the mark sheet/ degree certificate as the proof of fulfilling the prescribed eligibility criteria on or before 1st September 2015 failing which provisional admission, if granted, will be cancelled.

##### CRITERIA FOR RESOLVING TIE IN THE ENTRANCE EXAM MARKS

The following criteria shall be followed, in sequence to resolve ties, where candidates secure the same marks in the written test :

##### For PG / Ph.D

(a) **First criterion:** The Candidates with more positive marks in the entrance examination.

(b) **Second criterion:** The Candidates with less negative marks in the entrance examination.

(c) **Third criterion:** Marks obtained by the candidates in the qualifying degree/ other examination. If the final result is not available, then the marks up to the 2nd year will be taken into account.

(d) **Fourth criterion:** Marks obtained in the degree/H.Sc examination as the

case may be immediately preceding the qualifying degree examination.

##### For 5 Year Integrated PG:

(a) **First criterion:** The Candidates with more positive marks in the entrance examination.

(b) **Second criterion:** The Candidates with less negative marks in the entrance examination.

(c) **Third criterion:** Marks obtained by the candidates in the +2 or equivalent public examination.

(d) **Fourth criterion:** Marks obtained in the public examination immediately preceding the qualifying Public examination.

■ All admissions are provisional, subject to verification of required documents, as per prescribed norms.

■ Any course (P.G. degree and, P. G. Diploma) may not be offered if sufficient number (at least 5) of students are not available.

■ The students will be required to take up a group health insurance (for hospitalization, etc.) through the University.

■ Admitted students are required to carry the University Identity Card all the time while they are inside the campus.

■ Students are instructed not to miss the classes since 70% of attendance is required to appear for the examination. Those who need accommodation in the hostels must report to their Departments prior to registration and counselling.

## ENTRANCE EXAMINATION CENTRES WITH CODES

The entrance examination for admission to each programme will be held as per the scheduled time table in the following centres provided sufficient number of candidates opt for the given centre. Please indicate the name of **centre with code clearly** in the application form.

CODE AND CENTRE NAME			
01 Ahmedabad	08 Cuttack	15 Mahe	22 Shillong
02 Allahabad	09 Guwahati	16 Mumbai	23 Srinagar
03 Bangalore	10 Hyderabad	17 New Delhi	24 Tiruchirapalli
04 Bhopal	11 Karaikal	18 Patna	25 Thiruvananthapuram
05 Bhubaneswar	12 Kolkatta	19 Port Blair (Andamans)	26 Vijayawada
06 Chennai	13 Lucknow	20 Puducherry	27 Villupuram
07 Coimbatore	14 Madurai	21 Ranchi	28 Vishakapatnam

## SELECTION PROCESS

### PG / PG Diploma programmes

The selection of candidates for admission to all the P.G./P.G.Diploma programmes, except LLM programme will be based on the marks obtained in the entrance examination only with the following exceptions:

1. Overseas Candidates from SAARC countries who were selected for the MSG scholarships (Refer page 116).

2. The selection to M.Tech Computational Biology which is offered under network teaching programme in collaboration with Anna University, Chennai will be made based on the Common Entrance Examination conducted by Pondicherry University. The allotment of candidates to each University will be made on merit and choice of Institution furnished by the candidate in the application form.

For LLM Programme, see page 141 for detailed selection process

### Ph.D. programmes

The admission to the Ph.D Programmes shall be made as per the following criteria :

- Entrance Exam - 70 %
- Personal Interview & Academic Record - 30 %
- The NET/JRF qualified candidate with fellowships will be given direct admission to Ph.D. programmes. For further details refer the chapter

“Admission requirements for Ph.D. Programmes”.

- The minimum cut off mark for general candidates in respect of Ph.D. admission shall be half of the average of the entrance examination marks scored by all the candidate in the respective subject. The minimum cut of mark for OBC/SC/ST/ Differently Abled candidates will be 10% below the cut off marks of the general category candidates.

- For the purpose of working out the average, only ‘zero’ and above will be taken into account.

### Other Conditions

- The entrance examination will be of 2 hours duration.

- Mere appearance in the entrance examination does not entitle a candidate for admission to any course in this University and he/ she will be granted admission only if he/ she fulfils the eligibility criteria fixed for the courses. Even if a candidate is placed in the admission list based on his/ her performance in the entrance test but does not meet the eligibility criteria, he/ she will not be granted admission. Candidates are advised to take up the examination only if they satisfy the eligibility criteria. If the number of applications received is less than the prescribed intake, there will be no

entrance test; admission will be granted based on the marks obtained in the qualifying examination.

- Admission granted will be cancelled at any time, if it is found that the information furnished by the candidate is false or incorrect or if, at a later stage, it is found that the candidate does not fulfill the eligibility criteria prescribed for the course.

- The University is not responsible for any postal delay or non-receipt of select card/ admission intimation, etc.

- Only selected candidates will be informed of their selection. The list will also be hosted on the University website.

- The candidates selected for admission to M.Sc. & Ph.D. Marine Biology and Disaster Management offered in Andaman centre should give an undertaking in writing to the University that they join the course at their own risk and shall take an insurance policy to the tune of Rs.5 lakhs.

- The University reserves the right to increase/ decrease the intake of any of the programmes. The University also reserves the right not to offer any of its courses due to administrative reasons.

- The Overall Merit Lists, Selection and Waiting Lists will be hosted in the University website.

# RESERVATION

## SC/ST Candidates

In accordance with the policy of the Government of India and the guidelines of the University Grants Commission, the University has reserved 15% of seats in each course for candidates belonging to the Scheduled Castes and 7.5% for those belonging to the Scheduled Tribes with a provision for inter-changeability between these categories, wherever necessary. All SC/ST candidates who have passed the qualifying examination are eligible to apply for admission irrespective of the percentage of marks obtained in the qualifying examination except otherwise specified. Candidates should submit a certificate about their caste from a Revenue Officer not below the rank of the Tahsildar at the time of admission.

## OBC Candidates

The Pondicherry University is implementing 27% reservation for OBC category (Non-Creamy Layer) as per Government of India instructions.

## Differently abled Candidates

3% of seats in each course are reserved for the differently abled candidates. Each differently abled candidate shall be required to submit a certificate from a government hospital indicating the extent of physical disability and also the extent to which the disability hampers the candidate in pursuing his/her studies. The candidates may have to undergo a fresh medical examination if required by the University before being admitted.

## Candidates from the Union Territory of Puducherry

25% of the seats are reserved for the Puducherry Union territory candidates with respect to

M.B.A.(Tourism),  
M.Sc., (Ecology and Environmental Sciences),  
M.Sc. (Physics),  
M.Sc. (Biochemistry & Molecular Biology),  
M.Sc (Computer Science),  
M.Sc.(Applied Geology),  
M.A.(Applied Economics),  
M.Tech. (Computer Science & Engineering),  
M.A. (Mass Communication),  
M.A. (South Asian Studies),  
Master of Library & Information Science,  
Master of Education,  
Master of Social Work,  
M.Tech. (Network & Internet Engineering),  
M.Tech. (Environmental Engineering & Management),  
M.Sc. (Applied Psychology),  
M.Sc. Electronic Media and  
M.Sc. (Food Science & Nutrition).

20% reservation is given for Pondicherry UT candidates in MBA(Business Administration) course.

For all the other P.G Courses 25 % reservation for the candidate for Union territory Puducherry has been approved by the University. However, the sanction from the appropriate authorities of Govt. of India is expected. The same will be implemented if sanctioned for the year 2015 - 16 .

In respect of MCA, M.Sc. Computer Science & M.Com. (Business Finance) which are offered at both Karikal and Puducherry Campuses the reservation will be as follows:

**Karikal Campus:** 25% for Karikal residents failing which for students from other regions of Puducherry.

**Puducherry Campus:** 25% for Puducherry, Mahe & Yanam residents, failing which for students from Karikal.

Two Students hailing from the Union Territory of Puducherry shall be admitted to M.Sc. Biotechnology programme based on the merit list prepared by Jawaharlal Nehru University, New Delhi.

## Reservation of two seats under Supernumerary Quota for Jammu & Kashmir candidates:

As per the instructions of UGC, two seats under supernumerary quota have been created for admitting the students from the State of Jammu & Kashmir for General courses. The admission shall be made as per the guidelines prescribed in this regard by UGC/AICTE.

## Reservation in Ph.D programmes offered at Affiliated Institutions

The reservation to the Ph.D programmes offered at Affiliated Institutions shall be made to the extent mentioned under the respective Institutions in the chapter 'Ph.D ADMISSION REQUIREMENTS'.

## Definition of Residence of Union Territory of Puducherry

An applicant is considered to be a resident of Puducherry provided he/she is an Indian national and satisfies at least one of the following criteria:

(i) Those candidates or whose parents have been residing continuously in this Union Territory for at least the last five years as on 1-7-2015.

(ii) Those who have passed the graduation or any higher public examination and for that purpose had under gone academic training.

(iii) Children of the spouse of Central/State Government employees/ Defence personnel/ employees of Public Sector Undertakings wholly or substantially run either by the Central Government or by the Puducherry Administration posted in Puducherry at the time of admission or who have declared Union Territory of Puducherry as their home town and so certified by their respective Head of Office.

(iv) Children of Defence personnel who were killed or disabled in action and children of the Central Government employees / Defence personnel / Employees of Public Sector Undertakings as referred to in category who died while in service in Puducherry.

(v) French nationals residing in the Union Territory of Puducherry and covered by the terms of the Treaty of Cessions shall be treated on a par with candidates who produce the prescribed Puducherry Union Territory Residence Certificate. Such French nationals will not be required to produce a residence certificate, but instead should produce a certificate of registration issued for this purpose from the French Consulate at Puducherry. These French nationals shall not be considered for admission under the quota of non-residents.

**Admission of Defence Personnel**

1) Admission will be provided for the Army and Air Force Personnel in the following courses of Pondicherry University as per the number of seats mentioned against each in accordance with the terms and conditions of the MoU and regulations of the University.

Sl.No.	Name of the Course	No. of Seats
<b>ARMY PERSONNEL</b>		
1.	M.A (South Asian Studies)	10
2.	MBA (All five)	2 each (10)
3.	Ph.D. - All subjects of Social Sciences and Humanities (External / Full time)	Max of 20 per year (subject to a maximum of 2 seats in each Department)
4.	Resident Research Scholars in South Asian Studies (Chairs of Excellence)	Max of five per year
<b>AIR FORCE PERSONNEL</b>		
1	MBA (Business Administration)	4
2	MBA (International Business)	4
3	Ph.D. - All subjects of Social Sciences and Humanities (External / Full time)	5
4	M.A South Asian Studies	5
5	Resident Research Scholars in South Asian Studies (Chairs of Excellence)	5
6	M.Tech (ECE)	2
7	M.Tech (Computer Science)	2
8	M.Tech (Nano Science and Technology)	2

- 2) The number of seats to be allotted will be over and above the sanctioned strength in each subject mentioned above.
- 3) The defence personnel nominated by the respective Headquarters have to fulfill the minimum eligibility criteria prescribed for various courses.
- 4) The nominated defence personnel shall, however, write the Entrance Examination. A separate merit list will be prepared for these seats from amongst the defence candidates.

**Concession for the Wards of Kashmiri Migrants in Admissions Based on the Instructions of MHRD:**

- (i) Extension in date of admission by about 30 days.
- (ii) Relaxation in cut-off percentage up to 10% subject to minimum eligibility requirement.
- (iii) Increase in intake capacity up to 5% course-wise.
- (iv) Reservation of at least one seat in merit quota in technical/ professional institutions.
- (v) Waiving of domicile requirements.
- (vi) Facilitation of migration in second and subsequent years.

# ADMISSION REQUIREMENTS

## Admission requirements for Ph.D. programmes

### Educational Qualification (Ph.D. full-time and Part-time)

(a) Candidates who have studied under 10+2+3 pattern of education (or 10+2+5) and qualified for the Master's Degree in the subject concerned or in allied subject and qualifications as pre-scribed by the regulations for the subject concerned under all the Schools/ Departments/ Centres of Humanities and Social Sciences, Management, Commerce, Science, Education, Fine Arts and Languages and such other disciplines of Pondicherry University, or a degree accepted as equivalent by the University securing a minimum of 55% marks (or equivalent grade).

(b) Candidates who have studied under 10+2 pattern of education and qualified for the Master's degree in the Schools/ Faculties of Law, Engineering and Technology, Agriculture, Veterinary Science or the degree of Doctor of Medicine or Master of Surgery in the Faculty of Medicine of this University or any other University, through regular full time study, recognized by this University securing a minimum of 55% marks (or equivalent grade).

(c) Candidates who have studied under 10+2 pattern of education and qualified for the Degree of Master of Science of three-year duration in the School/ Faculty of Medicine of this University or of any other University recognized by this University securing a minimum of 55% marks (or equivalent grade).

(d) Candidates of Indian origin or overseas students who have qualified for a Master's Degree of an accredited overseas university securing a minimum of 55% marks (or equivalent grade).

### Requirement of Experience Ph.D. Part-Time (Internal)

(a) Teacher candidates working in College/ University departments and such other institutions recognized by Pondicherry University with at least one year of continuous teaching experience at degree and/ or post-graduate level in the subject concerned.

(b) Teacher candidates teaching in Recognized Schools at the High School level/ Polytechnic colleges situated within the jurisdiction of Pondicherry University and have put in at least 5 years of continuous teaching experience in the subject concerned.

(c) Non-teaching staff employed in a time scale of pay in this University and other affiliated research institutions provided that (i) the candidate has at least 10 years of work experience of which at least two years should be relevant to the field of research proof of which to be evidenced through two research papers published in standard journals OR (ii) the candidate has at least 5 years of work experience with M.Phil. in the subject concerned and published two research papers in standard journals in the subject concerned.

(d) Candidates under the regulations of part-time (Internal) shall be required to work in a department approved for research by this University while the Guide/ Supervisor may or may not be working in the same department. Interdisciplinary research for such part-time internal candidates shall be allowed only with the approval of the Chairperson of the Academic Council.

(e) Candidates under the regulations of part-time (Internal) are prohibited from taking any other remunerative assignments or joining any other course of study without the prior approval of the Chairperson of Academic Council.

### Requirement of Experience Ph.D. Part-time (External)

(a) Permanent academic staff of colleges/ universities/ other educational institutions of higher learning/ Research & Development Laboratories and Organizations with at least two years of continuous teaching/ research experience.

(b) Employees with a minimum of ten years of experience in Government, Local Bodies, recognized Institutes, Public Sector Undertakings, Non-Governmental Organizations, provided the candidate has experience in the relevant field of research for at least three continuous years out of ten years of service and published, at least, two papers in standard journals or reports/ monologues/ book of equivalent standard or a patent registered, in the concerned subject/ area of research.

(c) Technocrats, Scientists, Social Scientists & Scholars and Administrators with at least 10 years of experience in India or abroad and educational qualifications as prescribed for Ph.D. full-time and Part-time programme, having sufficient exposure in research & development and generated useful data/ patent/ knowledge as evidenced by their contributions in their respective area of research.

(d) A candidate possessing a master's degree from an accredited overseas university and who is residing abroad or working abroad in a university/industry may also apply. Such applications shall be routed through the concerned department and placed before the Ph.D. admission committee. There shall be sufficient correspondence between the candidate and the supervisor to effectively evaluate the candidate's potential and feasibility of supervision on the identified topic. A well written research proposal should be placed before the admission committee along with the consent of the supervisor.

(e) The candidate would be required to give a seminar on the proposed topic of research in the concerned School/ Department/ Centre. Such a seminar may be fixed with mutual convenience of the candidate, the supervisor and the admission committee and held before the application along with research proposal is sent to the University. The admission committee/University may also adapt any other method of evaluation of the candidate which will also form the basis for considering the provisional admission to the candidate. The Admission Committee/ University should

be convinced of the potential of the candidate to carry out research.

(f) All the part-time internal as well as external candidates applying for admission to the Ph.D. program should submit at the time of interview, a clear written proposal of the research to be conducted, giving sufficient back-ground material and the proposed line of research, and obtain the consent of a guide duly recognized by the University within the University area. In case of candidates working outside the University area, a Co-guide duly recognized by the University may be permitted, if necessary, in addition to the University Guide/ Supervisor on the recommendation of Doctoral Committee. Mere possession of required educational and other qualifications alone can not be claimed as a right for admission to the Ph.D. programme in the Pondicherry University.

### Mode of admission

(full-time and Part-time)

(a) The admission to the Ph.D Programmes shall be made as per the following criteria :

- Entrance Exam - 70 %
- Personal Interview & Academic Record - 30 %

The candidates mentioned in para (b), (c), (d), (e), (f) & (g) below are exempted from entrance test.

(b) Teacher candidates working in the institutions admitted to the privileges of this University and other Universities provided they are qualified, have at least one year of continuous teaching experience at degree and/ or post-graduate level in the subject concerned and granted leave for the required period, under Quality Improvement Program or equivalent program to do full-time PhD are exempted from the admission test.

(c) The admission test is waived off for candidates who have qualified National Eligibility Test/ UGC/ CSIR or UGC Rajiv Gandhi Fellowship for SC/ST or DBT-BINC or Maulana Azad Fellowship for minorities or DST-INSPIRE or such other examination recognized by University as equivalent and awarded a Junior Research fellowship (JRF). These candidates could be admitted any time of the year, on the recommendation of the Admission Committee constituted by the Head of Department with the approval of the Dean of the concerned School. NET without JRF qualified candidates will have to take the entrance test.

(d) Candidates admitted under MoU between Pondicherry University and an University/ Institution in India or abroad where specific clause(s) exist for registration of candidates to PhD degree by the university and those selected under international cultural/ educational exchange schemes of Government of India/ UN bodies are exempted from taking the admission test.

(e) Pondicherry University teachers and teachers from affiliated colleges who have cleared NET Lecturership seeking admission to part-time PhD are exempted from the written admission test and are eligible to register immediately after completing probation in the University.

(f) Non-resident Indians and foreigners residing/ working abroad, who are otherwise qualified and working in academics/ research/ industry at least for five year, are also exempted from entrance test but they shall give a seminar before the Admission Committee which shall evaluate and give its opinion about suitability of the candidate for admission to the Ph.D. Part time (external) program. NRI and foreign candidates with enormous professional experiences and having proven aptitude for the research exhibited through publications will only be considered by the admission committee under this clause. Their publications will be evaluated by the Department Committee before called for giving a seminar. The NRI and foreign candidates who apply for Ph.D. (Full-time) programme and fulfill the required eligibility criteria for Ph.D. (Full-time) are also exempted from entrance test, but they shall give a seminar before the Admission Committee.

(g) Persons with five years of industry experience, including in the field of media, who have a rich collection of data in their field and seeking admission to Ph.D. Part-time (external) are exempted from written entrance exam, but they have to give a seminar before the Admission Committee which shall evaluate and recommend on the suitability of the candidate for admission to the Chairperson, Academic Council. While conducting the seminar for such candidates, one external expert may be included in the admission committee, in addition to V.C.'s nominee. Such candidates, not exceeding two, could be registered at a time in a Department.

### Ph.D Admission under Exemption category

The eligibility for exemption from the entrance examinations will be decided by the Admission Committee on a stringent criteria and the decision of the committee will be final in this regard. The Admission Committee is expected to meet only after the dates of the entrance examinations. In the past, many candidates who have claimed exemption, have not been finally found eligible for such exemption. Keeping the above in view Hall tickets for entrance examination will be issued, including those who have claimed "exemption from entrance examination" in the application form. It is up to the candidate, at their own risk, to decide whether to write the entrance examination or stick to their claim for exemption. Since there is a possibility that the claim for exemption from entrance examination by the candidate may be rejected by the Admission Committee, **all candidates are advised to take-up the entrance examination**, if they are not very clear about their claim for exemption.

## Ph.D. ADMISSION REQUIREMENTS

Course Code	Subject	Intake	Eligibility criteria for admission	Date & time of Entrance Examination
167	Adult & Continuing Education	3	Master's degree in Humanities, Social Sciences or any other related discipline with a minimum of 55% of marks	29.05.2015 12.30 p.m to 02.30 p.m
101	Anthropology	5	Master's degree in Anthropology/ Ecology/ Forensic Medicine/ Home Science/ Population Studies/ Sociology / Women's Studies / Humanities and Social Sciences or any other related discipline with a minimum of 55 % of marks	29.05.2015 04.00 p.m to 06.00 p.m
157	Applied Psychology	3	Master's Degree in Psychology/ Applied Psychology with a minimum of 55% of marks	29.05.2015 09.00 a.m to 11.00 a.m
-	Asian Christian Studies	-	M.A. degree in Christian studies from any University or its equivalent with a minimum of 55% of marks	-
146	Banking Technology	10	M. B. A. (Banking Technology)/ M. B. A. (Finance/ Systems)/ M.Com. Business Finance/ PGDM of IIMs/ equivalent Management Degree with Banking/ Finance specializations/ M.E./ M.Tech. (Computer Science/ Information Technology)/ MCA / M.Sc. (Computer Science)/ M.Sc. (Information Technology)/ other professional degrees like C.A., ICWAI, ACS, CAIIB, etc. with a minimum of 60% of marks in all degrees	29.05.2015 09.00 a.m to 11.00 a.m
-	Biochemistry & Molecular Biology	-	Master's degree in Biochemistry/ Molecular Biology/ Biotechnology/ Microbiology with a minimum of 55% of marks.	-
104	Bioinformatics	8	Master's degree in Bioinformatics/ Life Sciences/ Computer Science/ Physics/ Chemistry/ Applied Mathematics/ Statistics/ IT & Engineering or any other relevant areas with a minimum of 55% of marks.	29.05.2015 12.30 p.m to 02.30 p.m
-	Biotechnology	-	Master's degree in Agriculture/ Biochemistry/ Biotechnology/ Botany/ Microbiology/ Veterinary Science/ Zoology or in any other related areas with a minimum of 55% of marks	-
107	Chemistry	28	Master's degree in chemistry/Chemical Sciences/Material Science / Applied or Industrial Chemistry/Pharmaceutical Chemistry / any other related areas in chemistry with a minimum of 55% of marks. Candidates wishing to apply for the fields of Physical Chemistry / Photochemistry/Materials Science should have studied maths at +2 level and of theoretical Chemistry should have studied allied maths at B.Sc. level. In case, Maths is required for a specific field of research, admitted candidate should complete a bridge course in Maths to register for the Ph. D program	31.05.2015 04.00 p.m to 06.00 p.m
105	Commerce	6 (Puducherry) 8 (Karaikal)	Master's degree in Commerce with a minimum of 55% of marks	31.05.2015 04.00 p.m to 06.00 p.m

Course Code	Subject	Intake	Eligibility criteria for admission	Date & time of Entrance Examination
106	Computer Science & Engg.	26 (Puducherry) 2 (Karaikal)	M.E. / M.Tech in Computer Science and Engineering or Information Technology OR M.E. / M.Tech in Electronics and / or Communication Engineering OR M.E. / M.Tech in Electrical Engineering OR other related specializations in Computer, IT, Electronics and Electrical Engineering with a minimum of 55% marks OR M.E./M.Tech./M.S. Specializations in Animation Systems / GIS / Remote Sensing / Space Technology with Basic Degree in Computer Science and Engineering / Information Technology OR MCA/ M.S./ M.Sc. in Computer Science/ Information Technology/ Software Engineering or equivalent with a minimum of 55% marks.	29.05.2015 04.00 p.m to 06.00 p.m
-	Disaster Management (Port Blair, Andamans)	-	Master's degree in Geology/ Geography/ Geo-Physics/ Chemistry/ Physics/ Maths/ M.Tech./ ME with a minimum of 55% of Marks	-
140	Drama & Theatre Arts	6	Master's degree in Drama & Theatre Arts or in Folk Arts/ Visual Arts/ Dance/ Dance Drama/ Media Arts (Journalism & Mass Communication, Film Technology)/ Dramatic Literature/ Ancient Tamil Arts/ Information Science with a minimum of 55% of marks and knowledge and Experience in Drama and Theatre Arts/ Media Arts	29.05.2015 04.00 p.m to 06.00 p.m
110	Earth Sciences	5	Master's degree in Geology/ Applied Geology/ Marine Geology/ Geophysics/ Ecology and Environmental Sciences/ Physics/ Chemistry/ Oceanography with a minimum of 55% of marks.	29.05.2015 12.30 p.m to 02.30 p.m
111	Ecology & Environmental Sciences	6	Master's degree in Ecology & Environmental Sciences or anyrelated branch of Science or Technology with a minimum of 55% of marks.	31.05.2015 04.00 p.m to 06.00 p.m
-	Economics	-	Master's degree in Economics with a minimum of 55% of marks	-
151	Education	4	M.Ed/M.Ed. (Elementary Education)/ M.Ed. (Educational Technology)/ M.A. Education with B.Ed./ M.Sc.Education with B.Ed. with a minimum of 55% of marks	29.05.2015 04.00 p.m to 06.00 p.m
154	Electronic Media	3	Master's Degree with 55% marks in Electronic Media, Journalism, Mass Communication, Fine Arts, Visual Arts & Performing Arts	29.05.2015 12.30 p.m to 02.30 p.m
138	Electronics and Communication Engineering	6	B.E./B.Tech. degree followed by M.E./M.Tech. degree in Electronics/Communication Systems/ Information Technology/ Electronics and Communication Engineering/ Electronics and Telecommunication Engineering / other related specializations with an overall minimum aggregate of 55% of marks or equivalent in the qualifying examination (M.E./M.Tech.)	29.05.2015 09.00 a.m to 11.00 a.m
109	English	9	Master's degree in English with a minimum of 55% of marks	30.05.2015 09.00 a.m to 11.00 a.m
-	Environmental Technology	-	Master's degree in Science/ Technology with a minimum of 55% of marks	-
-	European Studies	-	Master's degree in Social Sciences and European Languages with a minimum of 55% of mark	-
152	Food Science & Nutrition	1	Master's degree in Food Science and Nutrition/ Home Science/ Microbiology/ Biotechnology with a minimum of 55% of marks	31.05.2015 04.00 p.m to 06.00 p.m
158	Food Science & Technology	5	Master's degree in Food Science and Technology/Food Engineering/Food Technology/ Food Process Engineering/ Agricultural Engineering/ Chemical Engineering/ Microbiology/ Industrial Biotechnology/ Biotechnology with a minimum of 55% of marks	29.05.2015 04.00 p.m to 06.00 p.m



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Course Code	Subject	Intake	Eligibility criteria for admission	Date & time of Entrance Examination
113	French	5	Master's degree in French with a minimum of 55% of marks	29.05.2015 12.30 p.m to 02.30 p.m
159	Green Energy Technology	5	M.Sc in Physics/ Physics with photonics/ optoelectronics(1), M.Sc Physics or M.E/ M.Tech in Mechanical/ green Energy Technology / Electrical and Electronics specialization at B.E/B.Tech level (2), M.Sc in Physics/ Chemistry, Materials Science or M.E/ M.Tech in Nanoscience and Technology, M.Sc/M.Tech in green Energy Technology/ Chemistry/ Materials Science/ Nanoscience and Technology	29.05.2015 04.00 p.m to 06.00 p.m
115	Hindi	2	Master's degree in Hindi with a minimum of 55% of marks	29.05.2015 12.30 p.m to 02.30 p.m
-	History	-	Master degree in History/ Ancient History and Archaeology with a minimum of 55% of marks.	-
145	International Business	8	MBA (International Business) MBA (Marketing, Finance, HR, Tourism, Systems), MIBA, M.Com., Master's degree in Foreign Trade, Economics, and other relevant disciplines with a minimum of 55% of marks.	29.05.2015 04.00 p.m to 06.00 p.m
-	Law	-	Master's degree in Law with a minimum of 55 % marks	-
-	Library & Information Science	-	Master's degree in Library and Information Science with a minimum of 55% marks	-
117	Management	14 (Puducherry) 20 (Karaikal)	For Puducherry Campus: Master's degree in Management, Commerce, Industrial Engineering, Industrial Management, Production Engineering, Foreign Trade, Operations Research, Statistics, Public Administration, Sociology, Social Work, Economics, Psychology, Tourism, Hospitality, Hospital Management, Business Administration, Mass Communication and other relevant disciplines with a minimum of 55% of marks. Candidates with affiliation to Examination Oriented Professional bodies such as ICAI, ICSI and ICWAI and any other relevant disciplines may also be considered.  For Karaikal campus: Master's degree in Management, Business Administration, Insurance Management, Foreign Trade, Operations Research, Statistics, Public Administration, Sociology, Social Work, Tourism, Hospitality, Hospital Management, Retail Management, Telecommunications Management, Mass Communication and other relevant disciplines with a minimum of 55% of marks. Candidates who have cleared fellowship examinations of Insurance Institute of India (III) , Chartered Insurance Institute London, Institute of Actuaries India and those who have cleared relevant examinations from Professional bodies such as ICAI, ICSI and ICWAI are also considered.	29.05.2015 12.30 p.m to 02.30 p.m
119	Marine Biology (Port Blair, Andaman)	9	Master's Degree in Marine Biology / Zoology / Botany / Biochemistry / Biotechnology / Fisheries / Life Science with a minimum of 55% of marks	29.05.2015 04.00 p.m to 06.00 p.m
155	Mass Communication	3	Master's Degree with 55% of marks in Mass Communication, Journalism, Electronic Media	29.05.2015 04.00 p.m to 06.00 p.m

Course Code	Subject	Intake	Eligibility criteria for admission	Date & time of Entrance Examination
118	Mathematics	6	Master's degree in Mathematics with a minimum of 55% of marks	31.05.2015 04.00 p.m to 06.00 p.m
128	Microbiology	8	Master's degree in Microbiology/ Biotechnology/ Botany/ Biochemistry/Veterinary Science/ Zoology/Medicine or in any other related areas with a minimum of 55% of marks	31.05.2015 04.00 p.m to 06.00 p.m
160	Nanoscience and Technology	9	M.Tech Nanoscience and Technology with B.E. or B.Tech in any branch-(5 Nos.) M.Tech. with B.E. & B.Tech. Mechanical Engineering – ( 1 No) M.Tech. Biomedical Engineering – (2 Nos) M.Tech. Nanoscience and Technology with B.Tech. in Biotechnology – (1 No) with 55% of marks.	29.05.2015 09.00 a.m to 11.00 a.m
120	Philosophy	5	Master's degree in Philosophy with a minimum of 55% of marks	31.05.2015 04.00 p.m to 06.00 p.m
121	Physical Education & Sports	4	Master's degree in Physical Education with a minimum of 55% of marks	29.05.2015 12.30 p.m to 02.30 p.m
122	Physics	12	Master's degree in Physics/ Material Science and Technology with a minimum of 55% of marks	29.05.2015 12.30 p.m to 02.30 p.m
116	Politics & International Studies	12	Master's degree in any discipline with a minimum of 55% of marks	29.05.2015 12.30 p.m to 02.30 p.m
123	Sanskrit	9	Master's or Acharya degree in Sanskrit with a minimum of 55% of marks	29.05.2015 12.30 p.m to 02.30 p.m
170	Social Exclusion and Inclusive Policies	2	Master degree in Anthropology/ Sociology / Gender Studies with a minimum of 55% of marks.	29.05.2015 12.30 p.m to 02.30 p.m
-	Social Work	-	Master's degree in Social Work with a minimum of 55% of marks	-
-	Sociology	-	Master's degree in Sociology with a minimum of 55% of marks	-
-	South Asian Studies	-	M.A. in Political Science/ International Relations/ South Asian Studies/ Economics/ History/ Sociology or related disciplines with minimum of 55% of marks	-
161	Southern Asia Studies	2	M.A. in Political Science/ International Relations/ South Asian Studies/ Economics/ History/ Sociology/ Defence Studies or related disciplines with minimum of 55% of marks	29.05.2015 12.30 p.m to 02.30 p.m
149	Statistics	2	Master's degree in Statistics with a minimum of 55% marks	29.05.2015 12.30 p.m to 02.30 p.m
125	Tamil	1	Master's degree in Tamil with a minimum of 55% of marks	29.05.2015 04.00 p.m to 06.00 p.m
142	Tourism Studies	3	M.B.A Tourism, M.T.A, M.A. (Tourism), M.T.M, Master's degree in Hospitality Management, M.B.A with a minimum of 55% of marks.	29.05.2015 04.00 p.m to 06.00 p.m
-	Women's Studies	-	Master's degree in any discipline with a minimum of 55% of marks	-

**PH.D. PROGRAMMES OFFERED IN THE AFFILIATED COLLEGES/ INSTITUTIONS OF PONDICHERRY UNIVERSITY**

● **Vector Control Research Centre (VCRC), Puducherry**  
*(Candidates employed in Research Projects (NET/JRF qualified)\* and Permanent employees involved in research at VCRC \*\* only are eligible)*

Course Code	Subject	Intake	Eligibility criteria for admission	Date & time of Entrance Examination
129	Zoology	2	Master's degree in Zoology/ Medical Entomology/ Public Health Entomology or any other related area with minimum of 55% of marks.	29.05.2015 04.00 p.m to 06.00 p.m

\* Full-time Ph.D. Programme, \*\* Part-time Ph.D. programme

● **Regional Medical Research Centre (RMRC), Port Blair, A&N Islands**

135	Entomology	4	Master's degree in the subject concerned or a Master's degree accepted as equivalent by the University with a minimum of 55 % of marks	29.05.2015 09.00 a.m to 11.00 a.m
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● **Kanchi Mamunivar Centre for P.G. Studies (KMCPGS), Puducherry**  
*(Ph.D. admissions are restricted to candidates belonging to Union Territory of Puducherry only)*

136	Botany	5	Master's degree in the subject concerned or a Master's degree accepted as equivalent by the University with a minimum of 55 % of marks	29.05.2015 04.00 p.m to 06.00 p.m
105	Commerce	8	Master's degree in Commerce with a minimum of 55% of marks	31.05.2015 04.00 p.m to 06.00 p.m
109	English <sup>#</sup>	2	Master's degree in English with a minimum of 55% marks.	30.05.2015 09.00 a.m to 11.00 a.m
122	Physics <sup>#</sup>	4	Master's degree in Physics/ Material Science and Technology with a minimum of 55 % of marks	29.05.2015 12.30 p.m to 02.30 p.m
125	Tamil	9	Master's degree in Tamil with a minimum of 55% of marks	29.05.2015 04.00 p.m to 06.00 p.m
129	Zoology	8	Master's degree in the subject concerned or a Master's degree accepted as equivalent by the University with a minimum of 55 % of marks	29.05.2015 04.00 p.m to 06.00 p.m

● Pondicherry Engineering College (PEC), Puducherry  
 (The reservation shall be accordance with the policy of the UT Government of Puducherry. 75% of the seats are reserved for candidates from UT of Puducherry and 25% of the seats reserved for candidate from other states/UTs.)

Course Code	Subject	Intake	Eligibility criteria for admission	Date & time of Entrance Examination
107	Chemistry	2	Master's degree in Chemistry / Chemical Sciences / Material Science / Applied or Industrial Chemistry / Pharmaceutical Chemistry / any other related areas in Chemistry with a minimum of 55% of marks. Candidates wishing to apply for the fields of Physical Chemistry / Photochemistry / Materials Science should have studied maths at +2 level and of Theoretical Chemistry should have studied allied maths at B. Sc level.	31.05.2015 04.00 p.m to 06.00 p.m
137	Civil Engineering	20	(a) M.E./ M.Tech. degree in Civil Engineering with a minimum of 55% of marks or equivalent with specialization in: i) Structural Engineering ii) Geotechnical Engineering iii) Hydraulic & water Resource Engineering irrigation water Management / Ocean Engg. iv) Transportation Engineering v) Advanced surveying and Photogrammetry vi) Environmental Engineering / Environmental Technology / Environmental Management / Advanced Construction Technology. vii) Geo informatics viii) Urban Engineering / Town & Country planning (b) M.E. / M.Tech. degree in any branch of Engg. with a minimum of 55% or equivalent with specialization in: Energy Technology / Environmental Bio - Technology / Bio-Technology / Bio-Chemical Engg./ Industrial Biotechnology	29.05.2015 12.30 p.m to 02.30 p.m
106	Computer Science & Engineering	46	M.E. / M.Tech in Computer Science and Engineering or Information Technology OR M.E. / M.Tech in Electronics and / or Communication Engineering OR M.E. / M.Tech in Electrical Engineering OR other related specializations in Computer, IT, Electronics and Electrical Engineering with a minimum of 55% marks OR M.E./M.Tech./M.S. Specializations in Animation Systems / GIS / Remote Sensing / Space Technology with Basic Degree in Computer Science and Engineering / Information Technology OR MCA/ M.S./ M.Sc. in Computer Science/ Information Technology/ Software Engineering or equivalent with a minimum of 55% marks.	29.05.2015 04.00 p.m to 06.00 p.m
141	Electrical and Electronics Engg.	7*	Masters' degree in specializations related to Electrical and Electronics Engineering with a minimum of 55% of marks.	29.05.2015 12.30 p.m to 02.30 p.m
138	Electronics & Communication Engg.	14	B.E./B.Tech. degree and M.E./M.Tech. degree in Electronics/ Communication Systems/ Information Technology/ Electronics and Communication Engineering/ Electronics and Telecommunication Engineering / other related specializations with an overall minimum aggregate of 55% of marks or equivalent in the qualifying examination (M.E./M.Tech.)	29.05.2015 09.00 a.m to 11.00 a.m
118	Mathematics	4	Master's degree in Mathematics with a minimum of 55 % of marks	31.05.2015 04.00 p.m to 06.00 p.m
139	Mechanical Engg.	6	B.E./ B.Tech. Degree and M.E./ M.Tech. Degree in Mechanical Engg. or a Master's degree accepted as equivalent by the University with a minimum of 55 % of marks	29.05.2015 09.00 a.m to 11.00 a.m
122	Physics	3	Master's degree in Physics/ Material Science and Technology with a minimum of 55 % of marks	29.05.2015 12.30 p.m to 02.30 p.m

\* Subject to change depending on the availability of supervisors and infrastructure available at the time of admission.

● Zoological Survey of India (ZSI), Port Blair				
111	Ecology	1	Master's degree in Zoology/Marine Biology/Wildlife Biology/ Ecology/ Life Sciences with a minimum of 55% of marks	31.05.2015 04.00 p.m to 06.00 p.m
132	Taxonomy	1	Master's degree in Zoology/Marine Biology/ Wildlife Biology/ Ecology/ Life Sciences with a minimum of 55% of marks	31.05.2015 12.30 p.m to 02.30 p.m
133	Zoogeography	1	Master's degree in Zoology/Marine Biology/Wildlife Biology/ Ecology/ Life Sciences with a minimum of 55% of marks	29.05.2015 09.00 a.m to 11.00 a.m

● Bharathidasan Womens' College, Puducherry				
134	Home Science (All branches)	2**	Master's degree in any branch of Home Science	29.05.2015 09.00 a.m to 11.00 a.m

\*\* Includes both Full-time and Part-time Internal & External.

● French Institute of Pondicherry (IFP), Puducherry				
Course Code	Subject <sup>1</sup>	Intake	Eligibility criteria for admission	Date & time of Entrance Examination
<i>No Courses offered for the academic year 2015-16</i>				

● Ecole Francaise D'extreme- Orient, Puducherry				
123	Sanskrit	2	Master's or Acharya degree in Sanskrit with a minimum of 55% of marks	29.05.2015 12.30 p.m to 02.30 p.m
114	History	1	Master's degree in History/ Ancient History and Archaeology with a minimum of 55% of marks	30.05.2015 09.00 a.m to 11.00 a.m
125	Tamil	1	Master's degree in Tamil with a minimum of 55 % marks	29.05.2015 04.00 p.m to 06.00 p.m

The name of faculty members recognised to guide Ph.D. research in the affiliated institutions are given under the Chapter "Affiliated Institutions - Ph.D. Supervisors".

**Note:**

- 1) In respect of Ph.D subjects (e.g. Chemistry, Physics, etc.) which are offered both in the University Departments and in the affiliated institution(s), the candidates should appear for a common entrance examination. The selection will be based on a common merit list. The candidates will have the option to join either in the University department or in the affiliated Institution as per their choice vis-à-vis their position in the merit list, subject to fulfillment of the eligibility and residential conditions.
- 2) The intake for Ph.D programmes are subject to change based on the availability of vacancies with the concerned supervisors.

## INTEGRATED P.G. – PH.D. PROGRAMME

M.A. - Ph.D. Hindi

M.Sc. - Ph.D. Bio-Technology

M.Tech. - Ph.D. Environmental Engineering & Mgt.

### INTRODUCTION

The concern of the nation has been about enhancing the quality of research in Universities, as well as increasing the number of students pursuing research and obtaining Doctoral degrees.

Integrated Ph.D. program gives unique opportunity to obtain Ph.D. degree within a shorter duration and is very useful to the students who plan to build their career in research or higher education. This program offers research orientation from the third semester onwards by giving specialized courses in the area of research the student plans to pursue. The fourth semester is entirely devoted to research project which could be a pilot or precursor to the Ph.D. research work. On completion of all the credit requirements the student enters into the part II of the program which is entirely research.

### ADMISSION AND OTHER GENERAL CONDITIONS

1. No separate application and entrance examination for the Integrated Ph.D. Programmes.

2. Admission of students to the programmes will be made as per the merit lists of the respective regular P.G. programmes (Not exceeding 10 per year).

3. Intake will be decided by the respective Heads of Departments at the time of admission.

**4. A candidate joining the integrated Ph.D. program shall get a monthly stipend of Rs.1000/- for four semesters (20 months) and Rs. 8000/- per month for the next three years extendable by one year. During the Ph.D. period, the candidate is also eligible for contingency from UGC.**

5. The students admitted to integrated Ph.D. program shall take courses of first three semesters together with the students of main stream Master's degree program.

6. Students with a CGPA of 6 or more on completion of mandated credits at the end of 4 semesters are eligible to proceed to Part II of the Ph.D. program. Others will be eligible for award of PG degree if they have completed the credit requirements for that degree.

7. The student who has CGPA of 6 or more on completion of four semesters may be permitted to exit the program with the P.G. degree on successful completion of credit requirements for that degree, however, he or she shall have to refund the entire stipend of Rs.1000/- per month paid.

8. Evaluation and award of grades during first four semester will be governed by the CBCS regulations.

9. The students of integrated Ph.D. program are advised to take additional courses in the same department or any other department in order to meet the deficiencies for pursuing Ph.D. program.

10. The successful candidate shall get two degrees after the award of Ph.D. degree namely, M.A./ M.Sc./ M.Tech., as applicable, along with the Ph.D. degree.

11. All other regulations for regular Ph.D. program also apply to integrated Ph.D. program.

POST GRADUATE COURSES

Course Code	Title of P.G. course and Subject		Intake	Eligibility criteria for admission	Date & time of Entrance Examination
349	M.A.	Anthropology	36	Bachelor's degree in any discipline with a minimum of 50 % of marks	31.05.2015 04.00 p.m to 06.00 p.m
350	M.A.	Applied Economics	62	Bachelor's degree in Economics (with Quantitative Techniques / Statistics) or Bachelors degree in Mathematics/ Statistics/ Operations Research/ Cooperation and Banking with a minimum of 50% of marks	30.05.2015 09.00 a.m to 11.00 a.m
356	M.A.	English & Comparative Literature	100	Bachelor's degree in English with a minimum of 50% of marks in part III or a high second class in English under part I or Part II.	31.05.2015 12.30 p.m to 02.30 p.m
357	M.A.	French (Translation & Interpretation)	60	Bachelor's degree in French with a minimum of 50%. Any undergraduate degree with 2 years of french in Part-1 with atleast 55% of marks in french and 50% in the aggregate of the main subjects in Part-III. Any undergraduate degree with an aggregate of 50% in the main subjects in Part-III with Diploma in French(2 years) from any Indian University.	29.05.2015 12.30 p.m to 02.30 p.m
358	M.A.	Hindi	26	Bachelor's degree in Hindi with a minimum of 50% of marks or any degree with Hindi as a subject of study under part I or II or any degree with rastrabhasha Praveen degree obtained from Dakshin Bharat Hindi Prachar Sabha	29.05.2015 04.00 p.m to 06.00 p.m
359	M.A.	History	60	Bachelor's degree in History with 50% minimum marks or B.A. in social sciences (political science, economics and sociology) with history as an ancillary or subsidiary paper with 50% marks	31.05.2015 09.00 a.m to 11.00 a.m
386	M.A.	Mass Communication	46	Bachelor's degree in any discipline with a minimum of 50 % of marks	30.05.2015 09.00 a.m to 11.00 a.m
361	M.A.	Philosophy	31	Bachelor's degree in any discipline with a minimum of 50 % of marks	29.05.2015 09.00 a.m to 11.00 a.m
362	M.A.	Politics and International Relations	60	Bachelor's degree in any discipline with a minimum of 50 % of marks	30.05.2015 04.00 p.m to 06.00 p.m
363	M.A.	Sanskrit	15	Bachelor's degree in Sanskrit with a minimum of 50% of marks or Sanskrit as a subject under part I or II/ minor/ optional in the bachelor's degree or traditional degree (Sastry/ Siromani/ Vidya Praveena)	29.05.2015 09.00 a.m to 11.00 a.m
364	M.A.	Sociology	52	Bachelor's degree in any discipline with a minimum of 50% of marks	29.05.2015 04.00 p.m to 06.00 p.m
385	M.A.	South Asian Studies	40	Bachelor's degree in any discipline with a minimum of 50 % of marks	29.05.2015 12.30 p.m to 02.30 p.m
366	M.A.	Tamil	60	Bachelor's degree in Tamil/ B.Litt. with a minimum of 55% of marks or any Bachelor's degree (other than Tamil) having Tamil under part I with a minimum of 55% of marks	29.05.2015 09.00 a.m to 11.00 a.m

Course Code	Title of P.G. course and Subject		Intake	Eligibility criteria for admission	Date & time of Entrance Examination
313	M.Sc	Astrophysics	12	B.Sc. Physics/ Electronics/ Mathematics/ Applied Physics with a minimum percentage of 55% of Marks in part III (OR) Four year B.E./ B.Tech. in Electronics/ ECE/ Electrical/ EEE/ Optics/ Engineering Physics/ Applied Physics/ Mechanical/ Instrumentation/ Computer Science with a minimum of 55% in main subjects.	29.05.2015 12.30 p.m to 02.30 p.m
367	M.Sc.	Applied Geology	35	Bachelor's degree in Geology as the major subject and any two out of the following - Mathematics, Physics, Chemistry, Biology as ancillary subjects with a minimum of 55% of marks	30.05.2015 09.00 a.m to 11.00 a.m
388	M.Sc.	Applied Psychology	52	B.A./ B.Sc. (Hons) three years course in Psychology with at least 55% marks OR Bachelor's degree with at least 55% marks in aggregate in any discipline with Psychology as one of the subjects for all three years.	31.05.2015 09.00 a.m to 11.00 a.m
368	M.Sc.	Biochemistry & Molecular Biology	52	Bachelor's degree in Biochemistry/ B.Sc. (M.L.T.)/ Chemistry/ Zoology/ Biotechnology / Microbiology with a minimum of 55% of marks	30.05.2015 12.30 p.m to 02.30 p.m
378	M.Sc.	Bioinformatics	40	Bachelor's degree in any relevant area of Physics/ Chemistry/ Computer Science/ Life Science/ with a minimum of 55% of marks	29.05.2015 04.00 p.m to 06.00 p.m
303	M.Sc.	Biotechnology	32 (23* + 9**)	Bachelor's degree in Agriculture/ Biochemistry/ Biotechnology/ Botany/ Microbiology/ Veterinary Science/ Zoology or in other related areas with a minimum of 55% of marks	29.05.2015 12.30 p.m to 02.30 p.m
369	M.Sc.	Chemical Sciences	60	Bachelor's degree in Chemistry with a minimum of 55% of marks in Part III. Candidates should have studied Maths at +2 level.	29.05.2015 09.00 a.m to 11.00 a.m
370	M.Sc.	Computer Science	60 (Pondicherry) 26 (Karaikal)	Bachelor's degree in Computer Science/ Applications/ Information Technology any other equivalent course with a minimum of 55% of marks	30.05.2015 12.30 p.m to 02.30 p.m
379	M.Sc.	Disaster Management (at Port Blair)#	31	Bachelor's degree in any discipline in Science/ B.A. Geography/ B.E. Civil Engineering / Electrical and Electronics Engineering with a minimum of 55% of marks	30.05.2015 09.00 a.m to 11.00 a.m
371	M.Sc.	Ecology & Environmental Sciences	60	Bachelor's degree in any discipline, i.e. in Science, Arts, Humanities, Technology, etc. with a minimum of 55% of marks and working knowledge of Mathematics and Science subjects at higher secondary level.	29.05.2015 04.00 p.m to 06.00 p.m

\* Students are admitted based on merit in the All India entrance examination conducted by Jawaharlal Nehru University, New Delhi

\*\* Students are admitted to Integrated M.Sc-Ph.D programme based on merit in the entrance examination conducted by Pondicherry University.

# The admission process for the M.Sc Disaster Management will be conducted at Pondicherry University main campus for the convenience of the students.



Course Code	Title of P.G. course and Subject		Intake	Eligibility criteria for admission	Date & time of Entrance Examination
387	M.Sc.	Electronic Media	46	Bachelor's degree with 55% of marks in Electronic Media/ Journalism / Visual Communication/Visual Arts/Performing Arts/Sciences OR Bachelor's Degree in any discipline with a minimum of 55% of marks with one year Diploma in Computer Applications	29.05.2015 12.30 p.m to 02.30 p.m
389	M.Sc.	Food Science and Nutrition	40	Bachelor's degree in food and Nutrition/ Food Technology/ Food Science and Quality Control/ Clinical Nutrition and Dietetics or Composite/ General Home Science/ Biochemistry/ Biotechnology /Microbiology/ Agriculture dairy or fisheries or any other allied science subjects under life sciences at B.Sc. level with a minimum of 55% of marks	29.05.2015 12.30 p.m to 02.30 p.m
396	M.Sc.	Food Science and Technology	18	B.Sc./ B.Tech in Agriculture/ Agricultural Engineering/ Home Science/Food Technology/Food Science and Nutrition/Food Science and Quality Control/ Clinical Nutrition/Biochemistry/ Biotechnology/ Microbiology and other life science related subjects. Maths at +2/ PUC level is compulsory	31.05.2015 09.00 a.m to 11.00 a.m
373	M.Sc.	Marine Biology (at Port Blair)	52	Bachelor's Degree in Botany / Biochemistry / Biotechnology / Fisheries and Aquaculture / Microbiology / Zoology with a minimum of 55% marks	31.05.2015 12.30 p.m to 02.30 p.m
372	M.Sc.	Mathematics	64	Bachelor's degree in Mathematics with a minimum of 55% of marks	30.05.2015 09.00 a.m to 11.00 a.m
308	M.Sc.	Microbiology	26	Bachelor's degree in Microbiology / Biotechnology/ Botany/ Biochemistry/B.Sc., MLT/ Zoology/ or in any other branch of Life Sciences with a minimum of 55% of marks	30.05.2015 09.00 a.m to 11.00 a.m
374	M.Sc.	Physics	60	Bachelor's degree in Physics with a minimum of 55% of marks	30.05.2015 04.00 p.m to 06.00 p.m
314	M.Sc.	Quantitative Finance	30	A candidate who has secured 55% marks or above in any one of the following or equivalent is eligible to apply. B. Sc. (Maths), B. Sc. (Statistics), B.Com (with Mathematics), B.A(Eco) (With Mathematics), Bachelor's degree in Engineering (Computer Science & Engineering/ Information Technology) or Bachelor's degree in Computer Science/Computer Applications/ Information Technology.	29.05.2015 09.00 a.m to 11.00 a.m
375	M.Sc.	Statistics	60	Bachelor's degree in Statistics or Mathematics with Mathematical Statistics as a allied subject with a minimum of 55% of marks	29.05.2015 04.00 p.m to 06.00 p.m
376	M.Tech.	Computer Science & Engineering	24	B.Tech./ B.E. in Computer Science and Engineering Engineering/ Information Technology or M.Sc. in Computer Science/InformationTechnology/ Software Engineering or MCA with Bachelor's degree in Computer Science/ Computer Applications/ Mathematics/Statistics/ Physics/ Electronics/ Applied Sciences with a minimum of 55% of marks	31.05.2015 09.00 a.m to 11.00 a.m

# The admission process for the M.Sc Marine Biology will be conducted at Pondicherry University main campus for the convenience of the students.

Course Code	Title of P.G. course and Subject		Intake	Eligibility criteria for admission	Date & time of Entrance Examination
310	M.Tech	Computational Biology **	30 (15 per Univ.)	1) Minimum of 55% of marks in Master's degree in any relevant area of Bioinformatics/ Physics/ Chemistry/ Mathematics/ Statistics/ Computer Science/ Biotechnology/ Biochemistry/ Microbiology/ Plant Biology/ Botany/ Animal Biology/ Zoology for Pondicherry University 2) Minimum of 55% of marks in B.Tech/B.E degree in Industrial Biotechnology, Biotechnology, Pharmaceutical Technology, Food Technology, Bioinformatics, Chemical Engineering, Leather, Bioengineering, Information Technology, Information Science, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering, Biomedical Engineering, Electronics and Instrumentation Engineering for both Anna University and Pondicherry University	31.05.2015 12.30 p.m to 02.30 p.m
304	M.Tech.	Electronics and Communication Engineering	30	B.E./B.Tech. degree in Electronics/ Electronics and Communication Engineering/ Information Technology/ Electronics and Telecommunication Engineering or equivalent with a minimum of 55% of marks	29.05.2015 09.00 a.m to 11.00 a.m
393	M.Tech.	Environmental Engineering & Management	24	B.Tech. / B.E. degree with a minimum of 55% of marks. OR M.Sc. in Physics/Chemistry /Mathematics/ Life / Environmental Sciences with a minimum of 55% of marks	31.05.2015 12.30 p.m to 02.30 p.m
306	M.Tech.	Exploration Geoscience	8	Master's degree in Geology/Applied Geology/ Marine Geology with a minimum of 55% marks	29.05.2015 09.00 a.m to 11.00 a.m
307	M.Tech.	Green Energy Technology	26*+8# (# SAF Sponsored)	B.E/B.Tech in Mechanical, Electrical, Civil, Electronics, Chemical or Biotechnology or M.Sc in Physics, Chemistry, Material Science, Nanoscience or Photonics with Mathematic at B.Sc level with at least 55% marks in qualifying examination.	30.05.2015 09.00 a.m to 11.00 a.m
305	M.Tech.	Nano Science & Technology	26	M.Sc. (Physics / Chemistry / Applied Chemistry / Electronics / Materials Science); BE / B.Tech (Electronics/ Electrical / Instrumentation/ Mechanical / Chemical/ Metallurgy & Materials Engineering / Biotechnology) with overall marks of 55% in the above mentioned courses. For SC/ST students mere pass in the above mentioned courses	29.05.2015 04.00 p.m to 06.00 p.m
394	M.Tech.	Network & Internet Engineering	24	B.Tech. / B.E. in Computer Science and Engineering / Information Technology / Engineering Electronics & Communication Engineering / Electrical and Electronics Engineering / Electronics & Instrumentation Engineering with a minimum of 55% of marks OR M.Sc., in Computer Science / Information Technology / Software Engineering with a minimum of 55% of marks OR MCA with Bachelor's degree in Computer Science / Computer Applications / Mathematics / Statistics / Physics / Electronics / Applied Science with a minimum of 55% of marks in each degree.	29.05.2015 12.30 p.m to 02.30 p.m

\*\* Network teaching programme in collaboration with Anna University, Chennai. Admission to Anna University, Chennai will also be based on the entrance exam conducted by Pondicherry University

\* Among them 15 students will be awarded MNRE-NREF fellowship as per GOI Norms.

Course Code	Title of P.G. course and Subject		Intake	Eligibility criteria for admission	Date & time of Entrance Examination
381	M.B.A.	Banking Technology	72	Bachelor's degree in Engineering (Computer Science & Engineering/ Information Technology) or Bachelor's degree in Computer Science/ Information Technology or Bachelor's of Computer Applications or Bachelor's Engineering degree in ECE, Electrical and Electronics Engineering, Electronics and Instrumentation, Instrumentation and Control Engineering or B.Com. (Computer Applications) or any other Bachelor's degree with PGDCA (only from recognized universities) with a minimum of 55% marks in all degrees/ diploma	30.05.2015 Afternoon  1. The exact timing of the entrance examination will be intimated in the hall ticket.
397	M.B.A.	Business Administration	138  (118 through Entrance Examination + 2 Andaman & Nicobar + 18 Foreign students)	Bachelor's degree in any discipline with a minimum of 50 % of marks.	2. The entrance exam will be common for all these 5 MBA courses.
395	M.B.A.	Insurance Management (Karaikal)	40	Graduates must be (10+2+3/4/5 pattern) with a minimum average of 50% marks (in Part III in case of arts, science, commerce, humanities etc. degrees and in case of other professional degrees like engineering in the applicable years of graduation). The graduation can be in any discipline, but from a recognized university from India or abroad.	3. The student desirous of applying for more than one MBA programme have to apply separately for each of the Programme.
382	M.B.A.	International Business	72	Bachelor's degree in any discipline with a minimum of 50 % of marks	
383	M.B.A.	Tourism	72	Bachelor's degree in any discipline with a minimum of 50 % of marks	
352	M.C.A.	Computer Applications	120 (Puducherry) 40 (Karaikal)	Bachelor's degree in Computer Applications/ Computer Science/ Information Technology or Bachelor's degree in Commerce/ Corporate Secretaryship/ Economics / Business Administration with Mathematics/ Business Mathematics / Statistics /Computer Applications as one of the subjects or Bachelor's degree in Science with Mathematics/ Statistics as one of the subjects with a minimum of 55% marks	31.05.2015 12.30 p.m to 02.30 p.m
351	M.Com.	Business Finance	120 (Puducherry) 40 (Karaikal)	Bachelor's degree in Commerce/ Foreign Trade/ Corporate Secretaryship/ B.B.A./ B.C.M./ B.A Co-op./ B.Com. (Edn.)/ B.Com.(Vocational) with a minimum of 50% of marks	31.05.2015 04.00 p.m to 06.00 p.m
311	M.Com.	Accounting & Taxation	60	Any Bachelor's degree in Commerce or any other degree with degree level papers in Accounting are eligible with a minimum of 50% of marks	30.05.2015 12.30 p.m to 02.30 p.m
392	M.Ed.	Master of Education	35	B.Ed. degree / Four year Integrated B.A. Ed./ B.Sc. B.Ed. / B.Com. Ed. of recognised universities with a minimum of 50% of marks	29.05.2015 04.00 p.m to 06.00 p.m

Course Code	Title of P.G. course and Subject		Intake	Eligibility criteria for admission	Date & time of Entrance Examination	
390	M.L.I.S	Master of Library and Information Science	35	Any degree with a minimum of 50 % of marks	29.05.2015 04.00 p.m to 06.00 p.m	
354	M.P.A.	Master of Performing Arts (Theatre Arts)	31	Bachelor's degree in any discipline with a minimum of 50 % of marks	29.05.2015 12.30 p.m to 02.30 p.m	
377	M.P.Ed.	Physical Education	40	(a) Bachelor of Physical Education (B.P.Ed.,) or equivalent with at least 50% marks. OR Bachelor of Science (B.Sc.,) in Health and Physical Education with at least 50% marks. (b) The reservation in seats and relaxation in the qualifying marks for SC/ST/OBC/PWD and other categories shall be as per the rules of the Central Government / State Government whichever is applicable <b>Admission Procedure</b> Admission shall be made on merit on the basis of marks obtained in the entrance examination (written test, fitness test, interview and percentage in qualifying examination) or any other selection process as per the policy of the State Government / Affiliating University.	31.05.2015 04.00 p.m to 06.00 p.m	
				Men		Women
				100 meters Shot-put (16 lbs) 12 minutes run/ walk		100 meters Shot-put (8 lbs) 8 minutes run/ walk
				(c) Games Proficiency Test in any one of the following games: Badminton, Basketball, Cricket, Football, Handball, Hockey, Kabaddi, Kho-Kho, Tennis and Volleyball. Maximum: 50 marks. (d) Entrance examination: 50 marks. (objective type)		
391	M.S.W.	Master of Social Work	52	Bachelor's degree in any discipline with a minimum of 50 % of marks	31.05.2015 09.00 a.m to 11.00 a.m	
312	LL.M		20	L.L.B. Degree with not less than 50% of marks(45% in case of SC/ ST) in the aggregate in all the 3 years/ 5years of L.L.B Degree Course	29.05.2015 04.00 p.m to 06.00 p.m	

● Five Year Integrated M.Sc. Programme for +2 Students in the School of Physical, Chemical and Applied Sciences

380	M.Sc.	Applied Geology	31	Pass in +2 with 50% of marks and should have studied Physics, Chemistry and Mathematics	31.05.2015 09.00 a.m to 11.00 a.m
	M.Sc.	Chemistry	31	Pass in +2 with 50% of marks and should have studied Physics, Chemistry and Mathematics	
	M.Sc.	Physics	31	Pass in +2 with 50% of marks and should have studied Physics, Chemistry and Mathematics	

## PROSPECTUS 2015-16

### ● Five Year Integrated M.A. Programme for +2 Students in the School of Social Sciences and International Studies

315	M.A.	History	20	Pass in +2 with a minimum of 50% of marks	29.05.2015 12.30 p.m to 02.30 p.m
	M.A.	Political Science	20		
	M.A.	Sociology	20		

### ● Five Year Integrated M.Sc. Programme for +2 Students in the Ramanujan School of Mathematical Sciences

384	M.Sc.	Mathematics	20	Pass in +2 with a minimum of 50% of marks with Mathematics, Physics and Chemistry as subjects of study (Candidates with other branches in +2 are not eligible for this programme)	31.05.2015 04.00 p.m to 06.00 p.m
	M.Sc.	Computer Science	20		
	M.Sc.	Statistics	20		

### ● Five Year Integrated M.Sc. Programme for +2 Students in the School of Management

309	M.Sc.	Economics	30	Pass in +2 with a minimum of 50% of marks and should have studied Social Science and Mathematics as one of the papers	31.05.2015 12.30 p.m to 02.30 p.m
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## P.G. DIPLOMA PROGRAMME

For admission to P.G. Diploma Courses, candidates possessing the eligibility criteria indicated below and qualified under 10+2+3 system of study are eligible to apply.

Course Code	Course	Intake	Eligibility criteria for admission	Date & time of Entrance Examination
482	Food Safety and Quality Assurance in Food Industry	15	M.Sc. in Food Science and Nutrition / Food Science and Technology / Biotechnology/ Microbiology or M.Tech. in Food Technology / Biotechnology with minimum of 55% marks/B.Tech in Food Technology / Biotechnology with at least 2 years of experience in the food industry / B.Tech in Food technology with two year P.G. Diploma in Food Technology	31.05.2015 12.30 p.m to 02.30 p.m
483	Green Energy Technology	15	B.E/B.Tech in Mechanical, Electrical, Civil, Electronics, Chemical or Biotechnology or M.Sc in Physics, Chemistry, Material Science, Nanoscience or Photonics with Chemistry and Mathematics at B.Sc level with at least 55% marks in qualifying examination.	31.05.2015 12.30 p.m to 02.30 p.m

# FEES

1. The following fees are applicable only to the students admitted to University Departments.
2. The course fees for students admitted to Ph.D. programmes offered at Affiliated Institutions shall be as prescribed by the respective institution.

● Fee Table:1 - Ph.D. Programmes (Full Time and Part-Time Internal)

Sl. No	Item	Year			Account No.	
			I	II		III*
1.	Research Fee per annum	Humanities	3000	3000	3000	For I <sup>st</sup> year 6018625294  For subsequent years (II, III) 413264148
		Science	5000	5000	5000	
	For Foreign National (Per annum) SAARC / Developing Countries	Humanities	US \$ 500	US \$ 500	US \$ 500	
		Science	US \$ 1000	US \$ 1000	US \$ 1000	
	Western Countries	Humanities	US \$ 1000	US \$ 1000	US \$ 1000	
		Science	US \$ 2000	US \$ 2000	US \$ 2000	
2.	Registration		500			
3.	Matriculation Fee		100			
4.	Recognition fee		300			
5.	Sports Fund		300	300	300	For I <sup>st</sup> year 6018625806  For subsequent years (II, III) 413264171
6.	Medical Examination / Facilities Fund		300	300	300	
7.	Library Fund		1000	1000	1000	
8.	Advanced Lab Facility Fund(for Science Departments except Mathematics, Statistics, Applied Psychology and Library Science)		10000	10000	10000	
9.	Amenities Development Fund		6000			
10.	Students' Welfare Fund		300	300	300	
11.	Alumni Association Fund		100			
	Caution Deposit (Refundable)					
12.	Science Courses		2000			
	Other Courses		1000			
13.	Computer Facility Fund		2000	2000	2000	
14.	Group Medical Insurance (for full-time candidates only)		470			845872540
15.	University Development Fund		1000			413264251
	<b>TOTAL Humanities</b>		<b>16370</b>	<b>6900</b>	<b>6900</b>	
	<b>TOTAL Science</b>		<b>29370</b>	<b>18900</b>	<b>18900</b>	

\* These fees should be paid every year till the submission thesis.

● Fee Table:2 - Ph.D. Programmes PART-TIME EXTERNAL

Sl.No	Item	Year			Account No.	
			I	II		III*
1.	Research Fee per annum	Humanities	3000	3000	3000	For I <sup>st</sup> year 6018625294  For subsequent years (II, III) 413264148
		Science	5000	5000	5000	
	For Foreign National SAARC / Developing Countries	Humanities	US \$ 500	US\$ 500	US\$ 500	
		Science	US \$ 1000	US\$ 1000	US\$ 1000	
	Western Countries	Humanities	US \$ 1000	US\$ 1000	US\$ 1000	
		Science	US \$ 2000	US\$ 2000	US\$ 2000	
2.	Registration		500			
3.	Matriculation Fee		100			
4.	Recognition fee		300			
5.	Sports Fund		300	300	300	For I <sup>st</sup> year 6018625806  For subsequent years (II, III) 413264171
6.	Medical Examination / Facilities Fund		300	300	300	
7.	Library Fund		1000	1000	1000	
8.	Advanced Lab Facility Fund(for Science Departments except Mathematics, Statistics, Applied Psychology and Library Science)		10000	10000	10000	
9.	Amenities Development Fund		6000			
10.	Students' Welfare Fund		300	300	300	
11.	Alumni Association Fund		100			
12.	Caution Deposit (Refundable)					
	Science Courses		2000			
	Other Courses		1000			
13.	Computer Facility Fund		2000	2000	2000	
14.	University Development Fund		1000			
	<b>TOTAL Humanities</b>		<b>15900</b>	<b>6900</b>	<b>6900</b>	
	<b>TOTAL Science</b>		<b>28900</b>	<b>18900</b>	<b>18900</b>	

\* These fees should be paid every year till the submission thesis.

● Fee Table:3 - All M.A. Programmes (Except M.A. Economics)

Sl. No	Item	Semester				Account No.
		I	II	III	IV	
1.	Tuition Fee	1000	1000	1000	1000	For I <sup>st</sup> semester 6018625294
	For Foreign National SAARC / Developing Countries	US \$ 300	US \$ 300	US \$ 300	US \$ 300	
	Western Countries	US \$ 500	US \$ 500	US \$ 500	US \$ 500	
2.	Registration	200				For subsequent semesters (II, III & IV) 413264148
3.	Matriculation Fee	100				
4.	Recognition fee	300				
5.	Sports Fund	300		300		For I <sup>st</sup> Semester 6018625806
6.	Medical Examination / Facilities Fund	300		300		
7.	Library Fund	1000		1000		
8.	Computer Lab Fund	2000		2000		
9.	Amenities Development Fund	6000				
10.	Students' Welfare Fund	200		200		
11.	Alumni Association Fund	100				For III <sup>rd</sup> semester 413264171
12.	Caution Deposit (Refundable)	1000				
13.	Placement Activity fund			200		
14.	Academic Activity Fund	400		400		
15.	Field Study/ Tour Fund	1000		1000		
16.	Group Medical Insurance	200				845872540
17.	University Development Fund	1000				413264251
<b>TOTAL</b>		<b>15100</b>	<b>1000</b>	<b>6400</b>	<b>1000</b>	

● Fee Table: 4 - M.COM & M.A ECONOMICS/ M.P.Ed./ M.Ed./ M.L.I.S./ M.S.W./ M.P.A./ P.G. Diploma Programmes

Sl. No	Item	Semester				Account No.
		I	II	III	IV	
1.	Tuition Fee	2000	2000	2000	2000	For I <sup>st</sup> semester 6018625294
	For Foreign National SAARC / Developing Countries	US \$ 300	US \$ 300	US \$ 300	US \$ 300	
	Western Countries	US \$ 500	US \$ 500	US \$ 500	US \$ 500	
2.	Registration	200				For subsequent semesters (II, III & IV) 413264148
3.	Matriculation Fee	100				
4.	Recognition fee	300				
5.	Sports Fund	300		300		For I <sup>st</sup> Semester 6018625806
6.	Medical Examination / Facilities Fund	300		300		
7.	Library Fund	1000		1000		
8.	Computer Lab Fund	2000		2000		
9.	Amenities Development Fund	6000				
10.	Students' Welfare Fund	200		200		
11.	Alumni Association Fund	100				For III <sup>rd</sup> semester 413264171
12.	Caution Deposit (Refundable)	1000				
13.	Placement Activity fund			200		
14.	Academic Activity Fund	400		400		
15.	Field Study/ Tour Fund	1000		1000		
16.	Group Medical Insurance	200/100*				845872540
17.	University Development Fund	1000				413264251
<b>TOTAL (Except P.G. Diploma courses)</b>		<b>16100</b>	<b>2000</b>	<b>7400</b>	<b>2000</b>	
<b>TOTAL P.G. Diploma courses only</b>		<b>16000</b>	<b>2000</b>			



● Fee Table: 5 - ALL M.Sc/M.Tech Programmes (Except Five Year Integrated P.G. Programmes )

Sl. No	Item	I	II	III	IV	Account No.	
1.	Tuition Fee	2000	2000	2000	2000	For 1 <sup>st</sup> semester 6018625294	
	For Foreign National SAARC / Developing Countries	US \$ 300	US \$ 300	US \$ 300	US \$ 300		
	Western Countries	US \$ 500	US \$ 500	US \$ 500	US \$ 500		
2.	Registration	200				For subsequent semesters (II, III & IV) 413264148	
3.	Matriculation Fee	100					
4.	Recognition fee	300					
5.	Sports Fund	300		300			For 1 <sup>st</sup> Semester 6018625806
6.	Medical Examination / Facilities Fund	300		300			
7.	Library Fund	1000		1000			
8.	Laboratory Fund/Computer Lab Fund/Wet Lab Fund	2000		2000			
9.	Amenities Development Fund	6000					
10.	Students' Welfare Fund	200		200			
11.	Alumni Association Fund	100				For III <sup>rd</sup> semester 413264171	
12.	Caution Deposit (Refundable)	1000					
13.	Advanced Lab Facility Fund	2000		2000			
14.	Placement Activity fund			200			
15.	Academic Activity Fund	400		400			
16.	Field Study/ Tour Fund	1000		1000			
17.	Group Medical Insurance	200				845872540	
18.	University Development Fund	1000				413264251	
<b>TOTAL M.Sc/ M.Tech</b>		<b>18100</b>	<b>2000</b>	<b>9400</b>	<b>2000</b>		

● Fee Table: 6 - ALL MBA Programmes

Sl. No	Item	Semester				Account No.
		I	II	III	IV	
1.	Tuition Fee	5000	5000	5000	5000	For I <sup>st</sup> semester 6018625294
	For Foreign National SAARC / Developing Countries	US \$ 500	US \$ 500	US \$ 500	US \$ 500	
	Western Countries	US \$ 1000	US \$ 1000	US \$ 1000	US \$ 1000	
2.	Registration	200				For subsequent semesters (II, III & IV) 413264148
3.	Matriculation Fee	100				
4.	Recognition fee	300				
5.	Sports Fund	300		300		
6.	Medical Examination / Facilities Fund	300		300		For I <sup>st</sup> Semester 6018625806
7.	Library Fund	1000		1000		
8.	Computer Lab Fund	2000		2000		
9.	Amenities Development Fund	6000				
10.	Students' Welfare Fund	200		200		
11.	Alumni Association Fund	100				
12.	Caution Deposit (Refundable)	2000				
13.	Industry Interface Fund	10000				
14.	Advanced Lab Facility Fund	200		200		
15.	Placement Activity fund			2500		
16.	Academic Activity Fund	10000		10000		For III <sup>rd</sup> semester 413264171
17.	Field Study/ Tour Fund	1000		1000		
18.	Group Medical Insurance	200				
19.	University Development Fund	1000				
	<b>TOTAL</b>	<b>39900</b>	<b>5000</b>	<b>22500</b>	<b>5000</b>	

● Fee Table: 7 - MCA Programme

Sl. No	Item	Semester						Account No.
		I	II	III	IV	V	VI	
1.	Tuition Fee	3000	3000	3000	3000	3000	3000	For I <sup>st</sup> semester 6018625294
	For Foreign National SAARC / Developing Countries	US \$ 300	US \$ 300	US \$ 300	US \$ 300	US \$ 300	US \$ 300	
	Western Countries	US \$ 500	US \$ 500	US \$ 500	US \$ 500	US \$ 500	US \$ 500	
2.	Registration	200						For subsequent semesters (II to VI) 413264148
3.	Matriculation Fee	100						
4.	Recognition fee	300						
5.	Sports Fund	300		300		300		
6.	Medical Examination / Facilities Fund	300		300		300		For subsequent semesters (III & V) 413264171
7.	Library Fund	1000		1000		1000		
8.	Computer Lab Fund	2000		2000		2000		
9.	Amenities Development Fund	6000						
10.	Students' Welfare Fund	200		200		200		
11.	Alumni Association Fund	100						
12.	Caution Deposit (Refundable)	2000						
13.	Advanced Lab Facility Fund	400		400		400		
14.	Placement Activity fund					200		
15.	Academic Activity Fund	400		400		400		
16.	Field Study/ Tour Fund	1000		1000		1000		
17.	Group Medical Insurance	270						845872540
18.	University Development Fund	1000						413264251
	<b>TOTAL</b>	<b>18570</b>	<b>3000</b>	<b>8600</b>	<b>3000</b>	<b>8800</b>	<b>3000</b>	

● Fee Table: 8 - ALL FIVE YEAR INTEGRATED P.G Programmes (contd...)

Sl. No	Item	Semester		
		I	II	III
1.	Tuition Fee	2000	2000	2000
	For Foreign National SAARC / Developing Countries	US \$ 300	US \$ 300	US \$ 300
	Western Countries	US \$ 500	US \$ 500	US \$ 500
2.	Registration	200		
3.	Matriculation Fee	100		
4.	Recognition fee	300		
5.	Sports Fund	300		300
6.	Medical Examination / Facilities Fund	300		300
7.	Library Fund	1000		1000
8.	Laboratory Fund/Computer Lab Fund/Wet Lab Fund	2000		2000
9.	Amenities Development Fund	6000		
10.	Students' Welfare Fund	200		200
11.	Alumni Association Fund	100		
12.	Caution Deposit (Refundable)			
	Science Courses	2000		
	Other Courses	1000		
13.	Advanced Lab Facility Fund (only for Science Departments)	400		400
14.	Placement Activity fund			
15.	Academic Activity Fund	400		400
16.	Field Study/ Tour Fund	1000		1000
17.	Group Medical Insurance	470		
18.	University Development Fund	1000		
	<b>TOTAL (Sciences)</b>	<b>17770</b>	<b>2000</b>	<b>7600</b>
	<b>TOTAL (Humanities)</b>	<b>16370</b>		

**Payment of Fees**

All the students including Ph.D. scholars shall pay all the fees to the University at the time of admission and for the subsequent semesters within ten days from the beginning of each semester. Examinations fees shall be payable on or before the last date prescribed in this regard. If the above dates fall on Saturdays or Sundays or any other holidays, the last date for payment of the above fees will be the preceding working day.

The differently abled students are exempted from payment of all fees, including examination fees. They should pay only the prescribed refundable caution deposits and Group Medical Insurance premium.

The Account Number in which various kinds of Fees/Funds/Deposits are to be remitted in the Indian Bank Branch at the University Campus is indicated against each. The facility of online payment will be available shortly. If a student does not pay the fee on time, late payment fine, shall be levied as follows at the time of payment:

(i) @ 5.00 rupees per day for the first 10 days

(ii) @ 10.00 rupees per day thereafter upto the last day of the month in which the fees is due.

The Vice-Chancellor, or on his behalf, any other officer to whom this power has been delegated, may relax any of the conditions for payment of fees in special cases, on recommendation of Academic Advisory Committee. Names of the defaulters shall be removed from the rolls of the University with effect from the first day of the following month. A student whose name has been struck off from the rolls of the University, under the above clause, may be re-admitted on the recommendation of the Dean/HOD/ Coordinator of the Dept./Centres concerned and on payment of arrears of fees in full and other dues, together with a re-admission fee of Rs.1000/- plus University Development Fund of Rs. 500/-.

**Refund of Fees, caution deposits, etc.**

Caution deposit money are refundable, on an application from the student on his/her leaving the University, after deducting all dues against him/her.

If any student does not claim the refund of

any amount lying to his/her credit within one calendar year of his/ her leaving the University, it shall be deemed to have been donated by him/ her to the Students' Aid Fund. The period of one year shall be reckoned from the date of announcement of the result of the examination due to be taken by the student or the date from which his/her name is struck off from the rolls of the University whichever is earlier. If, after having paid the fees, a candidate desires to discontinue he/ she shall be refunded all fees after deducting Rs.1000/- provided he/she discontinues on or before 01.09.2015.

If a student owes any money to the University on account of any damage he/ she may have caused to the University property, it shall along with outstanding tuition fees and fines, if any, be deducted from the security deposit due to him/her. Provided that these provisions shall not apply to students in the affiliated colleges. Students shall not be issued hall tickets or allowed to appear at the examination unless they have cleared their dues, paid the prescribed examination fee and produced a "No-dues" certificates.

**FIVE YEAR INTEGRATED P.G COURSE (192 CREDITS)**

Semester							Account No.
IV	V	VI	VII	VIII	IX	X	For 1 <sup>st</sup> semester 6018625294 For subsequent semesters (II to X) 413264148
2000	2000	2000	2000	2000	2000	2000	
US \$ 300	US \$ 300	US \$ 300	US \$ 300	US \$ 300	US \$ 300	US \$ 300	
US \$ 500	US \$ 500	US \$ 500	US \$ 500	US \$ 500	US \$ 500	US \$ 500	
	300		300		300		For 1 <sup>st</sup> Semester 6018625806 For subsequent semesters (III, V, VII & IX) 413264171
	300		300		300		
	1000		1000		1000		
	2000		2000		2000		
	200		200		200		
	400		400		400		
					200		
	400		400		400		
	1000		1000		1000		
							845872540
							413264251
<b>2000</b>	<b>7600</b>	<b>2000</b>	<b>7600</b>	<b>2000</b>	<b>7800</b>	<b>2000</b>	

● Fee Table: 9 - LLM Programmes

Sl. No	Item	Trimester			Account No.
		I	II	III	
1.	Tuition Fee	5000	5000	5000	For 1 <sup>st</sup> semester 6018625294
	For Foreign National SAARC / Developing Countries	US \$ 500	US \$ 500	US \$ 500	
	Western Countries	US \$ 1000	US \$ 1000	US \$ 1000	
2.	Registration	200			For subsequent semesters (II & III) 413264148
3.	Matriculation Fee	100			
4.	Recognition fee	300			
5.	Reading Material Fee	3000	3000	3000	
6.	Sports Fund	300			
7.	Medical Examination / Facilities Fund	300			For 1 <sup>st</sup> Semester 6018625806
8.	Library Fund	5000			
9.	Computer Lab Fund	2000			
10.	Amenities Development Fund	6000			
11.	Students' Welfare Fund	200			
12.	Alumni Association Fund	100			
13.	Library Caution Deposit (Refundable)	5000			
14.	Placement Activity fund	2500			
15.	Academic Activity Fund	10000			
16.	Field Study/ Tour Fund	1000			
17.	Group Medical Insurance	200			845872540
18.	University Development Fund	1000			413264251
	<b>TOTAL</b>	<b>42200</b>	<b>8000</b>	<b>8000</b>	

# HOSTELS

Pondicherry University has twenty hostels on the campus at present. Of which thirteen are for boys, seven are for girls. Of the thirteen boys' hostels, 9 are for PG courses and four for Research Scholars. Of the seven girls' hostels, six are for PG students and one is for Research Scholars. Due to limited accommodation students from distant places will be given preference.

## Foreign Students Hostels

The University has well furnished AC & non AC facilities for the foreign students to stay in C.V.Raman Hostel for boys (50 rooms) and Madame Curie Hostel for girls (50 rooms). The fee structure is different from the general hostel fees.

## Hostel Admission

Since limited hostel facility is available, hostel accommodation can be given to one third of the students to be admitted for each course. Admission to the Hostel will be subject to the recommendation of the concerned Head of the Department, the approval of the Chief Warden, and availability of rooms.

## Hostel fees

**Refundable:** The caution deposit of Rs.3000/- (for Indian nationals) and Rs.6000/- (for foreign national) is to be paid while joining the hostel. This will be refunded after vacating the hostel by means of account transfer/ account payee Cheque subject to surrender of original Challan after deducting dues if any. Open Cheque will not be issued under any circumstances. Therefore student must necessarily open Bank Account.

**Non - Refundable:** The rent is to be paid every year at the beginning of the Academic year in June/ July as follows:

- P.G students - Rs. 900/- p.a.
- Ph.D - Rs. 1800/- p.a.
- General Amenities Fund - Rs. 700/- p.a.
- Establishment Charges - Rs. 300/- p.a.
- Application Fees (at the time of admission only) – Rs. 50/-

No room rent is charged from girl students and SC/ ST boy students (copy of community certificate duly attested by a Gazetted Officer to be produced). Free

education including accommodation and food for differently abled students. The differently abled Students have to pay the Mess Fees and then claim for subsidy from the University Hostels. Copy of Medical Certificate duly attested by a Gazetted officer to be produced.

However they have to pay all other fees like application for hostel admission, General Amenities Fund, Establishment charges, Caution Deposit.

## Duration of Stay

PG – 2 years from the date of admission. Ph.D 4 years from the date of admission to the hostel.

Note: Except Research scholars all students must vacate the hostel during summer vacation. Disciplinary action will be taken against those hostlers who do not pay their dues on time. Students must obtain No Dues certificate for Mess & Room Rent from hostel office before writing semester exams producing challans for payment of Hostel dues. Those who are availing Bank Loan must keep their original challans for caution deposit for claiming refund while vacating hostel, and photo copies for other challans with Bank seal.

## Discipline

All hostel related communication from the inmate to the University authorities shall be routed through the proper channel, i.e. through the wardens of the respective hostels and Chief Warden. Any subversive activity, misdemeanor, obnoxious behavior, flouting of Hostel Rules & Regulation, misconduct, disobedience, ragging, failure to clear dues, etc. shall be severely punished, and even result in dismissal from the hostel by the University authority whose interpretation of the rules shall be final.

Set of rules and regulations applicable to the inmates of the students will be given to each student at the time of admissions into hostel.

Consumption of alcohol and narcotics is considered as a serious offence. Therefore, intoxication drugs or liquor should not be consumed in the campus. Smoking in the hostel premises is

prohibited. Fire-arms should not be brought to the hostel in any case. Such acts will mean immediate expulsion of the resident from the hostel.

## MESS

Students who are admitted to the hostels are provided food in the mess. Hostel mess is compulsory for all hostellers. No permission will be granted for dining outside the respective hostel mess under any circumstances. All the messes, except the research scholar's, have been outsourced. Five well equipped mega messes (three for boys & two for girls) are available for the use of students of the University. The hostel messes are run by experienced and qualified caterers. The messes offer meals at reasonable rates.

## MESS FEES

The mess fee is to be paid in two installments at the beginning of each semester in a year i.e. June and January

## Combating Ragging

Ragging or teasing of any one in any form is strictly prohibited in the University. The Students are therefore forbidden from indulging in such activities within the hostels. Ragging will invite very severe punishment including expulsion from the University. It is also punishable under law. No introductory meeting of the students is to be held in the hostels by the senior students.

## General facilities

The University Health Centre offers medical facilities round the clock to the students residing in the hostels. For the mobility of the students from Hostels to Departments, Library, Computer Center, etc., bus facility is provided within the campus for every half-an-hour during working days. In addition to University buses and vans, bicycles are also plying in the campus free of cost throughout the day covering all hostels to enable the students to visit departments, library, lab etc. Free Electric wheel chair is provided for physically challenged students at the mess. Wi-Fi connectivity is also provided to all hostels to enable the students to have internet access.

# CONDUCT & DISCIPLINE

**Pondicherry University has zero tolerance to**

**(a) Ragging**

**(b) Sexual Harrasment**

Students enrolled at Pondicherry University must abide by their duties and responsibilities to the University, to faculty and to other students. Failure to maintain appropriate standards of conduct will attract disciplinary action.

Students should not bring mobile phones to the Seminar Halls, Research Labs and Examination Halls: and should not use mobile phones in the classroom.

### **Misconduct**

Students' misconduct includes but is not limited to the following:

- a) disruption of classroom activity or hindering the learning of other students anywhere in the University;
- b) Copying / Cheating on assignments or in examinations;
- c) behaviour which interferes functioning of the University, disrupts education, endangers the health or safety

of staff or students, or damages any property within the campus including the University property;

d) pasting posters or conducting students' meetings / protests / processions within the campus without prior permission of the University Authorities;

e) the possession or use of intoxicating beverage inside the campus;

f) the possession or use of illicit drugs inside the campus;

g) the falsification of documents or providing false information in order to obtain admission to classes;

h) the possession of weapons; and

i) the failure to return loaned materials or settle dues to the University

### **Disciplinary Measures**

**Disciplinary action may include:**

- a) Reprimand or warning;
- b) fail mark for an assignment or

course;

c) suspension for a semester or more

d) withholding of official transcripts;

e) suspension of campus privileges including hostel accommodation;

f) suspension or expulsion from the University;

g) any other disciplinary action which the University authorities deem appropriate in the circumstances.

### **Prohibition of Ragging**

Ragging in any form is strictly prohibited.

Senior students are not permitted to invite their juniors to their rooms for any introduction meetings.

In the past, six students (hostellers) who were involved in ragging were expelled from the hostel for a period of one year.

## **Redressal Mechanisms**

The Anti - Ragging committee of the University consists of all Deans, Chaired by Director (SEI & RR). The list of members with their contact numbers is available on the University website

### **1) Anti-Ragging Committee**

Students can report any incident of ragging to the Registrar/Deans of respective Schools/Dean of Students' Welfare/ Chief Wardens (Men & Women) directly for remedial action

### **2) Students' Grievances Redressal Cell**

Students can report any grievances directly to the Dean, Students' Welfare for redressal.

### **3) Sexual Harassment Prevention Committee (SHPC)**

The University has a SHPC and the list of members with their contact phone numbers is available on the University Website. Any Sexual Harassment complaint can be reported to the Chairperson or any member of SHPC for redressal or can be recorded in the register report for this purpose in Registrar's office

### **4) Women's Cell**

Grievances relating to gender bias and discrimination affecting women in the campus can be reported to the Head of Women's Cell and the list of members of the cell with their contact phone numbers are available on the University Website.

# PROGRAMMES A-Z

with page numbers

**M.A.**

- 109. Anthropology
- 62. Applied Economics
- 97. English & Comparative Literature
- 99. French (Translation & Interpretation)
- 100. Hindi
- 112. History
- 124. Mass Communication
- 102. Philosophy
- 113. Politics and International Relations
- 101. Sanskrit
- 110. Sociology
- 115. South Asian Studies
- 56. Tamil

**M.Sc.**

- 79. Applied Geology
- 82. Applied Psychology
- 83. Astrophysics
- 85. Biochemistry & Molecular Biology
- 93. Bioinformatics
- 88. Biotechnology
- 77. Chemical Sciences
- 131. Computer Sciences
- 155. Computer Sciences (Karaikal)
- 157. Disaster Management
- 90. Ecology & Environmental Sciences
- 124. Electronic Media
- 92. Food Science and Nutrition
- 92. Food Science and Technology
- 157. Marine Biology
- 70. Mathematics
- 87. Microbiology
- 75. Physics
- 72. Quantitative Finance
- 71. Statistics

**M.Sc.****(Five Year Integrated Programmes)**

- 79. Applied Geology
- 77. Chemistry
- 132. Computer Science
- 62. Economics
- 112. History
- 70. Mathematics
- 75. Physics
- 113. Political Science
- 110. Sociology
- 71. Statistics

**M.Tech.**

- 131. Computer Science & Engineering
- 93. Computational Biology
- 132. ECE
- 134. Environmental Engineering & Management
- 79. Exploration Geosciences
- 137. Green Energy Technology
- 139. Nano Sciences & Technology
- 131. Network & Internet Engineering

**MBA**

- 65. Banking Technology
- 58. Business Administration
- 151. Insurance Management
- 67. International Business
- 63. Tourism

**MCA, M.COM., M.ED., MLIS, LLM, M.P.ED., MSW, M.P.A.**

- 131. Computer Applications
- 155. Computer Applications (Karaikal)
- 106. Drama & Theatre Arts
- 60. Business Finance
- 152. Business Finance (Karaikal)

- 60. Accounting & Taxation
- 128. Library and Information Science
- 119. Master of Education
- 106. Master of Performing Arts (Theatre Arts)
- 103. Physical Education & Sports
- 111. Master of Social Work
- 141. LLM

**Ph.D.**

- 120. Adult & Continuing Education
- 109. Anthropology
- 82. Applied Psychology
- 104. Asian Christian Studies
- 65. Banking Technology
- 85. Biochemistry & Molecular Biology
- 93. Bioinformatics
- 88. Biotechnology
- 77. Chemistry
- 60. Commerce
- 153. Commerce (Karaikal)
- 131. Computer Science & Engineering
- 154. Computer Science(Karaikal)
- 156. Disaster Management
- 106. Drama & Theatre Arts
- 79. Earth Sciences
- 90. Ecology & Environmental Sciences
- 62. Economics
- 119. Education
- 124. Electronic Media
- 133. ECE
- 97. English
- 114. European Studies
- 136. Environmental Technology
- 92. Food Science & Nutrition
- 92. Food Science & Technology
- 99. French

- 137. Green Energy Technology
- 100. Hindi
- 112. History
- 67. International Business
- 128. Library & Information Science
- 157. Marine Biology
- 124. Mass Communication
- 58. Management
- 152. Management (Karaikal)
- 70. Mathematics
- 87. Microbiology
- 139. Nano Science & Technology
- 102. Philosophy
- 103. Physical Education & Sports
- 75. Physics
- 113. Politics & International Studies
- 101. Sanskrit
- 118. Social Exclusion and Inclusive Policies
- 111. Social Work
- 110. Sociology
- 115. South Asian Studies
- 116. Southern Asia Studies
- 71. Statistics
- 56. Tamil
- 63. Tourism Studies
- 117. Women's Studies

**38. P.G. - Ph.D. (Integrated Programmes)**

- 100. Hindi
- 88. Bio-Technology
- 134. Environmental Engineering & Mgt.

**P.G. DIPLOMA**

- 92. Food safety and Quality Assurance in Food Industry
- 137. Green Energy Technology

## SCHOOLS & DEPARTMENTS/ CENTRES

with page numbers

- 56. Subramania Bharathi School of Tamil Language and Literature**
- 57. School of Management**  
 58. Department of Management Studies  
 60. Department of Commerce  
 62. Department of Economics  
 63. Department of Tourism Studies  
 65. Department of Banking Technology  
 67. Department of International Business  
 152. Department of Management (Karaikal)  
 154. Department of Commerce (Karaikal)
- 69. Ramanujan School of Mathematical Sciences**  
 70. Department of Mathematics  
 71. Department of Statistics
- 74. School of Physical, Chemical and Applied Sciences**  
 75. Department of Physics  
 77. Department of Chemistry  
 79. Department of Earth Sciences  
 82. Department of Applied Psychology  
 156. Department of Disaster Management  
 83. Astrophysics Programme
- 84. School of Life Sciences**  
 85. Department of Biochemistry & Molecular Biology  
 87. Department of Microbiology  
 88. Department of Biotechnology  
 90. Department of Ecology & Environmental Sciences  
 156. Department of Ocean Studies & Marine Biology  
 92. Department of Food Science and Technology  
 93. Centre for Bioinformatics
- 96. School of Humanities**  
 97. Department of English  
 99. Department of French  
 100. Department of Hindi  
 101. Department of Sanskrit  
 102. Department of Philosophy  
 103. Department of Physical Education and Sports  
 104. Centre for Foreign Languages  
 104. Escande Chair in Asian Christian Studies
- 105. School of Performing Arts**  
 106. Department of Performing Arts
- 108. School of Social Sciences and International Studies**  
 109. Department of Anthropology  
 110. Department of Sociology  
 111. Department of Social Work
112. Department of History  
 113. Department of Politics & International Studies  
 114. Centre for European Studies  
 115. UNESCO Madanjeet Singh Institute of South Asia Regional Cooperation (UMISARC) & Centre for South Asian Studies  
 116. UGC Centre for Southern Asia Studies  
 117. Centre for Women's Studies  
 118. Centre for Study of Social Exclusion and Inclusive Policy
- 119. School of Education**  
 120. Centre for Adult & Continuing Education
- 121. School of Medical Sciences**
- 122. School of Media & Communication**  
 124. Department of Electronic Media & Mass Communication  
 128. Department of Library & Information Sciences
- 130. School of Engineering & Technology**  
 131. Department of Computer Science  
 154. Department of Computer Science (Karaikal)  
 133. Department of Electronics Engineering  
 134. Centre for Pollution Control and Environmental Engineering
- 136. Madanjeet School of Green Energy Technologies**  
 137. Centre for Green Energy Technology  
 139. Centre for Nano Sciences and Technology
- 141. School of Law**
- 143. Add-On courses**
- 146. Placement Cell**
- 147. The Directorate of Physical Education and Sports**
- 148. UGC Academic Staff College**
- 149. Pondicherry University Community College**
- 160. Directorate of Distance Education**



# SUBRAMANIA BHARATHI SCHOOL OF TAMIL LANGUAGE AND LITERATURE

Dean: Prof.K. ILAMATHY JANAKIRAMAN

The Department of Tamil was started in 1986. It has been promoted as Subramania Bharathi School of Tamil Language and Literature in 2003. The School is functioning with the following academic and research activities for betterment of Tamil Language & Literature.

Every year, the School of Tamil is conducting the following Tamil Literature functions for the benefit of the students, scholars as well as faculty members of the School of Tamil.

1. Endowment Lectures : 14
2. Guest Lectures : 25  
(each academic year)
3. Bharathi Day Celebration: As part of the birth anniversary of the National Tamil poet Bharathi.

4. Students interaction programmes with eminent Tamil scholars from leading Tamil institution.

The School has UGC sponsored Special Assistance Programme (Phase – III) in the following two research areas from April 2015 - March 2020.

- (i) “Siddha Literature and Manuscripts (116 Lakhs).

The School has produced more than 100 Ph.Ds. At present 65 scholars are doing research for Ph.D., in the School.

This School offers facilities for intensive teaching and research in different areas of Tamil Literature such as Sangam Literature, Siddha Literature, Epic

Literature, Devotional Literature, Modern Literature, Comparative Literature, Tamil Grammar and Folklore. The thrust area of the School is literary Theory and Grammar.

The School of Tamil has established a Computer Lab with 32 computers and 2 Printers for benefit of the M.A./Ph.D students/Scholars with internet connection including A/C facilities. The School of Tamil has a Library which is having 3000 books for benefit of the M.A./Ph.D., students/scholars with A/C facilities.. The School of Tamil has a Seminar Hall with public address system and LCD Project including A/C facilities.

## PROGRAMMES OF STUDY

M.A. Tamil  
Ph.D. Tamil  
Certificate Course in Tamil (Add on)

## ENTRANCE EXAMINATION

M.A. The Entrance examination will consists of 100 Multiple Choice Questions on Tamil language and literature.

Ph.D. The Entrance examination will consist of 100 Multiple Choice Questions on Tamil language and literature.

## FACULTY

### Professors

- A. Arivunambi, Ph.D.**  
(Madurai Kamaraj University, Madurai)  
*Specialization:* Epics, Ancient Literature, Dramatics and Folklore.
- R. Nalangilli, Ph.D.** (University of Madras, Chennai)  
*Specialization:* Comparative Literature and Literary Theories.
- K. Ilamathy Janakiraman, Ph.D.**  
(Annamalai University, Chidambaram)  
*Specialization:* Siddha Literature, Religious Literature, and Creative Literature.

### M. Mathialagan, Ph.D.

(Annamalai University, Chidambaram)  
*Specialization:* Modern Literature , Literary Criticism.& Diaspora Literature

### A.Thirunagalingam, Ph.D.

(Pondicherry University, Puducherry)  
*Specialization:* Folklore, Ancient Tamil Grammar, Marxism and Literature.

### Associate Professor

**M. Jeeva, Ph.D.** (Pondicherry University, Puducherry)  
*Specialization:* Post Modernism, Semiotics, Theatre Arts

### Assistant Professor (Senior Scale)

**M. Karunanidhi, Ph.D.** (University of Madras, Chennai)  
*Specialization:* Folklore and Manuscriptology.

### Assistant Professor

- B. Ravikumar, Ph.D.**  
(Pondicherry University, Puducherry)  
*Specialization:* Modern Literature, Literary Criticism & Creative Literature
- R. Srividhya, Ph.D.,**  
(Pondicherry University, Puducherry)  
*Specialization:* Modern Literature, Feminism & Post colonialism.

# SCHOOL OF MANAGEMENT

Dean: Prof. R. Prabhakara Raya

## ***Puducherry Campus***

Department of Management Studies  
 Department of Commerce  
 Department of Economics  
 Department of Tourism Studies  
 Department of Banking Technology  
 Department of International Business

## ***Karaikal Campus***

Department of Management  
 Department of Commerce

School of Management (SOM) is one of the popular Schools of Excellence in the campus primarily focusing on the business related courses since the very inception of this University.

The Department of Management Studies offers MBA & Ph.D. programmes, the Department of Commerce offers M.Com. (Business Finance), M.Com.(Accounting &Taxation) and Ph.D. Programmes. The Department of Economics offers M.A. Applied Economics, M.Sc. Five Year Integrated Programme in Economics, Ph.D. programmes, the Department of Tourism Studies offer an MBA programme in Tourism and Ph.D. programme, the Department of Banking Technology offers a specialized MBA programme in Banking Technology and Ph.D. programme and the Department of International Business offers MBA with specialization in International Business and Ph.D programme. In Karaikal Campus, the Department of Management offers MBA in Insurance Management and Ph.D. programme and the Department of Commerce Offers M.Com (Business Finance) and Ph.D programme.

## **MAJOR THRUST AREAS OF TEACHING & RESEARCH**

School of Management is providing specialized skill based academic environment with focus on teaching and learning in the field of

- General Management

- Functional Areas like Finance/HR/ Marketing/system
- Specialized and Interdisciplinary area like Banking Technology/Tourism/ Insurance and International Business.
- Corporate Accounting, Taxation and Business Finance
- Basic and Applied areas of Economic Theory.

School of Management is Conducting Research at Ph.D level in the following Major fields.

- Production and Operation Management
- Human Resource Management
- Marketing Strategy and Brand management
- Financial Services And Financial Engineering
- IT application in Banking
- Insurance and Risk Management
- Monetary Policy and RBI operations
- Micro Finance
- Commodity Derivates.
- Tourism and Hospitality Management

## **INFRA STRUCTURE:**

All the departments in School of Management are well equipped with Air conditioned classrooms, Wi-Fi environment. All the Departments have well qualified full time core faculty supported by Adjunct/visiting Faculty from Industry. Every Department has a dedicated Computer Lab with domain specific Softwares. The School has a Mini –Auditorium, School Library and a separate Lecture Hall Complex.

School Subscribes to advance databases like CMIE i3 data services, Bloomberg database in addition to E resources, HBR cases, SPSS software, Indian Economy Databases, Capital Line etc.

## **PLACEMENT FOCUS**

The School of Management offers the above said programmes with a total placement focus. While the regular MBA students are found getting good placements in leading MNCs and large Public Limited Companies involved in manufacturing, service industry as well as in high profile Software Industry, the MBA (Tourism) students are finding total placement in travel and tourism industries as well as in hospitality business. M.Com. (Business Finance) programme offered by Department of Commerce has attracted the attention of companies which are involved in Finance and Investment, Fund Management, Stock Broking, Banking and Non-Banking activities. M.A. Economics students are found in great demand in those organizations involved in policy making such as National Institutes devoted for Economic development, RBI, Government department of Economics & Statistics, etc. MBA Banking Technology degree programme started drawing attention of top leading banks and software companies concentrating on banking software.

The students of MBA programme of the Department of International Business are finding placement in leading industries in India, including MNCs.

# DEPARTMENT OF MANAGEMENT STUDIES

School of Management

The Department of Management Studies has the unique position in the University of establishing the first MBA program of the university in 1986. For the past 29 years it has been catering to the needs of teaching MBA Program, Management Research, Organizational Development and training government officials. It is one of the major departments, fully funded and supported by the University Grants Commission (UGC) and recognized by the All India Council for Technical Education (AICTE) of the Government of India. Department of Management Studies has a sanctioned strength of 138 [which include 118 through Entrance Examination + 2 Andaman & Nicobar + 18 Foreign] seats for the Academic Year 2015-16. Its Alumni hold high and coveted positions in industry, Government and Academia in India and abroad. Department of Management Studies has been consistently ranked among India's Top B-Schools by reputed magazines such as Business Today- 2014, CSR- 2013, AIMA- 2013.

## ● PROGRAMMES OF STUDY

**M.B.A.**

**Ph.D.**

## ● ENTRANCE EXAMINATION

The Entrance Examination for all 5 Management Programmes namely Management Studies, Tourism Studies, International Business, Banking Technology and Management(Karaikal) is common and similar to the pattern of CAT/GMAT. The student desirous of applying for more than one programme have to apply separately for each of the Programme. The selection will be done by the University as per the norms of merit and statutory regulations..

### Admission Process for Doctoral Research [PhD] in DMS

Candidates are admitted for the Ph.D. Programmes as per Pondicherry university norms.

In case of teacher candidates from self-financing colleges / institutions, service certificate from the principal along with photocopy of the approval of appointment from the Registrar of the affiliating University needs to be produced at the time of interview.

## ABOUT THE MBA PROGRAMME IN DMS

The 2 year (4 semesters) full-time master's degree program in Business administration prepares students for a successful professional career in management. While the first year is devoted to foundational course, the second year would enable the student to gain in-depth knowledge of the specialization of their chosen fields.

The course structure of the MBA program comprises of core and elective papers. The core papers equip students with conceptual knowledge in the basic areas of management. The elective papers help students to enhance their application oriented skills in the chosen functional areas of management such as **Finance, Marketing, Human Resource, Systems and Operation**. Guest Lectures by eminent persons from both industry and academia are arranged.

## THRUST AREAS OF RESEARCH

1. Marketing
2. Finance
3. Human Resources Management
4. Operations & Supply Chain
5. Management Information Systems

## INFRASTRUCTURE FACILITIES

Department of Management Studies is equipped with Seminar Hall, Class rooms, computer centers along with a central library.

## PLACEMENTS

Leading IT/ ITES, Private & Public sector banks/ Indian as well as Multinational corporations continuously visit our department for campus recruitments.

## FACULTY

### Professors

**R. Panneerselvam, Ph.D.** (Anna University, Chennai)

*Specialization:* Management, Systems, Operations Research & Quantitative Techniques

**M. Basheer Ahmed Khan, Ph.D.** (A.M.U. Aligarh)

*Specialization:* Marketing Management, Marketing Research, Business laws, Management of Environment System & Human Resource Management

**R. Prabhakara Raya, Ph.D.** (Andhra University, Vizhakatnam)

*Specialization:* HRM in KBO's, Personal Effectiveness including 3P [Profitability-Productivity-Parenting];

Management System for Rural Empowerment, Decent Work Norms & Alternative Livelihoods & E-Governance Processes.

**S. Hariharan, Ph.D.** (Bharathidasan University, Trichirapalli) (Deputation to ASC, Pondicherry University)

*Specialization:* Managerial Finance, Managerial Accounting, Corporate Finance and Strategic Cost Accounting.

**T. Nambirajan, Ph.D.** (Pondicherry University, Puducherry)

*Specialization:* Production & Operations Management, Cellular Manufacturing Systems, Supply Chain Management, MIS, E- Commerce, System Analysis & Design, Statistics, DBMS, Total Quality Management & Oracle.



## Associate Professors

### **Chitra Sivasubramanian, Ph.D.**

(Madurai Kamaraj University, Madurai)

*Specialization:* Human Resources Management, Industrial Relations, Organizational Behaviour, Research Methodology, Training & Development, Principles of Management, Retail Management, Strategic Management & Compensation Management.

### **Uma Chandrasekaran, Ph.D.**

(Pondicherry University, Puducherry)

*Specialization:* Marketing, Consumer Behaviour, Brand Management, Services Marketing, Marketing of Innovations/ High Tech Products, Human Resources Management and Communication Skills Development.

### **B. Charumathi, Ph.D.** (University of Madras, Chennai)

*Specialization:* All areas of Accounting & Financial Management (including sectoral), HRD, Entrepreneurship including Women Entrepreneurship and Project Management, Banking, Marketing of Financial Services & Financial Engineering

### **S. Victor Anand Kumar, Ph.D.**

(Cochin University of Science and Technology)

*Specialization:* Marketing and Information Systems Management, International Marketing, Internet Marketing, Tourism Marketing & Executive Skills Development.

### **R. Kasilingam, Ph.D.** (Alagappa University, Karaikudi)

*Specialization:* Financial Management, Management Accountancy, Working Capital Management, Business Law, Security Analysis & Portfolio Management, Merchant Banking, Investment Management, Valuation Management, Financial Markets, International Finance, Derivatives, Strategic Cost Accountancy, Financial Services.

### **R. Venkatesakumar, Ph.D.** (VIT University, Vellore)

*Specialization:* Marketing Management, Quantitative Methods, Marketing Research, Research Methodology, Statistics, Operational Research.

## Assistant Professors

### **L. Mothilal, Ph.D.** (Osmania University, Hyderabad)

*Specialization:* Business Environment, Customer Service & Relationship Management, Infrastructure Planning, E-governance, Public Systems Management, Creativity & Innovation.

### **S. Riasudeen, Ph.D.** (University of Madras, Chennai)

*Specialization:* Human Resource Management and Marketing.

### **B. Rajeswari, Ph.D.** (Gandhigram Rural Institute - Deemed University, Dindigul)

*Specialization:* Marketing Management, Operation Management, Strategic Management, Advertising & Sales Promotion, Customer Relationship Management, Total Quality Management.

### **K. Lavanya Latha, Ph.D.**

(Sri Venkateswara University, Tirupati)

*Specialization:* Marketing & Human Resource Management, Entrepreneurship.

### **G. Madan Mohan, Ph.D.** (University of Madras, Chennai)

*Specialization:* Financial Management, Corporate Finance, Project Management, Business Law, Managerial Economics, Working Capital Management, Strategic Management.

## DEPARTMENT OF COMMERCE

School of Management

The Department of Commerce is one of the pioneering departments of Pondicherry University. Differentiating itself from the traditional M.Com course the Department came into existence to offer a much sought for specialized Post-Graduate course in Commerce in form of M.Com(Business Finance) with the focus on 'Finance'. The department aims at imparting in depth knowledge and professional skills required for handling the "Finance Functions" of business entities and corporate enterprises. The students of this course with their acquired knowledge and skills, find themselves well equipped for the activities like Investment Management, Portfolio Management, Treasury Management, Security Market Operation, Forex Dealing, Accounting, Fund Management, Project Execution and Management, Multinational Financial Management, Derivatives Management, Taxation Management, Bank Management etc.

The Department has introduced another specialized M.Com. (Accounting & Taxation) programme from the academic year 2011-2012. This course is designed to fill the man power requirement having Accounting and Taxation knowledge other than professional courses like Chartered Accountancy and Cost Accountancy in the corporate sector. The Department also offers Ph.D. Programme in the field of Finance, Banking, Marketing and Personnel Management. The Department imparts knowledge through lectures, interactive sessions, case analysis, group discussions on contemporary themes, internship training & project work. Besides, career guidance & counseling, institute-industry interaction programme, application of ICT, industrial/field visits, educational tour and students' participation in academic activities of Universities and other institutions are also arranged.

The Department is supported by UGC under SAP (DRS) to achieve academic excellence with the thrust on one of the most contemporary areas in finance i.e. "Derivatives and Risk Management". The Award of SAP is a proof of the capability and credentials of the learned faculty of this department and the team work. Now the department has been elevated to II level of DRS under UGC SAP.

### ● PROGRAMMES OF STUDY

**M.Com.** Business Finance

**M.Com.** Accounting & Taxation

**Ph.D.** Commerce (Full Time and Part-Time)

**PG Diploma** in Investment Management (Add-on Course)

### ● ENTRANCE EXAMINATION

The Entrance Examination for M.Com Business Finance & M.Com Accounting Taxation consists of 100 Multiple Choice Question on Accounting, Banking, Organizational Behaviour, Taxation, Insurance, Costing Statistics, Auditing, Legal Aspects of Business, Business Economics, Foreign Trade, Corporate Secretaryship, Cooperation and such alike.

The Entrance Examination for Ph.D programme of 100 Multiple Choice Question at Post Graduate Level.

### INFRASTRUCTURE FACILITIES

The department is housed in school of Management building (ground floor) with spacey air conditioned class rooms and well equipped common computer lab with 50 computers with internet connection, Photocopy facility, Overhead LCD projector for presentation constitute the basic infrastructure of the department. Round the clock internet facility with access to CMIE prowest data base, SPSS statistical software package, on-line journals from Science Direct, Epsco are the merited facilities in the department.

### PLACEMENT

The students belonging to this programme find placement in finance divisions of major MNCs like IBM, FORD, TCS, HLL, HCL, Ponds India Ltd., Fund Management & Stock Broking Consultants, Software Companies concentrating on Accounting Solutions, in addition to a good number of placements in Banking and Insurance sectors like RBI, Laxmi Vilas Bank, ICICI Bank, etc. The department also has produced high quality research works and the research scholars of this department have got placement in reputed business school like IIM(Indore), XLRI, IIM(Calcutta), NIBM, TAPMI and Universities like Pondicherry University, Alagappa University, Anna University, M.S. University, Karunya University, Bharathiar University, Periyar University and Bharathidasan University, Christ University etc.

Some of the students, after completing M.Com., Pursue Ph.D. Programme. Our students have got admission in reputed institutions like IIS, IIT Mumbai, Delhi University, Hyderabad Central University, IFMR NIRMA Institute of Management, IIMs etc. for their Ph.D. degree.

## FACULTY

### Professor

**P. Natarajan, Ph.D.** (Alagappa University)

*Specialization:* Project Management, Entrepreneurship Development, Fund Management and International Business.

**Malabika Deo, Ph.D.** (Pondicherry University)

*Specialization:* Business Statistics, Financial Management, Portfolio Management, International Finance, Operation Research and Derivative Management

### Associate Professors

**D. Lazar, Ph.D.** (Madras University)

*Specialization:* Corporate Finance, Micro Finance, Personal Finance, International Financial Management, Investment and Portfolio Management, Derivative Management, Financial, Cost and Management Accounting.

**G. Shanmugasundaram, Ph.D.** (Pondicherry University)

*Specialization:* Accounting, Financial Management, Security Analysis, Derivatives Management, Research Methodology

### Assistant Professors

**K.B. Nideesh, M.Com.** (Calicut University)

*Specialization:* Taxation, Finance, Political Economy.

**P.S. Velmurugan, Ph.D.** (Pondicherry University)

PDF (Arkansas State University, USA)

*Specialization:* International Trade, Credit Insurance, International Financial Management, Financial Markets and Institutions, Multinational Finance, Security Market Operations, International Taxation & Corporate Governance.

**S. Shijin, Ph.D.** (IIT, Madras)

*Specialization:* Investment and Portfolio Management, Financial Statement Analysis, Accounting, Statistical Methods for Data Analysis

# DEPARTMENT OF ECONOMICS

School of Management

The Department of Economics was established on 15-12-1986 and during the last twenty five years the Department has carved out a niche in the Economics Education Map of India. The Department is discharging three functions namely Teaching, Research and Extension. So far, it has produced a large number of Post Graduates, M.Phil's and Ph.D's who are placed in some of the premier Institutions in the Country and elsewhere. Also, the Department has emerged as a Centre for Training officials from Government and Corporate sectors, especially in the area of Econometrics.

## PROGRAMMES OF STUDY

**M.A.** Applied Economics  
**M.Sc.** Economics (Five Year Integrated Programme)  
**Ph.D.** Economics (Full-Time, Part-Time (Internal & External))

## ENTRANCE EXAMINATION

The Entrance Examination for PG programme consists of 100 Multiple Choice Question at UG level.  
 The Entrance Examination for Ph.D programme consists of 100 Multiple Choice Question at PG level.  
 For 5 Year Integrated M.Sc., Applied Economics, consists of 100 Multiple Choice Question, the question paper is based on Plus Two syllabus in Mathematics and general awareness.

## THRUST AREA OF RESEARCH

The thrust areas of research are Macroeconomics, Money and Banking, International Economics, Financial Economics, Applied Econometrics, Public Finance, Gender Studies and Agricultural Economics. Faculty members have published several articles in reputed international journals like Economics Letters; Economic Modelling, Journal of Policy Modeling; Oxford Economic papers; Journal of Asian Economics; Applied Economics Letters; Macroeconomics and Finance in Emerging Economies; Research in International Business and Finance; Singapore Economic review and national journals like Artha Vijnana; Indian Economic Journal; Journal of Rural Development; Journal of Quantitative Economics; Indian Journal of Labour Economics; Indian Journal of Agriculture Economics; Asian-African Journal of Economics and Econometrics; Man-Power Journal; Margin; Prajnan; etc. The faculty members are also engaged in projects funded by the Ministry of Education, GOI, Government of Puducherry, University Grants Commission, Reserve Bank of India and ICSSR.

## PLACEMENTS:

Many students have cleared UGC-NET and SLET Examinations. Some of the students who completed P.G Programme are doing M.Phil/Ph.D. with fellowships in IIT, Mumbai; Centre for Development Studies, Trivandrum; Jawaharlal Nehru University, New Delhi; University of Hyderabad; Institute for Social and Economic Change, Bangalore; TATA Institute of Social Sciences, Mumbai; etc.

Some are employed as faculty members in various educational institutions, executives in multinational companies/banks and in Indian civil services.

## FACULTY

### Professors

**M. Ramachandran, Ph.D.**  
 (University of Hyderabad, Hyderabad)  
*Specialization:* Open Economy Macroeconomics and Applied Econometrics, Public Economics

### Associate Professors

**V. Nirmala, Ph.D.** (Madurai Kamaraj University, Madurai)  
*Specialization:* Agricultural Economics, Labour Economics and Gender Studies  
**Amaresh Samantaraya, Ph.D.**  
 (University of Hyderabad, Hyderabad)  
*Specialization:* Monetary Economics, Macroeconomics, Economics of Money and Banking, Applied Econometrics

### Assistant Professors

**Yasmeen Sultana, Ph.D.** (University of Madras, Chennai)  
*Specialization:* Empowerment of Women and Microfinance  
**A. Sankaran, Ph.D.** (Bharathidasan University, Trichirapalli)  
*Specialization:* Industrial Economics and Entrepreneurship Development.  
**S. Raja Sethu Durai, Ph.D.** (University of Madras, Chennai)  
*Specialization:* Financial Economics, Macroeconomics and Applied Econometrics  
**R. Lusome, Ph.D.** (IIPS Mumbai) *Specialization:* Economic Demography  
**C. Jerome Samraj, Ph.D.** (University of Madras)  
*Specialization:* Environmental Economics

## DEPARTMENT OF TOURISM STUDIES

School of Management

The Department of Tourism Studies (DTS) is a pioneering institute of tourism education in India. The two-year full time Master's Degree Program in Tourism Administration was started in the year 1991 with the seed financial support from the Ministry of Tourism and Civil Aviation, Government of India with the objective of creating professionally competent manpower to meet the managerial requirements of Tourism and allied industries. The post-graduate program was rechristened as MBA(Tourism). DTS offers at present a two-year full- time MBA(Tourism) Program, Post-Graduate Diploma in Event Management(Add-on Course) and Research Program leading to the award of Ph.D. Degree.

DTS is one of the few Tourism Departments in the country assisted by the UGC Special Assistance Program(SAP) at DRS Level -II from the academic year 2015-16. Apart from the regular curriculum, students are encouraged to participate in the extracurricular and co-curricular activities. To pursue its mission further, the Department develops and supports a spirit of enquiry and innovation that help the students meet the diverse human resource requirements of the industry. The DTS has an impressive track record of student placements over the years. With the active support of alumni, the Department has been striving tirelessly to emerge as a centre of excellence in tourism management education, consultancy and research. DTS is a Permanent Associate of the Travel Agents Association of India (TAAI) and also an Institutional Member of tourism professional bodies such as Indian Association of Tour Operators (IATO) and South Indian Hotels and Restaurants Association (SIHRA). In due course of time, DTS has successfully created its own image with brand identity across the industry and also earned its reputation by offering high quality of tourism education with distinct academic pursuits. The Pondicherry University Tourism Studies Alumni Association (PUTSAL) – a registered entity – plays a pro-active role in all the endeavors of DTS

### ● PROGRAMMES OF STUDY

MBA Tourism

Ph.D. (Tourism Studies)

P.G. Diploma in Event Management (Evening Program)

### ● ENTRANCE EXAMINATION

The Entrance Examination for all 5 Management Programmes namely Management Studies, Tourism Studies, International Business, Banking Technology and Management(Karaikal) is common and similar to the pattern of CAT/GMAT. The student desirous of applying for more than one programme have to apply separately for each of the Programme. The selection will be done by the University as per the norms of merit and statutory regulations.

**Ph.D. in Tourism Studies:** The Entrance Examination consists of 100 Multiple Choice Questions in FOUR sections of 25 questions each.

Section A: English Comprehension

Section B: Logical Reasoning

Section C: Simple Arithmetic

Section D: Research Methodology

### INFRASTRUCTURE FACILITIES

The physical and academic infrastructure comprises of well equipped air-conditioned class rooms with Information and Communication Technology (ICT) enabled state-of-the-art technology devices, computer lab with travel related software, Wi-Fi facility across the campus, LCD projectors and other multimedia aids, access to online journals, subscription to national and international journals and magazines, latest books on tourism and management and hostel facilities on campus. Eco and cultural tours are part of the academic program besides workshops, guest lectures delivered by eminent scholars and industry experts.



## CO-CURRICULAR PROGRAMMES

In sync with its motto of delivering industry-oriented curriculum, DTS offers value-added programmes that equip students with professional skills. The Department invites experts from the academia, public sector enterprises, MNC's, consultancies, and NGO's to deliver lectures that capture the latest developments and changing demands of the curriculum. DTS also conducts programmes on a regular basis for soft-skills developments and career guidance. Furthermore, real life exposure to students is provided through field and property visits. Due emphasis is given to case study analysis, brainstorming exercises, role plays, assignments, and presentations. Students are also encouraged to work on research papers and publish them in leading national and international journals. The Department provides opportunities to students to plan and organize eco-tour, cultural tour, and national tour to places of interests which helps them a great deal in gaining sound knowledge on the various aspects of tour planning and operations. The students of DTS are given ample platforms in Boomerang-the bi-annual alumni newsletter and the Yatra magazine to enrich their literary skills and writing aptitude. MBA (Tourism) students, as part of their curriculum undertake 6 to 8 weeks Internship Training after the second semester in various travel and tour companies, hotels, resorts, airlines, public sector concerns, consultancies, destination management firms, etc, which provides them hands-on experience on all the functional aspects of the industry. In the fourth semester, students conduct comprehensive studies on the various trends, practices, problems, and prospects of tourism destinations and related industries and are required to prepare and submit the project work for evaluation.

## EXTRA-CURRICULAR ACTIVITIES

To prove their mettle on the extra-curricular fronts, DTS has incepted the Events Club and the Cultural Club. These clubs encourage the students to organize workshops, street plays, tableau, sports events, seminars, cultural fiesta, etc, and demonstrate their inner talents. The Department annually organizes its flagship programme- Akanksha- the Institute-Industry Interface event to connect itself with the corporate tourism world. Students spearhead in creatively organising several events to mark World Tourism Day. DTS religiously celebrate all the important festivals and occasions such as Onam, Christmas, Bakrid, Karthiga Deepam, Diwali, Dussehra, Friendship Day, Easter, Vishu, etc, during which the pro-active spirit and enthusiasm of students are at a high. Students organize vibrant cultural programmes on special days and occasions. They are encouraged to innovate and learn the practical aspects of event management. The annual Alumni Meet organized in the Department by PUTSAL is a grandeur event.

## PLACEMENTS

The Department has a track record of excellent placements for its students. The best companies of tour and travel industry such as Thomas Cook, Indian Railway Catering and Tourism Corporation Ltd. (IRCTC, Government of India Enterprise), Makemytrip, Yatra.Com, SOTC, Cox & Kings, Zenith Holidays, Club7 Holidays, Ascon Travels, Akbar Travels, Pricol Travel, Carlson Wagonlit, Marvel Travels, Classic Holidays, STIC Travels, Miles Worth, Foot Prints, Southern Travels, TUI, Sahara Airlines, Orbitz, ITDC, Inorbit Tours Pvt, Ltd., Jet Airways, Kuwait Airways, Le Meridian, Kenyan Airways, Hi-Tours, International Travel House, Indo-Asia Tours, Ramoji Film City, Max New York Life Insurance, Ramoji Film City, ICICI Bank, HDFC bank, Sonata Software Infinity, Software Solutions, and so on have offered enviable packages to the students of the Department.

## FACULTY

### Professor

**G. Anjaneya Swamy, Ph.D.**

(Andhra University, Vishakhapatnam)

*Specialization:* General Management, Entrepreneurship Development and Service Marketing.

### Associate Professor

**Y. Venkata Rao, Ph.D.** (Tezpur University)

*Specialization:* Human Resource Management, International Management and Organizational Behaviour.

### Readers

**Sampad Kumar Swain, Ph.D.** (Utkal University) (on EOL)

*Specialization:* Airlines and Travel Management, Ecotourism, Sustainable Tourism and Travel Agency Operations.

### Assistant Professors

**Jitendra Mohan Mishra, Ph.D.** (HNB Garhwal University)

*Specialization:* Ecotourism, Accounting for Tourism, Tourism Geography and Tourism Planning.

**Anu Chandran R.C, Ph.D.** (Kerala University)

*Specialization:* Destination Branding, Cultural Tourism and Travel Journalism.

**Sibi P.S., Ph.D.** (Pondicherry University)

*Specialization:* Airline Management, Hospitality Management and Tourism Product Development.

**Sherry Abraham, Ph.D.** (Bharathidasan University)

*Specialization:* Hospitality Management, Ecotourism and Event Management.

# DEPARTMENT OF BANKING TECHNOLOGY

School of Management

The Department of Banking Technology came into existence to offer a specialized M.B.A programme in Banking Technology from the academic year 2005 -06. The UGC has sanctioned this programme under its Innovative/Interdisciplinary scheme during 10th plan. Now the Department has been admitted for regular UGC funding with 9 Faculty Members and state-of-art Computer Lab facility.

**MBA (Banking Technology)** is a specialized inter-disciplinary programme primarily focused on developing manpower with know-how and know-why skills regarding management of technology used in the bank and financial industries.

More specifically, this programme is aimed at:

- Imparting managerial skills and knowledge required to manage modern business enterprises involved in providing Finance and Banking solutions.
- Providing the basic knowledge on the working of financial markets, banking operations, stock market operations, Forex market, capital flows, arbitrage operations and derivative instruments, working of euro currency markets for possible global exposure on the working of Financial networks.
- Developing skills in the Technologies used in modern banking sector, Data warehousing, Information security, E-commerce, IT Infrastructure Management, Information System Audit, Business Intelligence, etc.

## Major Highlights of the Curriculum

The courses offered under this MBA: Banking Technology is a blend of General Management, Banking & Finance along with IT subjects required to manage Technology and develop software solutions. Four streams of electives with eight specialization papers in Systems, Finance, HR and Marketing are offered during third semester. A mix of IT and Management enables the students suitable for Managerial positions in software companies and Data centres of large Public / Foreign Banks. A month long internship in public Sector Banker during 1st year and a month long training on stock and Forex trading are special features of this programme.

## Ph.D. Banking Technology

The Department of Banking Technology has initiated the Doctoral Programme in an inter-disciplinary areas of Computer Science & Engineering and Management, focusing on IT Research in the field of Banking and Finance (BFSI) Industry. This Programme is open to both Management (MBA), Engineering (M Tech – Computer Science / I T) & MCA & M.Sc. Computer Science, streams of Students.

## Broad areas of Research

- Banking Technology Management, ■ Financial Management, ■ Management of Banking & Financial Institutions
- Security Analysis and Portfolio Management, ■ Derivatives Management. ■ Information Security
- Data Warehousing & Data Mining, ■ Network Management, ■ Software Architecture ■ Cyber Crimes

### ● PROGRAMMES OF STUDY

**MBA :** Banking Technology

**Ph.D.:** Banking Technology

### ● ENTRANCE EXAMINATION

The Entrance Examination for all 5 Management Programmes namely Management Studies, Tourism Studies, International Business, Banking Technology and Management(Karaikal) is common and similiar to the pattern of CAT/GMAT. The student desirous of applying for more than one programme have to apply separately for each of the Programme. The selection will be done by the University as per the norms of merit and statutory regulations.

The Entrance Examination for Ph.D programme will contain two sections to suit to the requirements of both M.Tech and MBA students it consists of 100 Objective type Questions. All objective type questions are from the domain-specific subjects at Post Graduate level.

## INFRASTRUCTURE FACILITIES

The Department has a well-equipped computer laboratory with the necessary software and potential hardware to catalyze the learning process of students. The lab is connected to the internet which allows students to enrich knowledge round the clock. The specifications of the hardware, software and network connectivity are as follows:

### HARDWARE:

- Intel Xeon Servers
- HP Net Server
- Server for Corporate Database (CMIE Prowess).
- Pentium IV Work Stations
- HP LaserJet Printers
- HP Scanner

### NETWORKING:

- Intranet using Optical Fiber as back bone
- D-link 24 port switches
- Leased line for internet connectivity
- All computers connected through structured cabling/Wi-Fi

### SOFTWARE:

- Windows 2003 Server
- Windows 2000 Advanced Server
- Novel Linux 9.2
- Visual Studio, SPSS, Tally, CMIE Prowess
- MS Office, Java
- MYSQL
- Oracle 9i, Turbo C++

The Department subscribes to the Corporate Databases like CMIE Prowess annually for organizing Corporate Finance Lab. Access to on-line International Journals is available through Intranet in the campus.

## ACADEMIC INFRASTRUCTURE

- Industry integrated curriculum
- 24x365 days Internet Campus
- AC class rooms with Wi-Fi connectivity
- Laptops usage by every student to participate in Web-based teaching learning process
- Case studies on Fortune 500 companies
- Guest Lectures by Bankers, Industrialists, Software Professionals.
- Internships in Commercial Banks
- Live Stock and Forex Trading Sessions
- Winter / Summer Project works in Industry
- All India Industrial Tour
- Membership in Professional bodies like MMA
- Access to CMIE Database, Capital Line, Bloomberg
- Training on Tally, SPSS Softwares

## FACULTY

### Professor

**K. Chandra Sekhara Rao, Ph.D.** (Nagarjuna University)  
*Specialization:* Financial Management, Security Analysis & Portfolio Management, Derivatives Management and Global Financial Markets & International Banking.

### Associate Professor:

**V. Prasanna Venkatesan, Ph.D.**

(Pondicherry University)

*Specialization:* Software Architecture, Object-Oriented Systems, Multilingual-based systems, Programming Languages, Banking Technology Management.

**S. Sudalaimuthu, Ph.D.** (Bharathiyar University)

*Specialization:* Corporate Finance, Financial Services, Financial Information Systems, Logistics Management, Bank Management, Mobile Banking.

**V. Mariappan, Ph.D.** (Madurai Kamaraj University)

*Specialization:* Banking Operations, Strategic Finance, Marketing Strategies, Cyber Crimes and IT Laws.

### Assistant Professors:

**A. Balakrishnan, Ph.D.** (Delhi University)

*Specialization:* Finance & Accounting, Security Analysis & Portfolio Management, Treasury and Derivatives Management.

**C. P. Abdul Gafoor, M.Com** (Calicut University)

*Specialization:* Economics and Banking.

**S. Janakiraman, Ph.D.** (Anna University),

*Specialization:* Data Warehousing and Data Mining, Information Security, Information Systems Audit.

**A. Suganthi, M. Tech** (Pondicherry University),

*Specialization:* Information Security, Object-Oriented Systems, Project Management.

## PLACEMENTS

This MBA programme with a focused course curriculum on dual electives of Finance and Information Technology has been attracting good number of IT companies, in addition to the Banking including RBI and Financial Institutions. The Software companies with verticals in the areas of Banking, Insurance, Capital Markets and Business solutions are finding interest in this MBA: Banking Technology degree programme. The flag-ship companies where the students are placed include TCS, HCL Technologies, Reserve Bank of India, Bank of America, Royal Bank of Scotland, Ramco Infotech, IDBI, LVB, ICICI Bank, Cholamandalam Finance, IndusInd Bank, Bank of Maharashtra etc. In addition, the students undergo summer project training placement in reputed companies.

# DEPARTMENT OF INTERNATIONAL BUSINESS

School of Management

The process of globalization has enabled India to emerge as economic super power and it is attracting investments from giant global business players of multi-nations. At the same time, a sizable number of Indian MNCs are also gearing up their international business operations across the world. It is in this emerging and transforming scenario, Pondicherry University has established, during the academic year 2006-07, the Department of International Business (DIB) under the School of Management to offer a specialized two-year fulltime post-graduate degree in MBA-International Business for the students to have a thorough understanding of those aspects of business which are trans-boundary in nature.

## PROGRAMMES OF STUDY

**MBA** International Business  
**Ph.D.** International Business  
**P.G. Diploma** in Foreign Trade (Add on)

## ENTRANCE EXAMINATION

The Entrance Examination for all 5 Management Programmes namely Management Studies, Tourism Studies, International Business, Banking Technology and Management(Karaikal) is common and similar to the pattern of CAT/GMAT. The student desirous of applying for more than one programme have to apply separately for each of the Programme. The selection will be done by the University as per the norms of merit and statutory regulations.

### Ph.D.

Admission to Ph.D. programme in International Business shall be based on the field of specialization and the vacancies available with eligible guides in the Department. The selection procedure is based on the Entrance Test consist of 100 Multiple Choice Questions covering all the functional areas of Management at the MBA level. The short listed candidates in the written test will be called for an Interview at Pondicherry University.

## MBA (INTERNATIONAL BUSINESS):

The DIB has designed the MBA-International Business Programme with a special focus on imparting training and molding aspirants to acquire necessary core competencies, which are specifically required to manage global business operations. Besides giving conventional management education inputs, a highly competent set of faculty has designed and developed a course structure that will provide core competency skills in chosen areas of International Business ranging from geo-political issues, managing in emerging economics, international finance, international logistics, international tourism, hospitality and customer relationship management, retail management, export and import system, cross-cultural management, foreign language and environmental issues. The course curriculum is so organized that the students are groomed to take up the challenges of new millennium, which are truly international and competitive in nature and not restricted by geographical or political boundaries.

The Programme offers specialization Stream in Marketing, Finance, HR and Systems with greater international thrust in each of the functional areas of Management. The uniqueness of the MBA (IB) Programme is that each student during their study period will be carrying out four different projects (Summer Project, Winter Project, Intern-ship on Export-Import procedures/ International Operations and a final Semester Project) in leading organizations to gain practical exposure.

## PH.D.(INTERNATIONAL BUSINESS)

The Department of International Business offers Ph.D. Programme in International Business with inter-disciplinary thrust covering all the functional areas of management. The Department has all the facilities and infrastructure to encourage the candidates to do serious research in their chosen fields of research.

## INFRASTRUCTURE FACILITIES

The DIB is housed in the School of Management with state of - art facilities, fully equipped with all infrastructural requirements needed for the students to develop themselves as global leaders. Some of the facilities which are offered include the following:

- Congenial air conditioned class rooms with audio visual aids
- 24x365 days internet campus
- Class rooms with Wi-Fi connectivity
- Laptop connectivity for every student for effective participation
- Placement cell with good track record
- Well equipped central library
- Case studies with international perspectives
- Terms papers, team projects and internship
- Guest lectures by top executives from MNCs
- Industry - Academia Interface Meet

## PLACEMENTS

The Department has very good track record of placements for its students and leading companies like TCS, HCL, IDBI, ICICI, Reliance, Ramco, Wipro, Indiabulls, Pepsi, City Union Bank, Lakshmi Vilas Bank, Cholamandalam, Bajaj Allianz, Union Bank of India, UCO Bank, Andhra Bank, Thomas Cook, HDFC Bank etc., (to name a few) have recruited our students in the past.

## FACULTY

### Associate Professor & Head

**P. Sridharan, Ph.D.** (Pondicherry University)

*Specialization:* International Finance, Banking, Insurance.

### Associate Professors

**Bushan D. Sudhakar, Ph.D.**(Maharaja Krishnakumarsinhji Bhavnagar University)

*Specialization:* International Marketing, Business communication & Negotiation, Advertising and Branding

**Y. Srinivasulu, Ph.D.**(Andhra University)

*Specialization:* Marketing Management, Services Marketing, Brand Management, Industrial Marketing

**M. Banumathi, Ph.D.** (Avinashilingam Deemed University)

*Specialization:* Strategic Management, Green Marketing, International Trade, International Economics

### Assistant Professors

**Rajeesh Viswanath, Ph.D.** (Dibrugarh University)

*Specialization:* Organisational Behaviour, Cross Cultural Management, Human Resource Management

**S. Thiagarajan, Ph.D.** (University of Madras, Chennai)

*Specialization:* Quantitative Techniques, Operations Research, Advertising.

**P. G. Arul, Ph.D.** (Bharathidasan University, Trichirappalli)

*Specialization:* International Trade & Logistics, International Advertisement & Research, Human Resource Management

# RAMANUJAN SCHOOL OF MATHEMATICAL SCIENCES

Dean: Prof. V. INDUMATHI

Department of Mathematics  
Department of Statistics

From the Academic year 2006-07, the School offers five year integrated M.Sc. programme in the three branches of Mathematics, Statistics and Computer Science. The intake of students for each subject is 20, making a total of 60 for the integrated M.Sc. programme.

## COURSE PATTERN

The students of the five year M.Sc Integrated program of Ramanujan School of Mathematical Sciences would be crediting courses in all the three branches, viz. Mathematics, Statistics and Computer Science in the first three years, apart from compulsory courses in English and one in Environmental

Science. A student has to complete a total of 120 credits in the first three years of the program. The students of the 4th and 5th years of the programme have to take the courses in the respective departments of Mathematics, Statistics and Computer Science.

## INFRASTRUCTURE FACILITIES:

The Integrated Programme has seminar halls/ class rooms with modern audio/ video facilities and well-equipped computer laboratory.

## ENTRANCE EXAMINATION:

The selection for the 5 year integrated programme will be based on an entrance examination consisting of 75 questions in Mathematics of objective type at higher secondary level (i.e. Plus 2 level) and 25 questions in Basic statistics at higher secondary level (i.e Plus 2 level) including the topics Measures of Central tendency, Measures of dispersion, Probability, Conditional Probability, Random variable- Binomial, Poisson and Normal Distributions.



# DEPARTMENT OF MATHEMATICS

Ramanujan School of Mathematical Sciences

The Department was established in 1986 and it aims to train people who are oriented towards research and teaching in advanced areas of Mathematics. The Department is supported by the University Grants Commissions - Special Assistance Programme (SAP) for Departmental Research Support, the Department of Science and Technology (DST), Government of India - FIST programme for the development of infrastructure and National Board for Higher Mathematics (NBHM), Department of Atomic Energy, Government of India's grant for Library Books. Our faculties are holding National and International Projects.

## PROGRAMMES OF STUDY

**M.Sc. Mathematics**  
**M.Sc. Mathematics (Five year Integrated Course)**  
**Ph.D. Mathematics**  
 (Full-time)

## ENTRANCE EXAMINATION

The question paper for admission to M.Sc. Mathematics will comprise of 100 Multiple Choice Mathematics questions at the B.Sc. level.  
 For admission to Ph.D. there will be 100 Multiple Choice Questions at the M.Sc. level Mathematics.

### **K. M. Tamizhmani, Ph.D., FNASc**

(University of Madras, Chennai).

*Specialization:* Integrable Systems

### **M. Subbiah, Ph.D. (I.I.T., Kanpur)**

*Specialization:* Hydrodynamic Stability

## Associate Professor

### **T. Duraivel, Ph.D. (Pondicherry University, Puducherry)**

*Specialization:* Commutative Algebra

### **Rajeswari Seshadri, Ph.D. (I.I.Sc., Bangalore)**

*Specialization:* Computational Fluid Dynamics

### **S. R. Kannan, Ph.D. (I.I.T., Chennai)**

*Specialization:* Fuzzy Clustering in Data Analysis

## Assistant Professor

### **A. Joseph Kennedy, Ph.D. (University of Madras, Chennai)**

*Specialization:* Combinatorial Representation Theory

### **S. N. Fathima, Ph.D. (Mysore University, Mysore)**

*Specialization:* Number Theory, Special Function

### **S. Francis Raj, Ph.D. (SASTRA University, Thanjavur)**

*Specialization:* Graph Theory.

### **I. Subramania Pillai, Ph.D.**

(University of Hyderabad, Hyderabad)

*Specialization:* Topological Dynamics.

## INFRASTRUCTURE FACILITIES

The Department has a separate building, a seminar hall, well-equipped computer laboratory. Various mathematical softwares for course work and research are also available. The University subscribes for several national and international journals in Mathematics.

The National Board for Higher Mathematics (NBHM) gives support for Library. The Department of Science and Technology provides a grant for purchase of books under FIST.

## FACULTY

### Professors

#### **H. P. Patil, Ph.D. (Karnatak University, Dharwad),**

Doc. Math. Sci. (University of Warsaw, Poland)

*Specialization:* Graph Theory, Discrete Mathematics and Algorithms

#### **V. Indumathi, Ph.D. (University of Madras, Chennai)**

*Specialization:* Abstract Approximation Theory, Geometry of Banach Spaces

# DEPARTMENT OF STATISTICS

Ramanujan School of Mathematical Sciences

The Department of Statistics was established in 2006. Currently, the department offers M.Sc. Statistics, M.Sc. Five Year Integrated (Statistics), Ph.D. (Statistics) program, M.Sc Quantitative Finance and also a Post Graduate Diploma in Statistical and Research Methods. The department aims to train students in the development and applications of Statistical techniques for analyzing data arising in the scientific investigation of problems in various disciplines. It also provides first hand practical experience in handling modern statistical software in the analysis of such data. In the present scenario, it is rather impossible, even to think of any field which does not employ modern statistical tools to arrive at rational conclusions from research studies and a statistician is always an indispensable part of any research team carrying out any research investigation.

The Department is supported for development of infrastructure by the Department of Science and Technology (DST), Government of India under FIST program. The faculty members are actively engaged in research and published papers in National and International journals. Besides, extramural funds to the tune of Rupees Forty Six lakhs were generated by the faculty members through various research projects funded by UGC/DST.

## PROGRAMMES OF STUDY

**M.Sc. Statistics**

**M.Sc. Statistics (Five year Integrated)**

**M.Sc. Quantitative Finance**

**Ph.D. Programme in Statistics**

(Full-time and Part-time)

**P.G. Diploma in Statistical and Research Methods(Add on Course)**

## ENTRANCE EXAMINATION

The question paper for the Entrance Examination for admission to the M.Sc. Statistics Course will consist of 100 Multiple Choice Questions with the following break up.

### Statistics

Data Presentation and Interpretation, Descriptive Statistics, Relational Statistical Methods (Theory of Attributes, Correlation & Regression), Probability Theory (including Bayesian approach), Random Variable (including Bivariate case), Mathematical Expectation (Including conditional cases), Probability Inequalities (including Laws of large numbers), Distribution Theory (Usual discrete and Continuous probability distributions), Probability Distributions (based on Special functions), Sampling Distributions, Theory of Estimation (including Interval estimation), Testing of Hypothesis (including Non Parametric methods), Applied Statistics (Sampling, SQC, Design of Experiments), Time series analysis and Index Numbers, Vital Statistics and Official Statistics at B.Sc. Main level. *No. of questions - 75*

### Mathematics

Algebra, Sequence and Series, Matrices, Determinants, Differential Calculus and Integral Calculus at the B.Sc. Allied level. *No. of questions - 25*

The question paper for the entrance examination for admission to the Ph.D(Statistics) program will also consist of 100 Multiple Choice Questions in the following topics at M.Sc main level: Matrix Theory, Distribution theory, Probability theory, Statistical Inference, Multivariate Analysis, Statistical Quality Control, Operations Research, Demography, Design of Experiments, Sampling Theory, Stochastic Process, Linear Models, Regression Analysis, Statistical software (SPSS and MS-Excel), Demography and Official Statistics, Econometrics, Biostatistics.

## INFRASTRUCTURE FACILITIES

The Department of Statistics has new premises constructed exclusively for the Statistics department with facilities like Seminar Halls, Statistical Computing Laboratories for PG Students, Advanced Statistical Laboratory for Research scholars, Research project's work station, Classrooms with LCD projectors and internet connectivity for running online classes. There are around 70 terminals in all the computing laboratories with high end configuration that support standard statistical software like IBM SPSS 19.0, SYSTAT 13, MINITAB 16 and Open source software. Students will have ample opportunities to get them fully trained in the use of these softwares that will help them in immediate placement after completion of the course. The course curriculum includes a blend of theoretical and applied papers. Preparing the students for the needs of current job market trends is main objective of our course programs.

During the last five years, Statistics books (both text book and reference book) worth more than 20 lakhs have been added to the central library in addition to e –resources and e – journals. Regular syllabus updating for the current need in the advanced studies and competitive marketing in employment opportunities is our specialty. The recent syllabus for M.Sc. course provides broad choice of opportunities in selecting the elective subject according to their preferences. Since the updated syllabus includes UGC-CSIR NET examination contents, the students will be benefitted in taking NET examination and other competitive examination for the All India services.

## PLACEMENTS AND BEST PRACTICES

The Placement activities of the Department are taken care by a Placement Cell which comprises of a student member and a faculty advisor. The placement cell organizes campus recruitment programmes every year and takes pride in facilitating placement for eligible students in Multinational Companies and other companies in the private sector.

Statistics department is hosting regular academic activities in the form of Conferences, Workshops, Seminars, Student educational tours, Placement Activities, Alumni Networking, Skill Development Programs, Promotion of



Research and Intellectual Properties, Statistical Software Training, etc. Semester wise Academic planning, Special invited lecture series with eminent people, Campus recruitment, Career guidance, Student coordinating activities for overall development, Choice based credit system, Freedom for selecting either internal or external soft core papers and pursue the courses as per the flexibility of students are some other interesting features of the courses.

### FACULTY Professor

**P. Dhanavanthan, Ph.D.** (University of Madras, Chennai)  
*Specialization:* Distribution Theory, Operations Research

### Associate Professors

**J. Subramani, Ph.D.** (University of Madras, Chennai)  
*Specialization:* Design of Experiments, Sampling Theory  
**P. Tirupathi Rao, Ph.D.** (Andhra University, Vishakapatnam)

*Specialization:* Stochastic Modelling, Statistical Computing and Optimization Techniques.

### Assistant Professors

**Kiruthika, Ph.D.** (University of Madras, Chennai)  
*Specialization:* Cluster Analysis, Artificial Neural Network  
**Navin Chandra, Ph.D.** (Banaras Hindu University)  
*Specialization:* Reliability Theory  
**Sudesh Pundir, Ph.D.** (Punjab University)  
*Specialization:* Applied Statistics  
**R. Vishnu Vardhan, Ph.D.** (Sri Venkateswara University)  
*Specialization:* Biostatistics, Statistical Computing  
**V. S. Vaidyanathan, Ph.D.** (University of Madras, Chennai)  
*Specialization:* Data Mining, Regression Analysis

## Masters Degree in Quantitative Finance

Information plays a vital role in business decision making and adequate data are required to derive such information. It is observed that most of the organizations do not have information required to make decisions and others manage through professionals with the required skill sets to classify, analyze and interpret information. The fact based decision making requires managers who know how to summarize, analyze and interpret financial data. Financial analyses with Statistics and Mathematical tools are extensively used by the organization for better decision making.

Masters Degree in Quantitative Finance is a specialized course, jointly offered by the Ramanujan School of Mathematical Sciences and School of Management. UGC has sanctioned this course under its "Innovative Programme – Teaching and Research in Interdisciplinary and Emerging areas" scheme. The primary focus of this course is to develop manpower with "knowhow" and "knowwhy" skills regarding application of Statistics and Mathematical tools in financial analysis. It focuses on the fundamentals of Mathematics, Statistics, Econometrics, Computer Science and Risk Management. It provides the necessary analytical tools to solve practical problems in a complex and rapidly evolving world of financial services industry.

Students are trained for corporate roles across several verticals of business like Financial Analysts, Research Analysts, Analytics in marketing, Operations Research, Insurance and Risk Management, etc. This course will also expose the students to popular analytics software tools like, SPSS, Minitab, R Language, Financial Analysis through Excel, CMIE- PROWESS, Bloomberg etc.

### For Whom

This course is for all those who are dreaming to have career as Financial Analyst and Business Analytics and for those

who are interested in applying Statistical and Mathematical knowledge in Economics, Public Finance, Monetary Policy and Corporate Finance.

This is an intensive program where in students will study all subjects which are necessary in the process of analysis such as Stock Market and Financial Institutions, Derivatives Market, Risk Management and Strategies, Forex Market etc. The course aims to create hard core data scientists.

### MAJOR HIGHLIGHTS OF THE CURRICULUM:

This course is designed to provide an in depth knowledge of handling financial data like stock market, commodity market, FOREX market etc and statistical and mathematical analytics tools that can be used for fact based decision making. The subjects offered under this programme are a blend of Data Warehousing and Data Mining, Big Data Analytics, General Management, Investment Banking, Portfolio and derivatives, Risk Management, International Finance along with advanced Statistics, Mathematics and Information Technology that enables to build models and helps to analyze the financial positions of organizations.

### Eligibility

Aspirants with a passion for learning analytics having a Bachelor's degree in Engineering, Mathematics, Statistics, Computer Science, Economics and Commerce are eligible to apply. Candidates are admitted for M.Sc Quantitative Finance programme based on an All India level entrance examination conducted by the University. The entrance examination is similar to that of any standard All India Management Admission tests (on the lines of CAT/GMAT/GRE) with objective type questions in General English, Reasoning,

Problem Solving and decision making, basics of Computer Science, General Knowledge and Contemporary Business Issues.

### UNIQUE FEATURES:

- Industry Linked Course Curriculum
- Computer Lab based Subjects
- Field Study based Assignments
- Learning through Experience
- Internships
- Industrial visits / Training Modules

### TEACHING LEARNING PROCESS:

This course will be conducted through class room sessions, online sessions, mentoring sessions, projects and internships with emphasis on Intuitive, Interactive and Innovative (I3) practices

- Intuitive: Class Room Lectures by professors and Adjunct/ Visiting faculty from Industries.
- Interactive : computer labs, Internships, workshops and case studies
- Innovative: Live Projects, Industry and Activity Based Learning.

### CAREERS

After completion of this programme, students will be capable of taking positions with financial institutions like investment banking, upwealth management companies, securities trading and government regulatory organizations like Reserve Bank of

India, Securities and Exchange Board of India, Insurance Regulatory and Development Authority. Careers include Financial engineers Financial Analysts and a range of positions requiring advanced understanding of quantitative finance like financial model building.

### CO ORDINATOR

**Prof. P. Dhanavanthan**, Professor, Department of Statistics, Ramanujam School of Mathematical Sciences, Pondicherry University, Puducherry.

### Deputy Coordinator

**Dr. D. Lazar**, Associate Professor, Department of Commerce, School of Management, Pondicherry University, Puducherry.

### FACULTY

**C.U.Tripura Sundari, Ph.D.** (Pondicherry University)

Specialization: Financial Economics and Econometrics

**Ms. A.Mercy**

Specialization: Mathematics and Actuarial Science

**Ms. R. Amala**

Specialization: Probability and Applied Statistics

## SCHOOL OF PHYSICAL, CHEMICAL AND APPLIED SCIENCES

Dean: Prof. N. Satyanarayana

Department of Physics  
Department of Chemistry  
Department of Earth Sciences  
Department of Applied Psychology  
Department of Disaster Management  
Astrophysics Programme

The School is uniquely placed to conduct interdisciplinary teaching and research activities in Physical, Chemical and Applied Sciences. The Departments of the School offer M.Sc. (two year) and Ph.D. programmes in Physics, Chemistry, Earth Sciences & Applied Psychology. The Departments in the School also offer an integrated M.Sc. programme of five years duration in Physics, Chemistry and Applied Geology for the +2 students.

All the Departments have distinguished faculty and excellent laboratory and computational facilities. There are more than 170 research scholars engaged in frontline areas of research. A very high percentage of M.Sc. students of the School have clear national level tests, UGC-CSIR, NET and GATE which stands as testimony for the quality of teaching and research. The students and researchers of the school routinely use common

facilities like, Vibrating Sample Magnetometer (Lakeshore, USA), UVVIS-NIR Spectrophotometer (Cary 5000), FTIR (Nicolet 6700), DTA/TGA (TA instruments), Scanning Electron Microscope with Energy Dispersive X-ray (SEMEDX) Analyzer Nuclear Magnetic Resonance Spectrometer (400 MHz; Bruker, Germany) gamma ray chamber, EPMA and some of the advanced research equipments like IRMS, PPMS, HRTEM, Femto second laser, Micro Raman are recently acquired in the Central Instrumentation Facility (CIF). Department of Physics, Chemistry and Earth Sciences are supported by DST-FIST and UGC-SAP programmes. Sophisticated research equipments have been procured under these funding and these are extensively used for teaching and research.



# DEPARTMENT OF PHYSICS

School of Physical, Chemical and Applied Sciences

The Department of Physics came into existence in June 1987. The Department offers postgraduate programmes and conducts research in frontier areas of Physics. The Department has been recognized for special funding by DST under the fund for Improvement of Science and Technology Infrastructure (FIST-Level II) and UGC-SAP DRS-I Programmes. The faculty members have obtained major research grants exceeding Rs 15.0 crores from different funding agencies such as DST, AICTE, UGC, IFCPAR, NBHM, DRDO, DAE, INSA and CSIR, Government of India. The research activities have resulted in publication of more than 702 research papers in peer-reviewed journals including 9 patents. The average citation index is around 15. The members of the faculty are accorded with several national, international awards, fellowships and members in the National Committees, referees of many national and international journals. Our faculty members are involved in collaborative national and international research projects with leading scientists and laboratories.

## PROGRAMMES OF STUDY

**M.Sc. Physics (2 years)**, with three specializations  
Condensed matter physics, Electronics, Laser physics  
**M.Sc. Physics (5 year Integrated)**  
**Ph.D. Physics (Full-time)**

## ENTRANCE EXAMINATION

The question paper will consist of 100 multiple choice questions. For M.Sc.(Physics) – Five Year Integrated; programme, the questions are drawn from Physics, Chemistry and Mathematics at +2 level with equal weightage. For two year M.Sc(Physics) the question from English. For M.Sc.(Physics) (2 years): The questions are from all the subjects of U.G. degree with Physics as Main and Mathematics and Chemistry as ancillaries. For Ph.D. Courses: The objective question paper covers all the subjects under P.G. course in Physics.

## ADMISSION

Admission to the above programmes is through a national level entrance examination. The CSIR-UGC JRF, Rajiv Gandhi Fellowship for SC/ST, Maulana Azad Fellowship for minorities and DST-INSPIRE Fellowship qualified candidates are exempted from the entrance test and given direct admission to Ph.D. programmes.

## RESEARCH / PLACEMENT OPPORTUNITIES

The students of Physics Department were placed in leading scientific laboratories as well as in MNCs. Our students have been successful in the national level examinations viz., GATE

/ CSIR-UGC resulting in research placements in India and abroad. Research seminars are periodically organized by involving eminent Indian and foreign scientists and resource persons. Department conducted several national level seminars / workshops and many DST-PAC, Plasma, OSA, INSPIRE, ICMAGMA - 2014 and PEEC meetings to encourage research activities in the University. For empowering students and show causing their talents, programs such as Research Scholar seminars, RAP, Reflections are organised for, by and of all the students of Department of Physics.

## AREAS OF RESEARCH

- Solid State Ionics & Battery
- Magnetism & Magnetic Materials
- Nanomaterials
- Laser Dynamics, Nonlinear Optics and Solitons
- Computational Biophysics and Statistical Mechanics
- Quantum Mechanics and Field Theory
- Spintronics, Multiferroics and Photovoltaics
- Atomic Physics
- Plasma Physics
- Hydrogen Storage Materials
- Quantum Information Science
- Thin film and plasmonics

## INFRASTRUCTURE FACILITIES

Teaching and Research facilities in the Department of Physics: Powder X-ray diffractometer (PAN ANALYTIC XPERT), AFM/STM (BRUKER MULTIMODE 8), Differential Scanning Calorimeter (SETARA LABSYS), FTIR (Shimadzu 8700 Spectrophotometer), DC magnetron sputtering system (Hind Hivac), Impedance analyzer – 30 to 40 MHz (NOVOCONTROL), Hioki LCR meter with cryostat (80 K to 400 K), Surface Area Analyser, Glove box-VAC-USA Battery cycle tester, Susceptibility meter (Bartington England), High temperature furnaces, Spinner magnetometer (Molspin England), Multifrequency Ultrasonic Interferometer, Laser based experiments Computer laboratory, High End Computing Cluster, Nd-YAG and Titanium Sapphire Laser. The advanced research facilities accessible to Department of Physics are available in the Central Instrumentation Facility vide. this brochure and the website [www.pondiuni.edu.in/cif](http://www.pondiuni.edu.in/cif).

## FACULTY

### Professors

**N. Satyanarayana, Ph.D.** (I.I.T, Chennai)

*Specialization:* Solid State Ionics and Batteries, Nanomaterials.

**G. Govindaraj, Ph.D.** (University of Madras, Chennai)

*Specialization:* Impedance /Dielectric Spectroscopy, Solid State Ionics.

**K. Porsezian, Ph.D.** F.A.Sc, F.N.A.Sc, F.T.N.A.Sc

(Bharathidasan University, Tiruchirapalli)

*Specialization:* Nonlinear Dynamics, Nonlinear fiber optics, Solitons, Bose Einstein Condensation.

**G. Chandrasekaran, Ph.D.**

(Annamalai University, Annamalai Nagar)

*Specialization:* Magnetism and Magnetic materials, Experimental Condensed Matter Physics

**Ramaswamy Murugan, Ph.D.** (Pondicherry University, Puducherry)

*Specialization:* Solid State Ionics and Lithium Batteries, Dielectric Nanomaterials.

### Associate Professors

**V. V. Ravi Kanth Kumar, Ph.D.** (S. V. University, Tirupati)

*Specialization:* Photonic Crystal Fibers, Glass / Glass-ceramics, Spectroscopy, Condensed Matter Physics.

**S. Sivaprakasam, Ph.D.**

(University of Hyderabad, Hyderabad)

*Specialization:* Laser Dynamics.

**R. Sivakumar, Ph.D.** (I.I.T, Madras)

*Specialization:* Fluid dynamics, Computational Physics, Hydrogen Storage Materials.

### Assistant Professors

**A. Ramesh Naidu, Ph.D.**

(University of Hyderabad, Hyderabad)

*Specialization:* Cognitive Science, Theoretical Condensed Matter Physics.

**S. V. M. Satyanarayana, Ph.D.**

(University of Madras / IGCAR, Kalpakkam)

*Specialization:* Computational Biophysics, Statistical Mechanics, Nonlinear Dynamics, Quantum Information Science.

**Alok Sharan Ph.D.** (I.I.T, Kanpur)

*Specialization:* Lasers, Experimental nonlinear Optics.

**Rabindra Nath Bhowmik Ph.D.** (Jadavpur University / Saha Institute of Nuclear Physics, Kolkata)

*Specialization:* Magnetism and Magneto-transport phenomena.

**B. Muthukumar, Ph.D.**

(Saha Institute of Nuclear Physics, Kolkata)

*Specialization:* Quantum mechanics and field theory on non-commutative spaces.

**Suraj Kumar Sinha, Ph.D.**

(Institute for Plasma Research, Gandhinagar)

*Specialization:* Plasma physics.

**Gangineni Ramesh Babu, Ph.D.**

(Technical University/ IFW, Dresden, Germany)

*Specialization:* Spintronics, Multiferroics and Photovoltaics

**D. Bharathi Mohan, Ph.D.**

(University of Hyderabad, Hyderabad)

*Specialization:* I-VII Semiconductors, Plasmonics and Solar Cells.

**K.V.P. Lata, Ph.D.** (Magalore University / Indian Institute of Astrophysics, Bangalore)

*Specialization:* Atomic Physics: Ab-initio electronic structure calculations; Mesoscopic Physics, CP Isolation, Beyond standard Model

Refer the website <http://www.pondiuni.edu.in/departments/physics> for detailed academic profile of all faculty members. All the Faculty members are recognised supervisors for guiding Ph.D. Candidates except Dr.B.Muthukumar.

## DEPARTMENT OF CHEMISTRY

School of Physical, Chemical and Applied Sciences

The Department of Chemistry, started in the year 1987, offers 2 year M.Sc.(Chemical Sciences), 5 year Integrated M.Sc.(Chemistry), and Ph.D.(Chemistry) programs. The department has a continuous excellent track-record from the date of commencement. The department admits PG/Ph.D students of higher merit from National level test. UGC-CSIR NET/GATE. A number of PG students used to qualify CSIR JRF/UFC JRF/Lectureship and GATE examinations. Pharmaceutical companies visit the department every year and conduct campus interviews to recruit students for suitable positions. The Department of Chemistry is well equipped to support high quality teaching and international standard research activities. The department has highly qualified faculty members to conduct research in forefront areas of chemistry. Research work of faculty members is supported by the premier national funding agencies such as DST, CSIR, UGC and AICTE. Research output is recognized by publications in International and National journals and by awards. Interdisciplinary and collaborative research is a feature of the department. The faculty and research scholars take active participation in National and International conferences/workshops to present the results of their research work. Periodically experts from various parts of the country and world visit our department and interact with the faculty/students through seminars. A good number of Ph.D scholars and PG students are benefitted from the department. The department is normally supported by the Department of Science & Technology, Govt. of India through FIST program and by the University Grants Commission through SAP(DRS) program to achieve the academic potentials.

### PROGRAMMES OF STUDY

- M.Sc. Chemical Sciences (2 year)
- M.Sc. Chemistry (5 year Integrated)
- Ph.D. Chemistry (Full Time)

### ENTRANCE EXAMINATION

**M.Sc. Chemistry – (Five-year Integrated):** The question paper consists of 100 Multiple Choice Questions, out of which 10 questions are from English at +2 level and the remaining 90 questions are distributed equally among Chemistry, Mathematics and Physics at +2 level.

**M.Sc. Chemical Sciences (2 year):** The question paper consists of 100 Multiple Choice Questions, out of which 10 questions are from mathematics at +2 level and the rest 90 questions are distributed equally among Inorganic, Organic and Physical Chemistry at under graduate level.

**Ph.D. Chemistry (Full-Time, Part-Time (Internal)):** The question paper consists of 100 Multiple Choice Questions, out of which 10 questions are from theoretical chemistry, while the remaining 90 questions are distributed equally among Inorganic, Organic and Physical Chemistry at Post Graduate level. The candidates applying with JRF/SRF etc. from National funding agencies, are exempted from taking written examination. Candidates applying to the fields of Physical Chemistry / Photochemistry / Materials Science should have studied maths at +2 level and of Theoretical Chemistry should have studied allied maths at B.Sc. level.

### INFRASTRUCTURE FACILITIES

Department of Chemistry has excellent working culture and facilities to carry out research in forefront areas of Chemical Sciences. The research areas focussed are; Nanomaterial, Physical Chemistry, Solid-State Chemistry, Magnetic Resonance, Organic Synthesis, Nanomaterial Photocatalysis, Inorganic Photochemistry, Organometallic Chemistry, Porphyrin Chemistry, Green Chemistry, Supramolecular Chemistry, Bio-inorganic Chemistry, Theoretical Chemistry and Drug Design. The instrumental facilities of the Department are; EPR (X-band), NMR (400 and 60 MHz), Single Crystal XRD, FT-IR, GC-MS, HPLC, Atomic Absorption Spectrometer, C/H/N/S analyzer, UV-Vis spectrometer. The Department has excellent computational facility and computer networking for both intra and internet facilities. Sophisticated instruments like ESI-MS, XPS, AFM, HR-TEM, EPR (Q-band), etc. will be added to the Department / centralized facility very shortly. Every faculty has individual laboratory with good research facilities to carry out specific-area research. The scholars have access to several online journals and databases. The faculty have research collaborations with other Departments of the University / National / International research laboratories. Scientific seminars, invited lectures and group discussions are constantly held for the benefit of research scholars and M. Sc students. The Department also conducts national seminars and DST-PAC meetings to strengthen the research activities

### PLACEMENTS

Outgoing Ph.D., and M.Sc. students find employment in leading pharmaceutical companies like Dr. Reddy Research Laboratories, Shasun Drugs, G.V.K. Biosciences, SRF, Orchid Chemicals and Pharmaceuticals Limited etc. Scholars/students find employment through campus interviews as well as by direct contact. The Research scholars after successful completion of Ph.D. get Post-doctoral position in renowned Universities/Institute in USA, Canada, Japan and European

countries and some obtain faculty positions in colleges/universities. Some of the M.Sc. students qualify TOEFL and GRE and get admissions in USA, Canada and European Universities for Ph.D. programs.

### ONGOING RESEARCH PROJECTS

Research programs of the individual faculty are supported by national funding agencies such as DST, CSIR, UGC, AICTE etc. for about Rs.3.0 Crores and also the Department is supported (around Rs. 250 lakh) by special funding through DST – FIST program and UGC-SAP (DRS) program.

### FACULTY

#### Professors

**H. Surya Prakash Rao, Ph.D.** (IISc, Bangalore)

*Specialization:* Synthetic Organic Chemistry, Stereochemistry, Green chemistry and Industrial Organic chemistry.

**Bidhu Bhusan Das, Ph.D.** (IIT-Kanpur, Kanpur)

*Specialization:* Synthesis and state-of-the-art structure-property relations in Electronic and Magnetic Materials, Magnetic Resonance Spectroscopy (EPR, NMR).

**K. Anbalagan, Ph.D.** (University of Madras, Chennai)

*Specialization:* Nanomaterial Photocatalysis, Development of Nanosized Ferromagnetic materials, Reaction Modelling by Correlation Analysis, Surface Adsorption Dynamics.

**K. Tharanikkarasu, Ph.D.** (University of Madras, Chennai)

*Specialization:* Polymer synthesis using Controlled Radical Polymerization and Anionic Polymerization, Fuel Cell Membrane, Nanocomposite, Polymeric Solar Cells, Organic Semiconductor, OLED and PLED.

#### Associate Professors

**R. Venkatesan, Ph.D.** (IIT-Bombay, Mumbai)

*Specialization:* Inorganic Photochemistry, EPR of Bio-molecules, Computers in Chemical Education, Electrochemistry.

**Bala. Manimaran, Ph.D.** (IIT-Bombay, Mumbai)

*Specialization:* Organometallics, Nanoscale Materials and Supramolecular Chemistry.

**G. Vasuki, Ph.D.** (Madurai Kamaraj University, Madurai)

*Specialization:* Green chemistry, Stereo selective Synthesis and Chemistry Education (Constructivist Learning).

**C. Sivasankar, Ph.D.** (IISc, Bangalore)

*Specialization:* Homogeneous Catalysis, Organometallics, Bioinorganic and Computational Chemistry.

**M. Bakthadoss, Ph.D.** (University of Hyderabad)

*Specialization:* Stereo Selective Organic Synthesis, Heterocyclic Chemistry, Green Chemistry, Asymmetric Synthesis.

#### Assistant Professors

**N. Dastagiri Reddy, Ph.D.** (IIT-Kanpur, Kanpur)

*Specialization:* Main group organometallics, transition metal based homogenous catalysis.

**M. M. Balakrishnarajan, Ph.D.**

(Bharathidasan University, Tiruchirapalli)

*Specialization:* Chemical Information Sciences.

**C. R. Ramanathan, Ph.D.**

(University of Hyderabad, Hyderabad)

*Specialization:* Asymmetric synthesis, Drug design and discovery.

**Binoy Krishna Saha, Ph.D.**

(University of Hyderabad, Hyderabad)

*Specialization:* Crystal Engineering, Host-guest Chemistry, Polymorphism.

**S. Sabiah, Ph.D.** (IIT-Madras, Chennai)

*Specialization:* Bio-inorganic chemistry and Metal-carbene Chemistry.

**Toka Swu, Ph.D.** (Nagaland University, Lumami)

*Specialization:* Material Science, Coordination Chemistry.

**R. Padmanabhan, Ph.D.**

(University of Hyderabad, Hyderabad)

*Specialization:* Quantum Dynamics, Excitation energy transfer.

# DEPARTMENT OF EARTH SCIENCES

School of Physical, Chemical and Applied Sciences

The Department of Earth Sciences at Pondicherry University was started in September 1994. The Department is being supported by UGC- Special Assistance Programme at DRS level and by DST-FIST Programme. A National Facility for geochronology and isotope geosciences is housed in the Department. The Department strives to achieve academic excellence and to produce geoscientists with world class training.

## PROGRAMMES OF STUDY

**M.Sc. Applied Geology (2 year)**

**Integrated M.Sc. Applied Geology (5 year)**

These M.Sc. courses are designed to develop basic understanding of the earth and the earth processes, as well as, skills to apply this knowledge to solve problems of global and national importance. Curriculum includes theory courses offered by experienced faculty, practical courses with world class laboratory facilities, intensive field training at the best locations in the country, and a project work supported by sophisticated equipment.

**M. Tech. Exploration Geoscience (2 year)**

This post-M.Sc. course was introduced in 2010-11 session with an emphasis to provide specialized training in mineral, petroleum and groundwater exploration.

**Ph.D. Earth Sciences**

**(Full – time, part time (Internal & External))**

The research programme includes course designed to develop research orientation, and supervised research work in conventional, as well as, emerging areas of geosciences. State of the art research facilities, including XRD, ICP-AES, ICP-MS, TIMS, IRMS, optical microscopes and heating – freezing stage are available in the department. Additionally, XRF, EPMA, confocal Laser Raman Spectrometer and other sophisticated research equipment useful for geoscientific research are available in the Central Instrumentation Facility

## ENTRANCE EXAMINATION

Selection for M.Sc. Applied Geology will be based on performance in entrance examination which will include Multiple Choice Questions in Geology at B.Sc. level. Selection for Integrated M.Sc. Applied Geology will be based on entrance examination consisting of Multiple Choice Questions in Physics, Chemistry and Mathematics at +2 level. For admission to Ph.D. and M.Tech. programmes, entrance examination will consist of Multiple Choice Questions in Geology at M.Sc. level.

## INFRASTRUCTURE FACILITIES

The Department has well equipped laboratories with sophisticated equipment to cater to the needs of practical course-work of M.Sc. students as well as for research. Major facilities available in the Department are listed below:

### Mineralogy, Petrology & Paleontology Laboratories:

Student's and Research model Polarizing Microscopes with Photographic facility heating-freezing stage for fluid inclusion Analysis Stereoscopic zoom microscopes, Laser Particle Size Analyser, X-ray Powder Diffractometer, Isodynamic Magnetic Separator are available in the Department. SEM, XRF and EPMA are available in CIF to support paleontological / mineralogical / petrological studies.

**Museum:** The department has a Geology museum with a collection of about 800 rock forming minerals, ore minerals, industrial minerals, various type of rocks and fossils.

**Geochemical Laboratory:** Advanced analytical facilities like ICP-AES, ICP-MS are available. This laboratory also has other minor equipment like Furnace, Electronic balance, Spectrophotometer, Flame photometer, Conductivity meter, pH meter, MilliQ Water Purifier etc.

**Isotope Geoscience Laboratory:** Thermal ionization mass spectrometer with ultra-clean laboratory to carry out Rb-Sr, Sm-Nd and U-Th-Pb geochronological and isotope studies is available. This laboratory is also used for cosmogenic isotope studies (10Be, 26Al) in collaboration with IUAC, New Delhi.

**Computing and Remote sensing & GIS Facility:** Adequate number of PCs with internet connectivity through University intranet and online access for large number of journals and other e-sources. ERDAS, ArcGIS, ENVI-IDL, Total Station Microsurvey CADD2010 softwares and digital satellite imageries for remote sensing and GIS applications are available.

**IRMS Laboratory:** For measurement of stable isotope composition of H, C, O, S, in a variety of sample (water carbonates, sulphides Organic Matter etc) a lab is established as a central facility.

**Field Equipment:** Global positioning system, Survey equipment, SLR and Digital cameras are available to carryout geological field studies.



**Geoscience Workshop:** Rock cutting machine, thin section preparing machine, Mounting machine for polished ore blocks are available for preparing thin sections and ore mounts. Ball mill and Planetary mill with agate grinding sets, Automatic sieve shaker are available for sample preparation.

**Geophysics Laboratory:** Digital refraction seismic timer with geophone, Terrameter, Portable magnetometer and Resistivity meters are available.

**Topographic maps and Geological maps:** Large collection of topographic maps in 1: 50000 scale covering southern states of India and Geological maps of Indian states, Districts and important mineral deposits in various scales have been procured.

### RESEARCH ACTIVITIES

The research areas offered by the Department are Geochemistry, Isotope Geochronology, Ore Geology, Tectonics, Metamorphic Petrology and Paleoclimate studies, Hydrogeology, Remote Sensing and GIS. Interdisciplinary research with the Departments of Chemistry and Physics are being actively pursued in the fields of EPR spectroscopy of minerals and paleomagnetism. Inter-institutional collaborative research involving IITs, and PRL are also in progress. Presently, 25 full-time and 2 part-time scholars are working for Ph.D. All the faculty have research projects funded by DST, CSIR, UGC, PRL, BRNS, PLANEX etc. Recognising the research capability of the Department, DST has provided funds under FIST programme (Rs. 78 lakhs) for the Second Phase and UGC has sanctioned funds under SAP-DRS programme (Rs. 70 lakhs) recently.

#### Geochronology and Radiogenic Isotope Research

A variety of studies, such as, Archean crust-mantle evolution, early oxygenation of the Earth, tectonic evolution of south Indian granulitic terranes, petrogenesis of carbonatites, origin of Proterozoic sedimentary basins and provenance of modern and ancient fluvial, deltaic and beach sediments and water-rock interaction studies are being carried out. Rb-Sr, Sm-Nd and Pb-Pb isotope compositions on whole-rock and mineral separates are being routinely analyzed using a clean isotope geochemistry lab and Thermal Ionization Mass Spectrometer (TIMS, Triton - model of Thermo-Finnigan) and LA-ICPMS.  $^{10}\text{Be}$  and  $^{26}\text{Al}$  isotope studies are undertaken to estimate denudation and sedimentation rates.

#### Ore Geology

There are active research programmes on the study of well known ore deposits in India and Russia to understand the environment and process of ore formation. These research programmes are supported by well equipped optical microscopy, fluid inclusion, XRD and LA-ICP MS labs in the Department and EPMA, WD-XRF and Laser Raman Microprobe in the Central Instrumentation Facility.

Stable isotope (hydrogen, carbon, nitrogen, oxygen and sulfur) analysis of carbonate, sulfide and sulfate ore minerals is also carried out using IRMS for understanding processes of ore formation.

#### Rock Weathering and Sediment Geochemistry

Research includes study of elemental, including REE, redistribution during the surface earth processes and its use in provenance and tectonic interpretations. Study of micro and macro-level geochemical and mineralogical changes in different rock types weathering under different climatic regimes is also being carried out. The research is carried out in well equipped laboratories with facilities for chemical digestion of geological samples and elemental analysis by ICP-MS, ICP-AES and EPMA

#### Paleoclimatology and climate studies

Research involves reconstruction of the past climate employing chemical and isotopic studies of various proxies such as lacustrine and deltaic sediments and tree-rings. The current projects deals with paleoclimate reconstruction of Cauvery river basin and high resolution temperature reconstruction of western Himalaya. Research also includes isotopic characterization of modern precipitation for understanding the evolution of isotopic composition of rainfall during precipitation. Modeling studies for proxy characterization and response analysis is also being carried out. The research work is supported by IRMS, particle size analyzer, XRD etc.

#### Remote Sensing and GIS

Research activities involved are lithological discrimination and mineral targeting using hyperspectral remote sensing and Planetary Geology. The lab is equipped with computational facilities to do image processing and GIS related work. Software – ERDAS Imagine 10, ENVI4.7, ARCGIS are available.

#### Micropaleontology

Research at post-graduate and PhD level is offered and the laboratory is equipped with Wet laboratory, Stereozoom Microscopes and SEM with all other essential facilities.

#### Geophysics

With the help of Proton Precession Magnetometer and the crustal modeling “Oasis Montaj” software ground magnetic studies are being carried out in the northeast part of Tamil Nadu.

#### Geohydrology

Groundwater and surface water chemistry, geochemical and geohydrological modeling, thermodynamics and speciation modeling, remote sensing and GIS applications in groundwater resource estimation and management is being done. Equipments such as Flame photometer, Spectrophotometer, Ion selective detectors and Resistivity equipments and groundwater modeling software are available

## PLACEMENT OPPORTUNITIES

The academic curriculum of the Department helps a good number of students to qualify in national level competitive examinations including NET, GATE, and to find placement in major geoscientific organizations like AMD, GSI, CGWB, NHPC, ONGC, etc. Private companies also recruit students through on and off campus placements.

## ONGOING DEVELOPMENTS:

A Laser ablation system has been recently added to the ICP – MS. Research activities on paleoclimate has been initiated with setting up of IRMS based stable Isotope facility.

## FACULTY

### Professors

#### **S. Balakrishnan, Ph.D.**

(Jawaharlal Nehru University, New Delhi)

*Specialization:* Isotope Geology, Geochemistry.

#### **M. S. Pandian, Ph.D.** (Indian School of Mines, Dhanbad)

*Specialization:* Economic Geology, Mineral Exploration.

### Associate Professors

#### **D. Senthil Nathan, Ph.D.** (IIT, Kharagpur)

*Specialization:* Paleontology, Sedimentology.

#### **K. Srinivasamoorthy, Ph.D.** (Annamalai University)

*Specialization:* Hydrogeology, Remote Sensing and GIS.

#### **Rajneesh Bhutani, Ph.D.**

(Physical Research Laboratory, Ahmedabad)

*Specialization:* Isotope Geology, Tectonics.

#### **Pramod Singh, Ph.D.**

(Jawaharlal Nehru University, New Delhi)

*Specialization:* Geochemistry, Sedimentology.

## Assistant Professors

#### **Subhadip Bhadra, Ph.D.** (IIT, Kharagpur)

*Specialization:* Structural Geology, Geochemistry.

#### **S. Lasitha, Ph.D.** (Cochin University of Sci. & Tech.)

*Specialization:* Geophysics (Seismology & Gravity).

#### **Manisha Kumari, Ph.D.**

(Mohanlal Sukhadia University, Udaipur)

*Specialization:* Palaeontology, Stratigraphy,

Micropalaeontology.

#### **Shyreyas Managave, Ph.D.**

(Maharaja Sayajirao University, Ahmedabad)

*Specialization:* Paleoclimatology & Stable Isotope Geology.

#### **Nurul Absar, Ph.D.**

(Aligarh Muslim University, Aligarh)

*Specialization:* Sedimentary Geochemistry, Precambrian

Crustal Evolution, Sedimentology.

#### **Haris H. Khan, Ph.D.**

(National Geophysical Research Institute, Hyderabad)

*Specialization:* Hydrogeology, Geomorphology, Remote Sensing and GIS.

#### **K. N. Kusuma Ph.D.**

(IIT Bombay)

*Specialization:* Hyperspectral Remote Sensing, GIS, Planetary Geology, Geomorphology.

## DEPARTMENT OF APPLIED PSYCHOLOGY

School of Physical, Chemical and Applied Sciences

The Department of Applied Psychology was established in the academic year 2007-08, aiming to train the students with conceptual knowledge and practical skills in psychology and enabling them to meet the emerging and contemporary needs of the society in various fields such as health, education, industrial organizations and community. The courses are taught by experienced and committed Faculty Members.

Mission of the Department: Empowering Students with psychological knowledge, skills and evidence to make them confident mental health professionals for serving the society .

### ● PROGRAMMES OF STUDY

#### **M.Sc. Applied Psychology**

As for M.Sc. Applied Psychology, the first two semesters are common for all the students which include papers on Applied Cognitive Psychology, Applied Social Psychology, Positive Psychology, Research Methodology, Rehabilitation Psychology, Psychological Statistics, Counselling Psychology, Community Psychology, in addition to Practicals in the third semester. Students have to select either Clinical Psychology or Industrial Psychology or Counselling Psychology as a Specialization, The following papers will be taught under three Specializations:

(i) Clinical Psychology

Psychopathology Psychological therapies, Neuropsychology, Health Psychology,

(ii) Industrial /Organizational Psychology

Organizational Behaviour, Managerial Psychology, Training & Development, Industrial Relations & Welfare.

(iii) Counselling Psychology

Models of Counselling, Practice of Counselling (Case Based), Group Counselling & Social Issues, Recent Social Trends in Asia

#### **Ph.D. Applied Psychology (Full-time & Part-time)**

The department has experienced Faculty Members to guide the doctoral students in different areas of psychology.

#### **P.G. Diploma in Industrial Psychology (One year)**

### ● ENTRANCE EXAMINATION

The selection of the students for both M.Sc. and Ph.D. is through an All India Entrance examination conducted by the University. It consists of 100 Multiple Choice Questions on psychology and allied subjects. There may be some questions on general knowledge and current affairs.

### INFRASTRUCTURE FACILITIES

The Department has two well equipped laboratories for experimental psychology and clinical psychology in addition to spacious class and seminar rooms with audio-visual facilities. Apart from the test materials, clinical equipment such as Multi Behavior therapy, EEG Alpha Bio Feedback, Respiration Bio-Feedback, Stammer Suppressor, Aversion Therapy etc are also available in the laboratory for their use in research purposes.

### FIELD WORK AND INTERNSHIP

Under each of the specializations, students have to do extensive field work assignments. During the fourth semester students have to undergo internship and carry out dissertation project and submit a report to the University.

### FACULTY

#### **Professor**

**Sibnath Deb, Ph.D., D.Sc.** (University of Calcutta, Kolkata)  
*Specialization:* Clinical Psychology, Counselling Psychology, Health Psychology, Child Protection, Research Methods, Adolescent Reproductive Health including HIV/AIDS

#### **Associate Professors**

**B. Rangaiah, Ph.D.** (University of Mysore, Mysore)  
*Specialization:* Cross-cultural Psychology, Mental Health, Cognitive Processes, School Psychology, Psychometric  
**Surendra Kumar Sia, Ph.D.** (Delhi University, Delhi)  
*Specialization:* Organizational Psychology, Research Methods, Statistics in Psychology, Environmental Psychology.

#### **Assistant Professors**

**D. Dhanalakshmi, Ph.D.** (Osmania University, Hyderabad)  
*Specialization:* Health Psychology  
**D. Barani Ganth, M.Phil. Ph.D.**  
(Bharathiar University, Coimbatore)  
*Specialization:* Industrial Psychology, Counselling Psychology  
**Rejoyson Thangal, M.Sc.** (University of Mysore, Mysore)  
*Specialization:* Evolutionary Psychology, Sociobiology, Human Development

# ASTROPHYSICS PROGRAMME

School of Physical, Chemical and Applied Sciences

The two year M.Sc. Astrophysics Programme came into existence in the year 2012. The programme consists of four semesters. The first two semesters (I year) include courses in basic Physics Eg. Classical Mechanics, Quantum Mechanics, Mathematical Methods and General Physics Laboratory. During the final two semesters (II year) the course specializes on Physics of celestial objects, Geometry (space time) ranging from basic astronomy and Astrophysics to general theory of relativity and cosmology. Final semester project work is on Astronomy and Astrophysics.

## PROGRAMMES OF STUDY

M.Sc. Astrophysics(two years)

## ENTRANCE EXAMINATION

The selection of students is through an All India Entrance Examination Conducted by the University. The question paper will consist of 100 Multiple Choice Questions. The objective question paper covers all the subjects at Under Graduate level with Physics as Main and Mathematics and Chemistry as ancillary.

## FACULTY

Course Co-Ordinator:

Prof. K. Porsezian (Ph.D.) F.A.Sc., F.N.A.Sc., F.T.A.Sc.

Guest Faculties:

Dr. T. Pazhanivel

Dr. R. Kayalvizhi

Dr. S. Ramakumar

Dr. G. Sakthivel

Dr. Shincy John

## INFRASTRUCTURE FACILITIES

We have well equipped teaching Laboratory and Computer Laboratory. In addition, we have well equipped Central Instrumentation Facility with the following facilities for advanced research work: Fourier Transform Infrared Spectrometer, Differential Scanning Calorimeter, Impedence Analyzer, Ultrasonic Pulse Echo Interferometer, VSM(Lakeshore), UV-VIS-IR Spectrometer(variant), Digital Nano Volt and Current Meters(Keith Ely), MMR, Scanning Electron Microscope, Virtual Instrumentation System Lab, Spectroflourimeter, etc.



# SCHOOL OF LIFE SCIENCES

Dean: Prof. Anisa B Khan

Department of Biochemistry and Molecular Biology  
 Department of Microbiology  
 Department of Biotechnology  
 Department of Ecology and Environmental Sciences  
 Department of Ocean Studies and Marine Biology  
 Department of Food Science and Technology  
 Centre for Bioinformatics

The School of Life sciences has six Departments and one centre offering diversified courses at the postgraduate levels (M.Sc. and M.Tech.) and research in interdisciplinary frontier areas leading to Ph.D. degrees. The Department of Marine Biology and Ocean Studies is based in Port Blair, Andaman Islands. The School is developing into a dynamic

hub for multidisciplinary and cutting edge research carried out in collaboration with institutions in India and abroad. The School also has an Animal House.

An interdisciplinary programme in Life Sciences (renamed as BUILDER) programme was started in the year 2010 with the financial support to the tune

of nearly Rs. 10 crores from the Department of Biotechnology, Govt. of India. The objective of the programme is to enhance teaching capacities and impart training and research in interdisciplinary areas of Life Sciences. The programme provides for state-of-the-art laboratory facilities and equipment, with a thrust area in Bio-prospecting of Molecules for Drug Discovery.



# DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR BIOLOGY

School of Life Sciences

The Department of Biochemistry & Molecular Biology was started as Department of Biological Sciences under School of Life Sciences in 1987 and had been offering M.Sc., Ph.D degrees in Life Sciences. In 2004, the Department was renamed as Department of Biochemistry & Molecular Biology. Since then this Department has been offering M. Sc. and Ph. D. courses in Biochemistry and Molecular Biology (BMB).

This Department offers a congenial environment for Knowledge development, research training and for individual growth. The Department has an excellent complement of teaching Faculty who are involved in basic and applied research in different areas of Biochemistry and Molecular Biology. The Faculty have had teaching postdoctoral research experience in Indian/ Foreign Universities/ Institutions prior to their appointment in this Department. The areas of research focus includes Reproductive Biology & Toxicology, Microbial Biochemistry, Protein Biochemistry, Metabolism involving Natural Products, Biopesticides, Liver toxicity, Immunology, Cancer biology, and Diabetes. The Faculty in the Department have established research collaborations with Indian and foreign investigators. Two of the faculty members were recipients of the Rockefeller Foundation Biotechnology Career Award and one of the faculty members was a recipient of the Biotechnology Overseas Award (DBT). Our faculties were Visiting Scientists to Population Council (USA), John Hopkins University (USA), University of Virginia, Cleveland Clinic (USA), and some were Fogarty Fellows, INSA-DFG, CSIR-CNRS and have visited USA, Germany and France. Apart from these prestigious awards, the faculty members have been traveling within India and abroad on various academic assignments.

The Department has received support from DST as special funding under DST-FIST beginning 2002 with a repeat support in 2009, and the UGC – Special Assistance Program in 2011. The Department Faculty secured extramural funding worth several crores of rupees from different National funding agencies such as DST, DBT, UGC, CSIR, ICMR, DRDO and Ministry of Environment & Forests. The Department has also attracted funding from international agencies like Population Council (USA) and the Rockefeller Foundation (USA). The Department has established collaboration with the Cleveland Clinic, USA for training students in Reproductive Biology.

## PROGRAMMES OF STUDY

**M.Sc.** Biochemistry & Molecular Biology  
**Ph.D.** Biochemistry & Molecular Biology

## ENTRANCE EXAMINATION

Selection of students for the M. Sc. Program is based on the National Level Entrance Examination conducted by the Pondicherry University at various centers in the country. The test consists of 100 multiple choice questions in Biochemistry, Molecular Biology, Zoology, Botany, Chemistry, Biophysics, Microbiology, Genetics, Physiology and allied areas.

For admission to the Ph.D program, UGC/CSIR- NET qualified students are directly admitted to the program. Students can join the Ph.D. Program based on merit as per list prepared following the National Level Entrance Examination conducted by Pondicherry University and are entitled to receive the University Fellowship. Research Fellows selected in Research Projects who are desirous to register for Ph.D. have to appear for the Entrance Examination.

## THRUST AREAS OF RESEARCH

- Thermostable Enzymes, Phytohormones/ Natural products, Metabolism, Gene Expression.
- Microbial Biochemistry & Biotechnology
- Natural Principles, Cell Signaling, Degenerative diseases Cancer, Diabetes, Parkinson's, Alzheimer's, Heart and Liver diseases
- Phytomedicine
- Gene delivery – Targeted therapy
- Tumorigenesis & Cell Signaling
- DNA Damage Response, DNA Repair
- Cellular & Molecular Neuroscience
- Endocrinology & Biogerontology

## LABORATORY AND INSTRUMENTATION FACILITIES AVAILABLE

The Department has state of the art laboratories with an excellent modern instrumentation facility for teaching and advanced research in Biochemistry and Molecular Biology. The Department has facilities to carry out research in in-vitro and in vivo systems. The instrument facility includes- High Speed Refrigerated Centrifuges, Ultracentrifuge, Ultra sonicator, PCR, ELISA, Trans-blot apparatus, Geldoc apparatus, Temperature controlled plant growth chamber,

CO<sub>2</sub>-incubators, Phase contrast microscope, UV-Vis Spectrophotometers, Ultra pure water-purifier and cold room.

### OTHER FACILITIES:

- The Department has an equipped animal cell culture facility.
- The Department has an exclusive computer laboratory with a high-speed internet connectivity.
- The Department faculty and students are provided access to the School of Life Sciences Animal House facility for experimental research.

### SPECIAL GRANTS RECEIVED

- The Department has received DST-FIST repeat support in 2009 (Rs. 70 Lakhs)
- The Department is a recipient of a Collaborative Research Grant awarded to the Departments of Biochemistry & Molecular Biology, Biotechnology and the Center for Bioinformatics, Pondicherry University under the IPLS program of the Department of Biotechnology, New Delhi, in 2010 (Rs.9 crores).
- The Department is a recipient of the UGC-SAP grant (Rs. 45.3 lakhs) in 2011.

### EMPLOYMENT ORIENTATION / SKILL FORMATION / KNOWLEDGE GENERATION

Every year a good number of students from this Department qualify in the UGC/CSIR-NET Exam and GATE and enter into Premier Research Institutes in India. Also some of our students get high scores in GRE/TOEFL exams and enter foreign Universities to pursue their Ph.D. programs in US and European Countries. Our students also have been placed in Pharmaceutical, Biotechnology and Bioinformatics companies.

### FACULTY

#### Professor

**P. P. Mathur, Ph.D.**(Banaras Hindu University, Varanasi) - (on EOL)

*Specialization:* Reproductive Biochemistry and Molecular Biology, Environmental Endocrinology and Bioinformatics

**K. Jeevaratnam, Ph.D.** (IISc, Bangalore)

*Specialization:* Nutrition Biochemistry, Microbial Biochemistry and Biotechnology

**K. Srikumar, Ph.D.**(University of Hyderabad, Hyderabad)

*Specialization:* Protein Biochemistry, Enzymology, Cytokines and Molecular biology

#### Associate Professor

**S. Baskaran, Ph.D** (IISc. Bangalore)[On Contract]

*Specialization:* Signal transduction and Molecular mechanisms of Tumorigenesis

#### Assistant Professor

**C. Thirunavukkarasu, Ph.D., -(on EOL)**

(University of Madras, Chennai)

*Specialization:* Cancer biology, Cell Signaling in Liver, Phytomedicine.

**R. Rukkumani, Ph.D.,** (Annamalai University, Chidambaram)- (on EOL)

*Specialization:* Natural Principles and Liver Toxicity, Gene Delivery-targeted therapy

**S. Sudha Rani, Ph.D.,**

(VCRC, Pondicherry University, Puducherry)

*Specialization:* Immunology, Cell Signaling in Degenerative Diseases-Diabetes, Parkinson's and Alzheimer's Disease

**P. Latha, Ph.D.,** (University of Madras, Chennai)

*Specialization:* Genetic engineering, Natural Principles and Heart disease, Reproductive toxicology

**Kitlangi Suchiang M.Sc**

(North Eastern Hill University, Shillong)

*Specialization:* Endocrinology, Biogerontology

**Madhu Dyavaiah Ph.D.** (University of Mysore)

*Specialization:* Biotechnology, DNA damage response

**Asmitha Dasgupta Ph.D.**

(Jadavpur University, Kolkata))

*Specialization:* Cellular and Molecular Neuroscience

**Subhulakshmi, Ph.D.** (University of Goettingen, Germany)

**UGC-Asst. Prof (FRP)**

*Specialization:* Exocytosis and Endocytosis, Ocular cell biology and drug delivery

#### Recognized External Guide

**R. S. Verma, Ph.D.**

(Professor, Dept. of Biotechnology, IIT, Chennai)

*Specialization:* Stem cell biology, Tissue regeneration, Folate receptor and Immunotoxins.

**Bidhan Chandra Koner M.D.**

(Professor, Dept. of Biochemistry, Moulana Azad Medical College, New Delhi)

*Specialization:* Immunobiology, Immunotoxicity, Glycobiology, Andrology, Cell Signaling and Clinical Biochemistry.

# DEPARTMENT OF MICROBIOLOGY

School of Life Sciences

The Department was started in the year 2009 and is housed under the Department of Biochemistry and Molecular Biology, School of Life Sciences. The Department is committed to excellence in education, research and extension. The Department is being strengthened with various research units and periodical update / modernization of the curricula. The Department of Microbiology at the Pondicherry University, School of Life Sciences, brings together a variety of researchers as faculty who are specialized in their domains and united by the common goal of understanding the "Microbes". The department has offering M. Sc. and Ph. D. courses in Microbiology.

As the microbial activities are so diverse, the microbiology programme is a multidisciplinary subject, which will have the roots of life science, environmental science, and engineering. Traditional microbiology is considered to be an important area of study in biology since it has enormous potential and vast scope in fermentation, bioremediation and biomedical technology. But the recent developments from human microbiome project, metagenomics and microbial genome projects has expanded its scope and potential in the next generation drug design, molecular pathogenesis, phylogeography, production of smart biomolecules, etc. Modern Microbiology has expanded its roots in genome technology, nanobiotechnology, green energy (biofuel) technology, bioelectronics etc. Considering recent innovations and rapid growth of microbiological approaches and applications in human and environmental sustainability, the M.Sc. Microbiology curricula is designed to enlighten the students in basics of Microbiology to recent developments.

## PROGRAMMES OF STUDY

M.Sc. Microbiology  
Ph.D. Microbiology

## ENTRANCE EXAMINATION

**M.Sc. Microbiology:** The selection of students is based on All India entrance examination. The question paper will consist of 100 Multiple Choice Questions. The questions will be of testing the basic knowledge of the students in general and applied microbiology, biochemistry, cell and molecular biology and genetic engineering.

**Ph.D. Microbiology:** For admission to the Ph.D program, UGC/CSIR- NET qualified students are directly admitted to the program. Students can join the Ph.D. Program based on merit as per list prepared following the National Level Entrance Examination conducted by Pondicherry University and are entitled to receive the University Fellowship. Research Fellows selected in Research Projects who are desirous to register for Ph.D. have to appear for the Entrance Examination.

## THRUST AREAS OF RESEARCH

The faculty members are actively engaged in research and published papers in international impact journals. Various funded projects by UGC, DST Indo-Ireland, DST-SERB and CSIR are being implemented in Microbiology Programme. Based on the expertise of the faculty, the following thrust area of research are being promoted in Microbiology programme.

Metagenomics and Microbial Bioprospecting.  
Fungal Genetics and Mycotoxicology  
Microbial Biocatalysis and Drug Discovery  
Enzyme Technology

Host-Pathogen interaction

## LABORATORY AND INSTRUMENTATION FACILITIES AVAILABLE

The Department has state of the art laboratories with an excellent modern instrumentation facility for teaching and advanced research in Microbiology. The instrument facility includes- Laminar air flow, autoclave, microbial incubators, BOD incubator, High Speed Refrigerated Centrifuges, Ultracentrifuge, PCR, CO<sub>2</sub>-incubators, microscope, UV-Vis Spectrophotometers, water-purifier and -80C. Further major equipment is available in the central instrumentation facility.

## FACULTY

### Associate Professor & Co-ordinator

**Joseph Selvin, Ph.D.**

(Central Marine Fisheries Research Institute)

Specialization: Metagenomics and Bioprospecting

### Assistant Professor

**Regina Sharmila Dass, Ph.D.**

(University of Mysore, Mysore)

Specialization: Fungal Genetics and Mycotoxicology.

**Busi Siddhardha, Ph.D.**

(Indian Institute of Chemical Technology, Hyderabad)

Specialization: Drug discovery and Microbial Biotransformations.

**Sharmili Jagtap, Ph.D.** (National Chemical Laboratory, Pune)

Specialization: Enzyme Technology, Developmental Biology.

**Dr. Maheswaran Mani, Ph.D.**

(Justus Liebig University Germany)

Specialization: Cell signaling in Diseases, Stem cell biology

### Recognized External Guide

**Dr. C. Raman Suri**

Institute of Microbial Technology, Chandigarh



# DEPARTMENT OF BIOTECHNOLOGY

School of Life Sciences

The Department of Biotechnology, established in 1992, offers M.Sc. and Ph.D. programmes in Biotechnology. DBT, Govt. of India supports our Department to strengthen the M. Sc. Biotechnology teaching programme. To augment the infrastructure facility and to conduct a vibrant research, the members of the faculty attract extramural grants from national (UGC, DBT, DST, CSIR, AICTE, AERB, ICMR, BRNS and MOES) and international (Rockefeller Foundation and Danish Government) agencies. The publications from our Department attest the exemplary of research work carried out in the Department.

## PROGRAMMES OF STUDY

**M.Sc. Biotechnology**  
**Integrated M.Sc. - Ph.D. in Biotechnology**  
**Ph.D. Biotechnology (Full-time)**  
**PG-Diploma in Biotechnology**

## ENTRANCE EXAMINATION

### M. Sc. Biotechnology

Twenty Three students are admitted by merit through the All India entrance examination (CEEBS) conducted by Jawaharlal Nehru University, New Delhi. Additionally, 2 top ranking students from among those who appear in the entrance examination who are natives of U. T. of Puducherry are also admitted. All the students admitted to M.Sc Biotechnology programme through JNU-DBT entrance examination are given a fellowship @ Rs. 3,000/- p.m.

### Integrated M. Sc. Ph. D. in Biotechnology

Nine students are admitted based on merit in the All India entrance examination conducted by Pondicherry University. All the students admitted into Integrated Ph. D. programme are offered a stipend of Rs. 1000/- p.m. for four semesters (20 months) and Rs. 8000/- p.m. for the period of next three years extendable for one more year. Students with CGPA of 7 or more on completion of mandated credits at the end of 4 semesters are eligible to proceed to Ph. D. Others will be awarded for M. Sc. degree. Students with CGPA of 7 or more are also permitted to exit the programme with M. Sc. degree on successful completion of credit requirements, however, they shall refund the stipend of Rs. 1000/- p.m.

### Ph.D. Biotechnology (Full-time)

The Department offers a full-time Ph.D. programme for which students are admitted based on the requirement through all India entrance examination conducted by the University. The students admitted for Ph. D. program are offered a stipend of Rs. 8000/- per month for a period of three years.

### PG-Diploma in Biotechnology

This is of two semester duration offered during evening hours. Twenty Students are admitted based on merit in the qualifying examination and the reservation is given as per University norms.

## THRUST AREAS OF RESEARCH

- Drug discovery from microbes and plants
- Nucleic acid and immunodiagnosis of plant pathogens and fish pathogens
- Immunostimulant and probiotics for disease control in fish, shrimp, poultry.
- Plant genomics and Genetic engineering of crop plants
- Nosocomial infections; Bacterial pathogens; Host – pathogen interaction; Quorum sensing
- Stem Cell Biology and Nanobiotechnology
- Epigenetics and Protein Engineering
- Chemical Biology

## SPECIAL RESEARCH GRANTS RECEIVED

Apart from individual research projects received by faculty members, the Department is supported by the DST-FIST and the UGC-SAP programmes.

## INFRASTRUCTURE FACILITIES

The Department has equipped, spacious laboratories with state of the art facilities such as Cold room, Photodocumentation, Plant tissue culture, Biosafety, Animal cell culture and Animal house. The Department also has equipments like high speed refrigerated centrifuges, UV-Vis spectrophotometer, Bioreactor system, Fermentor, CO<sub>2</sub> incubators, Electrophoresis apparatus, Gel documentation and chemiluminescent system, Multimode reader, PCR, Real-time PCR, Flash Chromatography, HPLC, GC, LCMS, vacuum concentrator, TG and 2-Dimensional Electrophoresis (IEF), Flow cytometer, Lyophilizer and Phase contrast, Fluorescence and inverted microscopes and -80o C deep freezers.

## FACULTY

### Professors

**N. Saktivel, Ph.D.** (University of Madras, Chennai)  
*Specialization:* Plant Biotechnology, Molecular Plant-Microbe interaction, Biological Nanoparticles

### Associate professors

**N. Arumugam, Ph.D.** (University of Delhi, Delhi)  
*Specialization:* Genetic Manipulation of Crop plants, Molecular Plant Breeding.

**V. Arul, Ph.D.** (Madurai Kamaraj University, Madurai)  
*Specialization:* Aqua Culture, Marine & Food Biotechnology.

**A. Hannah Rachel Vasanthi, Ph.D.**

(Tamil University, Thanjavur)

*Specialization:* Biochemical Pharmacology and Toxicology, Herbal Drug Development

**B. Sudhakar, Ph.D.** (Indian Institute of Science), Bangalore)

*Specialization:* Stem Cell Biology, Nano Biotechnology, Cancer Biology.

**Assistant Professors**

**Lata Shukla, Ph.D.**

(Jawaharlal Nehru University, New Delhi)

*Specialization:* Plant Biotechnology, Free Radical Research.

**K. Prashanth, Ph.D.**

(JIPMER, Pondicherry University, Puducherry)

*Specialization:* Medical Biotechnology, Immunology, Medical Microbiology.

**V. Venkateswara Sarma, Ph.D.**

(Madras University, Chennai)

*Specialization:* Microbiology, Microbial Biotechnology

**Arunkumar Dhayalan, Ph.D.**

(Jacobs University, Bremen, Germany)

*Specialization:* Epigenetics, Protein Engineering



# DEPARTMENT OF ECOLOGY AND ENVIRONMENTAL SCIENCES

School of Life Sciences

The major objective of this Department has been to provide interdisciplinary high quality education to students in order to deepen their understanding of contemporary ecological and environmental issues. The faculty have received international and national research awards and medals. Some have also been elected to the fellowship of National Academies and professional societies and are on the editorial boards of national & international journals.

## PROGRAMMES OF STUDY

**M.Sc.** Ecology and Environmental Sciences  
**Ph.D.** Ecology and Environmental Sciences (Full time)

## ENTRANCE EXAMINATION

Selection of students for M.Sc. and Ph.D. is based on All India Entrance Examination. The question paper will consist of 100 Multiple Choice Questions.

## THRUST AREAS:

Biodiversity and Conservation; Environmental Pollution; Agro-Ecosystem; Weed Ecology; Land use Planning; Resource Management; Wetland Ecology; Mathematical Modelling; Human Ecology and Environmental Health; Remote Sensing and GIS; Environmental Informatics, Marine Ecology; Coastal Zone Management; Constructed wetlands; Conservation Biology; Plant Animal Interactions; Ornithology and Wildlife Ecology.

## R & D PROJECTS:

Faculty members received funds for research projects from UGC, DST, MOEF, ONGC, Rockefeller Foundation, US Fish and Wildlife Service and other funding agencies.

## PLACEMENT

NGO's, Government Organisations and renowned research institutions and Universities in India and abroad

## INFRASTRUCTURE FACILITIES

The department has well equipped laboratory with sophisticated equipments such as Atomic Absorption Spectrophotometer, Skalar Auto Analyzer; UV Spectrophotometer, Gel-apparatus, Cooling high speed Centrifuge, FTIR Stereoscopic microscopes and Flame photometer

## FACULTY

### Professors

**K. V. Deviprasad, Ph.D.**

(Purdue University, USA)

*Specialization:* Theoretical studies, Modelling, Policy, Climate change and Environmental Law & Policy.

**Priya Davidar, Ph.D.** (Bombay University, Mumbai)

*Specialization:* Conservation Biology, Plant Animal Interactions, Behavioural Ecology, Field Ornithology.

**Anisa B. Khan, Ph.D.**

(Andhra University, Visakhapatnam)

*Specialization:* Environmental Epidemiology, Bio Remediation, Industrial Ecology, Resource Recycling & Management, Marine Ecology

**N. Parthasarathy, Ph.D.** (University of Madras, Chennai)

*Specialization:* Biodiversity & Conservation, Forest Ecology, Diversity and Ecology of lianas, Medicinal Plant Resources

### Associate Professors

**G. Poyyamoli, Ph.D.**

(Madurai Kamaraj University, Madurai)

*Specialization:* Social ecology climate change & Sustainability, Water waste water solid management, Agro-ecology, Sustainable tourism and Green campus

**D. Ramamoorthy, Ph.D.**

(Annamalai University, Chidambaram)

*Specialization:* Agriculture and Weed Ecology.

**A. Yogamoorthi, Ph.D.**

(Annamalai University, Chidambaram)

*Specialization:* Marine Ecology, Marine Biodiversity, Constructed wetlands, Bioactive compounds

**A. Vijaya Bhaskara Rao, Ph.D.**

(Sri Krishnadevaraya University, Annapur)

*Specialization:* Environmental Biotechnology, Environmental Seri-biotechnology, Plant Biotechnology, Environmental molecular biology, Environmental Physiology, Toxicology, Proteomics and metabolomics, Bioindustry, Structural biology.

**S. Jayakumar, Ph.D.** (Bharathidasan University, Tiruchirapalli)

*Specialization:* Remote Sensing & GIS, Land cover dynamics and modelling, Landscape Ecology, Carbon dynamics, Environmental Informatics, Forest Ecology.

### Assistant Professors

**S. S. Sundaravel, M.A., P.G. Diploma in Planning**

*Specialization:* Environmental Impact Assessment, Land Ecology, Global Change, Business strategies

**SM. Sundarapandian, Ph.D.**

(Madurai Kamaraj University, Madurai)

*Specialization:* Biodiversity and conservation, Forest ecology, Climate change & carbon mitigation, Biological Invasion, Population Ecology, Medicinal Botany, Soil Biology & fertility.

**Suja P. Devipriya, Ph.D.**

(Cochin University of Science and Technology, Kochi)

*Specialization:* Photocatalysis, Water Quality and Water Treatment Technologies, Environmental Biotechnology, Solid

Waste Treatment.

## **DST-INSPIRE FELLOW**

**K. Muthamizh Selvan, Ph.D.**

(Saurashtra University, Rajkot)

*Specialization:* Conservation biology, Population Ecology and Behavioural Ecology.

# DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

School of Life Sciences

The department of Food Science and Technology (Formerly Food Science and Nutrition) under the School of Life Sciences was established in the year 2007 offering post graduate course and Ph.D programme in Food Science and Nutrition and Food science and Technology (2009-2010 onwards). The major objective of the department is to implement education, research and outreach programs which are premeditated to provide a safe, nutritious, and affordable food supply that enhances human health. The faculty members in Food Science and technology come from diverse backgrounds and cover a wide range of specialties. We have experts in the areas of food chemistry, food microbiology and food safety, food processing, food engineering, food analysis, biotechnology and bio-processing, clinical nutrition, biochemical and molecular nutrition, community nutrition and dietetics.

## PROGRAMMES OF STUDY

**M. Sc. Food Science and Nutrition**  
**M. Sc. Food Science and Technology**  
**Ph.D. Food Science and Nutrition**  
 (Full time, Part-time: internal and external)  
**Ph.D. Food Science and Technology**  
 (Full time, Part-time: internal and external)  
**P.G. Diploma in Food Safety and Quality Assurance in Food Industry (Full Time)**

## ENTRANCE EXAMINATION

The selection of student is based on All India Entrance Examination.

### M.Sc. and Ph.D. in Food Science and Nutrition

The question paper will consists of 100 Multiple Choice Questions in Human physiology, Food Microbiology, Biochemistry, Food Science, Nutrition, Dietetics and allied areas.

### M.Sc. and Ph.D. in Food Science and Technology

The question paper will consists of 100 Multiple Choice Questions in Mathematics, Physics, Food Microbiology, Biochemistry, Food Science, Food process Engineering, Agricultural Engineering and allied areas.

### P.G. Diploma in Food Safety and Quality Assurance in Food Industry

The question paper will consist of 100 Multiple Choice Questions in the area of General Food Safety, Microbiology, Hygiene and Sanitation.

## THRUST AREAS OF RESEARCH

Food product development by using Novel Processing Techniques, Development of gadgets/ machineries for the Food Processing, Isolation and Characterization of Bioactive Phytochemicals, Safety Assurance of Food and Food Product, Novel Food Products based on Functional Starter Cultures, Fermented Foods and Starter Culture and Meat Processing.

## INFRASTRUCTURAL FACILITIES

The Department is well equipped with spacious laboratories and sophisticated equipment. The Department has acquired state of the art food processing pilot plant. The pilot plant facility house various food processing equipment of semi industrial scale such as canning and retort unit, spray drying unit, modified atmosphere packing unit, industrial baking unit, freeze drying unit, tray drier and fluidized bed drier in addition to other smaller equipment.

## FACULTY

### Associate Professors

**H. Prathap Kumar Shetty, Ph.D.**

(Mangalore University, Managlore)

*Specialization:* Food Safety, Food Biotechnology

**S. John Don Bosco, Ph.D.**

(Tamil Nadu Agricultural University, Coimbatore)

*Specialization:* Agricultural Process Engineering

### Assistant Professors

**Narayanasamy Sangeetha, Ph.D.**

(Avinashilignam University for Women, Coimbatore)

*Specialization:* Food Product Development, Therapeutic Nutrition, Community Nutrition.

**S. Haripriya , Ph.D.**

(Avinashilignam University for Women, Coimbatore)

*Specialization:* Nutritional Epidemiology, Antioxidant and Phytochemicals, Food Chemistry, Food Security, Community Nutrition

**Sunooj K.V., Ph.D** (University of Mysore)

*Specialization:* Meat Science and Food Engineering

**Seghal Kiran.G, Ph.D.** (Bharathidasan University )

*Specialization:* Molecular Microbiology (Genome Mining)

# CENTRE FOR BIOINFORMATICS

School of Life Sciences

The Centre for Bioinformatics in Pondicherry University was started as Sub Distributed Information Centre of the Department of Biotechnology, Govt. of India (DBT) in 1991. The mandate of the Centre is to train manpower and conduct research in various areas of Bioinformatics and Computational Biology. Recognizing the progress made by the Centre, DBT upgraded the Centre to a full Centre level in 2002 and several new positions were sanctioned and additional funding was allocated.

The Centre is identified as a Centre of Excellence for Research and Training in the field of Bioinformatics by the Department of Information Technology, Govt. of India, New Delhi from 2007 to 2013 and awarded a special grant of ` 3.69 crores. The Centre has taken up several research projects and has offered modular courses in Bioinformatics under this Grant.

The Centre started a M.Sc., program in Bioinformatics in 2007 supported by the University Grants Commission (UGC) under the scheme of “Innovative Programme - Teaching & Research in Interdisciplinary and Emerging Areas”. For advanced research in Bioinformatics and Computational Biology, the Centre started Ph.D. Programme in 2009. The Centre also received UGC Special Assistance Program (SAP) at the DRS-I level in 2012. The Centre for Bioinformatics has received a grant of ` 1 crore under DST-FIST program for procuring sophisticated equipment.

The Centre started an innovative M.Sc. program in Computational Biology fully funded by DBT in a network mode with Madurai Kamaraj University, Madurai and Anna University, Chennai in 2010. This programme is first of its kind in the country and upgraded to M.Tech program in Computational Biology from 2014 in collaboration with Anna University, Chennai. The Centre has also signed an MoU with Institute of Bioinformatics (IoB), Bangalore for collaborative research and Ph.D. guidance. The Ph.D. students can visit these labs for collaborative research and the details are available at [www.bicpu.edu.in](http://www.bicpu.edu.in).

All students, research scholars and faculty are provided round-the-clock computing facility. The Centre has established a separate wet lab facility with sophisticated equipments. Most of the past students have been placed in various leading research institutions and industries.

Over the past few years, the Centre has taken up research activities in the areas of molecular evolution, systems biology, molecular modeling, structural biology, database development etc., and several papers have been published in highly reputed International and National Journals. The faculty and students have received projects/fellowships from various funding agencies like Department of Biotechnology, Department of Information Technology, University Grants Commission, Council of Scientific and Industrial Research-JRF/SRF, Department of Science and Technology, Bioinformatics National Certificate (BINC), DST-Innovation in Science pursuit for Inspired Research (INSPIRE) and Rajiv Gandhi Fellowship.

The University has provided a new state-of-the art building for our Centre.

## ● PROGRAMMES OF STUDY

**M.Sc.** Bioinformatics  
**M.Tech.** Computational Biology  
**Ph.D.** Bioinformatics

## ● ENTRANCE EXAMINATION

**M.Sc. Bioinformatics**  
 Selection is based on an entrance examination conducted at various Centres by Pondicherry University. The test consists of multiple choice questions in Biology, Biochemistry, Molecular Biology, Biotechnology, Chemistry, Biophysics, Computer Science, Statistics and Mathematics.

**M.Tech. Computational Biology**  
 Selection will be based on a common entrance examination to be conducted at various Centres by Pondicherry University. The details will be advertised in newspapers and will be available at [www.pondiuni.edu.in](http://www.pondiuni.edu.in), [www.bicpu.edu.in](http://www.bicpu.edu.in) and [www.annauniv.edu](http://www.annauniv.edu). The test consists of multiple choice questions in Biology, Biochemistry, Molecular Biology, Biotechnology, Chemistry, Biophysics, Computer Science, Statistics and Mathematics.

A stipend of 8,000/- p.m. will be provided by the Department of Biotechnology, Government of India, New Delhi for all the students admitted.

### **Ph.D. in Bioinformatics**

Selection is based on an entrance examination conducted at various Centres by Pondicherry University. The test consists of multiple choice questions in Bioinformatics, Computational Biology, Biochemistry, Molecular Biology, Biotechnology, Chemistry, Biophysics, Computer Science, Statistics and Mathematics at PG level. Candidates who have qualified for JRF (UGC / CSIR-NET / DBT-BINC) are exempted from entrance exam. They can apply directly.

The University has signed an MoU with Institute of Bioinformatics (IoB), Bangalore for collaborative research and Ph.D., guidance. Selected candidates can also work at IoB on collaborative projects.

## SPECIAL GRANTS

- DBT - Centre for Bioinformatics (Continuing Scheme)
- DIT - CoE in Bioinformatics (2007 - 2013)
- DBT - M.Sc./M.Tech. Computational Biology (Continuing Scheme)
- UGC - Innovative Programme-Teaching and research in Interdisciplinary (Continuing Scheme)
- DBT - Advanced P.G. Diploma in Bioinformatics (2001 -2008)
- UGC - Special Assistance Program (Continuing Scheme)
- DST-FIST program (Continuing Scheme)

## INFRASTRUCTURE FACILITIES

### A. COMPUTERS AND COMMUNICATION FACILITY

Tesla GPU server, Xeon Quad Core Servers (4 Nos.), Xeon Cluster Servers (3 Nos.), Itanium Server, AMD Opteron Server, Wipro Xeon Server, HP Workstations (5 Nos.), Silicon Graphics Fuel Machine, Apple iMac (2 Nos.), HCL Laptops (5 Nos.), HCL/HP Intel Core i5/Core 2 Duo Workstations (145 Nos.) – Works on both Windows and Linux Operating Systems.

Modern computing facilities and round-the-clock internet connectivity are provided to the students to meet their academic and research needs.

### B. WET LAB

The Centre has developed a separate wet lab facility. The lab is functional with the following equipments: High performance Liquid Chromatography (AKTA-HPLC), UV-Visible Spectrophotometer, ELISA Reader, Gel Documentation System, PCR Thermal Cycler, -80°C Deep Freezers, -20°C Freezer, Refrigerated Table Top Centrifuge, Quartz Distillation Unit, Water purification system, Bench To Freeze Dryer, Vertical Gel apparatus, Horizontal Gel apparatus, Western blot apparatus, UV illuminator, and pH meter. The Centre is in a process of establishing a cell culture facility.

### C. SCIENTIFIC SOFTWARE PACKAGES

Discovery Studio 3.1, Amber 11, Autodock, Dock, Modeller, Gromos 96, V-Life, Whatif, EMBOSS, BioEdit, Phred, Consed, GeneScan, Statistica, MEGA, R

### D. RESOURCES & SERVICES

A separate website, designed in-house and hosted in the web server, available at [www.bicpu.edu.in](http://www.bicpu.edu.in) is being maintained by the Centre. Information about courses, admissions, syllabus, seminar notifications & various opportunities for traineeship/ studentship / JRF are updated periodically. Bioinformatics related tools can be downloaded from the site.

In addition the centre has Domain Name Server (DNS), Database Server, E-Book Intranet Server, Proxy Server and Cluster Computing servers

## E. DATABASES & OTHER INFORMATION RESOURCES IN THE CENTRE

### Books

Approximately 600 books available in the reference library of the Centre

### Journals

Scientific American, Cell, Current Science

### Access to E-Journals

University has access to UGC Infonet Journals, Science Direct, Blackwell Publishers, EBSCO Databases

## PLACEMENT DETAILS

Some of the students trained in the Centre are placed in the following organizations between 2001 and 2014:

### Industry Placements

- HCL Info Systems
- Tata Consultancy Services
- Molecular Connections, Bangalore
- Institute of Bioinformatics, Bangalore
- Protein Lounge, Bhubaneswar
- Genemines, Chennai
- BIOBASE Databases Indian Pvt. Ltd., Bangalore
- Computational Research Lab, Pune
- Jubilant Biosys, Bangalore
- Wipro Technologies, Chennai
- Schrödinger, Hyderabad
- EnZene Biosciences Pvt. Ltd., Bangalore
- ABLE C Drive, Bangalore
- Persistent Systems Limited, Pune

### Teaching/ Research Placements

- Pusan National University, South Korea
- Stony Brook University, New York
- Sungkyunkwan University, South Korea
- University of Madras, Chennai
- Central Sericulture Research & Training Institute, Mysore
- Institute of Microbial Technology Institute, Chandigarh
- Centre for Cellular and Molecular Biology, Hyderabad
- Alagappa University, Karaikudi
- Indian Institute of Technology, Chennai
- Jawaharlal Nehru University, New Delhi
- National Institute of Immunology, New Delhi
- Kumaun University, Nainital
- Maulana Azad National Institute of Technology, Bhopal
- Amity University
- Yeungnam University, South Korea
- Maharshi Dayanand University, Haryana
- Technical University of Munich, Germany
- La Trobe University, Australia
- Swinburne University of Technology, Australia
- Louisiana State University, USA
- University of Illinois
- University of Lisbon, Portugal

## THRUST AREAS OF RESEARCH

Molecular Evolution, Systems Biology, DNA-Protein Interactions, Comparative Genomics, Protein Structure Modelling, Molecular modelling, X-ray Crystallography, Drug Design, Cell Signalling, Single particle analysis, Medicinal Chemistry, Computational Biology, Molecular Biology

## FACULTY

### Associate Professor

**Basant K. Tiwary, Ph.D.** (Bose Institute, Kolkata)

*Specialization:* Molecular Evolution and Systems Biology.

**A. Dinakara Rao, Ph.D.**

(Sri Venkateswara University, Tirupati)

*Specialization:* Cell Signaling, Molecular Entomology, and Biochemistry.

**P. T. V. Lakshmi, Ph.D.** (University of Madras, Chennai)

*Specialization:* Phytomatics, Genomics and Proteomics, biofuel from Cyenobacteria.

### Assistant Professors

**R. Krishna, Ph.D.** (University of Madras, Chennai)

*Specialization:* X-ray Crystallography (Proteins), Molecular Modeling (Protein & DNA).

**M. Suresh Kumar, Ph.D.** (University of Madras, Chennai)

*Specialization:* Structural Studies on Viral Proteins, Promiscuity of Antibodies, Inhibitors for Viral Proteases.

**Archana Pan, Ph.D.** (Jadavpur University, Kolkata)

*Specialization:* Comparative Genomics, Molecular Evolution, Drug Design.

**R. Amutha, Ph.D.** (University of Madras, Chennai)

*Specialization:* Computational Biology, Molecular Dynamics, Simulations, Drug Design.

**B. Syed Ibrahim, Ph.D.** (University of Madras, Chennai)

*Specialization:* Macromolecule Crystallography, protein-protein interaction analysis, Venom protein studies.

**A. Murali, Ph.D.** (Sri Venkateswara University, Tirupati)

*Specialization:* Structural Biology, Transmission electron microscopy, Single particle analysis, Nano-biotechnology.

**S. Mohane Coumar, M.Pharm, Ph.D.**

(Panjab University, Chandigarh)

*Specialization:* Drug design and Medicinal Chemistry Development.

**V. Amouda, Ph.D.** (Pondicherry University)

*Specialization:* Database Management Systems, Algorithms.

## RECOGNIZED Ph.D. GUIDE FROM OTHER INSTITUTIONS.

### Institute of Bioinformatics, Bangalore

**Akhilesh Pandey, Ph.D.**

(University of Michigan, U.S.A)

*Specialization:* Genomics, Proteomics, Bioinformatics, Molecular Biology.

**T. S. Keshava Prasad, Ph.D.** (Goa University, Goa)

*Specialization:* Bioinformatics, Genomics & Proteomics.

**Aditi Chatterjee, Ph.D.** (University of Calcutta, Kolkata)

*Specialization:* Proteomics, Cancer Biology/ Molecular Biology, Signaling pathway, miRNA in cancer.

### Indian Institute of Chemical Technology, Hyderabad,

**G. Narahari Sastry, Ph.D.**

(University of Hyderabad, Hyderabad)

*Specialization:* Bioinformatics, Computational Biology, Computational Chemistry.



## SCHOOL OF HUMANITIES

Dean: Prof. S. Pannirselvame

Department of English  
Department of French  
Department of Hindi  
Department of Sanskrit  
Department of Philosophy  
Department of Physical Education and Sports  
Centre for Foreign Languages  
Escande Chair in Asian Christian Studies

All the Departments offer P.G., Ph.D. programmes. The School caters to the needs of a large number of students of the University and some of the faculty members of the School have made enormous contributions to their

respective disciplines and they are known and recognised in the academic community for their scholarship. The centre for Foreign Languages offers evening certificate courses in Japanese, Chinese, French, Italian, Spanish,

German, Russian and Arabic.



## DEPARTMENT OF ENGLISH

School of Humanities

The Department of English, one of the oldest Departments of the University, was established on 1st December, 1986, and since its inception, the Department has been the hub of teaching and research activity, attracting a cross-section of students and research scholars from all over the country. It has established itself as a stronghold of Comparative Literature, teaching Comparative Literary Theory and fostering Comparative Literary Studies between English and other literatures. In recent years, Translation Studies, Cultural Studies, Ecocritical Studies, Dalit Studies and Disability Studies too have emerged as thrust areas, inspiring interdisciplinary and intra-disciplinary insights among faculty and students alike.

At the Postgraduate level, the Department of English offers courses in poetry, drama, prose and fiction of canonical British literature, American Literature, and other National literatures thus offering a good training for UGC-NET aspirants, and all those keen to acquaint themselves with the representative texts. A strong theoretical foundation is laid with two Literary Theory courses spread over two semesters. The Department also offers courses in ELT and Research Methodology which are application-oriented. A basic course devised as “Language through Literature” offers students an orientation to the formal study of English language and literary appreciation. A high-point of our M.A. Programme is the research project that encourages individual initiative and self-study on the part of the students. Emerging areas of study such as Media Studies, Postcolonial Studies, and Gender Studies along with an array of specialized electives make for an M.A. programme a perfect blend of the traditional and the modern. A PG Diploma course on Professional Communication in English (PGDPCE) has been offered as an Add-on Evening programme to cater to the demands of the other Department Students and job-goers on and off the campus.

The faculty members of the Department of English also engage Functional English classes for the fast-mushrooming integrated courses in various other allied disciplines. This is done with diligence and commitment with a view to fostering efficiency and skill in the use of the language. As the Department just celebrated its Silver Jubilee Year, it has set a distinct path to get even better in its academic standards and commitment to the community and nation at large. The Department takes pride in being one of the best Departments for high quality degree programs, affordability, and career prospects.

### ● PROGRAMMES OF STUDY

M.A. English and Comparative Literature

Ph.D. English

(Full-time & Part-time (Internal & External))

**PG Diploma** in Professional Communication in English (PGDPCE)

### ● ENTRANCE EXAMINATION

**M.A.:** The entrance Examination would comprise 100 Multiple Choice Questions of a general nature drawn from Undergraduate syllabi from Indian Universities. The major focus should be on poetry, prose, drama and literary criticism-British, American, Commonwealth and Indian—that an undergraduate is expected to be familiar with—An overall awareness of literature is what is tested.

**Ph.D.:** A national level entrance test - with 100 Multiple Choice Questions drawn from the postgraduate syllabi of Indian Universities, where in a greater emphasis will be given to evaluating the research aptitude and awareness of International literary movements, theoretical perspectives and writing from across cultures.

### CO-CURRICULAR AND EXTRA-CURRICULAR ACTIVITIES

The English Department, through the weekly Research and Journal Alert Forum, encourages sharing of research activities, both of the faculty members and the scholars. Wall magazines and regular cultural programmes offer opportunities to students to exhibit their talent in writing, drawing, painting, singing and other art forms. In all, the creative talents of each student is cherished and encouraged.

### WRITER IN RESIDENCE:

Initiated by the department from 2010, this unique programme is intended as a Chair for Creative Writing and is envisaged as providing the University with an opportunity to invite celebrated writers to reside in the campus and to share their expertise and experience with faculty, scholars and students alike.

### PLACEMENT

Students who have completed their degrees from the Department continue to get employment as teachers in Universities, Colleges and schools all over India. Some of our students have entered the Corporate and Media sectors. The placement cell of the Department makes an effective coordination between the outgoing students and prospective employers.

## INFRASTRUCTURE

The Department has well-ventilated classrooms and seminar halls having suitable seating capacity. Besides the faculty's personal computers, the office too is equipped with state of the art computers with internet facilities. The Department also has all necessary audio-visual equipment.

## FACULTY

### Professors

**N. Natarajan, Ph.D.** (University of Madras, Chennai)  
*Specialization:* Literary Criticism, Modern Fiction, Comparative Literature and Semiotics.

**S. Murali, Ph.D.** (University of Kerala, Trivandrum)  
*Specialization:* Poetry, Aesthetics, Literary Theory, Indian Literature, Visual Arts, and Environmental Studies.

**Sujatha Vijayaraghavan, Ph.D.** (IIT, Chennai)  
*Specialization:* Indian Writing in English, Translation Studies, Postcolonial Studies. Oral Literatures & Folklore Studies.

### Associate Professors

**Clement Sagayaradja Lourdes Ph.D.**  
(Pondicherry University)  
*Specialization:* Indian Writing in English and Translation Studies.

**H. Kalpana Ph.D.** (Pondicherry University)  
*Specialization:* Canadian and American Literature, Women's Literature, Feminist Theories and Cultural Studies.

**T. Marx., Ph.D.**  
(Manonmaniam Sundaranar University, Tirunelveli )  
*Specialization:* Comparative Literature, Drama, Subaltern Studies and Translation.

### Assistant Professors

**Binu Zachariah Ph.D.** [Senior Scale] (University of Hyderabad, Hyderabad)

*Specialization:* Comparative Literature and Communication Skills.

**Lakhimai Mili Ph.D** (NEHU)  
*Specialization:* Indian Writing in English, Activist Writing, and English Language Teaching

**S. Visakadevi, Ph.D.** (Pondicherry University)  
*Specialization:* Comparative Literature, Poetry and Translation Studies

**Ujjwal Jana, Ph.D.**  
(Indian Institute of Technology, Kharagpur)  
*Specialization:* Indian Aesthetics, Indian Writing in English, Narratology, Theatre Studies and Regional Studies

**K. Reshmi Ph.D.** [Senior Scale]  
(Avinashilingam University, Coimbatore)  
*Specialization:* Feminist Writing, Ecocriticism, Comparative Literature and Canadian Literature.

# DEPARTMENT OF FRENCH

School of Humanities

The Department of French was established in 1987. The following programmes are conducted: M.A. French ( Translation & Interpretation ), Ph.D. Faculty members are trained in French Language and Literature. They have undergone specialized training at various universities in France. The two- year Master's degree in French translation and interpretation prepares students for successful jobs like Translators, Teachers, Assistant Professors and Executives. Students are given wide options to select electives from various Departments of the University so as to increase their job opportunities and to become fully equipped to face the challenges of life.

## PROGRAMMES OF STUDY

**M.A.** French (Translation and Interpretation)  
**Ph.D.** French (Full-time & Part-time (Internal & External))

## ENTRANCE EXAMINATION

**M.A.** French (Translation and Interpretation)  
 The Question Paper for the Entrance Examination will consist of 100 Multiple Choice Questions on French language, literature and civilization.

**Ph.D.**  
 The written examination will consist 100 Multiple Choice Questions on French language, literature and civilization.

## LINKAGES WITH FRENCH UNIVERSITIES

M.A. students can pursue their studies for one or two semesters in any one of the French Universities, offering similar type of courses, which have signed M O U with the Pondicherry University.

Every year, the students of the French Department are offered an opportunity by the French Embassy, New Delhi, to teach English language in schools in various regions of France for a period of one year. This also gives them an opportunity to do some courses in French Universities, and also to have first hand information of life in France. Back in India, they are thus able to fare well in their professional lives.

## JOB OPPORTUNITIES

All the students, after their Post – Graduation are absorbed as Assistant Professors, Teachers, Translators and Executives in companies like Renault, HSBC, TCS, CTS, HP, Wipro, Ford, GE, British Airways, etc.

## INFRASTRUCTURE FACILITIES

The Department has audio and video equipment designed for the teaching of language, as well as browsing facilities.

## FACULTY

### Professors

**S. Pannirselvame, Ph.D.**  
 (Pondicherry University, Puducherry)  
*Specialization:* French Language, French Linguistics, Translation, and Teaching of French as a Foreign language.

**Nalini J. Thampi, Ph.D.** (CIEFL, Hyderabad)  
*Specialization:* French and Francophone Literatures, Comparative Literature, and Women's Writing.

### Assistant Professors

**Ananda Vadivelou, DEA** (Sorbonne University, Paris III)  
*Specialization:* French Civilization, Business French, Hotel Management and Tourism.

**C. Thirumurugan, Ph.D.**  
 (Pondicherry University, Puducherry)  
*Specialization:* French Literature and Comparative Literature.

**Sarmila Acharif, M.Phil.**  
 (Pondicherry University, Puducherry)  
*Specialization:* French Literature and Comparative Literatures.

**Jayapal Sharmili, Ph.D.** ( Pondicherry University )  
*Specialization:* French and Francophone Literatures

**Ritu Tyagi, Ph.D.**(Louisiana State University)  
*Specialization:* French and Francophone Literatures.

## DEPARTMENT OF HINDI

School of Humanities

Department of Hindi is offering educational programmes since past 19 years. It has emerged as a strong Department since 1993. The Department has a strong potential in research programmes and it facilitates for intensive study and research in different areas of Hindi Language and Literature and its applied and functional aspects such as translation, Comparative studies, other discourses etc. Syllabus of the Hindi Department is based on the Model Syllabus of University Grants Commission. Faculty members of the Department have designed 43 Soft Core courses which are offered both in Hindi and English medium and 13 optional courses for the wide choice to develop specialization or versatility on latest trends of Hindi Languages and literature. Department is playing a vital role in spreading E-Literacy in the area of computing in Indian Languages. Best practices in teaching, learning and evaluation process are through Seminars, class tests, group discussions and use of ICT in teaching.

### ● PROGRAMMES OF STUDY

**M.A. Hindi**

**Integrated M.A. - Ph.D. in Hindi**

**Ph.D. Hindi**

(Full-Time & Part-Time {Internal & External})

**P.G. Diploma in Functional Hindi and Translation**

(Evening Course)

As an add on programme which will facilitate the students to obtain dual degree simultaneously, thus enhancing their employability. Any Graduate with Hindi as one of the subjects at the UG level or Praveen from DBHP Sabha along with any Under Graduate Degree is eligible to pursue the course. The P.G. Diploma in Functional Hindi and Translation is a one year course with six papers and a project, offered in two semesters. Each semester has 3 papers. Valuation will be 40% internal and 60% External.

### ● ENTRANCE EXAMINATION

Ph.D., M.A. all question papers will have 100 Multiple Choice Questions. The questions will be related to Hindi Language and Literature of Under Graduate level for M.A Entrance Examination. Ph.D. entrance Examination will be of Post- Graduate level to test the comprehensive understanding of History of Hindi Literature, Hindi Language and the research aptitude of the candidate.

### INFRASTRUCTURE FACILITIES

The Department has good infra-structural facilities including interactive class rooms, LCDs and other teaching aids to assist teachers and student in their pursuit of academic excellence. Computers with internet facility.

### AIM AND VISION

The vision and mission of the Department of Hindi is to enhance the efficiency and proficiency of the Scholars and Student in the filed of Language and literature. The Department envisages a creative environment and an atmosphere of learning by facilitating multi-disciplinary interaction. It aims to inspire the students to pursue the inherent urge to gain knowledge though various activities. To encourage creative writing and cultural activities are encouraged through participation in FM Radio, publishing departmental magazine and Wall magazine.

### RESEARCH & EXTENSION ACTIVITIES

Faculty Members are engaged in Major Research Projects funded from University Grants Commission. Faculty members are engaged actively in the extension activities such as spreading E-Literary, developing e-content, referees, editors in National Journals and are members in National Committees.

On going UGC Major Research Project: "ICT for development of Hindi: Comprehensive study of using ICT in teaching, learning and using Hindi Language and Literature."

### PLACEMENTS

Hindi Post Graduates have wide scope in various organizations such as Central Govt. and State Govt. organizations, Public Sector Undertakings, Govt. Enterprises, Public Sector Banks, Media and Publication Houses, etc. as Translators, Hindi Officers, Editors; and in Educational Institutions of various levels as Teachers, Lecturers, Professors etc.

Our students are represented from various states of all over the Country. Many students have cleared UGC-NET and JRF Examinations. Our students have been placed well in various Govt. organizations, Universities, Banks and other Organizations. Special orientation programmes are being conducted for the students for the development of skills and better employability.

### FACULTY

**Professor**

**V. Vizialakshmi, Ph.D., D.Litt.**

(B.R. Ambedkar University, Muzaffarpur)

*Specialization* : Medieval and Modern Poetry, Hindi Fiction and Comparative Literature

**Assistant Professors**

**S. Padmapriya, Ph.D.**

(Sri.Venkateswara University, Tirupati)

*Specialization*: Modern Poetry, Drama, Functional Hindi and Translation.

**Pramod Meena, M.Phil., (DU, Delhi) Ph.D. (IGNOU, Delhi)**

*Specialization*: Cinema and Media Studies, Linguistics, Hindi Drama, Dalit and Tribal Studies.

**C. Jaya Sankar Babu, Ph.D. (University of Mysore, Mysore)**

*Specialization*: Journalism, Functional Hindi, Hindi Language and Comparative Literature and Language Computing.

# DEPARTMENT OF SANSKRIT

School of Humanities

The Department of Sanskrit started functioning from the 7th August 1988 and it aims to train students who are oriented towards research and teaching in advanced areas of Vedanta, Nyaya, Yoga, Vyakarana, Literature and Literary Criticism as well as Indian knowledge systems both of contemporary Indian reality and contemporary western thought. Department is playing a vital role in research in Indian traditions of thought in the systems of Philosophy, linguistics, literary criticism. Besides, it offers P.G. Diploma on Manuscriptology and Paleography, undertaking maintenance and preservation of heritage texts and manuscripts, imparting knowledge of scripts like Grantha. The objectives are sought to be achieved by training students and researchers through best practices in teaching, learning and evaluation process and through week-end Seminars, group discussions and use of ICT in teaching. General studies for competitive examination and coaching for NET/JRF are also provided.

## ● PROGRAMMES OF STUDY

**M.A. Sanskrit**

**Ph.D. Sanskrit** Full-time & Part-time (Internal & External)

**PG Diploma** in Manuscriptology & Paleography

## ● ENTRANCE EXAMINATION

Candidates seeking admission to M.A. should have 50% of marks in Sanskrit in graduation. Admission to M.A. will be based on the marks and merit of the Degree level examination.

Admission to Ph.D. is through Entrance Examination which will be of the level of M.A. in the following areas. There will be 100 objective type questions (MCQ pattern) carrying four marks for each correct answer and minus one (-1) mark for wrong answer.

### **Dramas:**

Abhijnanasakuntalam, Mrchakatikam,  
Uttararamacharitam

### **Poetry**

Raghuvamsa (1-2) and Kumarasambhavam (5),  
Meghadutam

### **Grammar**

Samjna, Sandhi, Karaka, Samasa, Linguistics and Nirukta

### **Alankara**

Kavyadarsa, Dhvanyaloka, Rasagangadhara and  
Natyasastram (6)

### **Darsanas**

Vedantasara, Tarka Samgraha, Sankhya Karika, Yogasutra,

### **Upanisad**

(Katha, Isavasya & Svetasvatara)

### **General Sanskrit**

## INFRASTRUCTURE FACILITIES

Department has good infrastructural facilities including interactive class rooms, LCD and other teaching aids to assist teachers and students in their pursuit of academic excellence. Department has a small departmental library as well as school library. There is a large collection of books in Sanskrit in the main library of Pondicherry University. The aesthetically laid out and fully furnished seminar room of the School of Humanities provides the venue for lectures and seminars regularly. There is a research scholars' room with computers, broadband connection and wifi facility.

## FACULTY

### Professor:

**C. S. Radhakrishnan, Ph.D.** ( University of Madras)

*Specialization:* Kavyasastra, Manuscriptology, Indology and Visishtadvaita

### Associate Professors

**J. Krishnan, Ph.D.** ( University of Madras)

*Specialization:* Advaita Vedanta and Nyaya

**K. E. Dharaneedharan, Vidyavaridhi** (New Delhi)

*Specialization:* Nyaya, Mimamsa, Advaita, and Visistadvaita

**Chakradhar Behera, Ph.D.** (University of Pune)

*Specialization:* Vedanta, Sankhya, Yoga, Linguistics and Literature

### Assistant Professors

**C. Palaiah, Ph.D.** ( University of Mysore)

*Specialization:* Kavya Sastra

**Anil Pratap Giri, Ph.D.**

(Jawaharlal Nehru University, New Delhi)

*Specialization:* Indian Poetics, Grammar, Navya Nyaya Language & Methodology and Linguistics

## DEPARTMENT OF PHILOSOPHY

School of Humanities

The Department of Philosophy started functioning from the academic year 1989-90 and is offering Ph.D. and M.A. Programmes. The thrust areas of teaching and research are Metaphysics (Eastern & Western), Epistemology (Eastern & Western) and Social Philosophy (Eastern & Western).

### ● PROGRAMMES OF STUDY

**M.A. Philosophy**

**Ph.D. Philosophy: Full-time & Part-time**  
(Internal & External)

### ● ENTRANCE EXAMINATION

**M.A.** The written paper for admission will comprise of 100 Multiple Choice Questions of the Under-Graduate level.

**Ph.D.** The written paper for admission will comprise of 100 Multiple Choice Questions of the Post-Graduate level.

### Associate Professors

**B. R. Shantha Kumari, Ph.D.**

(Pondicherry University, Puducherry)  
*Specialization:* Advaita, Aesthetics, and  
Classical Indian Philosophy

**S. Indira, Ph.D.**

(Sri Venkateswara University, Tirupati)  
*Specialization:* Contemporary Indian Philosophy,  
Gandhian Philosophy & Yoga Philosophy

### Assistant Professor

**P. Kesava Kumar, Ph.D. -(on EOL)**

(University of Hyderabad, Hyderabad)  
*Specialization:* Ethics and Social Philosophy,  
Contemporary Indian Philosophy, Cultural Studies,  
Philosophy of Religion and Political Philosophy

## FACULTY

### Professors

**K. Srinivas, Ph.D.**

(Jawaharlal Nehru University, New Delhi)

*Specialization:* Analytic Philosophy, Epistemology  
(Indian and Western), Philosophy of Science &  
Modern Logic



# DEPARTMENT OF PHYSICAL EDUCATION AND SPORTS

School of Humanities

The Department of Physical Education and Sports was established in August 1987.

## PROGRAMMES OF STUDY

**M.P.Ed.** Master of Physical Education & Sports  
**Ph.D.** Physical Education & Sports  
 Full-time & Part-time (Internal & External)  
**P.G. Diploma.** Health Fitness & Life Style Management

## ENTRANCE EXAMINATION

**M.P.Ed.:** The written examination for M.P.Ed. will comprise of 100 Multiple Choice Questions of B.P.Ed. / B.P.E. level drawn from the following subjects:

Anatomy & Physiology, Measurement and Evaluation, History of Physical Education, Principles of Physical Education, Camping, Sports Management, Methods in Physical Education, Psychology, Yoga, General Knowledge, Games and Sports. The applicants should also undergo physical fitness tests and games proficiency tests conducted by the Department.

(a) Physical fitness - 3 tests (practical) Marks	= 25
(b) Proficiency in games (practical) Marks	= 25
(c) Entrance Examination (Theory) Marks	= 50
Total	100 Marks

**Ph.D.:** The questions for the entrance examinations will consist of 100 Multiple Choice Questions drawn from the M.P.Ed. / M.P.E./ M.P.E.S., viz., Research Methods, Elementary Statistics, Exercise Physiology, Measurement and Evaluation in Physical Education, Bio-Mechanics and Kinesiology, History of Physical Education, Sports Psychology, Training Methods, General Knowledge, Sports Medicine and Sports Management in games and sports. Physically Challenged candidates are not eligible to apply.

## INFRASTRUCTURE FACILITIES

The Department offers good facilities for the following games: Cricket, Football, Volleyball, Basketball, Tennis, Kabaddi, Hockey, Handball and Kho-Kho. The Department has a good out-door stadium with cinder track, Multi Sports Complex, a turf wicket cricket ground, a Physical Fitness Centre and Physiotherapy Lab and computer lab.

## FACULTY

### Professors

**D. Sultana, Ph.D.** (Alagappa University, Karaikudi)  
*Specialization:* Physical Education, Measurement & Evaluation and Basketball., Research Methodology, Exercise Physiology and Yoga.

**P. K. Subramaniam, Ph.D.**  
 (Pondicherry University, Puducherry)  
*Specialization:* Physical Education, Research Methodology, Kinesiology, Yoga and Volleyball.

### D. Sakthignanavel, Ph.D.

(Annamalai University, Annamalai Nagar)  
*Specialization:* Physical Education, Exercise Physiology, Training Methods, Sports, Psychology and Yoga.

### Associate Professors

**G. Vasanthi, Ph.D.** (Annamalai University, Annamalai Nagar)

*Specialization:* Physical Education, Sports Psychology, Measurements & Evaluation, Sports Medicine, Health Fitness and Wellness, Volley ball, Table Tennis and Yoga.

### G. Vinod Kumar, Ph.D.,

(Manonmaniam Sundaranar University, Tirunelveli)  
*Specialization:* Physical Education, Sports Medicine, Biomechanics in sports, Research methods in Physical Education, Anatomy and Physiology, Applied Kinesiology, Sports Psychology and Yoga, Athletics & Football.

### M. Elayaraja, Ph.D.

(Annamalai University, Annamalai Nagar)  
*Specialization:* Physical Education, Physiology of Sports training, Exercise & Disease Management, Sports and Multimedia, Cricket, Tennis.

### Assistant Professors (Senior Scale)

#### K. Tiroumourougane, M.Phil.

*Specialization:* Physical Education, Sports Management, Sport Bio mechanics, Hockey and Yoga.

### Assistant Professors

**R. Ram Mohan Singh, Ph.D.** (Bharathidasan University, Tiruchirapalli)

*Specialization:* Physical Education, Sports Psychology, Training Methods, Research Methods, Cricket, Health fitness and Yoga.

**A. Praveen, Ph.D.** (Tamil Nadu Physical Education and Sports University, Chennai)

*Specialization:* Physical Education, Sports Management, Sports Physiology, Football, Athletics and Nutrition and Training Methods.



## CENTRE FOR FOREIGN LANGUAGES

School of Humanities

Launched as an innovative project in June 2009, the Centre for Foreign Languages was started in order to cater to the compelling requirements of the present fast-moving world and its multi-linguistic links. In this era of globalisation and commercial tie-ups, knowing a foreign language is always an asset which gives one the required edge and enhances the job prospects. Apart from the business exchange, there is also a growing need to translate scientific and technical documents, and of course, famous literary works from foreign languages. In the world of music too, there is an urge to understand the wordings of many songs, specially from the Arabic and Latin American side. Films too need to be dubbed often.

### ● PROGRAMMES OF STUDY

- Add-On Evening Certificate of Proficiency Course (under CBCS, for 2 semesters) in :
  - French
  - German
  - Spanish
  - Japanese
  - Arabic

### FACULTY

#### Centre Head

**B. Krishnamurthy, Ph.D.**

(M.S. University of Baroda, Baroda)

and Well qualified GUEST FACULTY in each of the aforementioned languages

## ESCANDE CHAIR IN ASIAN CHRISTIAN STUDIES

School of Humanities

This Endowed Chair was established in the year 2004. The main objective of the Chair is to guide researchers on the study of Christianity in relation with other religious, cultural & philosophical thoughts in Asia. The Chair offers Ph.D. and P.G. Diploma programmes in collaboration with the Department of Philosophy.

### ● PROGRAMMES OF STUDY

**Ph.D.** Asian Christian Studies (Full-time)

### ● ENTRANCE EXAMINATION

The written examination will comprise of 100 Multiple Choice Questions and P.G. Diploma will comprise of 100 Multiple Choice Questions on Christianity

#### Additional Faculty

K. Srinivas, Ph.D.

#### Guest Faculty

Fr. Dominic

Sr. Suzanne

## SCHOOL OF PERFORMING ARTS

Dean: Prof. K.A. GUNASEKARAN  
Department of Performing Arts

Sri Sankaradass Swamigal School of Performing Arts started functioning from 1988-1989. It was renamed as School of Performing Arts from the academic year 2007-08. Ever since its inception, the School of Performing Arts has dedicated itself to excellence in instruction and expansion in its

activities by training students for taking up unique career growth in the field of Theatre, Social Work, Education, T.V and Film. All along, the goal of the School has been to further enhance its reputation by imparting knowledge in all walks of life to the students and make them creative in their endeavor

in the field of Performing Arts. The school itself comprises the Department, namely Department of Performing Arts. The School also offers M.P.A. Drama & Theatre Arts and Ph.D., in Drama and Theatre Arts and PGDTA – Post Graduate Diploma in Theatre Arts (Add on Evening Course).



# DEPARTMENT OF PERFORMING ARTS

School of Performing Arts

Department of Performing Arts has been started functioning from the academic year 1988-1989 and it offers M.P.A., Drama & Theatre Arts and Ph.D., in Drama and Theatre Arts and PGDTA – Post Graduate Diploma in Theatre Arts (Add on Evening Course) Programmes.

## ● PROGRAMMES OF STUDY

**M.P.A.** Drama and Theatre Arts

**Ph.D.** Drama and Theatre Arts

Full- Time& Part-Time (Internal & External)

**PG Diploma** Theatre Arts(Add on)

## ● ENTRANCE EXAMINATION

### **M.P.A. Drama and Theatre Arts:**

For the M.P.A programme, the candidate must be a graduate in any subject with marks prescribed by the Pondicherry University. The entrance examination is in the format of answering 100 Multiple Choice Questions in Undergraduate level. (Refer to M.P.A. Drama & Theatre Arts Model Question Bank in Pondicherry University website)

### **Ph.D. Drama and Theatre Arts:**

The candidate posses a Masters Degree in or related to Drama and Theatre Arts/ Folk Arts / Visual Arts/ Dance/ Dance Drama/Media Arts (Journalism & Mass Communication, Film Technology)/ Dramatic Literature/ Ancient Tamil Arts/Information Science with marks prescribed by Pondicherry University. The entrance examination is in the format of answering 100 Multiple Choice Questions from the Drama and Theatre Arts / Performance studies/ Media Arts and related subject in Post - Graduate level. [M.A. (Drama and Theatre Arts) (Refer to Ph.D. Drama & Theatre Arts Model Question Bank in our Pondicherry University website)]. Whatever the Candidate got the Marks/ Rank in the Entrance Examination, the Candidate must appear before the Admission Committee for Interview, the Ph.D., Admission Committee is only to decide the Candidate's Eligibility for giving admission to Ph.D., in Drama and Theatre Arts based on the Experience in Drama and Theatre Arts/ Media Arts and Research Skills and Aptitude towards Drama & Theatre. And the candidate should efficiency in the Regional Language (Tamil) and English only for doing Ph.D., in Drama and Theatre Arts. If the Admission Committee will feel that no candidates are satisfied from the rank list, the Candidates may be call for the Interview from the overall merit list.

## FACILITIES AVAILABLE AT THE SCHOOL

The Department of Performing Arts has created infrastructure in terms of providing Departmental Library exclusively meant for books on Performing and Fine Arts, Computer with Internet facilities. In addition, the Department of Performing Arts has its own Three Studio- Theatres. Sri Sankaradass Swamigal Lab is designed for the Stage Rehearsals and Performance, fully equipped with Audio-Video systems,

Pammal Sambandha Mudaliar Lab for Technical Design classes and Multimedia Productions and T.K.S Brothers Lab for Movement, Voice and Scenic Design classes and Seminar Purpose. Apart from these there is an Open-Air Theatre and a Roof top theatre for multiple purpose usages. There are separate facilities available for Film Screenings and Film Appreciation courses, conducting Theatre-Workshops, organising Seminars and Special Lectures by eminent scholars from various fields as part of the programs of Performing Arts.

## CAREER PROSPECTS

Upon the completion of the course, the student can work in the avenues like Schools and Colleges as the Drama Teachers and Cultural Co ordiantors / Trainers. They can get the job opportunities in the Government Departments like Song and Drama Division, South Zone Cultural Centre, AIDS Project Cell, Social Awareness Projects, N.G.O's, and Departments of National and International universities and Colleges, Theatre Reportaries and also in the field of Acing, Direction and Technical Designer in the Government and Private Satellite T.V. Channels and Film Media and their Production Companies. The students can also pursue his research or practice independently in the field of Performance and related subjects. Throughout the years, the School has established a national reputation as a center where young people successfully attain talents and skills for careers in theatre and theatre related Arts, live and documented productions, advertisement and motion picture in relation to the requirements of the cultural Institutions/Organisations.

## THRUST AREAS OF THE DEPARTMENT

- Methodologies in Acting, Direction and Technical Designs
- Contemporary movements in performance and its relevance
- Performance as the medium for developing the culture in society
- Importance of Theatre in Education and community development
- The significance of new methodologies in performance practices
- Providing probabilities to do cross cultural performance and Media practices
- History of Tamil Theatre studies through Ancient Tamil Literature, Inscription and Sculpture
- Discovery of theatrical aspects as depicted in Sangam Literature
- Configuration of Modern Theatre Arts from Traditional Arts

## AIMS & OBJECTIVES

The School /Dept. aims at developing the best practice and research under the 'Performance Tradition' of the world; the School provides training in the fundamental principles of understanding the performance traditions internationally with different modes of presentations, various techniques, styles and systems employed in the form of creative communications as part of the syllabus.

It also intends to provide more insights on Cultural Heritage of India, by guiding and grading to make the students to realize that they are the inheritors of the glorious past cultural history of India. Since the Art of Theatre is a product of Scientific and Artistic creation, the courses are structured in such a way so as to impart the students a clear Interdisciplinary approach, encompassing all aspects of human life and also to explore all the possibilities of performance and translate the same through the Stage and other medium.

It also provides a platform to the students to more about the glorious history of the Performing Arts and other related disciplines in order to enhance the creative skills like Acting, Direction, Theatre Techniques and Design, Applied Theatre, Community Theatre and inter-disciplinary productions.

## FACULTY

### Professors

#### **K. A. Gunasekaran, Ph.D.,**

(Madurai Kamaraj University, Madurai)

*Specialization:* Folk Theatre, (Folk Arts, Literature), Music in Theatre, Modern Play Writing, Play Design & Direction, Asian Tamil Art and Literature, Dalit Theatre, Musical Theatre, Sangam Literature, Classical Theatre.

#### **R. Raju, Ph.D.,**

(Tamil University, Tanjore)

*Specialization:* Stage Craft, Film Acting, Theatre Architecture, Direction and Yoga.

### Associate Professor

#### **V. Arumugham, Ph.D.**

(Pondicherry University, Puducherry)

*Specialization:* Modern Choreography, Direction, Props and Vertical Theatre, Eunuch Theatre, Acting, Theru-K-Koothu, Play Writing and Script Writing.

### Assistant Professors

#### **K. R. Rajaravivarma, Ph.D.**

(University of Madras, Chennai)

*Specialization:* Acting, Actor Training, Movement and Choreography, Theatre Therapy and Theatrical Martial Arts.

#### **Prabhath Bhaskaran, Ph.D.**

(University of Hyderabad, Hyderabad)

*Specialization:* Actor Training and Theatre Making, Cross Cultural Theatre, Asian Traditional Theatre and Aesthetic of Modern Performance.

#### **Saravanan Velu, Ph.D.** (Tamil University, Tanjore)

*Specialization:* Children Theatre, Theatre and Education, Play Writing and Creative Writing Exclusively for Children.

#### **M. Subbiah, Ph.D.**

(M.S. University, Tirunelveli)

*Specialization:* Acting, Folkloristics, Indigenous Arts, Theatre for Social Change, Film and Television Media, Development Communication, Writing for Media, IEC/ BCC / IPC, Media Management, Public Relations Management & Event Management, Dramatic Literature, Tamil Arts.

### Instructors

#### **L. V. Nagabhushana Rao, Ph.D.**

(University of Hyderabad, Hyderabad)

*Specialization:* Set Design, Stage Craft, Mask Making, Property Design, Stage Management and Community Theatre.

## SCHOOL OF SOCIAL SCIENCES AND INTERNATIONAL STUDIES

Dean: Prof. N. K. JHA

Department of Anthropology

Department of Sociology

Department of Social Work

Department of History

Department of Politics and International Studies

Centre for European Studies

UNESCO Madanjeet Singh Institute of South Asia Regional Cooperation (UMISARC) & Centre for South Asian Studies

UGC Centre for Southern Asia Studies

Centre for Womens' Studies

Centre for Study of Social Exclusion and Inclusive Policy

The programmes offered are highly innovative and challenging. With students drawn from different parts of India, as also abroad the school provides an excellent academic curriculum that has enabled the alumni to get positions in the emerging labour markets of emerging countries, including the US and Europe.



# DEPARTMENT OF ANTHROPOLOGY

School of Social Sciences and International Studies

The Department of Anthropology provides facilities for intensive training and research in the areas of Social Cultural Anthropology, Medical Anthropology and Visual Anthropology. The Department aims to train candidates who are oriented towards advanced research and training related to scheduled castes, scheduled tribes and rural studies and urban populations.

## PROGRAMMES OF STUDY

**M.A. Anthropology**

**Ph.D. Anthropology**

The programmes offered are highly innovative and challenging. With students drawn from different parts of India, the Department provides an excellent academic curriculum that has enabled the students to get positions in the emerging employment market.

## ENTRANCE EXAMINATION

**M.A.:** The entrance examinations will consist of 100 Multiple Choice Questions relating to the general understanding of Indian society and culture.

**Ph.D.:** The entrance examinations for admission to Ph.D. programme will be at the level of M.A in the following areas: Social Anthropology, Cultural Anthropology, Physical Anthropology, Pre-Historic Anthropology, Economic Anthropology, Medical Anthropology, Nutrition and Health, Women's Studies, Political Anthropology Visual Anthropology Tribal Folklore and Social Change. The entrance examination will consist of 100 Multiple Choice Questions.

## SPECIAL GRANTS

Major research projects were received from University Grants Commission, Indian Council of Medical Research, and Ministry of Social Justice Empowerment etc.

## INFRASTRUCTURE FACILITIES

The Department has good computer facilities with free internet access for the students and scholars. There are separate laboratories for Cultural Anthropology and Physical Anthropology.

## EMPLOYMENT ORIENTATION

Students of the Departments find placement in Anthropological Survey of India, Social and Tribal Welfare departments and Non-Governmental Organizations (NGO).

## FACULTY

### Professors

**T. Subramanyam Naidu, PhD.** (Mysore University, Mysore)

*Specialization:* Cultural Anthropology, Tribal Studies, Nutrition and Health studies, Endangered Human Populations, Forecasting and Assessment studies.

**A. Chellaperumal, Ph.D.** (Madras University, Chennai)

*Specialization:* Social-cultural Anthropology, Anthropology of Religion, Tribal Folklore, Ethnopoetics.

### Assistant Professors

**Jesurathnam Devarapalli, Ph.D.**

(Andhra University, Andhra Pradesh)

*Specialization:* Social-cultural Anthropology, Ecological Anthropology.

**Valerie Dkhar, Ph.D.** (NEHU, Shillong)

*Specialization:* Cultural Anthropology, Ecological Anthropology, and Tribal Development.

**Ajeet Jaiswal, Ph.D.,** (Delhi University, Delhi)

*Specialization:* Physical/ Biological Anthropology, Archeology, Demography, forensic Anthropology and Nutritional Anthropology.

**Rajesh Gururaj Kundargi, Ph.D.**

(Karnatak University, Dharward)

*Specialization:* Social-Cultural Anthropology, Medical Anthropology, Cognitive Anthropology, Reproductive Health and Research Methods.

## DEPARTMENT OF SOCIOLOGY

School of Social Sciences and International Studies

The Department of Sociology was established in January 1993. The students were admitted to M.A and Ph.D programmes from 1993-94 academic year and the M.Phil programme was introduced from 1996-97. The Post-Graduate Diploma in Rural Development was launched from 2009-2010. In the span of over one and half decades, the Department has trained a fairly large number of talented Post-graduate students drawn from different parts of the country. From its inception the Department has focused on understanding the complexities of modern social life through the application of advanced sociological theories and methods within an interdisciplinary framework building upon the traditions of the discipline. The students are encouraged to acquire critical reading and data analysis skills through rigorous training. The research areas undertaken by students and faculty members cover wide range of issues of public concern like the effects of economic development on society and culture, problems of weaker sections, gender and society, disaster management, environmental issues, social movements, etc.

The Department equips students for a variety of careers including but not limited to: academics, civil services, activism and advocacy. The alumni are employed in reputed governmental as well as corporate organizations in India and abroad.

### ● PROGRAMMES OF STUDY

M.A. Sociology  
M.A. Sociology (Five Year Integrated Course)  
Ph.D. Sociology  
P.G. Diploma in Rural Development

### ● ENTRANCE EXAMINATION

**M.A.:** The entrance examination for M.A. will consist of 100 Multiple Choice Questions covering the following six units - Undergraduate Sociology, General Knowledge, Reasoning Ability, Quantitative Aptitude, English Vocabulary and Comprehension.

**M.A. (Five Year Integrated Course)** The selection is based on an Entrance Test of two hours duration at +2 level. The question paper consist of 100 Multiple Choice Questions in the areas of General Knowledge, General English and Social Sciences.

**Ph.D.:** The entrance examination for Ph.D. will consist of 100 Multiple Choice Questions on general sociology, sociological theories, Indian society and research methodology at the P.G. level.

### FACILITIES

- Computer Laboratory with internet facilities.
- Rich collection of books, journals and reports in the Library.
- Class room with modern instructional equipment.

### FACULTY

#### Professor

**Bibhuti Bhusan Mohanty, Ph.D.**

(Sambalpur University, Sambalpur)

*Specialization:* Agrarian Change, Economic Sociology and Sociology of Development.

#### Associate Professors

**G. Ramathirtham, Ph.D.** (University of Poona, Pune)

*Specialization:* Sociological Theories, Rural and Urban Sociology, Industrial Sociology, Sociology of Banking.

**K. Gulam Dasthagir, Ph.D.** (University of Madras, Chennai)

*Specialization:* Development Sociology, Gender and Development, Sociology of Irrigation

**Sudha Sitharaman, Ph.D.** (ISEC, Bangalore)

*Specialization:* Sociology of Religion and Sociology of Social Movements.

#### Assistant Professors

**C. Aruna, Ph.D.**, (Bharathiar University, Coimbatore)

*Specialization:* Gender Studies, Social Network and Migration Studies.

**Pradeep Kumar Parida, Ph.D.**

(Utkal University, Bhubaneswar)

*Specialization:* Sociology of Development, Sociology of Disaster and Sociology of Education.

**Mansy .M, Ph.D.** (University of Kerala, Thiruvanthapuram)

*Specialization:* Migration Studies, Public Health and Development Sociology.

**Imtirenla Longkumer, Ph.D.**

(Jawaharlal Nehru University, New Delhi)

*Specialization:* Gender Studies, Material Culture Studies and Sociology of Religion.

## DEPARTMENT OF SOCIAL WORK

School of Social Sciences and International Studies

Established in October 2007, the Department's vision is to become a leading institution for innovative, interdisciplinary approaches in educating social work practitioners and scholars, conducting research, and serving as a catalyst for positive social transformation.

### PROGRAMMES OF STUDY

**Master of Social Work (MSW)**

**Ph.D. (Social Work)**

Full- Time& Part-Time (Internal & External)

**P.G. Diploma in Industrial Relations and Labour Laws**  
(Add-On)

### ENTRANCE EXAMINATION

Admission to the MSW will be based on an All India entrance examination conducted by the University. The question paper for MSW programme shall consist of 100 Multiple Choice Questions in the areas of Social Work – undergraduate level (20 questions), general knowledge (20 questions), reasoning ability (15 questions), high school arithmetic (15 questions), English language vocabulary (20 questions) and English language comprehension (10 questions). The question paper for Ph.D. programme shall also consist of 100 Multiple Choice Questions drawn from various fields of social work.

### THRUST AREAS OF RESEARCH AND TEACHING

Community Development, Mental Health, Families and Children, Disaster Management, Elderly Care, Gender Studies, Human Resource Management, CSR, Occupational Social Work and Disability Social Work.

### ACADEMIC PERSPECTIVE

The MSW programme offers specializations in Community Development, Human Resource Management and Medical & Psychiatric Social Work. Apart from classroom teaching, the MSW students shall undergo concurrent and block fieldwork in various government and nongovernment organizations, industries and hospitals. This practical training enables the students to acquire professional social work skills, values and ethics.

### MANDATORY FIELD ORIENTATION

■ The I MSW students will be oriented to the social work profession soon after their admission. Duration of the programme shall be ten days. Attendance in the orientation programme is compulsory.

■ The MSW programme includes concurrent and block fieldwork, rural camp, study tour, extension work as part of the curriculum which is compulsory for all the students. The students have to bear the expenses of the above mentioned field activities.

### PLACEMENT

Social Work graduates have wide scope in various sectors – Development, Government, Public Sector, Health, Corporate, and National and International funding agencies. Our students are employed in leading organizations such as BHEL, TCS, Ford, Prime Ministers Rural Development Fellowship Scheme, HCL, ICDS, JIPMER, Bengaluru International Airport – to name a few.

### FACULTY

#### Associate Professors

**A. Shahin Sultana, Ph.D.** (University of Madras, Chennai)  
*Specialization:* Social Work with Families and Children, Early Childhood Care and Development, Social Case Work and Counselling, School Social Work, Social Work Research, Women and Youth Welfare.

**R. Nalini, Ph.D.** (University of Delhi, New Delhi)  
*Specialization:* Social Work and the Work Place, Gender and Work, CSR, Social Work Research, Women and Disability, Social Work in Educational Setting.

#### Assistant Professors

**K. Anbu, Ph.D.** (Bharathiar University, Coimbatore)  
*Specialization:* Social Work and the Work Place, Human Resource Management, Industrial Relations, Community Social Work, Social Work Research.

**C. Satheesh Kumar, Ph.D.** (University of Madras, Chennai)  
*Specialization:* Community Development, Human Dimensions in Coastal Zone Management, Children and Environment

**P. B. Shankar Narayan, M.Phil.**

(Madurai Kamaraj University, Madurai)  
*Specialization:* Personnel Management, Industrial Relations, Labour Welfare, Social Work in the field of HIV/AIDS, sexuality and LGBT.

**Iftekhhar Alam, MSW** (Aligarh Muslim University, Aligarh)  
*Specialization:* Community Development and Human Resource Management, Social Work with Elderly.



## DEPARTMENT OF HISTORY

School of Social Sciences and International Studies

The Department of History was established in December 1987 with following main objectives:

- To provide facilities for study and research in social, economic and cultural history of India
- To highlight the intellectual tradition and cultural heritage of India
- To explore the history of countries other than India
- To undertake the study of historiography and the philosophy of history
- To provide knowledge of the theory and practice of historical writing

### ● PROGRAMMES OF STUDY

M.A. History  
M.A. History (5 Year Integrated)  
Ph.D. History

### ● ENTRANCE EXAMINATION

#### M.A. History (2 years):

The selection is based on an Entrance Test of 2 hours duration at the graduate level. The question paper consists of 100 Multiple Choice Questions, testing the students' comprehensive understanding of the ancient, medieval and modern periods of Indian History.

#### M.A. History (5 year Integrated):

The selection is based on an Entrance Test of two hours duration at +2 level. The question paper consist of 100 Multiple Choice Questions in the areas of General Knowledge, General English and Social Sciences.

#### Ph.D. History (Full-Time):

The selection is based on an Entrance Test of 2 hours duration at the post-graduate level. The question paper consists of 100 Multiple Choice Questions, testing the students' ability for historical analysis and critical study and in-depth understanding of Historiography, History of India and Indian Archaeology.

### INFRASTRUCTURE FACILITIES

The Department is equipped with Smart Class Room facility for ICT integrated teaching. It has all the sophisticated equipment such as LCD projectors, public address systems, etc., for effective teaching. Besides the chalk and talk method, the teaching is done thorough Power Point presentations. Students are encouraged to develop their skills of communication through group discussions and individual seminars. State of the art survey and excavation equipment are used in archaeological, archival and historical data collection, analysis and report writing. The centralised facility of a well equipped computer laboratory in the University is an additional infrastructural facility available for the students of the Department.

### INVITED LECTURES AND FIELD TRIPS

The Department conducts national seminars and invites distinguished scholars for giving lectures throughout the academic year with a view to disseminate advanced knowledge

in chosen fields of history. Field trips to nearby places of importance are undertaken every year. The students of the department are getting placements as teachers in the history departments of the colleges and Universities in different parts of India and as technicians in Governmental agencies like the Archaeological Survey of India and the State Departments of Archaeology and Museums.

### SAP DRS II

The Department is inducted under UGC Special Assistance Programme and has moved to Phase II. The thrust area for DRS II is " India and the India Ocean with Special reference to Coromandel and Malabar Coasts(Early Historic Period to Colonial Times)"

### FACULTY

#### Professors

##### Venkata Raghatham, Ph.D.

(University of Hawaii, Honolulu)

*Specialization:* Medieval History, Historiography, Medieval History of South India.

##### K. Rajan, Ph.D. (Mysore University, Mysore)

*Specialization:* Archaeology of South India, Field Archaeology, Early historic Archaeology and Indian Epigraphy.

##### G. Chandhrika, Ph.D.

(Annamalai University, Annamalai Nagar)

*Specialization:* Modern History, Intellectual History of Modern India, Historiography and Women's History.

#### Associate Professors

##### K. Venugopal Reddy, Ph.D.

(Jawaharlal Nehru University, New Delhi)

*Specialization:* Modern History, Economic History of India, Nationalist Movement in India and Labour History.

##### N. Chandramouli, Ph.D. (Telugu University, Hyderabad)

*Specialization:* Ancient Indian History, Field Archaeology, Archaeology of South India, Rock Art of India, Indian Numismatics and Indian Epigraphy.

#### Assistant Professors

##### Paokholal Haokip, Ph.D.

(Jawaharlal Nehru University, New Delhi)

*Specialization:* Modern History, Overseas Slave Trade, Diaspora Studies, Colonial History of North East India and North West Burma and Genocide Studies.

# DEPARTMENT OF POLITICS AND INTERNATIONAL STUDIES

School of Social Sciences and International Studies

The salient features of the Department include:

- Exchange programmes with prestigious foreign and Indian universities.
- Interactions with distinguished Indian and foreign scholars through seminars, conferences, workshops and refresher courses.
- Promoting teaching and research in the areas of International Relations and Area Studies in general and South and
- Policy input to the makers of India's foreign and security policies as well as the theoretical understanding of International Relations.
- Publication of Scholarly Journals on International Studies & South Asian Studies.
- Publication of Scholarly Books on the Thrust Areas of teaching and research programmes in the Department.

## PROGRAMMES OF STUDY

M.A. Politics & International Relations  
 M.A. Political Science (Five Year Integrated)  
 Ph.D. Politics & International Studies (Full-time & Part-time (Internal & External))  
 P.G. Diploma in Human Rights

## ENTRANCE EXAMINATION

For M.A. in Politics and International Relations, the question paper will consist of 100 Multiple Choice Questions in the areas of contemporary International Relations, Indian History, Politics, and Foreign & Security Policy of India, General Knowledge and General English.

For M.A. in Political Science (Five Year Integrated). The selection is based on an Entrance Test of two hours duration at +2 level. The question paper consist of 100 Multiple Choice Questions in the areas of General Knowledge, General English and Social Sciences.

For Ph.D. programme, the question paper will consist of 100 Multiple Choice Questions in the areas of International Relations, Indian Political System including Indian Constitution, Indian Foreign Policy, Indian Politics, Indian Economy, Current Affairs of National and International Importance, Research Methodology and General English.

## THE THRUST AREAS OF TEACHING AND RESEARCH

Specific focus on India's Foreign and Security Policy, Indian political system, Political Theory, Political Economy of Development, Public Administration, South Asian Regional cooperation international finance and Peace and Conflict Resolution.

## INFRASTRUCTURE FACILITIES

The Department has good infra-structural facilities including interactive class rooms, Smart class rooms and other teaching aids to assist teachers and students in their pursuit of academic excellence.

## FACULTY

### Professors

#### P. Moorthy, Ph.D.

(Jawaharlal Nehru University, New Delhi)  
*Specialization:* Peace, Disarmament, Science and Technology, Nation Building and Human Resources Management.

#### N.K. Jha Ph.D. (Jawaharlal Nehru University, New Delhi)

*Specialization:* India's Foreign Policy and Politics, South Asia in International Politics, Theories of International Relations.

#### Mohanam Bhaskaran Pillai, Ph.D. (Currently Centre Head, Community College, Mahe Campus)

(University of Kerala, Trivandrum)  
*Specialization:* India's Foreign Policy, South Asian Studies, Political Theory, Development Studies.

#### B. Krishnamurthy, Ph.D.

(M.S. University of Baroda, Baroda)  
*Specialization:* European Studies, Indo – French Relations, and Human Rights.

#### P. Lazarus Samraj, Ph.D.

(Annamalai University, Chidambaram)  
*Specialization:* Indo-U.S. Relations, Terrorism, Indian Politics.

### Assistant Professors

#### G. Rose, M. Phil.

(Jawaharlal Nehru University, New Delhi)  
*Specialization:* International Organisation, Theories of International Relations.

#### N. K. Kumaresan Raja, Ph. D.

(University of Madras)  
*Specialization:* Political Theory, Land Administration, Public Policy and Governance, Public Administration, Bureaucracy, Land Tenure Systems and Agrarian Studies.

#### Pramod Kumar Ph. D.

(Jawaharlal Nehru University)  
*Specialization:* Central Asian and Russian Studies, Energy Security and sustainable development.

# CENTRE FOR EUROPEAN STUDIES

School of Social Sciences and International Studies

## THRUST AREAS OF TEACHING AND RESEARCH

Major area of teaching and research of the Centre will be European Union (EU) in general, with special reference to major countries like France, Germany and the United Kingdom. Within that framework, the following themes will be concentrated:

- European Foreign and Security Policy
- Interregional and Regional Cooperation – Europe and Asia (with special reference to India and China)
- European Economy and Business
- Environment and Development
- Conflict Transformation Studies

### ● PROGRAMMES OF STUDY

Ph.D. European Studies

### ● ENTRANCE EXAMINATION

For **Ph.D. Programme**, the question paper will consist of 100 Multiple Choice Questions in the areas of International Relations, European History, European Foreign Policy, European Politics, European Economy, Current Affairs of National and International Importance, Research Methodology and General English.

## OBJECTIVE OF THE CENTRE

- To promote holistic understanding of Europe with its cultural, social and economic moorings and strategic specificities.
- To create a hub of activities on European Studies

- To pursue theory and policy oriented studies and research.
- To establish a Documentation Centre

## VISION OF THE CENTRE

- To blossom into a Centre of Excellence for European Studies in India
- To provide platform for interdisciplinary teaching and research
- To develop network with Centres for European Studies in India and in Europe
- To enhance the visibility of the EU in India

## INFRASTRUCTURE FACILITIES

The Centre has good infrastructure facilities including LCD and other teaching aids to assist teachers and students in their pursuit of academic excellence.

## DOCUMENTATION CENTRE

The Documentation Centre is inaugurated in the premise of the Centre on March 3, 2014, on the occasion of the international Conference organised by the Centre. It houses books and documents on several aspects of European Studies and on India-European Union Relations for the use of students, scholars and faculties.

## FACULTY

**Dr. B. Krishnamurthy**  
Professor & Head



# UNESCO MADANJEET SINGH INSTITUTE OF SOUTH ASIA REGIONAL COOPERATION (UMISARC) & CENTRE FOR SOUTH ASIAN STUDIES

School of Social Sciences and International Studies

The University launched Post Graduate Programme (M.A) in South Asian Studies in the Centre for South Asian Studies for the first time in the country during the Academic year 2008-2009 under the XI plan. Since 2008, the South Asia Foundation (SAF) has been supporting the Centre with 16 Madanjeet Singh Group (MSG) Scholarships to students (two- one male, one female from each SAARC country) to pursue this course. The teaching and research in South Asian Studies at Pondicherry University received major fillip with the signing of MoU between Pondicherry University and the SAF on June 20, 2009 for the establishment of the Madanjeet Singh Institute of South Asia Regional Cooperation (MISARC). In the year 2010, the UN Educational Scientific and Cultural Organization (UNESCO) agreed to associate with all the institutions of excellence established by SAF including MISARC of Pondicherry University. Hence, it has been now renamed as UMISARC (U stands for UNESCO). The Institute has thus become truly global.

The Prime Minister of India, Dr. Manmohan Singh, inaugurated and dedicated the Institute on 29 June 2012 for promotion of peace and co-operation among the SAARC countries. The course curriculum of Post Graduate Programme in South Asian Studies has been designed to provide cutting edge knowledge of South Asian history, society, culture, economy, governance, politics etc., from an interdisciplinary perspective. Students are expected not only to develop broad knowledge base to critically understand contentious issues concerning South Asia, but also offer a holistic perspective to address them and contribute towards promoting peace and cooperation in the region. The Institute offers a broad research platform for refining academic debates with regular guest lectures by eminent scholars, bureaucrats and Policy makers, etc., besides various academic activities. The Institute offers Ph.D. Programme from the academic year 2010-11.

## PROGRAMMES OF STUDY

M. A. South Asian Studies  
Ph.D. South Asian Studies

## ENTRANCE EXAMINATION

For M.A in South Asian Studies, the question paper will have objective type questions with multiple choices in the areas of contemporary South Asian society, culture, politics, economy and foreign policy. For Ph.D programme, the question paper will consist of 100 Multiple Choice Questions in the areas of contemporary international and South Asian affairs, political systems, economy, history and foreign policy of South Asian countries and research methodology.

- Merit - cum - Means scholarships for eligible students.
- Subject to availability of funds, offering a number of visiting research fellowships to Ph.D.
- Collaboration and exchange programmes with prestigious foreign and Indian Universities.
- Interactions with distinguished Indian and foreign scholars through seminars, conferences, workshops, and lecture series.
- A leading library specializing in South Asian Studies as well as cultural subjects of arts and literature.
- Creating a hub for research on regional cooperation in South Asia through networking with other center of South Asian Studies in the country and overseas.
- Promoting international cultural convergence of talented writers, musicians, dancers and other art practitioners.
- Policy inputs to the policy makers of South Asian countries in general and India in particular for promoting peace, regional cooperation and development.

## THE THRUST AREAS OF TEACHING AND RESEARCH

Political Ideas, International Relations Theory, Contemporary International Relations, Government and Politics in South Asia, Foreign Policy of South Asian Countries, South Asian Regional Cooperation, Peace, Stability and Security in South Asia, South Asia in World Affairs as well as Economic Development, Society, Culture and History of South Asia.

## THE SALIENT FEATURE AND OBJECTIVES OF THE INSTITUTE INCLUDE

- Offering of at least 16 fully paid MSG scholarships, including travel, boarding, lodging and tuition fees, to South Asian students including Indian students based on gender equity.

## INFRASTRUCTURE FACILITIES

The Institute has good infra-structure facilities including computer lab (28 Systems) with internet connections, LCD projectors etc., to support teachers and students in their pursuit of academic excellence. The Institute is housed in a centrally air-conditioned grand UMISARC building with fully furnished and well equipped class rooms, auditorium and seminar hall with state - of - the art audio-visual facilities. The Institute has developed a separate library for teachers, researchers and students, who can access facilities available at this library along with the Central Library.

## FACULTY

### Coordinator

**Prof. V. Shivkumar.**

Specialization: International Relations.

### Associate Professor

**A. Subramanyam Raju, Ph.D.** (University of Hyderabad)

*Specialization:* South Asian Politics and Security Issues, Comprehensive Security, Maritime and Energy Security Issues, India-US and India-Sri Lanka Relations.

## Assistant Professors

**Santhosh Mathew, Ph.D.,**

(Mahathma Gandhi University, Kottayam)

*Specialization:* International Organizations, Political Economy, Comparative Politics, Foreign Policy.

**S. I. Humayun, Ph.D.** (University of Madras)

*Specialization:* Non-Traditional Security Issues in South Asia, Maritime Security Affairs.

**D. Purushothaman, Ph.D.** (Pondicherry University)

*Specialization:* Indo-US Relations, Security Issues in South Asia.

## UGC CENTRE FOR SOUTHERN ASIA STUDIES

School of Social Sciences and International Studies

Sanctioned under the Area Studies Programme of the University Grants Commission in June 2005, this centre focuses on academic activities and research related to Southern Asia including South Asia, parts of West Asia, East Asia and South East Asia that is the region between the Gulf of Hormuz and Strait of Malacca. In formulating and coordinating its programmes, the centre is guided by an inter-disciplinary Advisory Committee, chaired by the Vice Chancellor of the University.

### OBJECTIVES

- To promote a comprehensive understanding of social, cultural, economic, political and strategic dimensions of the study area.
- To offer vitally important inputs to the policy planners to formulate policies advancing India's economic, strategic and political interests; and
- to promote research with emphasis on comparative study of the issues and problems between the regions.

### ACTIVITIES

In order to achieve its cherished objectives, this Programme intends to carry out following activities:

- Offering financial assistance for field trips, subject to availability of fund, to Ph.D students of the center.
- Conducting study and research on different aspects of Southern Asia through a multi-disciplinary approach.
- Setting up of library and documentation centre.
- Publishing of books, monographs, occasional papers, and journals.
- Net-working with other centres in India and abroad, which are working in this area.
- Organizing seminars, conferences, workshops, lecture series for benefit of faculty, researchers, and students as also for providing policy inputs to decision makers.
- Organizing workshops for businessmen and industrialists and officials to ponder over ways for promoting intra-regional trade and cultural exchanges.
- Collaborating with the concerned ministries of the Government of India such as External Affairs, Defence, Culture, Commerce, Environment, etc.

### ● PROGRAMMES OF STUDY

**Ph.D.** Southern Asia Studies

### ● ENTRANCE EXAMINATION

The question paper will consists of 100 Multiple Choice Questions in the areas of contemporary International affairs, research methodology and political theory, economy, history and foreign policy of India and a few important countries of Southern Asia region.

### INFRASTRUCTURE

UGC Centre for Southern Asia Studies is currently located at the second floor of the School of Social Sciences and international Studies building. It has necessary infrastructure for carrying out research activities. A separate section has been allocated for Southern Asia in the Central as well as School libraries for researchers working in this field.

## FACULTY

### Professor & Head

**Nalini Kant Jha, M. Phil, Ph. D**

(Jawaharlal Nehru University, New Delhi)

*Specialization:* International Relations Theory, Southern Asian Studies, Indian Politics and Foreign Policy.

### Project Fellow

**Mr. Rishi Gupta, M.Phil.,**

(University of Calcutta)

*Specialization:* Nepal, Southern Asia Studies

# CENTRE FOR WOMEN'S STUDIES

School of Social Sciences and International Studies

Established in July 1999, the Centre offers Ph.D. in Women's Studies. The overall approach to Women's Studies in this Centre is multidisciplinary. The prime aim of the Centre is the creation of a critical awareness and sensitivity towards women's issues in every field. Both male and female students are admitted. A holistic approach to gender studies is envisaged. It encourages women's academic development and empowerment, the major objective being women's empowerment, the marking out and the definition of a female space.

## PROGRAMMES OF STUDY

**Ph. D. Women's Studies (Full-time & Part-time (Internal & External))**

## ENTRANCE EXAMINATION

The admission will be based on performance at the entrance examination. The entrance examination for admission to the Ph.D Programme will consist of 100 Multiple choice Questions. It will be of the post graduate level. The candidate will be required to have a good understanding of the Women's Studies perspective and women's issues in general. A general familiarity with feminist theory and feminist research methodology is expected.

## THE THRUST AREAS RESEARCH

- Women's Empowerment
- Gender Mainstreaming
- Feminist theories and their application
- Women-centric initiatives
- Socio-Cultural factors relating to marginalization of women
- Legal rights of /for women
- Restructuring women's roles in history
- Gender stereotyping
- Representation of women in the media
- Violence against women
- Indian Women's Issues
- Women and Work
- Women and nature, Eco-feminist perspectives

## INFRASTRUCTURE FACILITIES

Computers, Overhead projector, Colour television, VCR, Slide projector, Audio system, LCD projector.

## FACULTY

### Associate Professor

**R. Nalini., Ph.D.** (Dept. of Social Work, University of Delhi)  
*Specialization:* Gender and Work, Gender and Masculinities, Gender and Social Work, Women and Disability.

**Usha V. T., Ph.D.** (University of Kerala, Trivandrum)

*Specialization:* Feminist theories, Women's discourse, Indian women's writing and Representation of women in the media, Gender studies.

### Assistant Professor

**Ms Aashita**

*Specialization:* Feminist theory, Feminism in the Third world, Gender Studies

## CENTRE FOR STUDY OF SOCIAL EXCLUSION AND INCLUSIVE POLICY

School of Social Sciences and International Studies

From its inception in 2009, the Centre for Study of Social Exclusion and Inclusive Policy at Pondicherry University has been actively engaging in teaching, research and extension activities. Centres as itself, have been conceptualized and established by the UGC during the X Five year plan, to correct through teaching and research, the inequalities created through discrimination and deprivation promoted by hegemonic structures. The UGC X plan guidelines for the establishment of these centres recognizes that such hegemonic structures have been a 'pervasive feature of our society' promoting exclusion of large segments of population especially those in the margins. It is the goal of the Centre for Study of Social Exclusion and Inclusive Policy to contribute to the democratic process by checking the creation and propulsion of social exclusion through theory and policy contributions.

### ● PROGRAMMES OF STUDY

**Ph.D.** (in P.G. Discipline) with Social Exclusion and Inclusive Policy

### ● ENTRANCE EXAMINATION

For Ph.D. Programme: The entrance examination will consist of 100 Multiple Choice Questions on Research Methodology, Fundamentals of Anthropology and Sociology, and Sociological and Anthropological theories at the P.G. level.

**Infrastructure Facilities** The Centre has good computer facilities with free internet access for students and scholars.

### Assistant Professor

**Thanuja Mummidi, Ph.D.** (University of Madras, Chennai)

*Specialization:* Anthropology – Interface of Economic and Ecological Anthropology; Scheduled Tribes- Issues of rights and development policy.

### **A. Chidambaram, Ph.D.**

(Bharathiar University, Coimbatore)

*Specialization:* Social Work – Community Development; Disability & Education; Reproductive Child Health and tannery pollution.

## FACULTY

### Professor

**T. Subramanyam Naidu, Ph.D.**

(Mysore University, Mysore)

*Specialization:* Anthropology, Nutrition and Health Studies, Tribal Ethnography, Sustainable Development, Endangered Human Populations, Scheduled Caste and Scheduled Tribal Studies, Forecasting and Assessment Studies, Rural Development.

# SCHOOL OF EDUCATION

Dean: Prof. M. S. Lalithamma

The School of Education was established in 2007 with a nucleus of Department of Education initially offering Master course in Education. It has expanded its functioning after the appointment of the full fledged faculty in 2009. In addition to M.Ed. programme which is approved by the SRC, NCTE, Bengaluru, the School offers Ph.D. and other programmes.

With its competent faculty, the School offers various programmes. The Masters in Education provides opportunities for the capacity building of future teacher educators. The specialization areas include Educational Technology, Teacher Education, Economics of Education, Educational Planning and Administration, Value Education, Environmental Education and Guidance and Counselling. The Ph.D. programme is offered in areas of Education and allied disciplines promoting educational research from interdisciplinary perspective. The faculty members have wide teaching and research experience, published many research papers and books. They have also been referees in national and international journals and are members in the National and Regional Committees. . The School of Education received Award by NCERT for its innovative project in the All India Competition on Innovative Practices and Experiments in Education for Schools and Teacher Education Institutions held in 2012-13

## PROGRAMMES OF STUDY

**M.Ed.** Master of Education (Two years)

**Ph.D.** Education

(Full time and Part-time Internal and External)

**P.G. Diploma** in Teaching Skills (Add-on)

## ENTRANCE EXAMINATION

For **M.Ed.** programme, candidates are selected on the basis of merit through All India Entrance Examination. The Question paper will consist of objective type questions based on syllabus generally offered for undergraduate course in Education (B.Ed.).

For **Ph.D.** programme, the question paper will consist of objective type questions on core foundations papers in Education and Research Methodology and Statistics generally offered in any M.Ed. programme.

**P.G. Diploma in Teaching Skills** is an Add-on course offered in the evening for two semesters for any graduate to develop competencies in teaching among working teachers, research scholars and students of higher education.

## INFRASTRUCTURE FACILITIES

School of Education has a modest Multi-Media Laboratory equipped with latest gadgets, internet and LAN connectivity, Educational software, data analysis software. Classrooms are equipped with DLP Projector, home theatre, Visualiser & interactive white board which are used by both students and teachers during curriculum transaction. The School has a psychology laboratory having more than 400 psychological tests and materials available for teaching, research and extension activities of different courses and programmes. There are more than 4000 books related to Education and allied disciplines with 2600 titles available in the central library. More than 10 Journals – National and International in addition to e-journals are available including ERIC full text.

## RESEARCH & EXTENSION ACTIVITIES

Faculty members are working have worked on projects funded from UGC, DST, ICSSR, NCERT, SSA and other national institutes. Most of them are recognised supervisors for guiding Ph.D. candidates. At present there are many Ph.D Research scholars out of which some of them are presently Full time and the rest are part time (Internal/External). Some of them are already awarded Ph.D. in Education. Full time scholars are receiving various Research fellowships and scholarships which include UGC-JRF, Moulana Azad Fellowship, ICSSR Fellowship and University Scholarship

## SPECIAL ASSISTANCE PROGRAMME (SAP)

School of Education has obtained fresh induction under Special Assistance Programme (DRS-I) of UGC, New Delhi for five years from 2011.

## PLACEMENTS OF OUR ALUMNI

Every year good number of students clear NET Examination and become eligible for JRF of UGC since the inception of M.Ed., programme. They have been placed in DIET's, Colleges of Teacher Education, Teacher Training Institutes, Universities, Departments, Government Schools and pursuing Ph.D.

## FACULTY

### Professor

**M. S. Lalithamma, Ph.D.** (Centre of Advanced Study in Education, M.S. University of Baroda)

*Specialization:* Research Methodology & Statistics in Education, Psychology of Education, Measurement & Evaluation, Teaching & Teacher Effectiveness; Elementary Education, Microteaching & Teacher education.



## Associate Professors

**M. Balamurugan, Ph.D.** (Annamalai University)  
*Specialization:* Mathematics Education, Educational Planning and Administration, Teacher Education, Educational Psychology, Value Education, Bio-Psychology & Statistics in Education.

**K. Chellamani, Ph.D.** (Alagappa University)  
*Specialization:* Research Methodology, Experimental Design, Psycholinguistics, Neuro - Linguistics, Cognitive Science, Portfolio Writing, English Language Teaching and Teacher Education.

**Mumtaz Begum, Ph.D.** (University of Madras)  
*Specialization:* Teacher Education, ELT, Vocational Education, Special Education, Distance Education, Higher Education, Gender Education.

**Amruth G Kumar, Ph.D.** (M. G. University)  
*Specialization:* Information Skills, Economics of Education, ICT in Education.

**Sreekala.E, Ph.D.** (Regional Institute of Education, University of Mysore)  
*Specialization:* Sociology of Education, Blended Learning, Special Education, Higher Education, and School Education.

## Assistant Professors

**Vijayakumar. R, M.Phil.,**  
*Specialization:* Foundations of Education, Multi-Media Technology of Education, Teacher Education, Environmental Education & Guidance and Counseling.

# CENTRE FOR ADULT & CONTINUING EDUCATION

Centre Head- Dr. K. Devan  
School of Education

Established in 1989, the Centre offers Ph.D. in Adult & Continuing Education (Inter Disciplinary). The centre is an interdisciplinary one which provides facilities for intensive training and overall approach to extension and field outreach activities. The prime aim of the centre is to create critical awareness towards literacy, population education, extension programmes, youth development, social problems and societal issues. A holistic approach to outreach studies is envisaged.

### PROGRAMMES OF STUDY

**Ph.D. Adult & Continuing Education -Inter Disciplinary**  
(Full-time & Part-time).

### ENTRANCE EXAMINATION

For the entrance examinations for admission to Ph.D Programme, the question paper will consist of objective type of Questions in the areas of General Knowledge, General English, Research Methods and Statistics.

## RESEARCH ACTIVITIES

At present Eight Research Scholars have been pursuing Ph.D. in Adult and Continuing Education. Full time scholars are receiving UGC-JRF, ICSSR fellowship and University scholarship. Thrust areas for research include

- Extension, Field Outreach and Community Development
- Continuing Education
- Non-Formal Education
- Societal Issues and Social Problems and
- Youth Development

## INFRASTRUCTURE FACILITIES

Computer, Overhead Projector, Colour television, DVP, LCD Projector, Free Internet Access.

## FACULTY

### Associate Professor

**K. Devan, Ph.D.** (Pondicherry University, Puducherry)  
*Specialization:* Anthropology, Youth Services, Social Problems, Extension and Field Outreach Activities, Societal Issues and Community Development.

# SCHOOL OF MEDICAL SCIENCES

Dean (i/c): Dr. S. MAHADEVAN

The University at present does not offer any programme directly by the School of Medical Sciences.

## UNIVERSITY CO-ORDINATOR

**K. SRIKUMAR, Ph.D.**

Head, Dept. of Biochemistry & Molecular Biology,  
Pondicherry University.

# SCHOOL OF MEDIA & COMMUNICATION

Dean: Prof. Chennupati K. Ramaiah

## Department of Electronic Media and Mass Communication Department of Library and Information Sciences

The Department of Electronic Media, the Department of Mass Communication and the Department of Library and Information Science (DLIS) were started in the academic year 2007-08 with a motivation to grasp the ever-expanding knowledge domains of media and culture, media production, informatics, knowledge management and library and information sciences. Initially all three departments were under School of Physical, Chemical & Applied Sciences. Recognizing the meta-disciplinary nature of all these subjects, the three departments have now been coalesced into one single enclave called '*The School of Media and Communication*'. Further, the three subjects share commonality in teaching and research, and the same is evidenced in the synthesis of communication and information sciences in universities across the globe.

The School of Media and Communication comprises of i) the Department of Electronic Media and Mass Communication (DEM&MC) and ii) the Department of Library and Information Science. The Department of Electronic Media and Mass Communication (DEM&MC) was created in 2012, by combining the Department of Mass Communication and Department of Electronic Media. It offers two postgraduate programmes viz. M.A. in Mass Communication and M.Sc. in Electronic Media, Postgraduate Diploma in Journalism and Mass Communication and PhD in Media and Communication since 2010. The

Department of Library and Information Science (DLIS) began offering MLIS programme in Library & Information Sciences in 2007, Postgraduate Diploma in Library Automation and Networking (PGDLAN) in the evenings in 2009-10 and PhD in 2010.

The School of Media and Communication is one of the emerging interdisciplinary academic entities of the University. The broader arc of the school's curriculum encompasses Digital Media and Culture, Journalism for Print, Radio, Television and Internet, Media Production, Library & Information Science and Technology. Its profound aim is to produce informed scholars and skilled manpower to meet the needs of the national and international communities as well as industries.

The school's main goal is to achieve excellence in all respects including teaching, services, research and innovation. By that corollary, the school offers an innovative communication and information curriculum to impart knowledge to postgraduate students who come from diverse social, cultural and economic backgrounds. The school maps the career for graduates by turning them into a new breed of journalists, media professionals (both print and electronic), and research scholars, Library & Information Science Professionals who are fit to meet the needs of the industry in the country and abroad.

## THRUST AREAS OF RESEARCH

### DEM&MC

The thrust areas of research include:

- Film Studies and Visual Culture
- Semiotic and Ideological Analysis of Visual content
- Identity in Digital Media
- Interface and Affect Studies
- Internet/Mobile phones and cultural geography
- Subaltern discourses in digital media
- Archives, fan cultures and digital memory
- Health / Development Communication
- Political Communication
- Video/Digital Games and Cultural studies

DLIS focuses on the current issues in librarianship to enable the LIS professionals to get professional confidence. The thrust areas of research include:

- ICT Applications in LIS
- Digital Libraries
- E-Publishing
- Hypertext and Multimedia
- Knowledge Management
- Heritage & Cultural Informatics

## INFRASTRUCTURE

The physical and academic infrastructure comprises well equipped class rooms with LCD Projectors and Public Address System, multimedia lab and studios with latest equipment and software, Wi-Fi facility in campus, access to e-books, e-journals and institutional repositories, latest books on subjects, separate hostels for girls and boys, etc. The departments also organize several events like study tour, workshops, seminars and guest lectures by eminent academics from India and abroad.



## PLACEMENT OPPORTUNITIES

There is a great demand for Communication and Information professionals in the job market. Media students are placed in television, radio and IT companies in technical (production, development) and non-technical (content writing, Public Relations, Advertising, Technical Writing, NGOs, documentary film makers, Corporate Communication to name a few). LIS postgraduates get placed as Librarians, Information Scientists, Knowledge Managers, Cataloguers, Indexers, Information Analysts, Reference Services Specialists, Technical Editors, Consultants, etc. in traditional libraries & information centres and corporate sectors as well. Those who qualify UGC-NET or SET examination are eligible to enter academics. Those who qualify UGC-JRF can pursue their doctoral research in their chosen field with UGC fellowship.



# DEPARTMENT OF ELECTRONIC MEDIA AND MASS COMMUNICATION

School of Media & Communication

Established in 2007, the Department offers two courses: M.A in Mass Communication, and M.Sc. in Electronic Media. The major objective of the Department is to train students in the spheres of journalism, television production, radio production, advertising, public relations, film studies, digital media and photography. Our aim is to nurture cutting edge media professionals with effective communication and critical thinking skills. We work towards preparing young minds with a strong foundation in values and principles, who proactively intervene in the development of a just and humane society.

## ● PROGRAMMES OF STUDY

**M.A.** Mass Communication  
**Ph.D.** Mass Communication  
**M.Sc.** Electronic Media  
**Ph.D.** Electronic Media

## ● ENTRANCE EXAMINATION

### Masters' Degree Courses

The Entrance Examination consist of 100 Multiple Choice Questions which covers areas like general aptitude, media and society, media and communication, electronic and new media, numerical ability, general knowledge, language and grammar, logical reasoning and computer applications.

### Ph.D.

JRF students get direct admission to the doctoral programmes of mass communication and electronic media. All others desirous of seeking admission into any of the two programmes will have to appear for an entrance test. The test covers knowledge of English language, logic, mathematics and subjects taught as part of mass communication and electronic media.

## ACTIVITIES

### The Inquirer – print edition

The Department brings out a students' practice journal titled 'The Inquirer', available online at its own website and in the Publications section at <http://www.pondiuni.edu.in/content/students-journals-inquirer/>

### The Inquirer – Mobile Application

In an effort towards embracing convergence era, the department has launched a news app called **The Inquirer** that can be downloaded from <https://play.google.com/store/apps/details?id=com.inquirer.web> and accessed in Android based smart phones.

### The Inquirer - Web journalism and media production

The department has its website to provides a platform for the multimedia production by the students of MA Mass Communication at <http://www.puinquirer.edu.in/> Radio Production students produce programmes for Pudevai Vaani, a FM Community Radio station of Pondicherry University.

### Television Production

Students produce documentaries and short duration video programmes. They engage with socially relevant media projects.

### Photo Journalism

The students are offered intensive training in photo journalism and are encouraged to organize exhibitions

## Guest Lectures and Workshops

Enrichment lectures by national and international media professionals, and face-to-face and virtual workshops by media practitioners are organised on a regular basis.

## OBJECTIVES

### M.A. MASS COMMUNICATION

- The Programme offers theoretical knowledge with a focus on practical, professional skills and competences in Journalism, Communication and Media Studies.
- The Programme will be media-oriented, based on a thorough grounding in social and behavioural sciences;
- The Programme will be complying with current social and job market demands.

### M.Sc ELECTRONIC MEDIA

- To facilitate students to understand the systems, processes, cultures associated with mass media and with special emphasis on interactive Television, and new media.
- To provide wider training on audio- visual productions and animation film making.
- To introduce and familiarize critical research skills in audio visual media

## CAMPBUZZ – CAMPUS NEWS BULLETIN

The students are encouraged to participate in the video documenting of all major events and programmes of the University such as seminars, workshops, conferences and cultural events. The students publish University Campus News Bulletin called Campbuzz, which is also uploaded in YouTube channel at PUCAMPBUZZ.

## FILM FESTIVALS, SHORT FILMS COMPETITIONS AND FILM SCREENING

Film Festivals are organized every year in collaboration with Tamil Nadu Progressive Writers Association and IAWRT besides other bodies.

## PEDAGOGY

The courses lay equal emphasis on theoretical and practical learning including:

## INTERNSHIP

Each student undergoes internship for not less than four weeks

in a media organization during summer vacation between second and third semesters. After completion, each student submits a report on the experience she/he gained during the internship. The training they get from media houses is particularly helpful in orienting students to the requirements of the industry.

## **MEDIA PRODUCTION**

The convergence of media requires students to be exposed to the application of a variety of media through a single platform. The students do media production in the first semester which includes Lab Journal Production, photo journalism and reporting, writing and editing for print media. They further engage with radio production, television production, web journalism, reporting, writing and editing for electronic media and other courses in the four semesters. Each student participates to create content through any of the following media: print journalism, web journalism, photojournalism, radio, television, film, animation, E-Learning and graphic design. Students of Electronic Media engage in various genres of productions using single and multi camera set up.

## **EMPLOYMENT ORIENTATION**

Students get placements in news organizations, advertising agencies, public relations firms, communication websites, television and film industry, centres for media research, non-governmental organizations, and academic institutions.

## **PLACEMENT**

Students have been placed in various media organizations in plus assignments that include non-technical and technical jobs. Some of the companies include HP, Flipkart, Oracle, Times of India, The New Indian Express, Think shy Me Not, SUN TV, Raj TV, Accenture, Gaming industry. etc

## **ONGOING PROJECTS**

1. UGC approved minor project on AIDS awareness among Pondicherry public is underway.

## **SPECIAL EVENTS**

The department organizes Seminars, Workshops, Exhibitions, Film Festivals and other events on a regular basis. Some of the notable events in the last three years include:

- Documentary and Film Festivals in association with various organizations such as Tamilnadu Progressive Writers Association and International Association of women in Radio and Television; Kashmir Film Festival.
- Academic Seminar in association with ACT-TNP and other International Agencies
- Photo Exhibitions in collaboration with Alliance Francaise and stand alone Student Exhibitions.
- TV Journalism, Sound, Animation, Editing, E-Content, Web Design Workshops with experts of eminence and expertise.

## **INFRASTRUCTURE**

The department has well equipped media labs and studios with the most recent equipment to train students on graphic and web designing, audio and video editing. The equipment

includes broadcast quality audio and video equipment and professional digital SLR cameras. Classrooms are furnished with teaching aids such as LCD projector and DTH connection which enable students to keep themselves up-to-date with current affairs 24x7. The following are the key facilities and supporting equipment available in the Department

## **A) VIDEO PRODUCTION STUDIO**

The Department's video studio has the most recent of sophisticated equipment for video production processes. These include a Sony XD Cam, Sony D55 Professional video camera, a Sony PD170 Video Camera and a Panasonic 102B, NV MD 10000 & NVG330 digital video camera and Digital SLR Nikon D90 and Canon Power shot for Photo journalism. It has three state of the art video mixers for multi-camera production that includes a Sony Anycast station, a Panasonic AGMX70 Digital Mixer and Data video switcher SE 800. Additionally the studio has Canara Cool lights, an External Chroma Key and character generator, a Camera control unit, a Teleprompter, Yamaha O1V96 digital audio mixer & a Mackie 12 channel audio mixer and a Sony DVCAM recorder.

## **B) MULTIMEDIA LAB**

The Multimedia lab has 70 high end computer systems. The lab also has the latest versions of supporting software that include Adobe CS5 Master Collection, Quark Express 8, Avid Media Composer, Final Cut pro, Adobe Flash Professional CS3, Photoshop CS3, Premiere Pro CS3; Ulead Video studio 11 and Sound Forge 9, Cool Edit Pro. A separate edit suite with Avid Mojo SD, Mac Pro with FCP & DPS velocity HD work station for video editing is also available.

## **C) COMMUNITY RADIO STATION – PUDUVAI VAANI FM 107.8 MHZ**

Puduvai Vaani is a recently established FM Radio facility on the University campus. It is a Community Radio Station (CRS) that works on FM 107.8 MHz, covering an area of 20 km radius from the University campus. This station broadcasts programmes in both Tamil and English languages. It is also planning to launch the radio tutor for functional Hindi. Media students undergo training in the production of radio programmes that includes writing of radio scripts, voice modulation and live broadcasting over an FM radio channel. The station is a "first of its kind" among CRS with 2 suites for radio production and one suite for transmission & live broadcast.

## **D) VIDEO ARCHIVES**

The Department maintains a video archives on various activities happening in the University. These include the annual convocation ceremony, film festivals, the inauguration of various departments, seminars, workshops and other art and cultural events on the university campus.

The Department produces quality educational programmes and generates e-content materials in various fields and subjects. A separate web server has been established to house all these productions of the University. Public and students can browse: [www.pucul.edu.in](http://www.pucul.edu.in) for utilizing the resources.

## E) AUDIO RESOURCES

The FM Community Radio Station has produced more than 500 hours of audio / radio content which are suitable for broadcast through any radio stations on varieties of themes from health, education to entertainment. Fresh recording of music and lectures have been done to generate copyright products from this centre since 2008.

## FACULTY

### Associate Professors

**S. Arulselvan, Ph.D.**(Madurai Kamraj University)

*Specialization:* Communication Research, E-Content, Journalism (Print & Web), ICT applications for Education, Media Management, Media Content Development.

**D. Nivedhitha, Ph.D.**(Mother Teresa Women's University)

*Specialization:* Television Production, Film Production, Gender Studies, Film appreciation, Film Criticism, Screenplay writing, Film making (Fiction and non-fiction), Cosmetology, Carnatic Music, Film acting, Advertising and Documentary production, Anthroposemiotics, Film Semiotics.

### Assistant Professors

**M. Shuaib Mohamed Haneef, Ph.D.** (Manonmaniam Sundaranar University)

*Specialization:* Communication Theories, Communication Research, Digital Media and Culture Studies, Journalism (Print & Web), New Media Research, E- Learning, Games & Narratives

**Radhika Khanna, M.A.** (Jamia Millia Islamia)

*Specialization:* Anthropeosemiotics, Public Relations & Corporate Communication, Film Studies, Documentary Media(Photography, Radio, T.V. & Film) Production, Journalism, Theatre-in-Education.

**Samarjit Kachari, M.A.**(Tezpur University)

*Specialization:* Development Communication, Radio production, Journalism, Communication Theories,

**A. Muthamil, M.Sc., M.Phil.**(Anna University).

*Specialization:* Television Production, Videography, Editing, Film Studies.

**V. Santhi Siri, M.F.A,Ph.D.**(Mother Teresa Women's University)

*Specialization:* Visual Arts, Graphic design, Animation, Radio production, Visual Media & Design

**T. Balasaravanan. Ph.D.** (Pondicherry University)

*Specialization:* Lighting Design, Postproduction, Film making, Performing Arts.



## EMMRC - EDUCATIONAL MULTIMEDIA RESEARCH CENTRE

School of Media & Communication

Professor & Head Dr. M.S. Pandian

Realizing the potential of the use of Electronic Media in Education and to address the needs of Higher Education in our country, the University Grants Commission (UGC) established a Consortium for Educational Communication (CEC) and set up Educational and Multimedia Research Centres (Media Centres) at various Universities to produce e-content and television educational programme software for Higher Educational Television Channel, Vyas and Web.

The EMMRC at Pondicherry University is 20th such Media Centre. Staff recruitment, equipment purchase and acoustics for new state of the art studios are under way.

Much ahead of the creation of EMRC, a Multimedia Production Centre was established during the academic year 2007-2008 which was inaugurated by Prof. Sukhadeo Thorat, former Chairman, UGC on 29th March 2008. This Centre is a self-sufficient production centre with state of art video production facilities, actively engaged in the production of educational video documentaries, animation films, E-lectures, Distance Education Programmes, Academic Staff College Programmes and documentation of important academic events of the University. This Centre has produced 65 documentaries, 3 animation films and 15 E-lectures on diverse topics. Beside, the centre also produced visual documentary for the University Anthem and a documentary on "Pondicherry University - An ultimate destination". Some of the award winning documentaries of the centre are listed below.

### 20TH UGC-CEC EDUCATIONAL VIDEO COMPETITION (2009-10)

1. The salves of the Lamp- Best Cinematography and Best Scripting
2. Pranthanam-Kirti-Pravannu"(Save heritages for posterity)-Best Animation

### 21ST UGC-CEC EDUCATIONAL VIDEO COMPETITION (2010-11)

1. The True Survivor(Horseshoe Crab)-Best Programme of the year  
Producer: Mr.J.A. Sanjeev kumar, Pondicherry University
2. The True Survivor(Horseshoe Crab)-Best Script  
Script writer: Dr. Jayanth Mishra, Pondicherry University
3. Silk the Queen of Fiber-best Camera work  
Cameraman: Mr.G.Sivakumar, PondicherryUniversity
4. French Fragrance at Puducherry Best Editing  
Editor: Mr. S. Balamurugan, Pondicherry University,Cash Prize: Rs.25, 000/-
5. The Tree- Best Programme for Animation  
Animation: Ms. M. Manamathi, Pondicherry University  
Cash Prize: Rs.50, 000/-

### DOCUMENTARIES PARTICIPATED IN FILM FESTIVALS

#### "Prakriti Film festival 2008", Pondicherry University

1. Gingee Fort  
"Prakriti Film festival 2010", Jodhpur

1. The Brides of Aaravan
2. The salves of the Lamp
3. The Killer dust

#### "Prakriti Film festival 2011", Tripura

1. Margadarsi Siddama
2. The Modern Muni

#### "Prakriti Film festival 2012", Mysore

1. The Night Warriors
2. Ariyalur Rocks
3. Probiotics 'A Value of Biotech'
4. The Art of Bronze

#### "Prakriti Film 2013", Calicut

1. Share the Pain (Produced by Mr.J.A. Sanjeev Kumar)  
Selected as the Best documentary film.

#### "Prakriti Film 2014", Kolkata

1. True Life
2. Mobile Solar Power
3. Nanobiotics:"A Hope for Cure"
4. Rainwater Harvesting

#### Vigyan Prasara, Department of Science and Technology - "Rashtriya Vigyan Chalchitra Mela 2013", Kolkata

1. The Night Warriors - Mr. S. Balamurugan was awarded Golden Beaver Award under Popular Science category.
2. The Rain water Harvesting - Shortlisted for screening under short film on science and technology category and certificate of merit was given to Mr. M. Iyyanar.

#### Vigyan Prasara, Department of Science and Technology - "Rashtriya Vigyan Chalchitra Mela 2014", Bangalore

1. Horse - Shoe Crab - Mr. J.A. Sanjeev Kumar was awarded Silver Beaver Trophy Award and a Cash Prize of Rs.50,000/-
2. Mobile Solar Power- Mr.S. Balamurugan was awarded Bronze Beaver Trophy Award and a cash prize of Rs. 30,000/-

#### Vigyan Prasara, Department of Science and Technology - "Rashtriya Vigyan Chalchitra Mela 2015"

1. True Life
2. Where am I
3. Nanobiotics:"A Hope for Cure"

### PRODUCTION TEAM

1. Mr. A. Sanjeev Kumar, M.A.(Communication) - Producer
2. Mr. S. Balamurugan, M.Sc., M.A.,M.Phil., PGDEM - Production Assistant
3. Mr G. Siva Kumar, M.A., D.T.C - Cameraman
4. Mr. M. Iyyanar, M.Sc.,M.A., M.Phil., D.F.Tech - Technical Assistant
5. Ms. M. Manamathi, M.B.A. PGDAM - Graphic Assistant
6. Mr. D. Duraivijayan, B.Sc., DECE - Shooting Assistant
7. Mr. M. Umesan. M.A., PGDTV., I.T.I - Media Technician
8. Mr. V. Meenakshi Sundaram, Dip in E&TC., I.T.I. - Media Technician



## DEPARTMENT OF LIBRARY & INFORMATION SCIENCES

School of Media & Communication

The Department of Library and Information Science was started during the academic year 2007-08. The Department offers a professional Master's Degree programme (MLIS) and a Ph.D. Degree Programme in Library and Information Science. In addition, an Add-on Course – Postgraduate Diploma in Library Automation and Networking (PGDLAN) is also offered in the evenings. MLIS course duration is two years and comprises four semesters. Candidates who have passed any Bachelors Degree examination from a recognized university under 10+2+3 system and who have secured at least 50% marks in aggregate in Part III (main subjects) are eligible to apply for seeking admission to this course. In case of candidates belonging to SC/ST category, relaxation in the percentage of marks shall be given as per the University Guidelines issued from time to time.

### ● PROGRAMMES OF STUDY

**M.L.I.S.** Master of Library & Information Science  
(Full-time- two years)

**Ph.D.** Library & Information Science

**PGDLAN** Postgraduate Diploma in Library Automation and Networking

### ● ENTRANCE EXAMINATION

**M.L.I.S.**

Candidates seeking admission to the programme shall be required to appear for a 2-hour written examination conducted by the University during the last week of May or first week of June or on the date announced by the University. The written examination shall consist of 100 objective type questions to test mental ability, aptitude and general knowledge of the candidate consisting of questions from current topics of general interest, books, authors, libraries, information resources, reading habits and other related areas.

**Ph.D.**

The admission to Ph.D. programme is based on the vacancies available with the eligible Guides and the field of specialisation in which a scholar intends to pursue research. The desirous candidates are required to take an entrance examination conducted by the University for Ph.D. admission. The written examination consists of 100 objective type questions based on BLIS and MLIS curriculum. A few questions from current affairs, language skills, etc. will also be included in the paper. For more information visit our university website at: <http://www.pondiuni.edu.in/admissions/eligibility.htm>

**PGDLAN**

No entrance examination. Any graduate with a minimum of 45% of marks would be eligible to apply.

**Ph.D.**

The Ph.D. programme was started during the academic year 2010 – 2011 through different streams viz. Full-time, Part-time (Internal & External).

### MAJOR OBJECTIVES

- To demonstrate the scholars' competence to carry out independent and original academic research in the field

of Library and Information Science.

- To produce graduates with advanced capabilities in librarianship in order to meet the challenges in the changing environment;
- To develop within each candidate the expertise and skills necessary to be an effective educator, researcher, faculty member, practitioner, etc.;
- To encourage creativity, analytical thinking, critical analysis, and innovative problem-solving techniques for the problems and constraints faced by the library professionals in the present age; and
- To disseminate the results of their research in a standard peer-reviewed academic publications.

### MASTER'S DEGREE IN LIBRARY AND INFORMATION SCIENCE (M.L.I.S.)

The MLIS, a two-year programme of 72 credits, is divided into four semesters including Internship and a project in the final semester.

### MAJOR OBJECTIVES

- To familiarize students with basic concepts of information and its communication in society;
- To learn advanced information processing techniques and develop capability in retrieving information by applying different search techniques;
- To acquaint students with the activities and services of different information systems and introduce them packaging and consolidation techniques;
- To introduce different methods and techniques of research;
- To identify and learn the major issues in the development of new technology in the libraries;
- To develop skills in using computer and communication technology; and
- To introduce modern tools and techniques to students to manage Libraries and Information Centres effectively.

### POSTGRADUATE DIPLOMA IN LIBRARY AUTOMATION AND NETWORKING (PGDLAN) – ADD-ON COURSE

The PGDLAN programme was launched during the academic year 2009 – 2010. The programme is of 20 credits and comprises Two Semesters. The classes are conducted in the evenings only between 5.30 p.m. and 7.30 p.m.

## MAJOR OBJECTIVES

- To imbibe knowledge and skills associated with ICT applications in Libraries and Information Centres;
- To understand the basic requirements of library automation and services provided by the libraries in an automated environment;
- To practically learn and well versed with the various activities of house-keeping operations with the help of 'KOHA', an open source software.
- To acquaint themselves with the components of an information system and learn about how to design and develop an information system;
- To acquire knowledge and skills on networking and Internet technology;
- To develop skills with special reference to the information resources available on the Internet;
- To acquire web-based content development skills;
- To practically learn and well versed with the Digital Library open source software 'DSpace' and 'GSDL'; and
- To develop confidence in handling any kind of activities/ services in an automated library or information centre.

## INFRASTRUCTURE FACILITIES

The physical and academic infrastructure comprises well equipped class rooms with LCD Projectors and Public Address System, Computer Lab with Internet facility and required hardware and software for teaching-learning, Wi-Fi facility in campus, access to e-books, e-journals and institutional repositories, subscription to national and international journals and magazines, latest books on library and information science, separate hostels on campus for girls and boys, etc. The Department also organizes several events like study tour, workshops, Seminars, guest lectures by eminent academics from India and abroad.

## PLACEMENT OPPORTUNITIES

M.L.I.S. programme is a professional degree. There is a great demand for the library professionals in the job market. M.L.I.S. postgraduates get placed as Librarians, Information Scientists, Knowledge Managers, Cataloguers, Indexers, Information Analysts, Reference Services Specialists, Technical Editors, Consultants, etc. in traditional libraries & information centres and corporate sectors also. Those who qualify UGC-NET or SET examination can enter academics as an Assistant Professor or Assistant Librarian of a University or Librarian of a College. Those who qualify UGC-JRF can pursue research in the field of Library & Information Science with UGC fellowship. An added qualification of PGDLAN would place the student at a higher advantage in the job arena with knowledge of automation and networking. Our recruiters include LIS Schools, all kinds of libraries and information centres, colleges, universities and corporate companies like Tata Consultancy Services, Indian School of Business etc.

## PROGRAMME STRUCTURE OF M.L.I.S.

The curriculum structure of MLIS programme is given below:

### THEORY

Information Resources, Knowledge Organization, Introduction to Information Technology, Management of Information Centres, Communication Skills & Public Relations (PR), Information Storage & Retrieval, Research Methods, Marketing of Information Products and Services, Knowledge Management, Digital Libraries, and any two optional courses to be chosen from the five subjects: a) Web Technology, b) E-Publishing, c) Informetrics, d) Industrial Information System, and e) Technical Writing.

### PRACTICALS

The practical courses of MLIS programme are: Information Technology: Practice which includes KOHA, WINISIS, LIBSYS, SOUL, GSDL, Dspace and E-prints, Information Processing-I: Classification practice according to DDC, Ed.22, Information Processing - II: Cataloguing practice according to AACR-2, MARC-21, Project and Internship.

### PROJECT AND INTERNSHIP

The students are supposed to complete a project as a part of the programme, and should also undergo an internship for 21 days in a reputed library / information centre during summer vacation between second and third semesters.

### FACULTY

#### Professor

**Chennupati K. Ramaiah, Ph.D.** (Loughborough University).  
*Specialization:* ICT applications in Library & Information Services, Multimedia, Hypertext, CAI, User Interfaces, Human Computer Interaction, Web / E-Publishing, & Archival Informatics

#### Associate Professor

**R.Sevukan, Ph.D.** (Annamalai University)  
*Specialization:* Library Automation, Scientometrics, Academic Library System, Research Methods, Information Seeking Behaviour, ICT Applications in Libraries.

#### Assistant Professors

**Rekha Rani Varghese, Ph.D.** (University of Calicut)  
*Specialization:* IT applications in Libraries, Institutional Repositories, Information Retrieval, User Studies.

**Mangkhollen Singson, M.L.I.S.** (North East Hill University)

*Specialization:* Marketing of Information Products, Knowledge Management, E-journals.

**M.Leeladharan, M.Phil.** (Annamalai University)  
*Specialization:* Information Retrieval, Scientometrics, Knowledge Organization.

## SCHOOL OF ENGINEERING & TECHNOLOGY

Dean: Prof. R. Subramanian

Department of Computer Science  
Department of Electronics Engineering  
Centre for Pollution Control and Environmental Engineering

Emerging trends in the field of Science and Technology calls for an environmentally sound system of growth and development in the entire planet. This school also maintains the academic units of both the University

and its affiliated engineering colleges where in dozens of UG, PG and Ph.D. programmes are being offered with excellent infrastructure and facilities. There are more new centres to be added to this school of Engineering in the years to

come and National facilities for R&D will be made available for wider participation and collaboration. Industries are always welcome to associate with these units for linkages and placements.



# DEPARTMENT OF COMPUTER SCIENCE

School of Engineering & Technology

The Department aims at imparting quality education in Computer Science & Engineering and Information Technology through various post-graduate programmes. It also offers an atmosphere conducive for research scholars for pursuing research in various advanced areas of Computer Science, Engineering and Information Technology.

## PROGRAMMES OF STUDY

### M.C.A.

**M.Sc. Computer Science (Two Years)**

**M.Sc. Computer Science (Five year Integrated)**

**M.Tech. Computer Science & Engineering**

**M.Tech. Network & Internet Engineering**

**Ph.D. Computer Science & Engineering**

(Full-time, Part-time (Internal & External))

**P.G. Diploma in Computer Applications (Add on)**

## ENTRANCE EXAMINATION

**M.Sc. Computer Science:** Admission to M.Sc. course is based on the performance in the Entrance Examination. The entrance examination is of 100 Multiple Choice Questions. The question paper will consist of 20 questions in general arithmetic and 80 from Data Structures and Algorithms, Digital Logic and Computer Organization, Operating Systems, System Software, microprocessors, SAD, DBMS, Automata, Programming Languages (C & C+) and Recent Trends in Computer Science related domains.

**M.C.A.:** Admission to M.C.A. is based on the performance in the Entrance Examination. The entrance examination is of objective type. The question paper will consist of 100 Multiple Choice Questions from the topics of Comprehension and Verbal Ability, Analytical Ability, Logical Reasoning, Mathematical Aptitude and General awareness in Computer Science related domains.

## INFRASTRUCTURE FACILITIES

The Department has Five well-equipped computer laboratories namely, General Programming Lab, Central lab, Multimedia Lab, Grid Computing Lab and Project Lab, housing about 210 state of art computer systems with latest configurations, all connected to various servers running Operating Systems like Windows NT, Linux Operating System, Sun Solaris and Mac OS. Grid Computing and Cluster Computing have also been facilitated in the Servers. Intranet facility and Internet facility (220 Mbps link) are also available. An enhanced Multimedia Lab of the Department is equipped with state-of-the art Apple Machines.

## RESEARCH ACTIVITIES

The Department hosts research activities in the following disciplines: Information Security, Object Oriented Systems, Multilingual-Based Systems, Software Engineering, Evolutionary Computing and Distributed Systems.

## M.Tech. Computer Science & Engineering and M.Tech. Network & Internet Engineering:

Admission to M.Tech. is based on the performance in the Entrance Examination. The written Examination consists of 100 Multiple Choice Questions will be from the subjects of Data Structures and Algorithms, Computer Architecture, Operating Systems, System Software, Microprocessors, DBMS, Networks, Compilers, Automata, AI, Graphics, Software Engineering, Programming Languages (C, C++ and Java) and Recent Trends in Computer Science related domains.

**Ph.D.:** Admission to Ph.D. is based on the performance in Entrance Examination. The Entrance Examination consists of 100 Multiple Choice Questions from all the major areas of Computer Science discipline.

## STUDENT ACTIVITIES

The Computer Science students' association, PIXEL, provides opportunities to sharpen the skills of students by organizing lectures and students meet. The alumni of the department deliver lectures on latest topics periodically for updating the skill sets of the students.

## PLACEMENT

The Placement activities of the Department are taken care of by a Placement Cell which comprises of student members and a Faculty Advisor. The Placement Cell organizes Campus recruitment programmes every year and takes pride in facilitating placement for the eligible students in MNCs like IBM, HCL, Wipro, Infosys, TCS, Verizon, HP, ITC, CTS, Honeywell, iGate, etc.

## FACULTY

### Professors

**R. Subramanian, Ph.D.** (IIT Delhi)

*Specialization:* Algorithms, Robotics.

**P. Dhavachelvan, Ph.D.** (Anna University, Chennai)

*Specialization:* Software Engineering, Optimization Algorithms

### Associate Professor

**T. Chithralekha, Ph.D.** (Pondicherry University)

*Specialization:* Information Security, Data Warehousing, Agent Technology.

**S. Siva Sathya, Ph.D.** (Pondicherry University, Puducherry)

*Specialization:* Evolutionary Algorithms, Object Oriented Systems, Bio-Informatics.

## Assistant Professors

**R. P. Seenivasan, M.C.A.** (Madras University, Chennai)

*Specialization:* Software Engineering and Database Management Systems.

**K. Vijayanand, Ph.D**

(Acharya Nagarjuna University, Andhra Pradesh)

*Specialization:* Natural Language Processing

**T. Sivakumar, M.Tech.** (Pondicherry University, Puducherry)

*Specialization:* Database Management Systems, Computer Networks.

**R. Sunitha, Ph.D.** (Pondicherry University, Puducherry)

*Specialization:* Software Architecture, Semantic Web Technologies.

**Pothula Sujatha, Ph.D.**

(Pondicherry University, Puducherry)

*Specialization:* Information Retrieval, Data Warehousing.

**K. Suresh Joseph, Ph.D.** (AnnaUniversity, Chennai)

*Specialization:* Operating Systems and Artificial Intelligence.

**M. Sathya, M.Tech.** (Pondicherry University, Puducherry)

*Specialization:* Software Engineering

**K.S. Kuppusamy, Ph.D**

(Pondicherry University, Pondicherry)

*Specialization:* Information Retrieval and Web Search Engineering.

**S.K.V.Jayakumar, Ph.D.** (Pondicherry University)

*Specialization:* Web Service & Cloud Computing, Database Management Systems.

**V. Uma, Ph.D.** (Pondicherry University, Puducherry)

*Specialization:* Data Mining

**P. Shanthi Bala, Ph.D.** (Pondicherry University, Puducherry)

*Specialization:* Distributed Computing Systems, Knowledge Engineering and Networks.

**M.Nandhini, Ph.d.** (Bharathiar University, Coimbatore)

*Specialization:* Software Engineering

**T. Vengattaraman, Ph.D.** (Pondicherry University, Puducherry)

*Specialization:* Web Services and Software Engineering

**S. Ravi, Ph.D.** (M.S. University, Thirunelveli)

*Specialization:* Image Processing, Algorithms, Bio-Metric Systems.



# DEPARTMENT OF ELECTRONICS ENGINEERING

School of Engineering & Technology

The Department of Electronics Engineering is the first Engineering Department which has been established under the School of Engineering and Technology in the Academic Year 2010 -11 during XI Plan. The prime aim of the Department is to impart quality research in the field of Electronics and Communication Engineering to meet the increasing demand of highly qualified technical personalities. The department offers two programmes namely, Master of Technology and Doctor of Philosophy in Electronics and Communication Engineering respectively. To motivate the students towards conceptual realization and to mould the students to be the backbone of modern technologies in the field of Electronics and Communication Engineering is the vision and mission of the department, respectively.

## PROGRAMMES OF STUDY

**M.Tech.** Electronics and Communication Engineering  
(Duration: 2 years – Full Time)

**Ph.D.** Electronics and Communication Engineering (Full Time / Part Time)

## ENTRANCE EXAMINATION

**M.Tech.** Electronics and Communication Engineering: Selection of students is based on the national level entrance examination conducted by the Pondicherry University at various centers in the country. The entrance examination would comprise 100 Multiple Choice Questions from Engineering Mathematics, Engineering Physics and Electronics & Communication Engineering subjects at the Under Graduate level.

**Ph.D.** Electronics and Communication Engineering: Admission to Ph.D. is based on the performance in the national level entrance examination conducted by the Pondicherry University at various places across the country, academic and interview. The entrance examination question paper consists of 100 Multiple Choice Questions from all the major areas of Electronics and Communication Engineering at the Post Graduate level.

## TRUST AREA OF RESEARCH WORK

- Antennas
- Digital Signal and Image Processing
- MEMS/NEMS
- Microwave and Millimetre-wave Engineering
- Network and Information Security
- Optical Communication and Devices
- VLSI Design
- Wireless Communication and Networks

## INFRASTRUCTURE FACILITIES

### Equipment Details

- Analog and Digital Communication Trainer kit
- Arbitrary Waveform Generator
- Digital Signal Processor Trainer kit
- DSO (200MHz and 500 MHz)
- Microcontroller based System Design Trainer kit
- Microstrip Antenna Trainer kit
- Mixed Signal Oscilloscope (1 GHz)
- Vector Network Analyzer (9 kHz - 3 GHz)
- Xilinx FPGA Trainer kit
- ARM Processor Kit

## COMPUTER FACILITIES

In addition to the computing facility available at the University Computer Centre, Department of Electronics Engineering has separate computer laboratory with the following facilities:

- HP-Desktop Computers - 30 Nos.
- IE3D-Mentor Graphics - 3 Users

- MATLAB R2011A - 30 Users
- OrCAD PCB Suite - 30 Users
- Xilinx (VHDL/VERILOG) - 25 Users
- Qualnet - 1 User

## STUDENT ACTIVITIES

Students' technical association namely, Innovation Minds of Professional Association Creating Technologies (IMPACT) imparts a platform to bring together young minds from various institutions to share their innovative ideas and develop their technical and personal skills. It will supplement the students to explore their talents beyond the class room learning and keep abreast with upcoming technologies.

## RESEARCH ACTIVITIES

The faculty members of the Department have received research grants from various funding agencies like AICTE, DST, MOD and UGC to carry out their research.

## PLACEMENTS ACTIVITIES

The Department Placement activities are mentored by the University Placement Cell with student members and faculty coordinator from the department. Ample opportunities are provided to the eligible students through the Placement Cell to get better placement in companies/ industries. It conducts workshops, mock interviews and organizes on-campus selection process to facilitate placement in MNCs like IBM, HCL, Wipro, Infosys, TCS, Verizon, HP, ITC, CTS, Honeywell, Accenture, iFlex etc.

## SCHOLARSHIP

Department has been sanctioned with PG scholarship from AICTE through Direct Benefit Transfer (DBT) Scheme for the academic year 2013-14. Therefore, students with eligible GATE scorecard may receive the above mentioned scholarship. The research scholars are also given with fellowship like INSPIRE, UGC-NET/JRF, MNAF etc.

## FACULTY

### Associate Professor

**R. Nakkeeran, Ph.D.** (Pondicherry University, Puducherry)  
*Specialization:* Optical Communication, Wireless Communication, Antennas and Electromagnetics.

### Assistant Professors

**P. Samundiswary, Ph.D.** (Pondicherry University, Puducherry)  
*Specialization:* Wireless Communications and Networks, Wireless Security, Computer Networks and Optical Communication.

**T. Shanmuganatham, Ph.D.** (National Institute of Technology, Tiruchirappalli)

*Specialization:* Antennas, Microwave and Millimeter-wave Engineering, MEMS/NEMS.

**K. Anusudha, M.E.** (Anna University, Chennai)

*Specialization:* Digital Signal and Image Processing, Steganographic Techniques - Digital Watermarking and Forensic Image Analysis.

# CENTRE FOR POLLUTION CONTROL & ENVIRONMENTAL ENGINEERING

School of Engineering & Technology

Established in 1991, this centre has developed a vigorous culture of applied environmental research, teaching, and industrial consultancy. Several dynamic PhDs and MTechs, trained in frontier research areas, in India and abroad, contribute to the pool of manpower expertise of the centre; the laboratories/units manned by them provide the momentum for cutting edge R&D that strives to carve fresh niches and open new vistas. The effort has been peer-recognized in the form of major international and national prizes, election to the fellowship of premier academies/professional bodies, and nomination on the editorial boards of prestigious technical journals. The most recent of the honours include the National Design Award in Environmental Engineering (conferred by the Institution of Engineers), The Young Engineer Award, and the Suman Sharma Award for Outstanding Women Engineer; nomination to the Board of Governors of IITR and other premier institutions, and a succession of best paper awards received for pioneering research in eco-friendly process development.

The centre has thus far published over 250 papers in high impact-factor international journals including Science, Critical Reviews in Environmental Science & Technology, Bioresources Technology, Journal of Hazardous Materials, Biochemical Engineering Journal, Environmental Modeling & Software, Applied Energy, Journal of Cleaner Production, Renewable and Sustainable Energy Reviews, Journal of Loss Prevention in Process industries, Trans IChemE (UK), Trans AIChE (USA), etc. The centre has also been providing expert advice to government departments, industry, and academia across the world.

The Hirsch Index of the centre's publications as per CSI as well as SCOPUS is 31, which is among the highest in the departments dealing with environmental engineering in Asia. Several of the publications have become citation classics in the fields of chemical and environmental engineering.

The centre's efforts in innovative teaching and curriculum development have also resulted in the creation of 39 popular textbooks and reference books, published by Oxford University Press, Prentice-Hall, Orient Longman, Springer, Elsevier, Academic Press, etc. The quality of teaching has been ranked highly by the students and two of the faculty members have been awarded certificates of merit on Teacher's Day

## ● PROGRAMMES OF STUDY

**M.Tech.** Environmental Engineering & Management  
**Integrated M.Tech.-Ph.D.** Environmental Engineering & Management  
**Ph.D.** Environmental Technology

These programmes are distinguished by their emphasis on all-round professional advancement of the students and exposure to the real-life problem environment.

Apart from making the students proficient in the concepts, the techniques, and the tools of applied environmental studies, these programmes also aim to develop their communication and managerial skills. As the centre has, at any given time, several major R&D and industrial consultancy projects striving to solve contemporary environmental problems, the students also acquire a very good exposure to the real-life demands of the profession. As a result the students passing out from the centre have risen fast up the career ladder in academia as well as industry, both in India and abroad.

## INFRASTRUCTURAL FACILITIES

The UGC has specially funded a stand-alone building for the centre. AICTE has instituted a Computer-Aided Environmental Management Unit besides providing special assistance for environmental biotechnology facilities. Numerous R&D projects worth Rs.3 Crores have also added substantial laboratory and field equipment to the centre's infrastructure. The facilities cover: geographical information systems (GIS), environmental monitoring and impact assessment, pollution control (especially with bioprocess engineering), risk assessment, computer aided environmental management, environmental biotechnology, computational fluid dynamics.

## R&D PROJECTS

The centre has consistently attracted substantial R&D funds from major sponsoring agencies. Currently the centre is operating 5 major projects worth Rs 7 million. These are sponsored by DST, DBT, UGC, CSIR and MoWR.

## PLACEMENTS

### FACULTY POSITIONS:

The Centre's Ph.D.s have been taken in faculty positions by highly ranked institutions such as BITS Pilani, IIT Roorkee, The Memorial University of New Foundland, Canada, M.G. University, Kottayam, etc. The Ph.D.s have also taken up leadership positions in IT and chemical industries.

### INDUSTRIAL POSITIONS:

The Centre's M.Tech. and M.Phil. holders find immediate employment in industries including CRL, CPCL, and Hindustan Lever. They have also been preferred by Pollution Control Boards. Several have joined IITs or premier universities in USA/UK for doctoral studies.

### Assessment

## Assistant Professors

**S. Gajalakshmi, Ph.D.** (Pondicherry University)

*Specialization:* Bioprocess Technology, Environmental Biotechnology, Solid Waste Management.

**Tasneem Abbasi, Ph.D.** (Anna University)

*Specialization:* Water & Environmental Engineering, Process Safety, Process Modeling & Simulation.

**S. Sudalai, M.Tech.** (Pondicherry University)

*Specialization:* Environmental Engineering.

## FACULTY

### Professor

**S. A. Abbasi, Ph.D.** (IIT Mumbai) D.Sc. (Cochin University of Science & Technology), FNASc, FIChE, FIE

*Specialization:* Environmental Engineering, EIA and Risk





# MADANJEET SCHOOL OF GREEN ENERGY TECHNOLOGIES

Dean: Prof. K. ANBALAGAN

Centre for Green Energy Technology  
Centre for Nano Science and Technology

India ranks fifth in the world in terms of primary energy consumption, accounting for about 3.5% of the world commercial energy demand in the year 2003. Despite the overall increase in energy demand, per capita energy consumption in India is still very low compared to other developing countries. India is well-endowed with both exhaustible and renewable energy resources. Coal, oil, and natural gas are the three primary commercial energy sources. Coal was by far the largest source of energy. Despite increasing dependency on commercial fuels, a sizeable quantum of energy requirements (40% of total energy requirement), especially in the rural household sector, is met by non-commercial energy sources, which include fuel wood, crop residue, and animal waste, including human and draught animal power. However, other forms of commercial energy of a much higher quality and efficiency are steadily replacing the traditional energy resources being consumed in the rural sector. Resource augmentation and growth in energy supply has not kept pace with increasing demand and, therefore, India continues to face serious energy shortages.

Besides Solar, Wind, Biomass, there are quite a few other eco-friendly and renewable sources from which one can tap energy for varied applications. Some of them are stated below.

- Chemical Sources Of Energy
- Hydrogen Energy
- Geothermal Energy
- Alternate Fuels for Surface Transportation

There is a need to carryout in-depth studies and research in Green Science and Technology at higher education level utilizing the expertise available in India and abroad. Developing Green Energy is the only alternative to meet the challenges of our Future. It is under this context, the Madanjeet School of Green Energy Technologies has been established with two composite units as Centre for Green Energy Studies and Research and Centre for Nano Sciences and technology.

# CENTRE FOR GREEN ENERGY TECHNOLOGY

Madanjeet School Of Green Energy Technologies

The Centre for Green Energy Technology (C-GET) was established in 2010 under the aegis of Madanjeet School of Green Energy Technologies with a vision to promote education and research in environmentally clean methods of energy production, conservation and utilization. The centre offers M. Tech. in Green Energy Technology which is partly supported by South Asia Foundation (SAF). The Ministry of New and Renewable Energy has recognized and approved the centre as a Nodal Centre. Recently, SAF also recognized the centre as Centre of Excellence. The centre also promotes research in the fields of all clean sources of energy production, conversion and utilization like solar photovoltaic, solar thermal, energy storage, fuel cells, bio-fuels, wind energy, ocean energy, chemical energy, applications of nanotechnology for energy conversion, etc. The centre has well trained faculty to teach, offer consultancy and take up research work in many core areas of green energy. The centre is involved in quality assurance testing in all fields of renewable energy. Establishment of MOUs with various alternate energy generating firms specializing in photovoltaic, solar-thermal has taken place. In addition, several MOUs with industries specializing in solar thermal devices and power plant engineering are in pipeline

## ● PROGRAMMES OF STUDY

**M.Tech.** Green Energy Technology  
**Ph.D.** Green Energy Technology  
**P.G.Diploma** Green Energy Technology

## ● ENTRANCE EXAMINATION

**M.Tech.:** Admission of this course is done based on the marks secured in the All India entrance examination conducted by Pondicherry University. The meritorious candidate from the entrance test will be eligible for "SAF-Fellowship". In addition there are limited number MNRE fellowship to the M.Tech candidates upto 15 awarded by clue selection process.

[www.southasiafoundation.org](http://www.southasiafoundation.org)

The entrance test will have 100 Multiple Choice Questions. Out of 100 questions, 20 will be from mathematics and 16 from each of Physics, Chemistry, Materials Science, Engineering and Bio-technology.

**Ph.D.:** 1. Being an interdisciplinary field, the entrance test will have 100 Multiple Choice Questions. The questions will be from Green technology, Mathematics, Physics, Chemistry, Biology and Engineering fields.

2. Five fellowship are awarded by MNRE under NREF scheme to conduct research in the areas of renewable energy technologies as per CSIR/University norms

- Optical Pyranometer for solar irradiation measurement and analysis
- BET surface area analyzer
- Microwave Synthesizer
- C-5000 Bomb calorimeter for fuel characterization and analysis
- Spin coating unit
- Electrolysis unit for H<sub>2</sub> and O<sub>2</sub> production
- PEM fuel cell
- Spray deposition system
- Tubular Diffusion furnace
- High-temperature ovens
- Basic Molecular biology and biochemistry facility
- Ultrasonic bath
- -40o C Freezer
- Photoelectrochemical cell.
- Orsat Apparatus
- Solar thermal gadgets

The center is collaborating with the other departments in the University and nearby institutions for a wide accessibility of instrument and facilities.

## M.TECH PROGRAMME

The major subject areas covered in this program include alternate energy sources - energy generation, distribution, utilization, green nanotechnology, combustion technology, waste to energy, biofuels etc. The course is aimed to train talented students in the area of renewable and clean energy technology and create scientifically and technologically skilled man power. This program is designed for two years spread into four semesters. The course structure is framed with both hard core and softcore courses to substantiate both theoretical and along technical understanding of subjects with handful of experiences. In addition there will be some bridge courses. Most of the first semester courses will be on energy and modeling. In the second and third semester courses will be based on energy, environment, chemistry, management and other GET related fields. Students will select courses suiting background and interest. Each theory course will have a project component which will be either individual or group based.

## THRUST AREAS

The following are the thrust areas of our centre currently focussed.

- Solar Thermal Energy Technology
- Solar Photovoltaic Technology
- Bio-energy Technology
- Energy Material Development
- Energy Conversion and Storage Technology
- Green Combustion Technology

## INFRASTRUCTURE

C-GET establishment is in pipeline with the state of art facilities and infrastructure. Currently, the center possess the following high tech equipment in the laboratory.

- Class AAA 10 x 10 cm<sup>2</sup> Solar Sun simulator with I-V characterization facility.
- Electrochemical workstation with impedance analysis unit for electro-nanofabrication and battery & Supercapacitor characterization

## PH.D., PROGRAMME

CGET offers Ph.D. programme to carry out research and development in the field of Photovoltaics, Energy Materials, Energy Storage, Energy Devices, Fuel Cells, Green Chemistry, Bio Energy, Technology development in the field of Solar Concentrators and other Solar Thermal Devices and Hybrid Clean Energy Systems. Currently, admission to part time (Internal & External) PhD is not entertained in the Centre. Only regular PhD programme is offered.

## RESEARCH PROJECTS ON PIPELINE:

Ministry of New and Renewable Energy (MNRE) and South Asia Foundation (SAF) has been supporting teaching and research activities of the Centre. In addition, individual faculty members have projects that are supported by DST, CSIR and UGC

## PLACEMENTS

M.Tech. Graduates in Green Technology gain employment in emerging clean and renewable energy sector where national and multinational industries are focusing their business activities on alternate energy production and usage. Centre has created a placement cell to enable students for getting better placement.

## FACULTY

### Associate Professors

**Periyasamy Thilakan, Ph.D.** (Anna University, Chennai)

*Specialization:* Semiconductor epitaxial growth of nanostructures and devices such as solar cells, LED, LASER, SET, SPE, device processing SPV module, power plant design and installation., Nanomaterials, nanostructures and device processing, MOCVD, MBE, PECVD and Mesoporous TiO<sub>2</sub> super molecular nanocrystallites.

**B. M. Jaffar Ali, Ph.D.** (IISc, Bangalore)

*Specialization:* Biofuels, Biophotonics and Biosensors.

**P. Elumalai, Ph.D.** (IISc, Bangalore)

*Specialization:* Energy Conversion, Storage and Sensors: Lithium-ion batteries, Super capacitors, Fuel cell catalysts and Automotive-Exhausts Sensors.

### Assistant Professors:

**R. Arun Prasath, Ph.D.** (Anna University, Chennai)

*Specialization:* Polymeric materials, Hybrid materials, Biomaterials, Green nanomaterials and Sustainable materials for applications that include: solar energy, bio-energy, fuel cells, sensors and sustainable development.

**Prasanth Ravindran, Ph.D.**

(Eindhoven University of Technology, Netherlands)

*Specialization:* Nanophotovoltaics.

**A. Sreekumar, Ph.D.**

(Cochin University of Science and Technology, Kochi)

*Specialization:* Solar thermal energy conversion and energy storage

# CENTRE FOR NANOSCIENCE AND TECHNOLOGY

Madanjeet School Of Green Energy Technologies

The Centre for Nanoscience and Technology has been established in the year 2010. This Centre offers 2 years M.Tech. (Nanoscience and Technology), M.Tech Integrated Ph.D and Full-Time Ph.D. programs. The Centre for Nanoscience and Technology has six faculty members (Three Readers and Three Assistant Professors) and the Centre has started to function with the admission of First year M.Tech. students during the Academic year 2010-2011. During the academic year 2012-2013, two programs have been initiated namely M.Tech Integrated Ph.D and Full-Time Ph.D. programs. Nine students were admitted for Integrated Ph.D program and 21 students were admitted for Full-Time Ph.D program. All the faculty members possess a high research profile with the ability to conduct research in the forefront areas of Nanoscience and Technology. The research work of faculty members is supported by the various premier National funding agencies such as DST, CSIR, UGC, UGC-DAE, DRDO and AICTE.

## PROGRAMMES OF STUDY

**M.Tech.** Nanoscience and Technology

**Ph.D.** Nanoscience and Technology

## ENTRANCE EXAMINATION

**M.Tech.:** The selection is based on the entrance test conducted by Pondicherry University and the question paper consists of 100 Multiple Choice Questions, covering the basic Science (Mathematics/Physics/Chemistry/ Materials Science /Biotechnology) at undergraduate level.

**Ph.D.:** The selection is based on the entrance examination and interview. The question paper consists of 100 Multiple Choice Questions, covering the subject areas of Mathematics/Physics/Chemistry/Materials Science and Engineering/Biotechnology at graduate and post graduate level. The candidates, who are getting fellowships such as JRF/SRF etc. from the national funding agencies, are exempted from taking the written examination.

## INFRASTRUCTURE FACILITIES

The Centre has excellent working culture and facilities to carry out research in forefront areas of Nanoscience and Technology. The University has funded Rs. 5 Crores for the development of infrastructure facilities of the Centre. Research facilities include Synthesis and characterization of Nanomaterials, High Speed Computer Cluster for Modeling and Simulation, X-Ray Diffractometer, Nanoindenter, Electrochemical workstation, E-beam and thermal coating unit, UV-Visible Spectrometer, Spectrofluorometer, Ultrasonic-Homogenizer, High Speed Centrifuge System, MilliQuest (Millipore) water purifier, Precision Spin & Dip coater, High Temperature Tubular and Muffle Furnaces, LCZ meter. Additional characterization facilities can also be availed from Central Instrumentation Facility (CIF) at Pondicherry University.

## ONGOING RESEARCH PROJECTS

Faculty research is supported by various funding agencies worth of more than Rs. 4 Crores from, DST, CSIR, UGC, DAE, DRDO and AICTE, Govt. of India. In addition, the University have also funded 5 Crores as a special grant for the development of the Centre.

## FACULTY

### Professor

**N. Satyanarayana, Ph.D.** (Indian Institute of Technology Madras, Chennai)

*Specialization:* Nano-Crystalline and Nano-Composite Electrolyte and Electrode Materials for Batteries, Sensors and Fuel Cells applications, Solid state-ionics.

### Associate Professor

**A. Vadivel Murugan, Ph.D.** (University of Pune & National Chemical Laboratory, NCL Pune)

*Specialization:* Chemistry of Materials, Novel Synthesis, Structure- Properties- Performance Relationship of Nano-structured Functional Materials for Clean Energy Conversion & Storage, Conducting Polymer based Organic-Inorganic Nanohybrids, Flexible Organic Electronics, Dye sensitized and Thin Film Solar Cells, Lithium-ion Batteries, Supercapacitors, Fuel Cells and Nano-biotechnology.

**A. Subramania, Ph.D.** (Central Electrochemical Research Institute and Alagappa University, Karaikudi)

*Specialization:* One dimensional nanostructure functional ceramic, polymeric, carbon based materials development and Nanofibrous polymer electrolyte membrane by electrospinning technique for Advanced Lithium/Sodium-ion Batteries, Supercapacitors, Solid oxide fuel cells, Dye sensitized solar cells and Gas sensors, Electrodeposition of Metal and Metal matrix nanocomposite coatings by pulse current technique for hi-tech engineering applications.

**A. Kasi Viswanath, Ph.D.** (Indian Institute of Technology Madras, Chennai)

*Specialization:* Synthesis of Nanomaterials and characterization. Nanosecond, pico second and femto second laser spectroscopy, quantum confinement, semi conductor nanostructures, conducting polymers, LED materials, Electron paramagnetic resonance.

### Assistant Professors

**K. Suresh Babu, Ph.D.** (Indian Institute of Technology Madras, Chennai)

*Specialization:* Materials for fuel cells, Catalysis and high temperature oxidation protection, Multifunctional nanostructures for imaging & therapy, Ion Beam assisted material processing, Surface Engineering.

**P. Thangadurai, Ph.D.** (University of Madras, Chennai)

*Specialization:* Nanostructures of Semiconducting & Ceramic Oxides, Ionic conductors, High k-materials, Metal ceramic composites, Transmission electron microscopy of bulk & nanostructured materials, MOS Devices.

**S. Kannan, Ph.D.** (University of Madras, Chennai)

*Specialization:* Synthesis, Structural Characterization and in vitro evaluation of Biomaterials, Ceramic/metal nanocomposites, Fabrication of scaffolds for tissue engineering applications.



# SCHOOL OF LAW

Dean: Prof.(Mrs.) Chandra Krishnamurthy

The School of Law focuses on quality teaching and research in law through the On-Campus Master of Laws (LLM) programme commenced from 2014 – 2015 academic year. At present, two specializations viz. 1. Corporate and Commercial Laws and 2. Intellectual Property Rights are being offered.

## INFRA STRUCTURE:

The School of Law is housed in the spacious DDE building on the second floor. The School has necessary infrastructure to facilitate the teaching learning activities.

### ● PROGRAMMES OF STUDY

Ph.D (Law)  
LLM (Corporate and Securities Laws)  
LLM (Intellectual Property Laws)  
LLM (International Commercial Laws) (Proposed)

## SELECTION PROCESS

### LLM:

The selection will be based on the National Admissions Test followed by Group Discussion, Presentation and Personal Interview as per the UGC Regulations. The National Admission Test of 100 marks shall have the following components and marks distribution:

S.No	Component	Weightage	Remarks
1.	Written test; objective type ONLY.	70%	100 questions without choice to be answered in 2 hours. Each question carries 4 marks when answered correctly. Deduction of 1 mark for each wrongly answered question is applicable.
2.	Statement of Purpose (SoP)	10%	In not more than 500 words in candidates own hand writing – written in English only – shall be sent in hard copy to the Coordinator. Candidates are required to quote the details of online application without fail.
3.	Publications, if any	10%	Self attested photocopies of relevant proof shall be attached along with the SoP.
4.	Work experience, if any	10%	

Based on the marks in the admission test candidates will be shortlisted for the Group Discussion, Presentation and Personal Interview which will be held in Puducherry in the month of June. For preparing the final merit list, marks obtained in the National Admission Test shall be given 70% weightage and remaining 30% weightage is equally distributed to Group Discussion (10% weightage), Presentation (10% weightage) and Personal Interview (10% weightage).

The questions of written test will be from Jurisprudence & Legal Theory, Constitutional Law, Law of Contracts including Special Contracts, Property Law and Corporate Laws at LLB level. In addition, the candidate's aptitude for teaching/research and legal reasoning & comprehension skills shall also be tested.

## ABOUT THE LLM PROGRAMME IN SOL

LLM programme is of one year duration divided into 3 trimesters. The students shall undergo rigorous training in three compulsory and six optional courses. They are required to write a dissertation in the third trimester, which shall be of publishable quality. In addition, the candidates shall intern for at least 6 weeks during the course of the study. Candidates seeking admission to LLM, if enrolled as advocate, are required to suspend their enrollment during the course of the study. The school follows Choice Based Credit System. In addition to the regular courses, the School also offers single credit optional courses on specialised areas of study relevant to one's specialisation. Students may visit the University website for more information and updates.

## SCHOOL LIBRARY

The school is developing a well stocked Law Library with Text & Reference Books, Law Reports/Reviews/Journals including the Back Volumes. As on 30.04.2015, law library collection comprises of about 2000 documents. It has about 15 computers with WiFi facilities in ebrary (e-Library).

## FACULTY

**Prof. (Mrs.) Chandra Krishnamurthy, Ph.D.**

(University of Mumbai, Mumbai)

*Specialization:* Jurisprudence & Legal Theory and Constitutional Law

**M L Shankar Kaarmukilan (Mukil), LLM**

(NUJS, Kolkata), UGC-NET in Law

*Specialization:* Corporate & Commercial Laws

## VISITING FACULTY

**Brigadier (Retd) Ashok Kumar Joshi,**

Senior Consultant,  
Fox Mandal Little, Bengaluru

**Prof. Shiju M.V., LLM (CUSAT , Kochi), M.Phil. (JNU, New Delhi)** Lecturer, TERI University, New Delhi.

*Specialization:* Environmental Law, Regulatory and Competition Law, and Infrastructural Law.

**S. Badrinath, LLM (NUJS , Kolkata), UGC-NET in Law**

Executive (Legal), BHEL, Ranipet, Tamil Nadu

**A.K. Rajaraman, LLM (Intellectual Property Rights) (CUSAT , Kochi)**

Advocate, High Court of Madras, Chennai.

**Madhavi Nalluri, LLM (Commercial Laws) (The University of Cambridge).**

Advocate, High Court of Madras, Chennai.

**Vaneeta Patnaik, LLM (Utkal), Ph.D (Law) (Max Plank)**

Lecturer, National University of Juridical Sciences,  
Kolkata.

## EMINENT VISITORS AND PROFESSORS WHO DELIVERED SPECIAL LECTURES IN 2014-2015 ACADEMIC YEAR(INCLUSIVE LIST):

**Justice (Retd.) David Annousamy,**

Judge (Retd.), High Court of Madras, Chennai

**Padma Shri Prof N R Madhava Menon,**

IBA-CLE Chair Professor, NLSIU, Bengaluru

**Prof N L Mitra**

Senior Partner, Fox Mandal Little, Bengaluru and Former Vice Chancellor, NLSIU, Bengaluru and NLU, Jodhpur

**Prof A Lakshminath**

Chancellor, DSNLU, Vizag and

Vice Chancellor, CNLU, Patna

## CONTACT US

School of Law,

2nd Floor DDE Building,

Pondicherry University,

R.V. Nagar, Kalapet,

Puducherry – 605 014.

Email : head.sol@pondiuni.edu.in

Phone No : (+91) (0) 413 – 2654 911

## ADD ON COURSES

(Evening Programmes)

The University is offering 19 PG Diploma programmes providing them add-on options in relevant disciplines. For example, a student of 'Master in Social Work' can now possess an additional P.G. Diploma in Industrial Psychology which will add value to his employability. Similarly any student in Bio-sciences will now have an option to add a P.G. Diploma in Bio-Technology which is currently in great demand.

7 Certificate courses in foreign languages are also being offered to facilitate the global job options of our students. To enable the large number of students from other states studying in the campus, to possess a functional knowledge of Tamil, a specially designed certificate course in Tamil is also being offered.

All the add-on courses are also made open to the local population of Puducherry enhancing their access to higher education.

### Course Coordinator for the PG Diploma Courses

P.G. Diploma Course	Name of the Coordinator
Functional Hindi & Translation	Dr. Padmapriya
Journalism and Mass Communication	Dr. V. Niveditha
Library Automation & Networking	Dr. Mangkhollen Singson
Industrial Psychology	Dr. V. Rangaiah
Planning and Evaluation	Dr. P. Muthiyan
Biotechnology	Dr. B. Sudhakar
Health Fitness and Life Style Management	Dr. D. Sakthignanavel
Investment Management	Dr. P Natarajan
Rural Development	Dr. G. Ramathirtham
Statistical & Research Methods	Dr. P. Tirupathi Rao
Human Rights	Dr. B. Krishnamurthy
Industrial Relations & Labour Law	Dr. A. Shahin Sultana
Teaching Skills	Dr. M. Balamurugan
Computer Applications	Shri K. Vijayanand
Theatre Arts	Dr. Saravanan Velu
Event Management	Dr. Y. Venkata Rao
Professional Communication in English	Dr. Binu Zachariah
Foreign Trade	Dr. P. Sridharan
Manuscriptology & Paleography	Dr. C. S. Radhakrishnan

### Course Coordinator for the Advanced Certificate Course

Advanced Certificate Course	Name of the Coordinator
Advanced Analytical Techniques	Prof. S. Balakrishnan



Course Coordinator for the Certificate Courses	
Course	Name of the Coordinator
Tamil	Dr. M. Jeeva, Associate Professor
French, Japanese, Spanish, German, Arabic.	Dr. B. Krishnamurthy

Admission Requirements		
Sl. No.	Name of the Course	Eligibility Criteria for admission
1.	Functional Hindi & Translation	Any degree in Hindi with a minimum of 45 % of marks <b>or</b> Any degree with Hindi as a subject of study under part I or II <b>or</b> Any degree with Rastrabhasha Praveen degree obtained from Dakshin Bharat Hindi Prachar Sabha.
2.	Journalism and Mass Communication	UG/PG degree with a minimum of 45% of marks.
3	Library Automation & Networking	UG degree with a minimum of 50% of marks.
4	Industrial Psychology	UG/PG degree with a minimum of 45% of marks.
5	Planning and Evaluation	
6	Health Fitness and Life Style Management	
7	Investment Management	
8	Rural Development	
9	Statistical & Research Methods	
10	Human Rights	
11	Industrial Relations & Labour Law	
12	Teaching Skills	
13	Theatre Arts	
14	Event Management	
15	Professional Communication in English	
16	Foreign Trade	
17	Computer Applications	Bachelor's degree with minimum of 45% marks with Computer Science/ Mathematics/ Statistics/ Business Mathematics as one of the subjects of study or an examination accepted as equivalent thereto.
18	Biotechnology	Degree in any branch of Biological Sciences with a minimum of 45% of marks.
19	Advanced Analytical Techniques	M.Sc./ B.E./B.Tech. in any subject except Computer Science/ Mathematics/ Statistics, with a minimum of 45% of marks.
20	Manuscriptology & Paleography	Any Degree with Part - I Language Sanskrit

**NOTE:**

- For SC/ST candidates, mere pass in the qualifying examination will be sufficient.
- Candidates studying in the fourth year/ fifth year of Five Year Integrated Courses of the University are also eligible to study these courses.

Eligibility		
Sl. No.	Name of the Course	Eligibility Criteria for admission
1	Tamil	A pass in the Higher Secondary Examination or its equivalent.
2	Japanese	
3	French	
4	Spanish	
5	German	
6	Arabic	

**MINIMUM DURATION OF THE COURSE:**

Two Semesters (One Year) (for both Diploma & Certificate Courses)

**MAXIMUM DURATION TO COMPLETE THE COURSE:**

Four Semesters (Two Years) (for both Diploma & Certificate Courses)

**FEES:**

**FOR INDIAN STUDENTS:**

	Admission	Tuition fees	Library	Account Number
For university students & employees:	Rs.200	Rs.1,200 (p.s)	---	
For others:	Rs.500	Rs.2,500 (p.s)	Rs.1000*	861201979

\* Optional for the others who desire to use the university library (for reference only).  
A separate Library Card shall be issued in such cases.

**FOR FOREIGN STUDENTS:**

150 US Dollars per semester.

**EXAMINATION FEES:**

Rs.300/- per semester for Diploma courses and  
Rs.250/- per semester for Certificate Courses.

**SELECTION**

Admission will be based on the marks secured in the qualifying degree.

**TIMINGS**

DIPLOMA :

2 hours a day for five days from 5.30 PM to 7.30 PM

CERTIFICATE :

2 hours a day for four days preferably from 5.30 PM to 7.30 PM  
Saturdays and Sundays may be utilized at the discretion of the concerned Department.

**ATTENDANCE**

A Minimum of 70% of attendance is required for writing the examination.

**EXAMINATION PATTERN**

Examination will be conducted as per CBCS system except that the association of external examiner will not be a mandatory requirement. The evaluation will be on absolute mark Systems. The Passing minimum shall be decided by the respective Board of Studies; however, it will not be less than 40%.

**PROGRAMME COMMITTEE**

Each course shall have a coordinator as identified by the department / school conducting the course and there shall be an exclusive programme committee for monitoring the progress of the candidates studying the courses.

## PLACEMENT CELL

- One of the main responsibilities of the Placement Cell is to motivate, train and prepare the students of the University and its affiliated Colleges for campus interviews.
- It plays a very important and key role in counseling and guiding the students of the University and its affiliated Colleges for their successful career placement which is crucial interface for the students between the stages of completion of academic programme of studies and entry into suitable employment.

### Major activities of the Placement Cell:

- Organising On and Off Campus Interviews
- Organising training programmes like Personality Development Programmes, Mock Aptitude Tests, Group Discussion training, Mock Interviews etc.,
- Enabling Industry Institute Interaction
- Co-ordinating Industrial Visits
- Co-ordinating Project Placement for the Students
- Supporting Technical Seminars / Conferences / Workshops organized by various Departments
- Organising Student workshops with major corporate
- Organising faculty development programmes collaborating with companies
- Facilitating Industry Institute Interactions through inviting experts for lectures, members of project and laboratory evaluation panels, members of selection committees etc.,
- Inviting Industries for possible collaborations with Pondicherry University

### PLACEMENTS @ PU – (Since the Academic Year 2006-2007 till date):

Number of Interviews Organized : 355++  
Number of students placed : 4920+

### Companies recruited PU students:

Reserve Bank of India, Cognizant, Accenture, HCL, Wipro, Patni Computers, TCS, Infosys, Satyam, HP, GE Health Care, Keane, L&T Infotech, IDBI, HSBC, Standard Chartered, Kotak Securities, Honeywell, Hindustan Zinc, Reliance, ICICI Bank, LVB, Syntel, Polaris, Cox & Kings, Hi Tours, Berger Paints, High Design, Royal Bank of Scotland, Bank of America etc.,

### RECRUITERS CAN CONTACT:

**S.K.V. Jayakumar, Ph.D.**  
Placement Co-ordinator  
Email: skvje@csc@pondiuni.edu.in, skvje@gmail.com  
Placement Cell / Student Services Centre  
Pondicherry Central University  
R.V. Nagar, Kalapet  
Puducherry - 605014

## STUDENTS WELFARE WING

The University has established a Students Welfare Wing to cater to the welfare of the students of the University Department

### Dean

**K. Jeevaratnam, Ph.D.**  
Professor  
Department of Bio Chemistry and Molecular Biology  
Pondicherry University

### Assistant Dean

**B. Charumathi, Ph.D.**  
Associate Professor  
Department of Management Studies  
Pondicherry University

# THE DIRECTORATE OF PHYSICAL EDUCATION AND SPORTS

## ABOUT SPORTS ACTIVITIES IN PONDICHERRY UNIVERSITY

This Central University is growing in the field of sports and games and extends facilities to students and staff members. All the sports activities are conducted under the supervision of the University Sports Board with Vice Chancellor as Chairperson. The Directorate of Physical Education and Sports has been organizing various sports and games activities every year for the students of Pondicherry University and Affiliated Colleges including All India Inter-University Tournaments. Every day the Students and Staff members can use all the facilities available in the campus.

## SPORTS ACTIVITIES

- To organize South Zone and All India Inter-University Tournaments in the recognized Games and Sports.
- University player's participation in the All India and South Zone Inter-Universities Tournament organized by various University in all over India, affiliated to Association of Indian University, New Delhi.
- Organizing National Level Pondicherry University Silver Jubilee Rolling Trophy
- Celebrating national sports day on 29th august.
- Celebrating teachers day on 5th september
- Meeting of directors/directresses of physical education of affiliated colleges
- Meeting of pondicherry university sports board
- Organizing around 40 events (games&sports) in inter collegiate tournaments (men & women) for the students of 90 affiliated colleges and university campus
- Organizing unisportfest (inter-departmental sports meet) for the pondicherry campus students.
- Organizing unisportfest (inter-departmental sports meet) for the karaikal campus students
- Organizing sports meet for the pondicherry campus staff(teaching & non-teaching)
- Workshop/Seminar/Coaching camps/ Fitness Programs, Aerobics, Karate etc.,

## AIMS AND OBJECTIVES OF THE DIRECTORATE OF SPORTS

- To develop sportsmanship and healthy competitions among students.
- To encourage healthy lifestyle through participation in sports.
- To develop skills and techniques in a range of sporting activities.
- To develop understanding through sport.
- Promoting sport as a bearer of cultural identity and for the total personality
- Encouraging the broadest possible participation in sports

## SPORTS FACILITIES IN THE CAMPUS

All the play fields are facilitated with sitting galleries

- Rajiv gandhi cricket stadium -gross play field with turf wickets.

- Thiruvalluvar sports stadium – 400m cinder track & field & multi purpose
- Multi-sports complex for tennis, basketball & volleyball play courts
- Multi-gym for men and women separately(fitness centre)
- Power lifting, weight lifting & body building (training lab)
- Football play fields – 3
- Hockey play fields – 3
- Volleyball courts – 5
- Tennis courts – 2
- Kabaddi courts – 2
- Kho-kho courts - 2
- Handball court – 2
- Basketball courts – 3
- Cricket play fields -3
- Cricket nets- 2
- Ball-badminton courts – 2
- Badminton courts – 4(outdoor)
- Indoor hall -table tennis, chess & carom.
- Indoor hall-table tennis, chess & carom in all hostels

## TEAM MEMBERS OF DIRECTORATE OF PHYSICAL EDUCATION AND SPORTS

1. Dr. D. Sultana - Director [i/c], Physical Education and Sports
2. Dr. G. Sivaraman - Assistant Director
3. Dr. K.Chandrasekaran - Assistant Director

## UGC-ACADEMIC STAFF COLLEGE



The UGC - Academic Staff College, Pondicherry University which was established in 1987, has organized 110 orientation courses, 283 refresher courses, 15 short-term programmes, summer schools, interaction programme for PhD scholars, Workshop for social science and science research guides and students, and 56 special programmes/workshops related to college principles, Academic Administrators. Till date and has imparted training for about 27,150 college teachers. In Addition to that 975 college teachers were given training on “Information and Communication Technology and Computer Applications” (ICT), Green Technology & Knowledge Management.

The Academic Staff College of Pondicherry University, situated at the Pondicherry University campus. **Recently the University constructed a beautiful Academic Staff College building to the tune of Rs. 6.84 crores.** It is one of those ASC's, which houses all its academic and administrative facilities / activities under one roof thereby providing the aspiring participants, an avenue, for their academic excellence. The ASC building self contained with all amenities required for ideal training of Teacher-Class room and residential accommodation together, library, canteen and administrative accommodation.

The ASC has four spacious classrooms with excellent cross ventilation with a seating capacity of 40-50 participants. The ASC high-tech class rooms is more useful for participants.

The Vision of ASC Pondicherry University under the dynamic Leadership of Madam Prof. (Mrs.) Chandra Krishnamurthy. To be a world class Academic Staff College and a change agent through excellence in learning process and quality in higher education and research with competency and collaborative orientation to serve the local, national and global community.

# PONDICHERRY UNIVERSITY COMMUNITY COLLEGE

**Pondicherry University Community College** - first of its kind in the Indian University system - formally inaugurated on 16th October 1995, the day of decennial celebrations of Pondicherry University by **Dr. A.S. Desai**, Chairperson of University Grants Commission. The College is recognized by UGC and acts under the general, academic and administrative supervision of Pondicherry.

## VISION:

To reach out to the unreached and offer them the best possible education, which is need oriented and value based, and skill training to become the promising workforce of tomorrow.

## OBJECTIVES:

The Pondicherry University Community College aims to generate professionally skilled manpower to bridge the gap between the demand and supply of quality workforce. The educational pedagogy is so designed to have added emphasis on hands-on-training, field exposure, multiskill training and also to have unique opportunity to acquire **learning experience in US Community Colleges, availing the Fulbright Scholarship for one year study abroad program at undergraduate level.**

The latest innovation of the Community College is the introduction of **Bachelor of Vocational Courses** in line with the NVEQF model of MHRD, with provision for vertical mobility and lateral exit and reentry. There is an overwhelming response from the students for these vocational Degree programs. The unique features of the courses include **in-built clinical training in established hospitals of Government and Private sectors (for paramedical courses) and job training and field placement in industry and business sectors (for other vocational courses).**

With these remarkable innovations, the Pondicherry University Community College is thriving to bring in a systematic transformation in Higher Education, **i.e. Vocationalisation of Higher Education.**

## MISSION:

'Capacity building' in youth with special reference to the underprivileged sections of the community including women, for 'social transformation' through a comprehensive educational model which fosters intellectual enlightenment, vocational and life skill development, social commitment, emotional balance and moral upright, so as to ensure a better quality of life.

## PROGRAMMES OF STUDY

### UNDER GRADUATE PROGRAMS(DURATION:3 YEARS)

#### U.G. DEGREE PROGRAMME

1. BCA
2. B.Sc BIOCHEMISTRY
3. B.Sc VISUAL COMMUNICATION
4. B.B.M
5. B.P.Ed

### UNDER GRADUATE PROGRAMS(DURATION:3YEARS)

#### VOCATIONAL STREAM

#### PARAMEDICAL COURSES

6. B.Voc. in Radiology & Imaging Technology
7. B.Voc. in Cardiac Lab Technology
8. B.Voc. in Optometry Technology
9. B. Voc. in Operation Theatre Technology
10. B. Voc. in Renal Dialysis Technology

#### COMPUTER SCIENCE COURSES

11. B. Voc. in Software Development

#### MANAGEMENT COURSES

12. B. Voc. in Retail
13. B. Voc. in Tourism & Service Industry

### DIPLOMA PROGRAMS (DURATION: 1YEAR)

#### VISUAL COMMUNICATION COURSES

14. D. Voc. in Photography & Videography
15. D. Voc. in 2 & 3 D Animation
16. D. Voc. in Video Production

### POST GRADUATE DIPLOMA PROGRAMS (DURATION: 1YEAR)

17. PG Diploma in hospital management
18. PG Diploma in Nutrition and Dietetics
19. PG Diploma in Yoga Education
20. PG Diploma in Computer Application

### DIPLOMA PROGRAMS (DURATION: 1YEAR)

21. Diploma in Accounting & Taxation
22. Diploma in Electro Cadiographic Techniques
23. Diploma in Sanitary Inspector
24. Diploma in Physician Assistance
25. Diploma in Certified Radiological Assistant
26. Diploma in Hospital Management & Administration
27. Diploma in Operation Theatre Techniques
28. Diploma in Medical Record & Administration
29. Diploma in Medical Lab Technology (2 Years)
30. Diploma in Mutli Purpose Health Worker - Female

● PROGRAMMES OF STUDY

31. Diploma in Early Childhood Care & Education
32. Diploma in Pre-School Education
33. Diploma in Office Management & Secretarial Practice
34. Diploma in Accounting, Auditing & Taxation
35. Diploma in Insurance Management
36. Diploma in Sales Management
37. Diploma in Information Technology
38. Diploma in Graphics & Animation
39. Diploma in Computer Graphics & Web Technology
40. Diploma in Hardware management
41. Diploma in Tourism & Ticketing
42. Diploma in Video Production
43. Diploma in Physical Education
44. Diploma in Document Writing

**CERTIFICATE PROGRAMS (DURATION: 6MONTHS)**

45. Certificate in Diabetic Care and Management
46. Certificate in Central Sterile Supply & Hospital waste Management
47. Certificate in Medical Lab Technology (1 Year)
48. Certificate in Adolescent Health & Counselling
49. Certificate in Care of Special Children - Mentally Challenged
50. Certificate in Food Safety & Quality Management
51. Certificate in Yoga
52. Certificate in Yoga for Silver Citizen
53. Certificate in Event Management
54. Certificate in Desktop Publishing
55. Certificate in Tally
56. Certificate in Data Entry & Processing
57. Certificate in Tourism & Tour Guide
58. Certificate in Radio Jockey & Reporting
59. Certificate in Reporting & News Casting
61. Certificate in Photography & Videography
62. Certificate in Spoken English



## KARAIKAL CAMPUS

The Karaikal campus of Pondicherry University was formally inaugurated on 12th October, 2007 with admissions made to three courses M.B.A.,(Insurance Management), M.C.A., M.Com. At present, four Post Graduate courses are offered at the campus with the starting of M.Sc (Computer Science) from the academic year 2013-14. The Centre has moved to its own campus during June, 2012 in the heart of Karaikal town. During the academic year 2009-10, sixteen teaching staff were appointed on regular basis and the Centre started offering doctoral programmes also since then onwards. Presently, an administrative block is occupied and a second academic block is under construction. The centre has two hostels for Boys and one hostel for girls. Transport facility for movement of the girls and day students is arranged by the University and the boys reside in hostels at a walkable distance. The campus has its own guest rooms at affordable rates to accommodate parents, executives and examiners who visit the campus. The campus has plans to start ten new courses including Science courses soon and is ready to start a course on MBA (Consultancy Management).

### DEVELOPMENT OF INFRASTRUCTURE

Two new computer programming laboratories were setup in addition to the existing internet lab making the number of systems for use of students to 100 from the current academic year. Approach road to the campus was laid and street lights in the inner roads were erected. Around 350 plant saplings were voluntarily planted for promoting a green campus. Landscaping and horticulture work in the campus are in progress. The campus has high tension electricity connection with a backup generator.

### CO-CURRICULAR AND EXTRACURRICULAR ACTIVITIES

Teachers Day Celebrations, Freshers' Day, Women's Day, Sports Meet, UNISPOFEST, Hindi Cell Competitions, Student Elections and various training programmes conducted by APITCO, ITCOT, NSDC, All India Radio- SVEEP, Blood Donation Camp, Literary and Cultural competitions are being conducted every year.

### SPORTS ACTIVITIES AND ACHIEVEMENTS

The campus conducts an interdepartmental Sports Meet UNISPOFEST every year and the students from Karaikal Campus have been regularly participating in the intercollegiate Cricket tournaments held at Pondicherry campus.

### PROGRAMMES OF STUDY

#### DEPARTMENT OF MANAGEMENT STUDIES

1. MBA (Insurance Management)
2. Ph.D (Management)
3. MBA (Consultancy Management)\*

#### DEPARTMENT OF COMMERCE

1. M.Com (Business Finance)
2. Ph.D Commerce

#### DEPARTMENT OF COMPUTER SCIENCE

1. M.Sc. (Computer Science)
2. M.C.A
3. Ph.D Computer Science

1. M.Sc. (Clinical Psychology)\*
2. P.G Diploma (Educational Psychology)\*

\* Subject to the approval of Authorities .



# DEPARTMENT OF MANAGEMENT

School of Management

The Department of Management, offering a sectoral M.B.A. programme in Insurance Management, was started at Karaikal Campus in the academic year 2009-10 with an objective of promoting specialized Management education in the high growth insurance service sector.

The department is committed to the development of youth as managers and capable citizens for occupying key positions in the corporate organizations in India and abroad specifically in the insured, insuring and insurance verticals in the consultancy field. With a commitment to the promotion of knowledge and development of youth, the department pursues the following goals:

- To establish a centre of knowledge creation in the insurance field and dissemination with the active involvement of students, teachers, researchers, consultants and corporate managers.
- To design and offer programmes for youth to become competent managers as well as entrepreneurs in the field of their choice.
- To promote research and disseminate knowledge in the insurance industry through research programmes, seminars, workshops, etc.
- To strengthen industry-institute interface through association, consultancy and participation in skill development programmes.

The Department of Management has a sanctioned strength of 40 seats for the Academic Year 2015-16. Its Alumni hold high and coveted positions in both public and private sector organisations in various sectors.

## ● PROGRAMMES OF STUDY

M.B.A. (Insurance Management)  
Ph.D. Management

## ● ENTRANCE EXAMINATION

The Entrance Examination for all 5 Management Programmes namely Management Studies, Tourism Studies, International Business, Banking Technology and Management(Karaikal) is common and similar to the pattern of CAT/GMAT. The student desirous of applying for more than one programme have to apply separately for each of the Programme. The selection will be done by the University as per the norms of merit and statutory regulations.

Ph.D. in Management: Admission is based on an All India level Entrance Examination conducted by the Pondicherry University. The Entrance Test consists of 100 Multiple Choice Questions from all the subjects at general MBA level.

## THRUST AREAS OF RESEARCH

1. Marketing
2. Finance
3. Human Resources Management
4. Operations & Supply Chain Management
5. Management Information Systems
6. Insurance management

The Department has an excellent research output in terms of Ph.D. submissions, research publications, getting research grants from UGC and ICSSR and in getting Post-Doctoral Fellowships abroad. The faculty members of the Department have published research articles in internationally reputed journals from Emerald Insight, Inderscience, Sage Publications, etc., in various functional disciplines of management.

## HIGHLIGHTS OF THE CURRICULUM

The course curriculum of MBA Insurance Management consists of various sub-disciplines of insurance including Life Insurance, General Insurance, Marine Insurance, Fire Insurance, Motor Insurance, Risk Management and Insurance, Business interruption Insurance, Health Insurance, Actuarial Science, etc. In addition to these courses, functional management courses like marketing, finance and HRM are also being offered. Also, to facilitate the students to get placements in banking sector one paper on Bank and Risk Management is included. The course curriculum contains computer labs and soft skill and personality development too. Further, the Department encourages and facilitates students to appear for the professional certificate examinations related to insurance sector conducted by Insurance Regulatory Development Authority (IRDA), Insurance Institute of India (III), Chartered Insurance Institute (CII, UK), Life Office Management Association (LOMA, USA), Life Insurance Marketing and Research Association (LIMRA, USA), etc., which makes the student a hot cake in the insurance industry during campus placements itself.

## INFRASTRUCTURE FACILITIES

- Well equipped library with good number of books and journals related to various disciplines of management and insurance.
- Centralized computer lab with internet facility.
- Remote accessing facility of all library resources from Ananda Rangapillai Library of Pondicherry University main campus.
- State-of-the art conference hall with Video-conferencing facility.
- Separate hostels for boys, girls and research scholars.
- Free transportation facility from hostels to campus.

## PLACEMENTS

The sectoral MBA programme in Insurance Management, with a career focused curriculum fulfilling the industry requirements has been enticing the employers in insurance sector and insurance verticals of consultancy companies as well. The Department has been achieving 100% placements every year in different life insurance, general insurance, consultancy firms, banks and insurance broking firms. Some of the prominent companies in the insurance industry where the students are placed so far with an attractive pay package include, TATA AIG general Insurance, IFFCO-TOKIO general Insurance, Max New York Life, Bharti AXA, ICICI Lombard, Birla Sun Life, Bajaj Allianz, Royal Sundaram General Insurance, Cholamandalam MS General, Total Insurance Solutions, Willis Insurance Brokers, Zeal Insurance Brokers, AON Global, etc.

## ALUMNI ASSOCIATION

Department has formalised an Alumni Association in which all the students are life members with elected office bearers. Alumni Meet will be organised in the month of December, every year. The alumni placed in the industry, who moved out from the first three batches, are a strong network for placing the existing students in projects and permanent careers. Association is planning to create an Endowment Fund to assist the poor students studying MBA insurance management course.

## FACULTY

### Professor

#### **Lalitha Ramakrishnan, Ph.D.**

(Sri Venkateswara University, Tirupati)

Specialization: Marketing Management, Strategic Management, Gender issues in Business.

### Associate Professors

#### **S. A. Senthil Kumar, Ph.D.**

(Bharathiar University, Coimbatore)

Specialization: Insurance Management, Human Resource Management, Services Marketing and Operations Research.

#### **M. Dharmalingam, Ph.D.**

(University of Madras, Chennai)

Specialization: Quantitative Finance, Actuarial Science, Econometrics, Supply Chain Management, Data Mining and Customer Relationship Management.

### Assistant Professors

#### **D.H. Malini, Ph.D.**

(Sri Krishnadevaraya University, Anantapur)

Specialization: Marketing Management, Quantitative Techniques, Risk Management & Insurance and Financial Services.

#### **Byram Anand, Ph.D.**

(Kakatiya University, Warangal)

Specialization: Accounting for Managers, Insurance Law, Green Marketing, E-commerce, Services Marketing, International Business, Business Process Reengineering and Operations Research.

#### **C. Madhavaiah, Ph.D.**

(Sri Venkateswara University, Tirupati)

Specialization: Quantitative Marketing, Marketing Research, Services Marketing, Consumer Behaviour, Customer Relationship Management, Product and Brand Management, Sales and Distribution Management, Rural Marketing, Life Insurance and Insurance Salesmanship.

## DEPARTMENT OF COMMERCE

School of Management

The Department of Commerce, Karaikal Campus, Pondicherry University was established in the year 2007-08 at Karaikal involved in Teaching, Research and Extension Activities to cater to the local demands of the Karaikal region as Karaikal is poised to become a trade centre with major port and special economic zone. The Department offers Master of Commerce in Business Finance and Doctor of Philosophy in Commerce (Full Time and Part time)

The mission of the Department is to cater to the needs of corporate and public services, by inculcating conceptual and practical knowledge in the area of commerce and to undertake research activities with social relevance, independent projects and consultancy on contemporary themes.

Lectures, interactive sessions, case analysis, group discussions on contemporary themes, internship training & project work, career guidance & counselling, soft skills for employability quotient, institute-industry interaction programme, application of ICT, industrial/field visits, educational tour and students' participation in academic activities of Universities and other institutions. guidance for UGC NET/SET aspirants and alumni meet are also other features of the department.

### ● PROGRAMMES OF STUDY

**M.Com** (Business Finance)

**Ph.D.** (Commerce)

### ● ENTRANCE EXAMINATION

Admission will be based on the combined entrance examination conducted by the University for Puducherry and Karaikal Campus for both Ph.D programme and M.Com (Business Finance).

### INFRASTRUCTURE FACILITIES

The Department has modernized infrastructure needed for the present day teaching and Research. It is bestowed with a well stacked library having adequate number of text and reference books in Finance, Accounting and other business management disciplines. For the computational facility the students and Scholars are bequeathed with a well equipped Computer lab having high end internet facility. Remote access of the library resources from Ananda Rangapillai Library of Pondicherry University is provided to all the members of the Department. For teaching, well furnished class rooms with LCD projector, Computer and internet connections are made available. The Centre is also facilitated with separate hostels for boys and girls, serving the needs of the students and Scholars. Free transportation facility to reach the campus is also provided as per the norms of the University.

### PLACEMENT

The students of the Department are provided with contemporary knowledge in finance, Financial Market operations, Accounting and required hands on experience in computational skills. They are also trained in soft-skills required for the industry, E-commerce applications, trading in stock Markets, Analysing the Financial Statements and the like. Apart from providing knowledge and training in the areas of finance and skills required for the industry, they are also assisted by the Department to get placements in the business enterprises, focussing on Accounting and Finance, Capital Market Operations, Information Technology and IT enabled services. The students are also motivated to start their own entrepreneurial ventures by offering courses on Entrepreneurship Development and Small Business Management.

Based on the placement efforts of the department the students and our Alumni are placed in leading business concerns like Scope International Limited, Accenture Limited, Fidelity Investments, Sanmar Group, Infosys Limited, Sutherland Technologies Limited, Oceanic Edibles Limited, Aurobindo Systems limited, Hidesign India Private Limited, Shriram City Union Finance Limited, Continental warehousing Limited, MRF tyres, Wipro Company Limited, Win Win Commodities Limited, Pondicherry Institute of Medical Sciences(PIMS), HDFC bank, ICICI Bank, IFFCO TOKIO Ltd and so on.

### ALUMNI ASSOCIATION

Alumni association of the Department is one of the strengths of the Department. Department started its alumni association informally in the year 2012. Since then the Department has been conducting Annual Alumni Meet every year named as "Memories". The alumni meet is normally organized in the month of November by the members of the association. The Alumni members network plays a vital role in placing the students of the Department in collaboration with the faculty-in-charge for placing the students of the department.

### FACULTY

#### Associate Professors

**V. Kavida Ph.D.** (Alagappa University, Karaikudi)

Specialization: Accounting & Finance, Intellectual Capital, Intellectual Property Valuation, International Finance, Banking and Financial Services.

**S. Amilan Ph.D.** (Alagappa University, Karaikudi)

Specialization: International Finance, Portfolio Management, Quantitative Techniques & Financial Econometrics, International Business & Marketing.

#### Assistant Professors

**V. Arulmurugan, Ph.D.** (University of Madras, Chennai)

Specialization: Banking, International Business, E-Commerce, Logistics, Commerce Science, Entrepreneurship, Business Research & Analytics.

**G. Naresh Ph.D.** (University of Madras, Chennai)

Specialization: Investments, Derivatives & Risk Management, Valuation of Assets, Infrastructure Finance & Private equity.

# DEPARTMENT OF COMPUTER SCIENCE

School of Engineering & Technology

The Department of Computer Science, Karaikal Campus offers two Post Graduate programmes say Master of Computer Applications-MCA with the student intake of 40 per batch and two year Master of Science – M.Sc, with the student intake of 26 per batch. Also the department offers Ph.D program in Computer Science & Engineering both in full time and in part time modes. The Department aims in imparting quality education by providing a captivating atmosphere for students.

## PROGRAMMES OF STUDY

**M.C.A.**

**M.Sc. (2 Years)** Computer Science

**Ph.D.** Computer Science

## ENTRANCE EXAMINATION

**M.Sc. Computer Science:** Admission to M.Sc. program is based on the performance in the Entrance Examination. The entrance examination is of objective type. The question paper will consist of 20 questions in general arithmetic and 80 from Data Structures and Algorithms, Digital Logic and Computer Organization, Operating Systems, System Software, Microprocessors, SAP, DBMS, Automata, Programming Languages(C & C++) and Recent Trends in Computer Science related domains.

**M.C.A.:** Admission to M.C.A. is based on the performance in the Entrance Examination. The entrance examination is 100 Multiple Choice Questions. The question paper will consist of 100 questions from the topics of Comprehension and Verbal Ability, Analytical Ability, Logical Reasoning, Mathematical Aptitude and General awareness in Computer Science related domains.

**Ph.D.:** Admission to Ph.D. is based on the performance in Entrance Examination. The Entrance Examination consists of 100 Multiple Choice Questions from all the major areas of Computer Science discipline.

Computing, System Security in Distributed Environment, Agent Modeling, and Intelligent Systems using Hybrid Algorithms etc.

## PLACEMENTS

The Department is keen in placing the students in reputed companies and its vision aims for 100% placement with the earnest support of the Placement Cell of the University. Our students prove their pride of acquaintance by being hired in MNCs like IBM, HCL, Wipro, Infosys, TCS, Aricent, HP, ITC, CTS, Honeywell, Patni Computers, iGate, iFlex, etc.

## FACULTY

### ASSOCIATE PROFESSOR

**S. Bhuvaneswari, Ph.D.,** (Bharathidasan University)

*Specialization:* Computational, Intelligence, Artificial Intelligence, Business Intelligence, Information Systems, Knowledge and Application Mining, Hybrid Information Systems, Contemporary Algorithms.

### Assistant Professors

**G. Sureshkumar Ph.D.,** (Pondicherry University)

*Specialization:* Information Retrieval, system Management.

**K. Vaitheki M.Tech.,** ( Pondicherry University)

*Specialization:* Information Security, Software Engineering.

**G. Kumaravelan Ph.D,** ( Bharathidasan University)

*Specialization:* Information Technology, Security Systems, Text Mining

**R. Lakshmi Ph.D.,** (Pondicherry University)

*Specialization:* Bio-Informatics, Genetic Algorithm.

## INFRASTRUCTURE FACILITIES

The Department has well equipped advanced programming laboratories for all programs separately with high end systems on LAN and Broadband connectivity. Airy and spacious class rooms, equipped seminar hall and library facilities cater the essential needs of the students

## STUDENT ACTIVITIES

The Department encourages the convergence of industry professions and academicians of high reputation to inculcate their experiences and work style to mentor the students to be competitive.

By way of organizing workshops, conferences and special lectures and training, the students are groomed to shine to the global standards.

## RESEARCH

The Department is a research department offering Ph.D. in Computer Science and Engineering both in Full-Time/ Part-Time mode. Separate work spaces are provided for the research scholars and scholars are working in areas of Cloud

## MAHE CAMPUS COMMUNITY COLLEGE

The second Community College of Pondicherry University was established at Mahe Campus in 2014. The Community College of Pondicherry University at Mahe functions under the general, academic and the administrative supervision of Pondicherry University and the courses offered are recognized and supported by UGC.

### VISION

Education for employment through skills formation and to create promising work force to cater to the requirements of growing India.

### OBJECTIVE

The main objective is to offer Job Oriented Courses based on perceived community demands for specific man power with adequate mutual collaboration and co-operation of members from various commercial, agricultural, government and academic institutions and organizations.

### MISSION

To ensure "Capacity building" in the youth with special reference to the underprivileged sections of the community including women, for 'social transformation' through a comprehensive education model which fosters intellectual enlightenment, vocational and life skill development, social commitment, emotional balance and moral uprightness, so as to ensure better quality of life.

### Centre Head

**Prof. Mohanan Bhaskaran Pillai**

### PROGRAMMES OF STUDY

UNDER GRADUATE PROGRAMMES (DURATION : 3 YEARS with lateral exit, entry and Vertical mobility provisions)

- 1.B.voc. in Radiography & Imaging Technology
- 2.B.voc. in Tourism & Service Industry
- 3.B.voc in Video Production & Editing
- 4.B.voc in Digital Photography

POST GRADUATE DIPLOMA PROGRAMMES (DURATION: 1 YEAR)

- 1.P.G. Diploma in Computer Applications.
- 2.P.G. Diploma in Industrial Relations and Labour Laws.
- 3.P.G. Diploma in Statistical Research Methods.
- 4.P.G. Diploma in Professional Communication in English.
- 5.P.G. Diploma in Media and Mass Communication.
- 6.P.G. Diploma in TV Production.
7. P.G. Diploma in "CROSS CULTURAL THEATRE(ACTING)" (subject to be the approval of University authority)

CERTIFICATE COURSES

- 1.Data Entry and Processing
- 2.Computer Graphics
- 3.Spoken English/Communicative English
4. Costume and Fashion Designing. (Subject to be the approval of University authority)

## PORT BLAIR CAMPUS

# DEPARTMENT OF OCEAN STUDIES AND MARINE BIOLOGY

School of Life Sciences

The Department of Ocean Studies and Marine Biology was established in the year 2000 as a Centre of Ocean and Island Studies and upgraded to the present Department in the year 2004. This Department is located in a sprawling campus of its own at Brookshabad (Port Blair), the picturesque capital city of the Andaman and Nicobar islands. The Department has well equipped infrastructural facilities with laboratories and instruments for both the academics and research activities with extramural funding from UGC, DST and MoES. The Department is well poised to train by imparting education and field based practical training to the students in the arena of Marine Biological Sciences.

The program is primarily focused at building trained manpower with skills required to cater to the need in the field of Marine Biology. Department has the mandate for exploring the potential of marine living and nonliving resources and their application, developing sustainable management strategy for the resources, creating database on all the oceanographic components involving biological, chemical, physical and geological aspects of the Andaman Sea preferentially.

The Department conducts M. Sc. and Ph. D. Program in Marine Biology and it's strategic location at Port Blair in close proximity with the Andaman Sea provides unique opportunity for the students and researchers to get extensive exposure to a vivid form of marine environmental conditions comprising estuarine, mangrove, Island and marine ecosystems. Students to the program are admitted on the basis of the rank obtained by all India entrance examination conducted by the Pondicherry University at different centers in the country. The students enrolled for the Master degree are offered a studentship of Rs. 1000 per month.

### PROGRAMMES OF STUDY

**M.Sc. Marine Biology**  
**Ph.D. Marine Biology**

### ENTRANCE EXAMINATION

#### M.Sc. – Marine Biology

The question paper consists of objective type questions with multiple choices in the field of biological sciences at B. Sc. level.

#### Ph.D. in Marine Biology

The question paper consists of objective type questions with multiple choices in the field of marine biological sciences at M. Sc. level. UGC/CSIR – NET qualified students are admitted directly to the Ph. D program.

- Organic element analyser
- Plankton nets & Flow meter
- PCR
- Rotary evaporator
- TOC analyzer
- SCUBA
- UV Spectrophotometer

### THRUST AREA OF RESEARCH

- Barcoding of Marine Fishes and Eco-morphology of Coral Fishes.
- Coral reef environment monitoring and carbon sequestration
- Coastal Biodiversity Assessment and their Conservation
- Fisheries resource assessment
- Marine Bioactive Compounds, their characterization
- Marine Microbial processes and natural bi-products.
- Marine Benthic Ecology and Taxonomy
- Marine micro-phyto benthos and their ecological relationship
- Diversity and distribution of Plankton

### INFRASTRUCTURE FACILITIES

The Department has modern laboratory facilities equipped with the following major Instruments in addition to other basic equipment for teaching and R& D activities in the arena of Marine Biology.

- Automatic weather station
- BOD incubator
- CHN Analyzer
- Current meter
- Deep sea fluorometer
- Ecosounder
- GEL Electrophoresis
- GELDOC
- HPLC
- Hydroab
- Microscopes with image analyser

### FACULTY

#### Professor

**P. M. Mohan, Ph.D.**

(Cochin University of Science and Technology, Kochi)  
Specialization: Marine Biology, Coral reef environmental monitoring, Meiobenthic studies, Marine Geology and Coastal management.

### Associate Professor

**Jayant Kumar Mishra, Ph.D., D.Fs.(Japan)**

Specialization: Marine Biotechnology, Marine Bioactive Compounds, Induced Breeding and Larval Chemical Ecology of Marine Invertebrates special reference to fouling organisms, Marine Biodiversity and Conservation.

**R. Mohanraju, Ph.D.**

(Annamalai University, Chidambaram)

Specialization: Marine Biology, Microbial Ecology and Marine microbial processes in corals, mangroves and deep sea ecosystems.

### Assistant Professors

**Gadi Padmavathi, Ph.D., D.Fs.(Japan)**

Specialization: Marine Biology, Marine Plankton, Fisheries and Pisciculture.

**S. Venu, Ph.D.**

(Cochin University of Science and Technology, Kochi)

Specialization: Marine Biology, Fish and Fisheries Sciences, Deep Sea and Coastal Fish Taxonomy, Aquaculture.

**T. Ganesh, Ph.D.**

(Andhra University, Visakhapatnam)

Specialization: Marine Biology and Macro Benthic Community Study.

**K. A. Jayaraj, Ph.D.**

(Cochin University of Science and Technology, Kochi)

Specialization: Marine Biology and Benthic Ecology.



# DEPARTMENT OF DISASTER MANAGEMENT

School of Physical, Chemical and Applied Sciences

The M.Sc., course in Disaster Management was started in the Department of Ocean Studies and Marine Biology in 2007 and bifurcated as separate Department of Disaster Management in June 2010 and Centre is located in Port Blair. The Department is being fully supported by UGC. The centre has excellent hostel facilities for M.Sc., students and research scholars. The M.Sc., Disaster Management course is intended to develop basic understanding of the Natural Disasters such as Earthquake, volcano, landslide, tsunami, cyclones, floods, land subsidence, coastal erosion, salt water intrusion, long term disasters of climate change, sea level rise, manmade disasters like nuclear, epidemic and air pollution. The curriculum is planned to identify the Natural earth related problems by Microzonation mapping through Geophysical, Remote Sensing and Geographical Information System. Both theory and practical classes are handled by experienced faculty members. World class equipment facilities are available.

## PROGRAMMES OF STUDY

M.Sc. Disaster Management  
Ph.D. Disaster Management

## ENTRANCE EXAMINATION

Selection of the candidates for M.Sc. degree in Disaster Management, Dual degree in Disaster Management and Remote Sensing are based on the performance of the entrance examinations which will include 100 Multiple Choice Questions Geography, Chemistry, Physics and Geology, Environmental Science, Zoology at B.Sc. Level. For Ph.D. admission there will an objective type examination at M.Sc., level.

## MISSION OF THE DEPARTMENT:

The Department makes every effort to achieve academic excellence with world class field training to produce Disaster Managers.

## VISION OF THE DEPARTMENT:

Natural and manmade hazards are increasing every year. Detection and remediation of the natural and manmade hazards are warranted urgently regionally and globally. To cater the needs: Curriculum is designed by Pondicherry University, to suit learners with multi skills. To develop man power to combat the mounting natural and manmade hazards, training with 'Application of Geophysical Techniques such as Electrical Resistivity Tomographic (ERT) Imaging; Ground Penetrating Radar (GPR); Seismic Imaging and Transient Electromagnetic (TEM) to identify the subsidence, fault / fracture, subsurface cavity, landslide prone area; identification of ground water resource, contamination of ground water, salt water intrusion, and leach ate plume migration, hazardous waste disposal remote sensing and GIS Laboratory with latest software of ArcGIS and ERDAS are provided. This training programme produces M.Sc., students with capability to make out and resolve the disaster related problem.

## INFRASTRUCTURAL FACILITIES

The Department has well equipped laboratories with World class Geophysical and Remote Sensing, GIS and Marine and Land Survey equipment to cater the needs of the practical course of M.Sc., students and PhD scholars. The major equipment facilities available in the Department are:

- Seismograph with 12 channels
- SIR 2000 Ground Penetration Radar
- Electrical resistivity imaging
- Transient Electromagnetic (terra TEM)
- Total Organic Carbon analyser
- Differential Global Positioning System (DGPS)
- Automatic weather Station
- Microscope with Image analyser
- Oceanographic Equipment
- Marine Magnetometer
- Side Scan Sonar ,
- Echo sounders
- Current meter
- Magnetometer(marine)

Apart from these facilities sophisticated Remote Sensing and GIS Laboratory with software of ArcGIS, and ERDAS. Computing and Network Facility: Adequate numbers of PCs in Remote Sensing Laboratory with internet connectivity are available.

## FIELD EQUIPMENTS:

Total station with Reflector; Auto Level with staff; Global Positioning system; Digital Camera; Rock cutting Machine; Automatic sieve shaker. Multi dated Satellite imageries for all Andaman & Nicobar Islands and coastal districts of Tamil Nadu are available.

## RESEARCH ACTIVITIES:

The research activities of the Department are mainly concerned with identification and migration of Natural Disasters, like Earthquake Coastal Landslides, Paleoseismological, Salt water intrusion, Tsunami Inundation modeling and impact of Tectonic subsidence of the islands with advent GPR, Terra TEM, Resistivity Imaging and Resistivity Variometer. Ministry of Earth Science has sanctioned Rs 25, 24, 400 for the Paleoseismological investigation in the Islands.



## PROSPECTUS 2015-16

National Remote Sensing Centre (NRSC), Indian Space Research Organization, Department of Space, Government of India, Hyderabad has sponsored one project in the scheme of "Rajiv Gandhi National Drinking Water" to collect well data and water quality analysis for Andaman & Nicobar Islands.

### ONGOING DEVELOPMENTS:

Three new faculty positions have been sanctioned to the Department of Disaster Management. A new Magneto telluric meter (MT) will be added to the laboratory.

## FACULTY

### Professors

**N. Ramanujam, Ph.D.** (Panjab University, Chandigarh)  
Specialization: Geophysics, Exploration Technique,

Resistivity Imaging, Landslide and Earthquake Prediction.

### Assistant Professors

**K. Dharanirajan, Ph.D.** (Anna University, Chennai)

Specialization: Geographical Information System (GIS), Remote Sensing, Disaster Management, Coastal Zone Management, Software Development in Earth Science

**S. Balaji, Ph.D.** (Bharathidasan University, Thrichirapalli)

Specialization: Geophysics, Disaster Management, Tectonics, Ground Water.



## DIRECTORATE OF DISTANCE EDUCATION

In order to cater to the needs of people who could not pursue higher education in the formal/on-campus streams, Pondicherry University had taken a conscious decision to enter the field of Distance Education by offering Professional/ Job Oriented academic Programmes in 1995-96. At present the Directorate offers 11 MBA and 4 PG Diplomas (Semester pattern), 6 PG Diplomas (Non semester pattern), 4 MBA (Lateral Entry), 4 Post Graduate and 4 Under graduate Programmes.

The Admission process usually commences in June for Academic year and in January for Calendar year. Given the national character of the university and the quality of the academic programmes offered by the Directorate, students from across the country and from all hues choose Pondicherry University for realizing their dreams of acquiring a professional degree.

Thus over the years, the distance education Programmes of Pondicherry University have established a mark of their own with respect to quality.

Pondicherry University's Directorate of Distance Education is also known for its innovative Twinning Programme concept, wherein the University partners with reputed institutions, from across the country, who organizes the activities related

to distance education Programmes of Pondicherry University.

### Fee Concession

100% Tuition fee Concession is extended to Physically Challenged persons & 50% Tuition fee concession is extended to the following categories:

- Non-teaching employees of Pondicherry University and their wards (Group C & D)
- Defence personnel serving in Indian Armed Forces
- Widows
- Deserted Women
- Prisoners
- Transgender

### LIBRARY

Directorate of Distance Education is also endowed with an exclusive library in the DDE building. Apart from a wide range of books on Management and Computer applications, the Library stacks all the study materials of DDE, popular journals of Management, Project Reports of MBA, Assignments of PG Students, Question Banks and other dailies and magazines.

#### PROGRAMMES OF STUDY

##### MBA PROGRAMMES (2 Years - 4 Semesters)

- MBA - Human Resources Management
- MBA - Finance
- MBA - Marketing
- MBA - International Business
- MBA - Tourism
- MBA - Retail Management
- MBA - General
- MBA - Operations and Supply Chain Management
- MBA - Insurance Management
- MBA - Hospital Management
- MBA - Entrepreneurship

##### PG DIPLOMA COURSES WITH LATERAL ENTRY OPTION UNDER SEMESTER PATTERN (1 Year - 2 Semesters)

- P G Diploma in Human Resource Management
- P G Diploma in Marketing Management
- P G Diploma in Financial Management
- P G Diploma in Business Administration

##### MBA Courses Lateral Entry (One Year - Two Semesters)

- MBA (Human Resource Management) Lateral Entry
- MBA (Marketing) Lateral Entry
- MBA (Finance) Lateral Entry
- MBA (General) Lateral Entry

##### U G Courses (3 years-Non Semester) (From 2014-15 onwards)

- Bachelor of Commerce
- Bachelor of Business Administration
- Bachelor of Arts in Hindi
- Bachelor of Arts in Sanskrit

##### P G Courses (2 years-Non Semester)

- Master of Commerce
- Master of Arts in English
- Master of Arts in Sociology
- Master of Arts in Hindi

##### Conventional P G Diploma under Non-Semester Pattern (One year)

- P.G.Diploma in Event Management
- P.G.Diploma in Journalism & Mass Communication
- P.G.Diploma in Tourism Management
- P.G.Diploma in Retail Management
- P.G.Diploma in Patent Law
- P.G.Diploma in Psychology

## ONLINE COURSES

Focused on making quality education accessible to all, Pondicherry University, Directorate of Distance Education has adopted technology enabled distance learning where ICT is being used to reach to the larger segment of people who could not pursue the on-campus model, but are passionate about academics, nonetheless.

The Directorate of Distance Education has made a select few programmes available online keeping in mind our Endeavour to make higher education affordable and approachable to all. The 10 MBA and 4 PG Diploma courses are now available on the Avagmah Technology Platform (ATP).

## OFFICERS AND FACULTIES OF D.D.E.

Director i/c

**Prof. P. Natarajan, Ph.D.,**

*Specialization:* Finance and Human Resource Development, Entrepreneurship Development, Project Management Research Methodology

Assistant Registrar

**Mr. N. Giridharan**

**Mr. M. Sandirane**

Assistant Director (On Contract)

**Dr. Arvind Gupta, Ph.D.**

*Specialization:* Business Administration, Human Resource Management

Assistant Professors (On Contract)

**Punitha. A, M.B.A, M. Phil., PGDCA**

*Specialization:* Business Ethics, Human Resource Management, Organizational Behaviour and Business Environment.

**Umasri .V, M.Com., M. Phil., M.B.A.**

*Specialization:* Accounting and Finance, Financial Management, Security Analysis and Portfolio Management.

**Sk. MD. Nizamuddin, M. Phil, LLM**

*Specialization:* Marketing Management, Advertising, Services Marketing, Business Laws.

Further details of the Programmes can be had from the brochure of the Directorate of Distance Education and also in the Distance Education link of the University Website [www.pondiuni.edu.in](http://www.pondiuni.edu.in)

## AFFILIATED INSTITUTIONS - Ph.D. SUPERVISORS

● Vector Control Research Centre (VCRC), Puducherry				
Subject Offered	Name of the Recognised supervisors	Specialization	Question paper Pattern	Syllabus
Zoology	Dr. P. Jambulingam Dr. K. Gunasekaran Dr. S. Poopathi Dr. N. Pradeep Kumar Dr. K. P. Paily Dr. A. R. Rajavel Dr. V. Vasuki Dr. R. Srinivasan	Zoology ” ” ” ” ” ” ” ”	As per the University pattern	P.G. Standard
Microbiology	Dr. A. M. Manonmani	Microbiology		
Chemistry	Dr. Nisha Mathew	Chemistry ”		

● Regional Medical Research Centre (RMRC), Port Blair, A&N Islands				
Subject Offered	Name of the Recognised supervisors	Specialization	Question paper pattern	Syllabus
Microbiology & Entomology	Dr. P.Vijaychari Dr. D. Biswas Dr. A. N. Shriram Dr. Madanan Dr. I P. Sunish	Microbiology Microbiology Entomology Microbiology Entomology	Objective	Medical Microbiology, Molecular Biology, Mol.Medical Microbiology, Bioinformatics, Medical Entomology.

● Kanchi Mamunivar Centre for P.G. Studies (KMCPGS), Puducherry				
Subject Offered	Name of the Recognised supervisors	Specialization	Question paper pattern	Syllabus
Tamil	Dr. Chinta Nila Devi Dr. S. Thillaivanam Dr. V. Karunanithi Dr. P. Kolasamy Dr. S. Sathiaselan Dr. Elangovan	Religious Literature and Epic. History and Grammar. Grammar and Modern Literature. Grammar & Life Skills Folklore and Linguistics. Sangam, Mass Communication, Folk core	As per the University pattern	P.G. standard

## PROSPECTUS 2015-16

Subject Offered	Name of the Recognised supervisors	Specialization	Question paper pattern	Syllabus
Botany	Dr. K. Rajendiran Dr. Bijaya Kumar Nayak	Cytogenetics, Biodiversity & Toxicology. Applied Microbiology, Aerobiology, Microbial Biotechnology.	As per University pattern	P.G. Standard
Zoology	Dr. G. Krishnamoorthy Dr. V. Ravitchandirane Dr. S. Rajalakshmi Dr. V. Ramalingam	Endocrinology, Environmental Toxicology Fishery Biology, Marine Pharmacology, Molecular Systematics, DNA Barcoding Environmental Science, Medical Entomology Environmental Toxicology/Reproductive Biology		
Physics	Dr. S. Ramadasse Dr. V. Ilangovan	Theoretical Physics, Solar Cells, Solid State Physics Spectroscopy-F I R, UU, Raman		
Commerce	Dr. D. Aravazhi Irisappane Dr. M. Karuppusamy Dr. R. Ashagaiah Dr. Nitin Swarup Pandey	Fund Management, Equity Research and HRM Marketing, Human Resource Management, Foreign Trade Finance, Banking and Insurance Finance, Banking, Commerce		
English	Dr. P. Raja Dr. R. Rajavelu	Indian Writing in English, Folklore, Translation & Specialization in the History, Culture, Literature and Religion of Puducherry. Indian Writing in English, Literary Theory and Translation, American Literature, Literary Theory & Criticism & Comparative Literature		
	Dr. M. Nazir Ali	Comparative Literature, Translation Literary Theory & Criticism		

● Pondicherry Engineering College (PEC), Puducherry

Civil	Dr. T. Sundararajan	Hydraulics Water Resources Engineering, Non-Conventional Materials, Construction Management, Ground Water Management	Two hour objective type questions	All subjects of B.Tech., Civil Engg. & M.Tech. Advanced construction Tech. & Environmental Engg.
	Dr. M. A. Sivasankaran	Environmental Engineering and Hydro Geochemistry, Water Supply and Waste Water Engineering, Industrial Waste Management Energy and Environmental Management.		
	Dr. S. Kothandaraman	Structural Engineering, Construction Materials, Non-Conventional Materials		
	Dr. S. Sivamurthy Reddy	Engineering Geology, Ground Water Hydrology		
	Dr. V. L. Narasimha	Transportation Engineering, Traffic & Transportation, Pavement Materials		
	Dr. R. Saravanane	Water supply and waste water Engg., Industrial waste management, Water quality modelling, Environmental Modeling and Risk Assessment.		
	Dr. Govindaradjane	Water Supply and Waste Water Engg., Industrial Waste Management Energy and Environmental Management		
	A. Jagannathan	Cost-effective construction Materials and Technology construction management, Fiber reinforced concrete/ matrix, Thin reinforced construction products/ matrix		
	Dr. V. Murugaiyan	Geotechnical Engineering, Environmental Geotechnology, Soil Pollution.		
	Dr. G. Ramakrishna	Structural Engineering, Fiber reinforced concrete		
	Dr. K. Pandurangan	Structural Engineering, Special concretes, Sustainable Materials		
	Dr. P. Revathi	Structural Engineering		
	Dr. G. Vijayakumar	Coastal Engineering and Construction Management & Technology		
	Dr. P. Ramadoss	Structural Engineering, FRC & HPC		
	Dr. S. Eswari	Structural Engineering, FRC and Materials		
Dr. A. Muthadhi	Concrete Composites, Non- Conventional & New Materials			

Subject Offered	Name of the Recognised supervisors	Specialization	Question paper pattern	Syllabus
Mechanical Engineering	Dr. T. Senthilvelan	Production Engg.		Covering different fields of Mech. Engg.
	Dr. K. Mahadevan	Materials and Manufacturing		
	Dr.N. Alagumurthi	Modeling & Simulation studies in Mech.Engg.		
	Dr. M. Pugazhvadivu	Internal Combustion Engines, Alternative Fuels		
	Dr. P. Mathiazhagan	Heat Transfer and Corrosion		
	Dr. B. Prabu	Engineering Design, FEA		
	Dr. K. Palaniradja	Modeling & Simulation in Manufacturing & Thermal Systems		
	Dr. S. Mohamed Ali	Tribology		
	Dr. A. Selvaraju	Thermal Sciences and engineering, CFD, design and simulation of thermal systems, Renewable energy sources		
Electronics and Communication Engineering	Dr. P. Dananjayan	Wireless Communication	Two hours of objective type questions	Covering different fields of Electronics and communications Engg.
	Dr. E. Srinivasan	Digital Signal Processing, Digital Image Processing		
	Dr. G. Nagarajan	Wireless - Communication and Networks		
	Dr. M. Tamilarasi	Mobile Adhoc Networks, Wireless Sensor Networks, Digital System Design		
	Dr. Gnanou Florence Sudha	Digital Image Processing, Digital Signal Processing, Biomedical Engineering		
	Dr. V. Saminadan	Optical Communication, Optical Networks, Wireless Communication Networks, VLSI Design		
	Dr. D. Saraswady	Adhoc and Sensor Networks, Wireless Communication		
	Dr. G. Sivaradje	Wireless Communication, Image Processing		
	Dr. R. Gunasundari	Adhoc and Sensor Networks, Wireless Communication, Biomedical Signal Processing		
	Dr. N. Nithyanandan	Wireless Communication, Sensor Networks		
	Dr. K. Jayanthi	Personal and Wireless Communication Networks, Digital Image Processing, Digital Communication		
	Dr. V. Vijayalakshmi	Information and Network Security, Securing Wireless and Sensor Networks, ASIC and VLSI Design		

Subject Offered	Name of the Recognised supervisors	Specialization	Question paper pattern	Syllabus
Computer Science and Engineering	Dr. P. Thambidurai	Image Video Processing, Data compression, Multimedia Networks, Multimedia, Databases, Object Oriented Distributed Computing, High Speed Networks	Two hours of objective type questions	Covering different fields of Computer Science and Engineering
	Dr. K. Vivekanandan	Object oriented system, Software Engg. Information Security		
	Dr. N.Sreenath	High Speed Networks, Optical Networks, Information Security, Real Time systems, Distributed Systems.		
	Dr. D. Loganathan	Image processing, Information Security, Biometrics		
	Dr. S. Kanmani	Software Engineering		
	Dr. M. Ezhilarasan	Image and Video Processing, Data Compression, Bio-metrics		
	Dr. S. Saraswathi	Intelligent Systems, Speech Processing, Natural Language Processing		
	Dr. M. Sugumaran	Spatial-Temporal data, Information Security, Distributed Systems, Algorithm		
	Dr. R. Manoharan	Network Technologies, Network Security		
	Dr. F. Sagayaraj Francis	Data Management, Data Modeling and Analysis		
	Dr. G. Zayaraz	Software Engineering and Architecture, Information Security		
	Dr. E. Ilavarasan	Distributed systems, Internet Computing and Web Services		
	Dr. Ka. Selvaradjou	Embedded System, Wireless network, Cloud Computing		
	Dr. R. Kalpana	Parallel and distributed system, web engineering, Intelligent computing system		
	Dr. A. Amuthan	Information security, computer networks, Software engineering, cloud computing		
	Dr. S. Lakshmanapandian	Natural Language processing, Automata theory and compiler design, Embedded system		
	Dr. M.S Anbarasi	Data mining, Cloud computing and software engineering Digital Signal Processing, Intelligent Techniques.		
	Dr. V. Govindasamy	Business Intelligence & Complex Event Processing		
	Dr. K. Saruladha	Distributed Systems		
Dr. M. Thirumaran	Automata Languages and Computation, Compiler Design, Web Technology			



Electrical & Electronics Engg.	Dr. K. Manivannan	Digital Signal Processing, Intelligent Techniques, Power Electronics, Power Systems, Optimization, Computer Algorithms	Two hours of objective type questions
	Dr. S. Himavathi	Intelligent techniques for Modeling, control, estimation, tracking, fault diagnosis and condition monitoring Microprocessor/ micro controller/FPGA based system design	
	Dr. A. Muthuramalingam	Power Electronics, Drives and control AI techniques, modeling, estimation, fault diagnosis and condition monitoring of Electrical and Electronic Systems	
	Dr.R.Gnanadass	Power system optimization	
	Dr. B. Rami Reddy	Special machines and adaptive control systems	
	Dr. Christopher Asir Rajan	Power system optimization, operation, control, planning, Power electronic application to power systems AI techniques to Power systems.	
	Dr. K. Rajambal	Power Electronics, Electrical drives, Electric vehicles, Wind Energy systems	
	Dr. S. Jeevanantham	Power Electronics	
	Dr. N. P. Subramanian	Power System Quality	
	Dr. Ajay Vimal Raj	Power System Optimization	
	Dr. K. Elaseralathan	High Voltage insulations engineering, nano dielectrics and modelling of brekdown phenomena	
	Dr. M. Arounassaalme	Digital Control System	
	Dr. Mahesh Kumar	Electrical machines, control and instrumentation	
	Dr. B. Geethalakshmi	Power Electronics and drives, facts controller	

Subject Offered	Name of the Recognised supervisors	Specialization	Question paper pattern	Syllabus
Electrical & Electronics Engg.	Dr. G. Ravi	Applications of AI techniques to Power system optimization and electrical machines,	As per the University pattern	P.G. Standard
	Dr. Ananda Natarajan	Process control and instrumentation, Adaptive and nonlinear control		
	Dr. Sudhakaran	Power system operation and control		
	Dr. Alamelu Nachiappan	DSP Based Power Control		

Subject Offered	Name of the Recognised supervisors	Specialization	Question paper pattern	Syllabus
Mathematics	Dr. P. A. Padmanabham	Special Functions	As per University pattern	P.G. Standard
	Dr. R. Sekar	Fluid Mechanics		
	Dr. J. Jayakumar	Numerical Analysis		
	Dr. G. Ayyappan	Probability, Stochastic Process and Queuing Theory		
	Dr. S. Mangayarcassay	Commutative Algebras and Homological Theory		
	Dr.T.V.S.Sekar	Computational Fluid Dynamics		
Physics	Dr. B. Palanivel	Solid State Physics: Electronics Structures	As per University pattern	P.G. Standard
	Dr. S. Nagarajan	Luminescence		
	Dr. B. J. Kalaiselvi	Ferroelectrics		
	Dr. R. Kannan	Solid State Physics: CMR and Ceramic Oxides		
	Dr. Harish Kumar	Computational Physics		
Chemistry	Dr. S.Subramanian	Electro chemistry, solution chemistry	As per University pattern	P.G. Standard
	Dr.S.Balasubramanian	Radiation Catalysis		
	Dr. T. Kaliappan	Polymer Science		
	Dr. P. Sankar	Chemical Informatics		

● Zoological Survey of India (ZSI), Port Blair

Subject Offered	Name of the Recognised supervisors	Specialization	Eligibility
Taxonomy Ecology Zoogeography	Dr. C. Raghunathan	Marine Biology	Zoology, Marine Biology, Wildlife Biology, Ecology and Life Sciences
	Dr. C. Sivaperuman	Wildlife Biology	

● Bharathidasan Womens' College

Subject Offered	Name of the Recognised supervisors	Specialization	Syllabus
Home Science (All branches)	Dr. V. Raji Sugumar	All branches of Home Science	P.G. Standard
	Dr. Josephine Nirmala Mary		

● Ecole Francaise D'Extreme- Orient(French School of Asian Studies)

Subject Offered	Name of the Recognised Supervisors	Specialization	Research Projects
<b>SANSKRIT :</b> Saivagama-s, Saivasiddhanta, Sanskrit Literature, Advaita Vedanta and Manuscriptology	Dr. S.A.S Sarma	Saivagama-s, Saivasiddhanta, Advaita Vedanta and Manuscriptology	Critical Edition of Saiva texts
	Dr. R. Sathyanarayanan	Saivagama-s, Saivasiddhanta, Sanskrit Literature, ta and Manuscriptology	Critical Edition of Saiva texts
<b>HISTORY</b> Medieval History of Tamilnadu, Tamil and Sanskrit Epigraphy, Religious Studies	Dr. Valerie Gillet	Pallava and Pandya Periods	Study of the Subramania early Medieval Cult in Tamilnadu, History of the Pallava and Pandya Dynasties, Reigions Iconography
<b>TAMIL</b> Classical Tamil, Philological Studies	Dr. Eva Wilden	Cankam and Bhakti Literature	Critical editions of cankam texts, transmission of cankam literature and commentaries

● Dr. Ambedkar Govt. Law college, Puducherry

Subject Offered	Name of the Recognised supervisors	Specialization	Question paper pattern	Syllabus
Law	Dr. M. Ganagadevi	Law	Two hours of objective type questions	P.G. Standard
	Dr. L. Solomon Raja	Law		
	Dr. Ambika Kumari	Law		
	Dr. K. Chandrasegaran	Law		
	Dr. S. Srinivasan	Law		

**ACADEMIC CALENDAR FOR THE UNIVERSITY PROGRAMMES 2015-2016**  
(for P.G./ P.G. Diploma Programmes of the University)

**UNIVERSITY REOPENS AFTER SUMMER VACATION ON Monday, the 22<sup>nd</sup> June 2015.**

Semester	Descriptions	Period of Session
ODD SEMESTER (22.06.2015 to 27.11.2015)	<b>COUNSELLING AND REGISTRATION*</b>	22.06.2015 to 26.06.2015
	Commencement of Regular Classes	29.06.2015 (Monday)
	Last date for payment of fees	10.07.2015 (Friday)
	Last date for dropping courses	17.07.2015 (Friday)
	Submission of Registration Cards to the Academic Section	23.07.2015 (Thursday)
	End of Classes	13.11.2015 (Friday)
	Commencement of Examinations	16.11.2015 (Monday)
	Completion of Examinations	27.11.2015 (Friday)
	Last date for declaration of provisional results	04.12.2015 (Friday)
	<b>COUNSELLING AND REGISTRATION**</b>	<b>07.12.2015 to 10.12.2015</b>
Semester	Descriptions	Period of Session
EVEN SEMESTER (10.12.2015 to 04.05.2016)	Commencement of Regular Classes	10.12.2015 (Thursday)
	Last date for payment of fees #	15.12.2015 (Tuesday)
	Last date for dropping courses	18.12.2015 (Friday)
	Submission of Registration Cards to the Academic Section	23.12.2015 (Wednesday)
	<b>WINTER VACATION</b>	<b>26.12.2015 to 16.01.2016</b>
	End of classes	22.04.2016 (Friday)
	Commencement of Examinations	25.04.2016 (Monday)
	Completion of Examinations	04.05.2016 (Wednesday)
	Last date for declaration of provisional results	10.05.2016 (Thursday)
<b>SUMMER VACATION</b>	<b>11.05.2016 to 27.06.2016</b>	
<b>UNIVERSITY REOPENS ON 28.06.2016 (Monday)</b>		

\* For Odd semester students

\*\* For Even semester students

# If not paid by the last date, fine to be paid @ Rs.5/- per day for the first 10 days, Rs.10/- per day thereafter up to the last day of the month in which the fees due. After that the readmission fees of Rs.1000/- plus UDF Rs.500/- are to be paid along with the fee arrears with fine. Readmission will require Vice-Chancellor's approval.

No students who has less than 70% attendance in any course shall be permitted to attend the end-semester examination. He/ she shall be asked to repeat that course the next time it is offered.

Trimester pattern is followed in one year LLM programme. Hence, a separate academic calendar

## ACADEMIC CALENDAR FOR THE UNIVERSITY ADD-ON PROGRAMMES 2015-2016

Semester	Descriptions	Period of Session
I <sup>st</sup> Semester (31.07.2015 to 11.12.2015)	Admission Notification	13.07.2015 (Monday)
	Last date for receipt of filled in application	24.07. 2015 (Friday)
	Last date for Admission	31.07.2015 (Friday)
	Commencement of classes (I Semester)	31.07.2015 (Friday)
	Submission of Registration of students admitted to the Academic Section	10.08.2015 (Monday)
	Last date of submission of examination application	23.11.2015 (Monday)
	End of classes (I Semester)	11.12.2015 (Friday)
	Commencement of Examinations	14.12.2015 (Monday)
	End of Examinations	18.12.2015 (Friday)
	Declaration of Results	23.12. 2015 (Wednesday)
II <sup>nd</sup> Semester (18.01.2016 to 28.04.2016)	Commencement of Classes (II Semester)	18.01. 2016 (Monday)
	Last Date for Payment of fees	28.01. 2016 (Thursday)
	Last date of submission of examination application	25.03.2016 (Friday)
	End of classes (II Semester)	28.04.2016 (Thursday)
	Commencement of Examinations	02.05.2016 (Monday)
	End of Examinations	06.05.2016 (Friday)
	Decalration of Result	10.05.2016 (Tuesday)

(1) No students who has less than 70% attendance in any course shall be permitted to attend the end-semester examination of the Add-on course. He/ she shall be asked to repeat that course the next time it is offered.

(2) If not paid by the last date, fine to be paid @ Rs.5/- per day for the first 10 days, Rs.10/- per day thereafter up to the last day of the month in which the fees due. After that the readmission fees of Rs.1000/- plus UDF Rs.500/- are to be paid along with the fee arrears with fine. Readmission will require Vice-Chancellor's approval.

### IMPORTANT NOTE

- (i) University reserves the right to make changes in the information provided herein. This cannot be quoted for any sanction.
- (ii) Notwithstanding the information given in the brochure, the University has the ultimate right to decide on any issue as per its rules and regulations.
- (iii) For up-to-date information including changes in the programmes listed in this Prospectus, the University website **[www.pondiuni.edu.in](http://www.pondiuni.edu.in)** may be checked from time to time.

**Puducherry**

**Registrar**

## CONTACT DETAILS

<b>PONDICHERRY UNIVERSITY</b>	EPBAX: 0413-2654300 FAX: 0413 - 2655734 academictwo@gmail.com
<b>AFFILIATED INSTITUTIONS - PH.D. PROGRAMMES</b>	
Bharathidasan Womens' College, Puducherry	0413-2213504
Dr. Ambedkar Govt. Law college, Puducherry	0413-2656550, 2656570
French Institute of Pondicherry (IFP), Puducherry	0413-2334168
Ecole Francaise D'extreme- Orient, Puducherry	044-42017575, 26567200
Kanchi Mamunivar Centre for P.G. Studies (KMCPGS), Puducherry	0413-2251687, 2251613
Pondicherry Engineering College (PEC), Puducherry	0413-2655210, 2655281
Regional Medical Research Centre (RMRC), Port Blair, A&N Islands	03192-251158, 251043
Vector Control Research Centre (VCRC), Puducherry	0413-2272396
Zoological Survey of India (ZSI), Port Blair, A&N Islands	03192-230115



Online Entrance Examination  
May 2014 ■ ■ ■

**Pondicherry University**  
RV Nagar, Kalapet, Puducherry - 605014  
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