School of Architecture, Science and Technology
Yashwantrao Chavan Maharashtra Open University

Prospectus

2011-12

AST, YCMOU, Nashik – 422 222, MS, India

PROGRAMME CALENDAR

SN	Activity Description	Odd semesters like 01, 03, 05 and 07 01 Aug - 31 Jan	Even semesters like 02, 04, 06 and 08 01 Feb – 31 Jul
Direct Admission, Course Exemption, Credit Transfer (DACECT) **DACECT Form**: In Prospectus and on website {Must apply 10 days before first fresh admission} **DACECT Decision**: must be attached along with the admission form for first fresh admission.		
01	DACECT Form Submission at University	05 Jun – 25 Jul	Not Offered
02	DACECT Approval by University	Within 5 working days from the day of receipt	Not Offered
Annual Admission *: University Fee (including EF for the first compulsory attempt) must be paid along with the admission form, at a time for 2 semesters (an odd and even semester) in an academic year.		
03	Annual Further Admission	05 Jun – 05 Jul	Not Offered
04	Annual Fresh Admission	05 Jun – 05 Aug	Not Offered
Teaching – Learning (Face-To-Face counseling at each study center and Self-Study)		
05	Teaching - Learning	01 Aug – 13 Nov	01 Feb – 16 May
06	Teaching–Learning Backlog Clearing or Preparation Leave	14 Nov – 04 Dec	17 May – 04 Jun
Exam Form (EF) Submission {Not required for the first compulsory attempt. Required only for repeater students for backlog courses and performance improvement} EF available on Website for **only repeater** students.		
07	EE Form Submission by students at SC	On or Before 30-Sep	On or Before 31-Mar
08	EE Form Submission by SCs at University	On or Before 05-Oct	On or Before 05-Apr
Continuous Assessment (CA) Submission: Maximum single attempt. Zero marks given for 'no attempt' or 'non-receipt of Final "Assessment Report" of CA at University before specified date'.		
09	CA Availability at each study center	01 Aug – 30 Nov	01 Feb – 30 May
10	CA Submission by Students at SC	01 - 30 Nov	01 - 30 May
11	Provisional CA Report by SCs (On SCs Notice Board)	On or before 31-Dec	On or before 30-Jun
12	Final CA Report Submission by SCs at University	On or before 31-Jan	On or before 31-Jul
End Examination (EE) *: Maximum 5 attempts during consecutive 5 semesters. **Permanent drop out** from the programme, if successful completion not possible, within these maximum 5 attempts.		
13	EE for Theory Courses	05 Dec – 14 Dec	05 Jun – 14 Jun **
14	EE for Practical, STW, SV or PW Courses	Immediately after the last day of end exam for theory courses, but positively before 05-Jan	Immediately after the last day of end exam for theory courses, but positively before 05-Jul
15	End Exam Result Declaration	On or before 20 Feb	On or before 20 Aug
Semester End Vacation		
16	Semester End Vacation	08 Jan – 31 Jan	08 Jul – 31 Jul

* Annual admission applicable for all programmes.

** **Not applicable for only 'Aug 2011 End Exam'** of T82, T80, T83, T81, T63, T64, T65, T66, T67, T68, T96, T98, T34 and T35 programmes. But, indicated schedule is applicable for all programmes afterwards.

Contents

ABOUT US

ABOUT UNIVERSITY

Yashwantrao Chavan Maharashtra Open University (YCMOU) was established in July 1989 by the 'Act XX-(1989)' of the Maharashtra State Legislature. This university is recognized by the 'University Grants Commission (UGC)' of India. 'The Commonwealth of Learning (COL)' Canada, conferred the prestigious 'Award of Excellence for Institutional Achievement' for the year 2002 to this university. YCMOU is the first Open University in India which is honored with this prestigious award. It is the fifth Open University in the country. A recent amendment in the act allows this university to establish study centers, even outside the state of Maharashtra. As per provisions of the Act, this 'Open University' can also offer regular academic programmes (like B.Arch. or B.Des.) in 'Full Time Face-To-Face Mode of Education'.

The university provides relaxed entry procedures. However it does maintain its standards for examinations. The university may admit a student even when he is studying in another university / Board or is continuing his professional career. It also does not ask for documents like Transfer Certificate at the time of admission. At the same time the university takes all precautions (just as the other universities do) to ensure that the standards and quality of, education and exams, are preserved.

The Head office of the university is located at Nashik, India. The university operates through its 9 Regional Centers (RCs) at Amaravati, Aurangabad, Kolhapur, Mumbai, Nagpur, Nanded, Nashik, Pune, Goa and several Study Centers (SCs).

JURISDICTION AND REVISION OF RULES

All legal disputes regarding study center and enrolled students shall be subject to **Nashik jurisdiction** only. In order to cope up with unforeseen circumstances and to maintain high academic quality of these programmes, the university reserves the right to change, revise, update, add or delete any rule (**including rules regarding programme fees**) about these programmes, at any time. These modifications will be applicable to all students, **including previously admitted students**.

FOR STUDY CENTERS OUTSIDE MAHARASHTRA

Due to recent amendment in the act, this university is now allowed to establish study centers, even outside the state of Maharashtra. However, the institute which is not located in the state of Maharashtra, but applying for the 'Study Center Recognition', is required to get local government's '**Approval**' or '**No Objection Certificate**', for establishing study center for academic programmes of this university.

DETAIL PROGRAMME RULES

Detail programme rules are available on the web site at http://www.ycmou.com/lms/. These online details shall be integral part of this brief prospectus. Students are required to carefully **read and agree** these online detail programme rules before admission.

LATEST UPDATE POLICY

The information compiled in this prospectus is believed to be accurate when sent for printing. Latest updated version of this prospectus shall be available for free download in PDF file format at http://www.ycmou.com/lms/. Hence, students are advised to refer website for **latest updated copy** of this prospectus.

SOME DEFINITIONS

In this document, unless the context otherwise requires, following definitions shall apply.

GENERAL

1. "**University**" means - Yashwantrao Chavan Maharashtra Open University, located at Nashik, Maharashtra, India.

2. "**Act**" means - Act XX-(1989) (Amended by Act No XII of 2003) of the Maharashtra State Legislature.

3. "**Academic Year**" means - duration of 1 year which starts from '01-Aug' and ends on '31-Jul'.

4. "**Semester**" means - a group of some courses, which are offered during a time block of 6 months.
   a. Odd numbered semesters like 01, 03, 05, 07 and 09 starts from '01-Aug' and ends on '31-Jan'.
   b. Even numbered semesters like 02, 04, 06, 08 and 10 starts from '01-Feb' and ends on '31-Jul'.

5. "**Self-Instructional Material**" means - the learning material which is specially designed for the Open University students. This material is designed in such a manner that the students are able to understand most of the subject matter even in the absence of a teacher.

6. "**Session**" means - a time slot for a particular activity. Duration of counseling session is either 45 or 180 minutes, while for end examination it is either 180 or 240 minutes.

Course Types	Session Duration in Min for Counseling Session	Session Duration in Min for End Exam
Theory Courses	40 / 60	180
Studio Courses	180	180
Practical Courses	180	180
Project-Work Courses	40 / 60	180

7. "**Batch**" means - a group of students.

Course Types	Batch for Counseling Session	Batch for End Exam

Theory Courses	Architecture: 40 Science: 60 Technology: 60	30
Studio Courses	Architecture: 20	15
Practical Courses	Science: 30 Technology: 30	15
Project-Work Courses	Architecture: 10 Science: 15 Technology: 15	10

PROGRAMMES AND COURSES

1. "**Credit Point (CP)**" means - number of study hours, in multiples of 30 clock hours that an average learner has to devote for effective learning. Thus, for 1 CP, an average learner has to devote 30 clock hours to complete the study of the course. Study includes several activities like reading books, taking notes, solving problems, undergoing tests, performing experiments in laboratories, thinking, etc.

2. "**Academic Programme**" means - a collection of correlated courses, which one must successfully complete in order to earn a certification by the university. Certification may be by certificate, diploma, advance diploma, graduate degree, postgraduate diploma, postgraduate degree or doctoral degree.

3. "**Courses**" means - any single component of an academic programme (usually called as subjects) which one has to successfully complete, in order to earn a certification by the university. Courses may be of different types like theory, practical, Term-Work, studio Viva or project work. Each course is given a unique course code.

STUDY CENTER

1. "**Study Center**" means - a place where the students attend the counseling sessions and get other relevant services like delivery of self-instructional books, Internet access, admission, examination and communication with university head office.

2. "**Programme Coordinator**" means - a person in charge of the administrative and academic affairs at the study center. He plans the availability of counselors, looks after the distribution of self-instructional materials, arranges and coordinates counseling sessions, etc.

3. "**Study Center Head**" means - the head of the study center who is normally the principal of the institution, where study center is located. He may not participate in the day to day activities of the study center, but will play an active role in case of any serious problem at the study center.

DACECT

1. "**Direct Admission (DA)**" means - due to higher pre-qualification than specified minimum eligibility, after receipt of the application in the prescribed format along with supporting documents, students shall be directly admitted to (1) specified higher semester and (2) all those courses at lower semesters which are not exempted. Even course exemptions for specified courses at lower semesters shall be confirmed along with direct admission.

Students are allowed to apply for direct admission **only once before the fresh admission**. Only within valid registration period, students are required to successfully complete in end exam (**as permitted by the end exam time table**) all those courses at lower semesters which are not exempted. Hence, total time duration of the academic programme may be reduced and student is not required to pay fees for the lower semesters. Direct admission shall be given only when student apply for it, in a prescribed format along with (1) payment of specified fees and (2) attested photocopies of specified documents.

2. "**Course Exemption (CE)**" means - the student who successfully complete with normally minimum 50% or better marks in specified subjects with **similar syllabus but with different evaluation pattern**, in the exams conducted by the **either Board or university**, are exempted from certain courses of these programmes. If course exemption is sanctioned, the student need not appear in any examination for that course, as it is treated as a successfully completed. But no previous performance is used for reporting in Mark-Sheet. Only mark of exemption, that is 'X', is put against exempted course. Students are allowed to apply for course exemptions only **once before the fresh admission**. Course Exemptions shall be given only when student apply for it, in a prescribed format along with (1) payment of specified fees and (2) attested photocopies of specified documents. Normally, Course exemptions are given only along with the direct admission. Thus, normally, if student is not eligible for the direct admission, course exemptions shall not be given for any course at any semester.

3. "**Credit Transfer (CT)**" means - the student who successfully complete specified subjects with **similar syllabus and evaluation pattern**, in the exams conducted by the **either Board or university** are exempted from certain courses of these programmes. If credit transfer is sanctioned, the student need not appear in any examination for that course, as it is treated as a successfully completed. Previous marks (or in case of grades, equivalent mean marks of the grade range) are used as it is for reporting in Mark-Sheet. Students are allowed to apply for credit transfers only **once before the fresh admission**. Credit transfers shall be given only when student apply for it, in a prescribed format along with (1) payment of specified fees and (2) attested photocopies of specified documents.

4. "**DACECT Form**" is the prescribed format of application for Direct Admission, Course Exemptions and Credit Transfers. All "DACECT forms" must reach university only during the specified duration for the admission.

ADMISSION

1. "**Annual Admission**" means – Normally, admission is given only once in a year (typically in June/July) to 2 semesters, that is, odd and even numbered semesters, in an academic year. Thus, along with the admission form, students shall be required to pay 'University Fee (UF)' for both semesters and 'Exam Fee (EF)' for the first compulsory attempt for end exam for all courses at both semesters.

2. "**Fresh Admission**" means - **First** admission to the academic programme. Normally, fresh admission is given to the lowest numbered semester or in case of the direct admission, to the specified higher semester of the programme. Students are required to apply for fresh admission in the prescribed format along with the attested photocopies of specified documents and payment of the specified fees for the programme.

3. "**Further Admission**" means - **all next** admissions (**after first admission**) to the each successively higher numbered semester of the academic programme. Students are required to apply for further admission, to **each** successively higher numbered semester of the academic programme, in the prescribed format along with the attested photocopies of specified documents and payment of the specified fees for the programme.

4. "**Admission Form**" means - the prescribed format of application for either fresh or further admission. All admission forms must reach university only during the specified duration for the admission.

5. "**Student Registration**" means - confirmation of the admission of the student to the specified semester of the academic programme by the university, after submission of a completed admission form along with photocopies of specified documents and payment of the specified fees for the programme. **Student registration is valid only during registration period**. The university assigns unique 'Student ID' to each student. The university also assigns unique 'Permanent Registration Number (PRN)' to each student when he/she is registered for the academic programme during fresh admission.

6. "**Student Registration Data**" means - complete information, excluding examination performance data, about student like Student ID, Name, Address, Study center, Project and Project Guide allotted, Fee payment status, course exemptions or Credit Transfer status etc.

7. "**Registration Period**" means - consecutive 5 semesters (2½ years), which starts from the semester to which student's admission is confirmed by the university. Only within valid registration period, students are allowed to (1) attend counseling sessions at the allotted study center and (2) appear in End Exam (as permitted by the end exam time table) for all those courses where he/she is already admitted by the university. **Extension of registration period shall not be allowed.** Hence, if student cannot successfully complete any course, within maximum 5 attempts for end exam during the valid registration period, then he/she is **permanently dropped out** from the respective academic programme.

COUNSELING

1. "**Counseling Sessions (CS)**" means - sessions conducted at study centers, during which a qualified person explains and clarifies doubts/difficulties of the students. During counseling sessions, students also perform practical or studio activities or project work in study center laboratory or studio. Last 4-5 hours of counseling for each course in a

semester are reserved for assessment and feedback about "Continuous Assessment (CA)".

2. "**First Contact Session**" means a session conducted on the first day of the semester for distribution of learning material after collection of 'Study Center Fee' and 'Library Deposit'.

3. "**Counselor**" means - a qualified and experienced person at SC, who conducts counseling sessions and helps the students in solving their difficulties. He also helps the students to perform practical or studio activities or project work in study center laboratory or studio.

EXAMINATION

FROM 2010 PATTERN ONWARDS

1. "**Continuous Assessment (CA)**" means - '**Open-Book Formative Evaluation with no supervision**' by the Counselor for the respective course at each study center. CA for each credit point block shall be for 5 marks only.

2. "**End Examination (EE)**" means - '**Closed-Book Summative Evaluation under supervision**', which is an examination conducted by the University at the designated 'Exam Centers' under supervised conditions, at the end of the each semester for all courses. EE for each credit point block shall be for 20 marks only.

3. "**EE Attempt**" means - option offered by the university to the student, for choosing to appear in any end examination during the valid registration period. EE attempts are counted for each option offered by the university to the student, irrespective of whether student actually chooses to appear in end exam or not.

4. "**Exam Form**" means - the prescribed format of application for the end exam of only backlog courses, that is, all those courses which are not successfully completed by the student. Only repeater students are required to submit exam form, for only backlog courses, along with the payment for specified 'Exam Fee (EF)'. All exam forms must reach university only during the specified duration.

5. "**Long Answer type Question (LAQ)**" means – a supply type question of 15 marks, which requires typical answer of about 45 lines (≈ 1½ Pages) in about 24-30 minutes. This question may be composed of smaller sub-questions without options, having marks in multiple of 5. Students shall have **choice of answering 1 LAQ out of 2 LAQs** on each credit point block in end exam for any theory type of course.

6. "**Short Answer type Question (SAQ)**" means - a supply type question of 5 marks, which requires typical answer of about 15 lines (≈ ½ Pages) in about 08-10 minutes. Students **do not have choice of answering** as he/she is required to answer 1 SAQ out of 1 SAQ on each credit point block in 'Continuous Assessment (CA)' and 'End Exam (EE)' for any theory type of course.

7. "**Total Marks (TM)**": 'Total Marks (TM)' shall be sum of "Continuous Assessment (CA)" marks and "End Examination (EE)" marks acquired by the student in each course.

8. "**Grace Factor**" means ratio of 'Maximum Total Marks' to 'Maximum Total Marks earned by any student in the given end exam' of the respective course.

9. "**Percentile Marks**" means the marks computed and reported for the course in the mark-statement, which is 'Total Marks (TM)' multiplied by the 'Grace Factor' rounded to nearest integer.

10. "**Successful Completion of the Course**" means - either course is exempted **or** student gets minimum 50% **or** better percentile marks, **either** in end examination of that course **or** by credit transfer.

BEFORE 2010 PATTERN

1. "**End Examination (EE)**" means - **'Closed-Book Summative Evaluation under supervision**', which is an examination conducted by the University at the designated 'Exam Centers' under supervised conditions, at the end of the each semester for all courses. EE for each credit point block shall be for 25 marks only.

2. "**EE Attempt**" means - option offered by the university to the student, for choosing to appear in any end examination during the valid registration period. EE attempts are counted for each option offered by the university to the student, irrespective of whether student actually chooses to appear in end exam or not.

3. "**Exam Form**" means - the prescribed format of application for the end exam of only backlog courses, that is, all those courses which are not successfully completed by the student. **Only repeater students are required to submit exam form**, for only backlog courses, along with the payment for specified 'Exam Fee (EF)'. All exam forms must reach university only during the specified duration.

4. "**Long Answer type Question (LAQ)**" means – a supply type question of 20 marks, which requires typical answer of about 60 lines ($\approx$ 2 Pages) in about 32-40 minutes. This question may be composed of smaller sub-questions without options, having marks in multiple of 5. Students shall have **choice of answering 1 LAQ out of 2 LAQs** on each credit point block in end exam for any theory type of course.

5. "**Short Answer type Question (SAQ)**" means - a supply type question of 5 marks, which requires typical answer of about 15 lines ($\approx$ ½ Pages) in about 08-10 minutes. Students **do not have choice of answering** as he/she is required to answer 1 SAQ out of 1 SAQ on each credit point block in 'End Exam (EE)' for any theory type of course.

6. "**Total Marks (TM)**": 'Total Marks (TM)' shall be total marks acquired by the student in each course in 'End Examination (EE)'.

7. "**Successful Completion of the Course**" means - either course is exempted or student gets minimum specified or better marks, either in end examination of that course or by credit transfer.

ELEARNING

1. "**SCORM Module**" means - "well prepared high quality multimedia lectures" (in a module form) from the master trainer, which are followed by discussion and/or tutorial along with real Counselor. These modules will be developed on few selected difficult topics/courses. Typically, about 5-10 LMs will be developed in a phased manner for 1-CP course contents.

2. "**Discussion Forum**" means - a web site where a student or a Counselor from any Study Center, can "post or write" threaded questions, answers or comments about a course or Programme. It also allows student to edit his own previous posts. Hence, it is an excellent place where student can sharpen his writing skills, by refining his own previous posts, after receiving feedback from other students and online counselor. It also allows anyone to search all previously posted questions, answers or comments, about a specific topic in a course or Programme, using combination of few keywords.

3. "**Online Counselor**" means - a qualified and experienced expert appointed by the university who interacts with the students, only through use of Learning Management System (LMS), for clarifying their doubts/difficulties.

4. "**Learning Management System (LMS)**" means - a web application which facilitates and administers 'Any Time, Any Where, Any Pace' online learning, either in synchronous or asynchronous mode by an instructor.

5. "**ELearning**" means - the continuous assimilation of knowledge and skills by learners, **stimulated** by synchronous and asynchronous learning events, which are authored, delivered, engaged with, supported, and administered using web technologies.

6. "**Learning Cycle**" means - independent and dependent learning activities, which student must perform in cyclic order for an effective learning.

ABOUT SCHOOL

VISION

The School of Science and Technology will offer educational services in Science and technology discipline using such operational and Academic principles that optimize.

- Academic Quality
- Relevance to present needs of Industry, Society and Learners.
- Time Quality
- Cost-effectiveness for learners and the University.

MISSION

Quality Education, with cost effectiveness, anywhere, anytime!

Programmes on Offer

The following Academic Programmes are on offer from the School of Architecture, Science & Technology during academic year 2011-2012. Click on the Programme Code or Programme Name in this table at http://www.ycmou.com/lms/ to browse respective Programme page!

Level	New Programmes Admission: Fresh **Yes**, Further **Yes** New SC Recognition: **Yes**	Old Programmes Admission: Fresh **No**, Further **Yes** New SC Recognition: **No**
Architecture and Design		
Diploma	**V40**: Foundation Diploma in Architecture and Design {2011 Pattern}	-
UG	**V21**: B.Des. (Interior Design) {2010 Pattern} **V22**: B.Arch. (General) {2010 Pattern}	**T63**: B.Arch (General)
PG	**V41**: M.Arch. (General) {2011 Pattern} **V42**: M.Arch. (Construction Management) {2011 Pattern} **V43**: M.Arch. (Environmental Architecture) {2011 Pattern} **V44**: M.Arch. (Urban and Regional Planning) {2011 Pattern}	**T64**: M.Arch. (General) **T65**: M.Arch. (Construction Management) **T66**: M.Arch. (Environmental Architecture) **T67**: M.Arch. (Urban and Regional Planning)
Science		
UG	**V26**: B.Sc. (Nautical Science) {2010 Pattern} **T82**: B.Sc. (Bio-Technology) **T80**: B.Sc. (Bio-Informatics) **V45**: B.Sc. (Actuarial Science) {2011 Pattern}	**T96**: B.Sc. (Actuarial Science)
PG Diploma	**V48**: PG Diploma (Actuarial Applications) {2011 Pattern} **V49**: PG Diploma in Bio-informatics {2011 Pattern}	-
PG	**T83**: M.Sc. (Bio-Technology) **T81**: M.Sc. (Bio-Informatics) **V46**: M.Sc. (Actuarial Science) {2011 Pattern} **V47**: M.Sc. (Industrial Engineering) {2011 Pattern}	**T68**: M.Sc. (Urban and Regional Planning) **T98**: M.Sc. (Actuarial Science)
Engineering and Technology		
Certificate	**V50**: Online Certificate (Engineering Drawing)	-
Diploma	**T03**: Diploma in Computer Technology {2010 Pattern} **T05**: Diploma in Industrial Electronics {2010 Pattern} **T06**: Diploma in Instrumentation Engineering {2010 Pattern} **T07**: Diploma in Communication Engineering {2010 Pattern} **T24**: Diploma in Mechanical Engineering {2010 Pattern} **T50**: Diploma in Production Engineering {2010 Pattern} **T51**: Diploma in Automobile Engineering {2010 Pattern} **T52**: Diploma in Thermal Engineering {2010 Pattern}	-

Level	New Programmes Admission: Fresh **Yes**, Further **Yes** New SC Recognition: **Yes**	Old Programmes Admission: Fresh **No**, Further **Yes** New SC Recognition: **No**
UG	**V23**: B.Tech. (Marine Engineering) {2010 Pattern}	**T33**: B.Tech. (Marine Engineering) **T34**: B.Tech. (Electronics Engineering) **T35**: B.Tech. (Mechanical Engineering)

ABOUT STUDY CENTERS

WORKING HOURS

For ensuring minimum specified Face-To-Face counseling support, study centers are expected to ensure minimum specified working hours in each week. Study center may arrange Face-To-Face counseling on specified number of wording days in each week, for at least 15 + 3 = 18 weeks in each semester. As per the convenience of majority of students, study centers shall be allowed to arrange more hours of counseling on local weekly off days and holidays. Study center must prominently display their normal working hours on the notice board and on the "Student's Forum" at http://www.ycmou.com/lms/.

STUDENT IN-TAKE

For each study center, as per the available infrastructural facilities, university may sanction maximum "Student Intake Capacity" of specified number of Fresh Admissions at each semester. Normal Student Intake Capacity specified for different academic programmes is as follows:

Programme	Student Intake Capacity for UG	Student Intake Capacity for PG
Architecture	40	20
Science	40	20
Technology	30 or 60	20

FUNCTIONS OF STUDY CENTER

Functions of each recognized study center is as follows:

- Payment of honorarium to all academic and administrative staff members
- Organizing local Programme Advertisement and Publicity
- Payment of TA/DA to the study center staff or charges for 'Speed Post with AD', for sending Admission and Exam forms to the University, so as to reach before the specified last day.
- Payment of Internet Charges, for providing total 30 hours free graphic access in each semester to each student for Internet or Email. This includes:
  - Online counseling and communication with the university and 'Online Counselors' through discussion forum on web.
  - Access to open source ELearning resource on web and Research using web
- Conduct of minimum specified number of counseling sessions for each course.

- Local Information and communication center for students for the matter related to university and programme.
- Provide required infrastructure, Laboratory facilities
- Provide required Laboratory consumable, water & electricity etc.
- Provide charges for Depreciation, maintenance and repair of Laboratory set-up
- Provide quality educational services from motivated, talented & qualified academic staff

ABOUT PROGRAMMES

ATTENDANCE

For all academic programmes regular and full attendance for all counseling sessions is highly recommended for better chances of successful completion of the course. Normally, minimum 80% attendance shall be essential for counseling sessions for all courses. Attestation by the study center on "End Exam Hall Ticket" shall certify this minimum attendance.

Successful completion of all specified Practical, Term-Work, Studio Viva or Project-Work activities and its certification by the respective counselor at study center and Programme coordinator shall be essential before the end exam of that Practical, Term-Work, Studio Viva or Project-Work.

EQUIVALENCE STATUS

Due to statutory powers conferred by an act "XX (1989)" of Maharashtra state legislature and the recognition by the "University Grants Commission of India", this university is fully empowered to award various academic certifications like certificates, diplomas, and graduate, post-graduate, doctoral degrees. This university also takes all precautions, at all programme stages from "Curriculum Design" to "Examination", to ensure that the standards and quality of, education and examinations are preserved.

All architecture graduate and post-graduate programmes are duly recognized and approved by the "Council of Architecture (CoA)". Hence, after successful completion of the undergraduate degree programme (that is, B.Arch.), student can register with the "Council of Architecture (CoA)" after specified duration of professional training. **Student shall be entitled to practice as an architect after such registration**.

All these degree and post-graduate degree programmes are duly recognized and approved by the "Distance Education Council (DEC)" and the "University Grant Commission (UGC)". The legal status of this university is at par with all other statutory universities of India.

INFORMATION AT A GLANCE

Following abbreviations (**arranged alphabetically**) are used:

- **AE**: Admission Eligibility

- **AFA**: Payable amount along with the Admission Form which includes University Fee (UF) + Exam Fee (EF) for first compulsory exam attempt in (Odd and Even) two semesters of each academic year.
- **Apvl**: Approvals from Statutory Authorities
- **ASF**: Additional Services Fee
- **ATF**: Aptitude Test Fee
- **DACECT**: Direct Admission, Course Exemption, Credit Transfer
- **C**: Category of Programme
- **CA**: Continuous Assessment
- **CE**: Certification Eligibility
- **EE**: End Examination
- **EF**: Exam Fee
- **FT-FTF-EWEL**: Full Time Face-To-Face Enhanced with ELearning
- **L**: Level of Programme
- **LD**: Library Deposit
- **M**: Teaching-Learning Mode of Programme
- **MA**: Maximum number of Attempts
- **MDP**: Minimum Duration of Programme
- **MoI**: Medium of Instruction of Programme
- **MRA**: Minimum Required Attendance for Programme
- **NA**: Not Applicable
- **P**: Pattern (Semester / Annual) of Programme
- **RS**: Reporting Semesters
- **SCF**: Study Center Fee
- **Sylb**: Syllabus location
- **Total**: Total Tuition Fee
- **UF**: University Fee
- **VRP**: Valid Registration Period

ARCHITECTURE AND DESIGN

Programme	Essential Information	**Fees and Deposit** in INR for **each** semester. EF is for **each** attempt for **each** course.	**Admission**: Single admission for 2 semesters in each year	Examination
New Programmes: Fresh Admission–Yes, Further Admission-Yes				
Foundation Diploma				

Programme	Essential Information	Fees and Deposit in INR for each semester. EF is for each attempt for each course.			Admission: Single admission for 2 semesters in each year	Examination
V40: Foundation Diploma in Architecture and Design (FDAD) {2011 Pattern} **Semesters**: 4 **CPs**: 96 **Courses**: 24	**C**: Architecture **L**: Diploma **M**: FT-FTF-EWEL **P**: Semester **MDP**: 2 years after SSC **MoI**: English **MRA**: Min 80% **Apvl**: UGC, DEC, CoA **Sylb**: Website **DACECT**: NA	**Desc**	**Amount**		**AE**: Fresh: SSC (10TH) or eq Pass. **VRP**: consecutive 5 semesters	**CE**: Min 50% **RS**: Sem 03 and 04 **MA**: **CA**: Single Attempt **EE**: 5 attempts during consecutive 5 semesters
		UF	2,100			
		EF	100/T 200/STW			
		SCF	9,000			
		ASF	1,000			
		Total	13,000			
		LD	2,000			
		AFA	Year 1	6,000		
			Year 2	6,000		
Under-Graduate Degree						
V21: B.Des. (Interior Design) {2010 Pattern} **Semesters**: 8 **CPs**: 192 **Courses**: 47	**C**: Architecture **L**: Under-Graduate **M**: FT-FTF-EWEL **P**: Semester **MDP**: 4 years after HSC **MoI**: English **MRA**: Min 80% **Apvl**: UGC, DEC **Sylb**: Website **DACECT**: NA	**Desc**	**Amount**		**AE**: **Fresh**: HSC (12TH) or eq Pass. **Further**: Semester '1 to x' pass for Semester 'x+4' admission where 'X' is odd number. **VRP**: consecutive 5 semesters	**CE**: Min 50% **RS**: Sem 07 and 08 **MA**: **CA**: Max Single Attempt **EE**: Max 5 during consecutive 5 semesters
		UF	5,400			
		EF	150/T 250/STW, 400/SV			
		SCF	21,000			
		ASF	8,000			
		Total	36,000			
		LD	2,000			
		AFA	Year 1	14,500		
			Year 2	14,000		
			Year 3	14,000		
			Year 4	13,600		
V22: B.Arch. (General) {2010 Pattern} **Semesters**: 10 **CPs**: 240 **Courses**: 62	**C**: Architecture **L**: Under-Graduate **M**: FT-FTF-EWEL **P**: Semester **MDP**: 5 years after HSC **MoI**: English **MRA**: Min 80% **Apvl**: UGC, DEC, CoA **Sylb**: Website **DACECT**: Available	Desc	Amount		**AE**: **Fresh**: HSC (12TH) or eq Pass (min 50%) with Maths + Valid Min 40% score in NATA. **Further**: Semester '1 to x' pass for Semester 'x+4' admission where 'X' is odd number. **VRP**: consecutive 5 semesters	**CE**: Min 50% **RS**: Sem 07 and 08 **MA**: **CA**: Max Single Attempt **EE**: Max 5 during consecutive 5 semesters
		UF	5,400			
		EF	150/T 250/STW, 400/SV			
		SCF	21,000			
		ASF	8,000			
		Total	36,000			
		LD	2,000			
		AFA	Year 1	14,000		
			Year 2	14,000		
			Year 3	14,000		
			Year 4	14,100		
			Year 5	15,600		
Post-Graduate Degree						

Programme	Essential Information	Fees and Deposit in INR for each semester. EF is for each attempt for each course.		Admission: Single admission for 2 semesters in each year	Examination
V41: M.Arch. (General) {2011 Pattern} **Semesters**: 4 **CPs**: 96 **Courses**: 20	**C**: Architecture **L**: Post-Graduate **M**: FT-FTF-EWEL **P**: Semester **MDP**: 2 years after B.Arch. **MoI**: English **MRA**: Min 80% **Apvl**: UGC, DEC, CoA **Sylb**: Website **DACECT**: NA	**Desc** / **Amount** UF: 6,400 EF: 150/T 250/STW, 400/SV SCF: 24,000 ASF: 8,000 Total: 40,000 LD: 2,000 AFA: Year 1 15,700 / Year 2 15,050		**AE**: **Fresh**: B.Arch. or eq Pass. **VRP**: consecutive 5 semesters	**CE**: Min 50% **RS**: Sem 03 and 04 **MA**: **CA**: Max Single Attempt **EE**: Max 5 during consecutive 5 semesters
V42: M.Arch. (Construction Management) {2011 Pattern} **Semesters**: 4 **CPs**: 96 **Courses**: 20	**C**: Architecture **L**: Post-Graduate **M**: FT-FTF-EWEL **P**: Semester **MDP**: 2 years after B.Arch. or B.E. / B.Tech. (Civil) **MoI**: English **MRA**: Min 80% **Apvl**: UGC, DEC, CoA **Sylb**: Website **DACECT**: NA	**Desc** / **Amount** UF: 6,400 EF: 150/T 250/STW, 400/SV SCF: 24,000 ASF: 8,000 Total: 40,000 LD: 2,000 AFA: Year 1 15,700 / Year 2 15,050		**AE**: Fresh: B.Arch. or B.E. / B.Tech. (Civil) or eq Pass. **VRP**: consecutive 5 semesters	**CE**: Min 50% **RS**: Sem 03 and 04 **MA**: **CA**: Max Single Attempt **EE**: Max 5 during consecutive 5 semesters
V43: M.Arch. (Environmental Architecture) {2011 Pattern} **Semesters**: 4 **CPs**: 96 **Courses**: 20	**C**: Architecture **L**: Post-Graduate **M**: FT-FTF-EWEL **P**: Semester **MDP**: 2 years after B.Arch. **MoI**: English **MRA**: Min 80% **Apvl**: UGC, DEC, CoA **Sylb**: Website **DACECT**: NA	**Desc** / **Amount** UF: 6,400 EF: 150/T 250/STW, 400/SV SCF: 24,000 ASF: 8,000 Total: 40,000 LD: 2,000 AFA: Year 1 15,700 / Year 2 15,050		**AE**: Fresh: B.Arch. or eq Pass. **VRP**: consecutive 5 semesters	**CE**: Min 50% **RS**: Sem 03 and 04 **MA**: **CA**: Max Single Attempt **EE**: Max 5 during consecutive 5 semesters
V44: M.Arch. (Urban and Regional Planning) {2011 Pattern} **Semesters**: 4 **CPs**: 96 **Courses**: 20	**C**: Architecture **L**: Post-Graduate **M**: FT-FTF-EWEL **P**: Semester **MDP**: 2 years after B.Arch. **MoI**: English **MRA**: Min 80% **Apvl**: UGC, DEC, CoA **Sylb**: Website **DACECT**: NA	**Desc** / **Amount** UF: 6,400 EF: 150/T 250/STW, 400/SV SCF: 24,000 ASF: 8,000 Total: 40,000 LD: 2,000 AFA: Year 1 15,700 / Year 2 15,050		**AE**: Fresh: B.Arch. or eq Pass. **VRP**: consecutive 5 semesters	**CE**: Min 50% **RS**: Sem 03 and 04 **MA**: **CA**: Max Single Attempt **EE**: Max 5 during consecutive 5 semesters

Old Programmes: Fresh Admission–No, Further Admission-Yes

Under-Graduate Degree

Programme	Essential Information	Fees and Deposit in INR for each semester. EF is for each attempt for each course.		Admission: Single admission for 2 semesters in each year	Examination
T63: B.Arch. (General) {2005 Pattern} **Semesters**: 10 **CPs**: 200 **Courses**: 50	**C**: Architecture **L**: Under-Graduate **M**: Blended **P**: Semester **MDP**: 5 years after HSC **MoI**: English **MRA**: Min 75% **Apvl**: UGC, DEC, CoA **Sylb**: Website **DACECT**: Available	**Desc** | **Amount** UF | 3,100 EF | 130/T 300/SV SCF | 12,000 ASF | - Total | 16,090 LD | 2,000 AFA | Year 1 | 8,180 Year 2 | 8,180 Year 3 | 8,180 Year 4 | 8,180 Year 5 | 8,180		**AE**: Further: Semester '1 to x' pass for Semester 'x+4' admission where 'X' is odd number. **VRP**: consecutive 5 semesters	**CE**: Min 45%, Min 50% at RS **RS**: Sem 09 and 10 **MA**: **CA**: Max Single Attempt **EE**: Max 5 during consecutive 5 semesters

Post-Graduate Degree

Programme	Essential Information	Fees and Deposit		Admission	Examination
T64: M.Arch. (General) {2005 Pattern} **Semesters**: 4 **CPs**: 96 **Courses**: 20	**C**: Architecture **L**: Post-Graduate **M**: Blended **P**: Semester **MDP**: 2 years after B.Arch. **MoI**: English **MRA**: Min 75% **Apvl**: UGC, DEC, CoA **Sylb**: Website **DACECT**: NA	**Desc** | **Amount** UF | 3,100 EF | 130/T 300/SV SCF | 12,000 ASF | - Total | 16,090 LD | 2,000 AFA | Year 1 | 8,180 Year 2 | 8,180		**AE**: NA **VRP**: consecutive 5 semesters	**CE**: Min 45%, Min 50% at RS **RS**: Sem 13 and 14 **MA**: **CA**: Max Single Attempt **EE**: Max 5 during consecutive 5 semesters
T65: M.Arch. (Construction Management) {2006 Pattern} **Semesters**: 4 **CPs**: 96 **Courses**: 20	**C**: Architecture **L**: Post-Graduate **M**: Blended **P**: Semester **MDP**: 2 years after B.Arch. or B.E. / B.Tech. (Civil) **MoI**: English **MRA**: Min 80% **Apvl**: UGC, DEC, CoA **Sylb**: Website **DACECT**: NA	**Desc** | **Amount** UF | 3,100 EF | 130/T 300/SV SCF | 12,000 ASF | - Total | 16,090 LD | 2,000 AFA | Year 1 | 8,180 Year 2 | 8,180		**AE**: NA **VRP**: consecutive 5 semesters	**CE**: Min 45%, Min 50% at RS **RS**: Sem 13 and 14 **MA**: **CA**: Max Single Attempt **EE**: Max 5 during consecutive 5 semesters
T66: M.Arch. (Environmental Architecture) {2006 Pattern} **Semesters**: 4 **CPs**: 96 **Courses**: 20	**C**: Architecture **L**: Post-Graduate **M**: Blended **P**: Semester **MDP**: 2 years after B.Arch. **MoI**: English **MRA**: Min 80% **Apvl**: UGC, DEC, CoA **Sylb**: Website **DACECT**: NA	**Desc** | **Amount** UF | 3,100 EF | 130/T 300/SV SCF | 12,000 ASF | - Total | 16,090 LD | 2,000 AFA | Year 1 | 8,180 Year 2 | 8,180		**AE**: NA **VRP**: consecutive 5 semesters	**CE**: Min 45%, Min 50% at RS **RS**: Sem 13 and 14 **MA**: **CA**: Max Single Attempt **EE**: Max 5 during consecutive 5 semesters

Programme	Essential Information	Fees and Deposit in INR for **each** semester. EF is for **each** attempt for **each** course.		Admission: Single admission for 2 semesters in each year	Examination
T67: M.Arch. (Urban and Regional Planning) {2007 Pattern} **Semesters**: 4 **CPs**: 96 **Courses**: 20	**C**: Architecture **L**: Post-Graduate **M**: Blended **P**: Semester **MDP**: 2 years after B.Arch. **MoI**: English **MRA**: Min 80% **Apvl**: UGC, DEC, CoA **Sylb**: Website **DACECT**: NA	**Desc** / **Amount**: UF: 7,200 EF: 200/T 600/SV SCF: 24,000 ASF: - Total: 36,000 LD: 2,000 AFA: Year 1 18,000, Year 2 18,000		**AE**: NA **VRP**: consecutive 5 semesters	**CE**: Min 45%, Min 50% at RS **RS**: Sem 13 and 14 **MA**: **CA**: Max Single Attempt **EE**: Max 5 during consecutive 5 semesters

SCIENCE

Programme	Essential Information	Fees and Deposit in INR for each semester. EF is for each attempt for each course.		Admission: Single admission for 2 semesters in each year	Examination
New Programmes: Fresh Admission – Yes, Further Admission - Yes					
Under-Graduate Degree					
T80: B.Sc. (Bio-Informatics) **Semesters**: 6 **CPs**: 120 **Courses**: 30	C: Professional L: Under-Graduate M: Blended P: Semester MDP: 3 years after HSC MoI: English MRA: Min 75% Apvl: UGC, DEC Sylb: Website DACECT: NA	Desc / Amount: UF: 1,200 EF: 130/T 300/P SCF: 6,000 ASF: - Total: 8,020 LD: 2,000 AFA: Year 1 4,040, Year 2 4,040, Year 3 4,040		**AE**: Fresh: HSC (12TH) or eq Pass. **Further**: Semester '1 to x' pass for Semester 'x+4' admission where 'X' is odd number. **VRP**: consecutive 5 semesters	CE: Min 40%, Min 50% at RS RS: Sem 05 and 06 MA: CA: Single Attempt EE: 5 attempts during consecutive 5 semesters
T82: B.Sc. (Bio-Technology) **Semesters**: 6 **CPs**: 120 **Courses**: 30	C: Professional L: Under-Graduate M: Blended P: Semester MDP: 3 years after HSC MoI: English MRA: Min 75% Apvl: UGC, DEC Sylb: Website DACECT: NA	Desc / Amount: UF: 1,200 EF: 130/T 300/P SCF: 6,000 ASF: - Total: 8,020 LD: 2,000 AFA: Year 1 4,040, Year 2 4,040, Year 3 4,040		**AE**: Fresh: HSC (12TH) or eq Pass. **Further**: Semester '1 to x' pass for Semester 'x+4' admission where 'X' is odd number. **VRP**: consecutive 5 semesters	CE: Min 40%, Min 50% at RS RS: Sem 05 and 06 MA: CA: Single Attempt EE: 5 attempts during consecutive 5 semesters

Programme	Essential Information	Fees and Deposit in INR for each semester EF is for each attempt for each course.			Admission: Single admission for 2 semesters in each year	Examination
V45: B.Sc. (Actuarial Science) {2011 Pattern} **Semesters:** 6 **CPs:** 96 **Courses:** 24	C: Professional L: Under-Graduate M: FT-FTF-EWEL P: Semester MDP: 3 years after HSC MoI: English MRA: Min 75% Apvl: UGC, DEC Sylb: Website DACECT: Available	Desc	Amount		**AE**: Fresh: HSC (12TH) or eq Pass + Aptitude Test. **Further**: Semester '1 to x' pass for Semester 'x+4' admission where 'X' is odd number. **VRP**: consecutive 5 semesters	CE: Min 50% RS: Sem 05 and 06 MA: CA: Single Attempt EE: 5 attempts during consecutive 5 semesters
		UF	8,400			
		EF	1,400/T or P			
		SCF	42,000			
		ATF	500 one time			
		Total	56,000			
		LD	2,000			
		AFA	Year 1	28,000		
			Year 2	28,000		
			Year 3	28,000		
V26: B.Sc. (Nautical Science) {2010 Pattern} **Semesters:** 6 **CPs:** 136 **Courses:** 59	C: Professional L: Under-Graduate M: FT-FTF-EWEL (Residential) P: Semester MDP: 3 years after HSC MoI: English MRA: Min 75% Apvl: UGC, DEC Sylb: Website DACECT: NA	Desc	Amount		**AE**: Fresh: HSC (12TH) or eq Pass + Medical Test **Further**: Semester '1 to x' pass for Semester 'x+4' admission where 'X' is odd number. **VRP**: consecutive 5 semesters	CE: Min 50% RS: Sem 05 and 06 MA: CA: Single Attempt EE: 5 attempts during consecutive 5 semesters
		UF	6,500			
		EF	150/T 400/P			
		SCF	24,000			
		ASF	65,000			
		Total	97,000			
		LD	2,000			
		AFA	Year 1	18,400		
			Year 2	18,400		
			Year 3	17,300		

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Post-Graduate Diploma

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Programme	Essential Information	Fees and Deposit			Admission	Examination
V48: PG Diploma (Actuarial Applications) {2011 Pattern} Semesters: 2 CPs: 40 Courses: 10	C: Professional L: Post-Graduate Diploma M: FT-FTF-EWEL P: Semester MDP: 1 years after B.Sc. MoI: English MRA: Min 75% Apvl: UGC, DEC Sylb: Website DACECT: NA	Desc	Amount		AE: Fresh: B.Sc. (Actuarial Science) from YCMOU or eq Pass VRP: consecutive 5 semesters	CE: Min 50% RS: Sem 01 and 02 MA: CA: Single Attempt EE: 5 attempts during consecutive 5 semesters
		UF	13,000			
		EF	1,400/T or PW			
		SCF	60,000			
		ASF	-			
		Total	80,000			
		LD	2,000			
		AFA	40,000			
V49: PG Diploma (Bio-Informatics) {2011 Pattern} Semesters: 2 CPs: 40 Courses: 10	C: Professional L: Post-Graduate Diploma M: Blended P: Semester MDP: 1 years after B.Sc. MoI: English MRA: Min 75% Apvl: UGC, DEC Sylb: Website DACECT: NA	Desc	Amount		AE: Fresh: B.Sc. or eq Pass VRP: consecutive 5 semesters	CE: Min 50% RS: Sem 01 and 02 MA: CA: Single Attempt EE: 5 attempts during consecutive 5 semesters
		UF	3,200			
		EF	130/T 300/P			
		SCF	12,000			
		ASF	-			
		Total	16,020			
		LD	2,000			
		AFA	8,040			

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Post-Graduate Degree

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Programme	Essential Information	Fees and Deposit in INR for each semester — EF is for each attempt for each course.		Admission: Single admission for 2 semesters in each year	Examination
T81: M.Sc. (Bio-Informatics) Semesters: 4 CPs: 80 Courses: 20	C: Professional L: Under-Graduate M: Blended P: Semester MDP: 2 years after B.Sc MoI: English MRA: Min 75% Apvl: UGC, DEC Sylb: Website DACECT: NA	Desc / UF / EF / SCF / ASF / Total / LD / AFA	Amount 3,200 130/T 300/P 12,000 - 16,020 2,000 Year 1: 8,040 / Year 2: 8,040	AE: Fresh: B.Sc. or eq Pass VRP: consecutive 5 semesters	CE: Min 40%, Min 50% at RS RS: Sem 09 and 10 MA: CA: Single Attempt EE: 5 attempts during consecutive 5 semesters
T83: M.Sc. (Bio-Technology) Semesters: 4 CPs: 80 Courses: 20	C: Professional L: Under-Graduate M: Blended P: Semester MDP: 2 years after HSC MoI: English MRA: Min 75% Apvl: UGC, DEC Sylb: Website DACECT: NA	Desc / UF / EF / SCF / ASF / Total / LD / AFA	Amount 3,200 130/T 300/P 12,000 - 16,020 2,000 Year 1: 8,040 / Year 2: 8,040	AE: Fresh: B.Sc. or eq Pass VRP: consecutive 5 semesters	CE: Min 40%, Min 50% at RS RS: Sem 09 and 10 MA: CA: Single Attempt EE: 5 attempts during consecutive 5 semesters
V47: M.Sc. (Industrial Engineering) {2011 Pattern} Semesters: 4 CPs: 80 Courses: 17	C: Professional L: Under-Graduate M: Blended P: Semester MDP: 2 years after HSC MoI: English MRA: Min 75% Apvl: UGC, DEC Sylb: Website DACECT: NA	Desc / UF / EF / SCF / ASF / Total / LD / AFA	Amount 3,200 130/T 300/P 12,000 - 16,020 2,000 Year 1: 8,040 / Year 2: 7,650	AE: Fresh: Grad. IIIE exam or B.E. / B.Tech. or eq Pass VRP: consecutive 5 semesters	CE: Min 50% RS: Sem 03 and 04 MA: CA: Single Attempt EE: 5 attempts during consecutive 5 semesters
V46: M.Sc. (Actuarial Science) {2011 Pattern} Semesters: 4 CPs: 96 Courses: 24	C: Professional L: Post-Graduate M: FT-FTF-EWEL P: Semester MDP: 2 years after B.Sc. MoI: English MRA: Min 75% Apvl: UGC, DEC Sylb: Website DACECT: Available	Desc / UF / EF / SCF / ATF / Total / LD / AFA	Amount 15,600 1,400/T or P or PW 72,000 750 one time 96,000 2,000 Year 1: 48,000 / Year 2: 48,000	AE: Fresh: B.Sc. or eq Pass VRP: consecutive 5 semesters	CE: Min 50% RS: Sem 03 and 04 MA: CA: Single Attempt EE: 5 attempts during consecutive 5 semesters

Old Programmes: Fresh Admission – No, Further Admission - Yes

Under-Graduate Degree

Programme	Essential Information	Fees and Deposit in INR for each semester EF is for each attempt for each course.			Admission: Single admission for 2 semesters in each year	Examination
T96: B.Sc. (Actuarial Science) Semesters: 6 CPs: 96 Courses: 24	C: Professional L: Under-Graduate M: FT-FTF-EWEL P: Semester MDP: 3 years after HSC MoI: English MRA: Min 75% Apvl: UGC, DEC Sylb: Website DACECT: Available	Desc	Amount		**AE**: Further: Semester '1 to x' pass for Semester 'x+4' admission where 'X' is odd number. **VRP**: consecutive 5 semesters	CE: Min 50% RS: Sem 05 and 06 MA: CA: Single Attempt EE: 5 attempts during consecutive 5 semesters
		UF	7,200			
		EF	1,200/T			
		SCF	36,000			
		ATF	500 one time			
		Total	48,000			
		LD	2,000			
		AFA	Year	AFA		
			1	24,000		
			2	24,000		
			3	24,000		

<p align="center">Post-Graduate Degree</p>

Programme	Essential Information	Fees and Deposit in INR for each semester			Admission	Examination
T68: M.Sc. (Urban and Regional Planning) Semesters: 4 CPs: 80 Courses: 20	C: Professional L: Post-Graduate M: Blended P: Semester MDP: 2 years after B.Arch. MoI: English MRA: Min 80% Apvl: UGC, DEC, CoA Sylb: Website DACECT: NA	Desc	Amount		AE: NA VRP: consecutive 5 semesters	CE: 50% + RS: Sem 13 and 14 MA: CA: Max Single Attempt EE: Max 5 during consecutive 5 semesters
		UF	7,200			
		EF	200/T 600/SV			
		SCF	24,000			
		ASF	-			
		Total	36,000			
		LD	2,000			
		AFA	Year	AFA		
			1	18,000		
			2	18,000		
T98: M.Sc. (Actuarial Science) Semesters: 4 CPs: 96 Courses: 16	C: Professional L: Under-Graduate M: FT-FTF-EWEL P: Semester MDP: 2 years after B.Sc. MoI: English MRA: Min 75% Apvl: UGC, DEC Sylb: Website DACECT: Available	Desc	Amount		AE: NA VRP: consecutive 5 semesters	CE: Min 50% RS: Sem 09 and 10 MA: CA: Single Attempt EE: 5 attempts during consecutive 5 semesters
		UF	14,400			
		EF	1,800/T or PW			
		SCF	64,800			
		ATF	750 one time			
		Total	86,400			
		LD	2,000			
		AFA	Year	AFA		
			1	43,200		
			2	43,200		

ENGINEERING AND TECHNOLOGY

Programme	Essential Information	Fees and Deposit in INR for each semester EF is for each attempt for each course.	Admission: Single admission for 2 semesters in each year	Examination
New Programmes: Fresh Admission – Yes, Further Admission - Yes				
Online Certificate				

Programme	Essential Information	Fees and Deposit in INR for each semester. EF is for each attempt for each course.		Admission: Single admission for 2 semesters in each year	Examination
V50: Online Certificate in Engineering Drawing Semesters: 1 CPs: 4 Courses: 1	C: Professional L: Online Certificate M: Online P: Semester MDP: 6 months MoI: English MRA: Min 75% Apvl: UGC, DEC Sylb: Website DACECT: NA	**Desc** / **Amount** UF 200 EF - SCF 200 ASF - Total 400 LD - AFA 200		AE: Anyone VRP: 180 days	CE: NA RS: NA MA: CA: Multiple attempts during VRP EE: NA
Diploma					
T03: Diploma in Computer Technology {2010 Pattern} Semesters: 7 CPs: 140 Courses: 35	C: Professional L: Diploma M: Blended P: Semester MDP: 3½ years after SSC MoI: English MRA: Min 75% Apvl: UGC, DEC Sylb: Website DACECT: Available	**Desc** / **Amount** UF 1,500 EF 130/T 300/P, 300/PW SCF 5,600 ASF 1,000 Total 8,920 LD 2,000 AFA: Year 1 4,640 / Year 2 4,640 / Year 3 4,640 / Sem 7 2,320		**AE**: Fresh: SSC or eq pass. **Further**: Semester '1 to x' pass for Semester 'x+4' admission where 'X' is odd number. **VRP**: consecutive 5 semesters	CE: Min 50% RS: Sem 06 and 07 MA: CA: Single Attempt EE: 5 attempts during consecutive 5 semesters
T05: Diploma in Industrial Electronics {2010 Pattern} Semesters: 7 CPs: 140 Courses: 35	C: Professional L: Diploma M: Blended P: Semester MDP: 3½ years after SSC MoI: English MRA: Min 75% Apvl: UGC, DEC Sylb: Website DACECT: Available	**Desc** / **Amount** UF 1,500 EF 130/T 300/P, 300/PW SCF 5,600 ASF 1,000 Total 8,920 LD 2,000 AFA: Year 1 4,640 / Year 2 4,640 / Year 3 4,640 / Sem 7 2,320		**AE**: Fresh: SSC or eq pass. **Further**: Semester '1 to x' pass for Semester 'x+4' admission where 'X' is odd number **VRP**: consecutive 5 semesters	CE: Min 50% RS: Sem 06 and 07 MA: CA: Single Attempt EE: 5 attempts during consecutive 5 semesters
T06: Diploma in Instrumentation Engineering {2010 Pattern} Semesters: 7 CPs: 140 Courses: 35	C: Professional L: Diploma M: Blended P: Semester MDP: 3½ years after SSC MoI: English MRA: Min 75% Apvl: UGC, DEC Sylb: Website DACECT: Available	**Desc** / **Amount** UF 1,500 EF 130/T 300/P, 300/PW SCF 5,600 ASF 1,000 Total 8,920 LD 2,000 AFA: Year 1 4,640 / Year 2 4,640 / Year 3 4,640 / Sem 7 2,320		**AE**: Fresh: SSC or eq pass. **Further**: Semester '1 to x' pass for Semester 'x+4' admission where 'X' is odd number **VRP**: consecutive 5 semesters	CE: Min 50% RS: Sem 06 and 07 MA: CA: Single Attempt EE: 5 attempts during consecutive 5 semesters

Programme	Essential Information	Fees and Deposit in INR for each semester EF is for each attempt for each course.		Admission: Single admission for 2 semesters in each year	Examination
T07: Diploma in Communication Engineering {2010 Pattern} Semesters: 7 CPs: 140 Courses: 35	C: Professional L: Diploma M: Blended P: Semester MDP: 3½ years after SSC MoI: English MRA: Min 75% Apvl: UGC, DEC Sylb: Website DACECT: Available	**Desc**	**Amount**	**AE**: Fresh: SSC or eq pass. **Further**: Semester '1 to x' pass for Semester 'x+4' admission where 'X' is odd number. **VRP**: consecutive 5 semesters	CE: Min 50% RS: Sem 06 and 07 MA: CA: Single Attempt EE: 5 attempts during consecutive 5 semesters
		UF	1,500		
		EF	130/T 300/P, 300/PW		
		SCF	5,600		
		ASF	1,000		
		Total	8,920		
		LD	2,000		
		AFA	Year 1 — 4,640 Year 2 — 4,640 Year 3 — 4,640 Sem 7 — 2,320		
T24: Diploma in Mechanical Engineering {2010 Pattern} Semesters: 7 CPs: 140 Courses: 35	C: Professional L: Diploma M: Blended P: Semester MDP: 3½ years after SSC MoI: English MRA: Min 75% Apvl: UGC, DEC Sylb: Website DACECT: Available	**Desc**	**Amount**	**AE**: Fresh: SSC or eq pass. **Further**: Semester '1 to x' pass for Semester 'x+4' admission where 'X' is odd number. **VRP**: consecutive 5 semesters	CE: Min 50% RS: Sem 06 and 07 MA: CA: Single Attempt EE: 5 attempts during consecutive 5 semesters
		UF	1,500		
		EF	130/T 300/P, 300/PW		
		SCF	5,600		
		ASF	1,000		
		Total	8,920		
		LD	2,000		
		AFA	Year 1 — 4,640 Year 2 — 4,640 Year 3 — 4,640 Sem 7 — 2,320		
T50: Diploma in Production Engineering {2010 Pattern} Semesters: 8 CPs: 160 Courses: 40	C: Professional L: Diploma M: Blended P: Semester MDP: 4 years after SSC MoI: English MRA: Min 75% Apvl: UGC, DEC Sylb: Website DACECT: Available	**Desc**	**Amount**	**AE: Fresh**: SSC or eq pass. **Further**: Semester '1 to x' pass for Semester 'x+4' admission where 'X' is odd number. **VRP**: consecutive 5 semesters	CE: Min 50% RS: Sem 06 and 08 MA: CA: Single Attempt EE: 5 attempts during consecutive 5 semesters
		UF	1,500		
		EF	130/T 300/P, 300/PW		
		SCF	5,600		
		ASF	1,000		
		Total	8,920		
		LD	2,000		
		AFA	Year 1 — 4,640 Year 2 — 4,640 Year 3 — 4,640 Year 4 — 4,640		

Programme	Essential Information	Fees and Deposit in INR for each semester. EF is for each attempt for each course.		Admission: Single admission for 2 semesters in each year	Examination
T51: Diploma in Automobile Engineering {2010 Pattern} Semesters: 8 CPs: 160 Courses: 40	C: Professional L: Diploma M: Blended P: Semester MDP: 4 years after SSC MoI: English MRA: Min 75% Apvl: UGC, DEC Sylb: Website DACECT: Available	Desc	Amount	**AE: Fresh**: SSC or eq pass. **Further**: Semester '1 to x' pass for Semester 'x+4' admission where 'X' is odd number. **VRP**: consecutive 5 semesters	CE: Min 50% RS: Sem 06 and 08 MA: CA: Single Attempt EE: 5 attempts during consecutive 5 semesters
		UF	1,500		
		EF	130/T 300/P, 300/PW		
		SCF	5,600		
		ASF	1,000		
		Total	8,920		
		LD	2,000		
		AFA	Year 1	4,640		
			Year 2	4,640		
			Year 3	4,640		
			Year 4	4,640		
T52: Diploma in Thermal Engineering {2010 Pattern} Semesters: 8 CPs: 160 Courses: 40	C: Professional L: Diploma M: Blended P: Semester MDP: 4 years after SSC MoI: English MRA: Min 75% Apvl: UGC, DEC Sylb: Website DACECT: Available	Desc	Amount	**AE: Fresh**: SSC or eq pass. **Further**: Semester '1 to x' pass for Semester 'x+4' admission where 'X' is odd number. **VRP**: consecutive 5 semesters	CE: Min 50% RS: Sem 06 and 08 MA: CA: Single Attempt EE: 5 attempts during consecutive 5 semesters
		UF	1,500		
		EF	130/T 300/P, 300/PW		
		SCF	5,600		
		ASF	1,000		
		Total	8,920		
		LD	2,000		
		AFA	Year 1	4,640		
			Year 2	4,640		
			Year 3	4,640		
			Year 4	4,640		

Under-Graduate Degree

Programme	Essential Information	Fees		Admission	Examination
V23: B.Tech. (Marine Engineering) {2010 Pattern} Semesters: 8 CPs: 192 Courses: 56	C: Professional L: Under-Graduate M: FT-FTF-EWEL (Residential) P: Semester MDP: 4 years after HSC MoI: English MRA: Min 80% Apvl: UGC, DEC Sylb: Website DACECT: Available	Desc	Amount	**AE**: **Fresh**: HSC or eq pass with 60% in PCM and 50% in English at SSC or HSC + Qualifying Test + Medical Test. **Further**: Semester '1 to x' pass for Semester 'x+4' admission where 'X' is odd number **VRP**: consecutive 5 semesters	CE: Min 50% RS: Sem 07 and 08 MA: CA: Single Attempt EE: 5 attempts during consecutive 5 semesters
		UF	6,500		
		EF	150/T 400/P		
		SCF	24,000		
		ASF	65,000		
		Total	97,000		
		LD	2,000		
		AFA	Year 1	16,100		
			Year 2	16,100		
			Year 3	16,100		
			Year 4	16,350		

Old Programmes: Fresh Admission – No, Further Admission - Yes

Under-Graduate Degree

Programme	Essential Information	Fees and Deposit in INR for each semester EF is for each attempt for each course.		Admission: Single admission for 2 semesters in each year	Examination
T33: B.Tech. (Marine Engineering) {2004 Pattern} Semesters: 8 CPs: 192 Courses: 56	C: Professional L: Under-Graduate M: FT-FTF-EWEL (Residential) P: Semester MDP: 4 years after HSC MoI: English MRA: Min 80% Apvl: UGC, DEC Sylb: Website DACECT: NA	**Desc** / UF / EF / SCF / ASF / Total / LD / AFA	**Amount** / 4,900 / 130/T 300/P / 18,000 / 54,000 / 78,150 / 2,000 / Year 1: 12,300 / Year 2: 12,300 / Year 3: 12,300 / Year 4: 12,470	**AE: Further**: Semester '1 to x' pass for Semester 'x+4' admission where 'X' is odd number. **VRP**: consecutive 6 semesters	CE: Min 50% RS: Sem 07 and 08 MA: CA: Single Attempt EE: 5 attempts during consecutive 5 semesters
T34: B.Tech. (Electronics Engineering) {2004 Pattern} Semesters: 12 CPs: 240 Courses: 60	C: Professional L: Under-Graduate M: Blended P: Semester MDP: 6 years after SSC MoI: English MRA: Min 75% Apvl: UGC, DEC Sylb: Website DACECT: NA	**Desc** / UF / EF / SCF / ASF / Total / LD / AFA	**Amount** / 1,500 / 130/T 300/P, 300/PW / 5,600 / 1,000 / 8,920 / 2,000 / Year 1: 4,640 / Year 2: 4,640 / Year 3: 4,640 / Year 4: 4,640 / Year 5: 4,640 / Year 6: 4,640	**AE: Further**: Semester '1 to x' pass for Semester 'x+4' admission where 'X' is odd number. **VRP**: consecutive 6 semesters	CE: Min 50% RS: Sem 07 and 12 or if CE at Sem 07, then Sem 09 & 12. MA: CA: Single Attempt EE: 5 attempts during consecutive 5 semesters
T35: B.Tech. (Mechanical Engineering) {2004 Pattern} Semesters: 12 CPs: 240 Courses: 60	C: Professional L: Under-Graduate M: Blended P: Semester MDP: 6 years after SSC MoI: English MRA: Min 75% Apvl: UGC, DEC Sylb: Website DACECT: NA	**Desc** / UF / EF / SCF / ASF / Total / LD / AFA	**Amount** / 1,500 / 130/T 300/P, 300/PW / 5,600 / 1,000 / 8,920 / 2,000 / Year 1: 4,640 / Year 2: 4,640 / Year 3: 4,640 / Year 4: 4,640 / Year 5: 4,640 / Year 6: 4,640	**AE: Further**: Semester '1 to x' pass for Semester 'x+4' admission where 'X' is odd number. **VRP**: consecutive 6 semesters	CE: Min 50% RS: Sem 07 and 12 or if CE at Sem 07, then Sem 09 & 12. MA: CA: Single Attempt EE: 5 attempts during consecutive 5 semesters

LEARN AND EARN SCHEME

The 'Yashawantrao Chavan Maharashtra Open University (YCMOU)' and 'Yashaswi Institute of Technology (YIT)' have jointly developed an innovative concept namely 'Learn and Earn'. The Government of Maharashtra has approved this scheme and the students under the 'Learn and Earn' scheme have been declared as apprentice under the Apprenticeship Act

1961, up to the period of 4 years. The YCMOU conducts the exam and successful students will be awarded diploma from YCMOU. Presently, T05, T06, T24, T50, T51 are offered under this scheme.

Apart from the facilities such as canteen, uniform, safety shoes etc., the cost of the education is born by the respective industry. The industry pays the minimum stipend of

- Rs 5000/- for 1st year student,
- Rs 5500/- for 2nd year students,
- Rs 6000/- for 3rd year student,
- Rs 6500/- for 4th year student

Student should directly contact 'Yashaswi Institute of Technology (YIT)' for admission under this scheme. Contact details of YIT are as follows:

Yashaswi Institute of Technology (YIT)

S.No. 169/1/A, Opposite Elpro International, Chinchwad,
Pune – 411033.
Ph: (020) 27353727/28/29/30/32/33/34
Fax: 020 27354731

Fee Details for this scheme are as follows:

Desc	Amount			
UF	1,500			
EF	For Non-Reporting Semesters		For Reporting Semesters University EE Fee / semester	
	University EE Fee / semester	Study Center EE Fee / semester	130/T 300/P 300/PW	
	65/T 75/P 75/PW	65/T 225/P 225/PW		
SCF	-			
ASF	-			
Total	2,320			
LD	2,000			
AFA		Year 1	3,670	
		Year 2	3,670	
		*Sem 5	1835	
		*Sem 6	2,320	
		Sem 7	2,320	
	*Sem 5 and *Sem 6 to be paid together during 3rd year admission			

ABOUT COURSES

ARCHITECTURE AND DESIGN

V40: F. DIPLOMA IN ARCH. & DESIGN {2011 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
		Semester 01						
01	A27011	Mathematics 1	20	80	100	T	4	50%
02	A27012	Sciences 1	20	80	100	T	4	50%
03	A27013	Social Sciences 1	20	80	100	T	4	50%

SN	Code	Name	CA	EE	TM	Type	CP	Min %
04	A27014	Arts & Crafts 1	20	80	100	STW	4	50%
05	A27015	Communication Skills 1	20	80	100	STW	4	50%
06	A27016	Workshop 1	20	80	100	STW	4	50%
		Semester 02						
07	A27021	Mathematics 2	20	80	100	T	4	50%
08	A27022	Sciences 2	20	80	100	T	4	50%
09	A27023	Social Sciences 2	20	80	100	T	4	50%
10	A27024	Arts & Crafts 2	20	80	100	STW	4	50%
11	A27025	Communication Skills 2	20	80	100	STW	4	50%
12	A27026	Workshop 2	20	80	100	STW	4	50%
		Semester 03						
13	A27031	Mathematics 3	20	80	100	T	4	50%
14	A27032	Sciences 3	20	80	100	T	4	50%
15	A27033	Social Sciences 3	20	80	100	T	4	50%
16	A27034	Arts & Crafts 3	20	80	100	STW	4	50%
17	A27035	Communication Skills 3	20	80	100	STW	4	50%
18	A27036	Workshop 3	20	80	100	STW	4	50%
		Semester 04						
19	A27041	Mathematics 4	20	80	100	T	4	50%
20	A27042	Sciences 4	20	80	100	T	4	50%
21	A27043	Social Sciences 4	20	80	100	T	4	50%
22	A27044	Arts & Crafts 4	20	80	100	STW	4	50%
23	A27045	Communication Skills 4	20	80	100	STW	4	50%
24	A27046	Workshop 4	20	80	100	STW	4	50%

V21: B.Des. (Interior Design) {2010 Pattern}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
		Semester 01						
01	A21011	Fundamentals of Structures - 1	10	40	50	T	2	50%
02	A21012	Theory of Design	20	80	100	T	4	50%
03	A21013	Freehand Drawing and Geometric Construction	20	80	100	STW	4	50%
04	A21014	Material Exposure	20	80	100	STW	4	50%
05	A21015	Communication Skills	10	40	50	STW	2	50%
06	A21016	Introduction to Computers - 1	20	80	100	SV	4	50%
07	A21017	Fundamentals of Design - 1	20	80	100	SV	4	50%
		Semester 02						
08	A21021	Fundamentals of Structures - 2	10	40	50	T	2	50%
09	A21022	Research Strategies Design Process	20	80	100	T	4	50%
10	A21023	Analytical Drawing	20	80	100	STW	4	50%
11	A21024	Basic Photography	20	80	100	STW	4	50%
12	A21025	Humanities Art Appreciation and Appraisal	10	40	50	STW	2	50%
13	A21026	Introduction to Computers - 2	20	80	100	SV	4	50%
14	A21027	Fundamentals of Design - 2	20	80	100	SV	4	50%
		Semester 03						
15	A21031	History of Crafts and Interior Design - 1	20	80	100	T	4	50%
16	A21032	Interior Materials - 1	20	80	100	T	4	50%
17	A21033	Anthropometry and Ergonomics	10	40	50	STW	2	50%
18	A21034	Technical Drawing and Computer Applications	10	40	50	STW	2	50%
19	A21035	Interior Construction - 1	20	80	100	SV	4	50%

SN	Code	Name	CA	EE	TM	Type	CP	Min %
20	A21036	Interior Design - 1	40	160	200	SV	8	50%
Semester 04								
21	A21041	Building Services - 1	20	80	100	T	4	50%
22	A21042	Interior Materials - 2	20	80	100	T	4	50%
23	A21043 A22043	Elective: Poetry and Literature Elective: Journalism	10	40	50	STW	2	50%
24	A21044	Advance Computer Applications	10	40	50	STW	2	50%
25	A21045	Interior Construction - 2	20	80	100	SV	4	50%
26	A21046	Interior Design - 2	40	160	200	SV	8	50%
Semester 05								
27	A21051	Building Services - 2	20	80	100	T	4	50%
28	A21052	Interior Materials - 3	20	80	100	T	4	50%
29	A21053 A22053	Elective: Dance and Music Elective: Theatre and Film Making	10	40	50	STW	2	50%
30	A21054	Materials and Processes - 1	10	40	50	STW	2	50%
31	A21055	Interior Construction - 3	20	80	100	SV	4	50%
32	A21056	Interior Design - 3	40	160	200	SV	8	50%
Semester 06								
33	A21061	Building Services - 3	20	80	100	T	4	50%
34	A21062	Cost Estimation	20	80	100	T	4	50%
35	A21063 A22063	Elective: Human Interaction Elective: Marketing	10	40	50	STW	2	50%
36	A21064	Arts and Crafts	10	40	50	STW	2	50%
37	A21065	Interior Construction - 4	20	80	100	SV	4	50%
38	A21066	Interior Design - 4	40	160	200	SV	8	50%
Semester 07								
39	A21071	Building Services - 4	20	80	100	T	4	50%
40	A21072	Professional Practice	20	80	100	T	4	50%
41	A21073	Specifications and Controls	10	40	50	STW	2	50%
42	A21074	Product Semantics	10	40	50	STW	2	50%
43	A21075	Interior Landscape	20	80	100	SV	4	50%
44	A21076	Interior Design - 5	40	160	200	SV	8	50%
Semester 08								
45	A21081	Seminar – Thesis Topic	20	80	100	SV	4	50%
46	A21082	Dissertation (Case Study) – Thesis Topic	20	80	100	SV	4	50%
47	A21083	Interior Design - Thesis	80	320	400	SV	16	50%

V22: B.Arch. (General) {2010 Pattern}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
Semester 01								
01	A24011	Theory of Structures - 1	10	40	50	T	2	50%
02	A24012	Culture and Built Form - 1	10	40	50	T	2	50%
03	A24013	Architectural Drawing - 1	20	80	100	STW	4	50%
04	A24014	Art Studio - 1	20	80	100	STW	4	50%
05	A24015	Building Construction - 1	20	80	100	SV	4	50%
06	A24016	Architectural Design - 1	40	160	200	SV	8	50%
Semester 02								
07	A24021	Theory of Structures - 2	10	40	50	T	2	50%
08	A24022	Culture and Built Form - 2	10	40	50	T	2	50%
09	A24023	Architectural Drawing - 2	20	80	100	STW	4	50%

SN	Code	Name	CA	EE	TM	Type	CP	Min %
10	A24024	Art Studio - 2	20	80	100	STW	4	50%
11	A24025	Building Construction - 2	20	80	100	SV	4	50%
12	A24026	Architectural Design - 2	40	160	200	SV	8	50%
		Semester 03						
13	A24031	Theory of Structures - 3	10	40	50	T	2	50%
14	A24032	Culture and Built Form - 3	20	80	100	T	4	50%
15	A24033	Architectural Drawing - 3	10	40	50	STW	2	50%
16	A24034	Building Services & Sciences - 1	20	80	100	STW	4	50%
17	A24035	Building Construction - 3	20	80	100	SV	4	50%
18	A24036	Architectural Design - 3	40	160	200	SV	8	50%
		Semester 04						
19	A24041	Theory of Structures - 4	10	40	50	T	2	50%
20	A24042	Culture and Built Form - 4	20	80	100	T	4	50%
21	A24043	Architectural Drawing - 4	10	40	50	STW	2	50%
22	A24044	Building Services & Sciences - 2	20	80	100	STW	4	50%
23	A24045	Building Construction - 4	20	80	100	SV	4	50%
24	A24046	Architectural Design - 4	40	160	200	SV	8	50%
		Semester 05						
25	A24051	Theory of Structures - 5	10	40	50	T	2	50%
26	A24052	Culture and Built Form - 5	20	80	100	T	4	50%
27	A24053 A25053	Elective: Visual Communication Elective: Art in Architecture	10	40	50	STW	2	50%
28	A24054	Building Services & Sciences - 3	20	80	100	STW	4	50%
29	A24055	Building Construction - 5	20	80	100	SV	4	50%
30	A24056	Architectural Design - 5	40	160	200	SV	8	50%
		Semester 06						
31	A24061	Cost Estimation	10	40	50	T	2	50%
32	A24062	Culture and Built Form - 6	20	80	100	T	4	50%
33	A24063 A25063	Elective: Graphics & Printing Technology Elective: Photography & Architecture	10	40	50	STW	2	50%
34	A24064	Building Services & Sciences - 4	20	80	100	STW	4	50%
35	A24065	Building Construction - 6	20	80	100	SV	4	50%
36	A24066	Architectural Design - 6	40	160	200	SV	8	50%
		Semester 07						
37	A24071	Sociology	10	40	50	T	2	50%
38	A24072	Human Settlements	10	40	50	T	2	50%
39	A24073	Professional Practice -1	10	40	50	T	2	50%
40	A24074	Interior Architecture	10	40	50	STW	2	50%
41	A24075	Landscape Design	10	40	50	STW	2	50%
42	A24076	Special Structures	10	40	50	STW	2	50%
43	A24077	Seminar & Thesis Topic	10	40	50	STW	2	50%
44	A24078 A25078	Elective: Sales & Marketing Skills Elective: Film Making & Architecture	10	40	50	STW	2	50%
45	A24079	Architectural Design-7	40	160	200	SV	8	50%
		Semester 08						
46	A24081	Professional Practice -2	10	40	50	T	2	50%
47	A24082	Specifications & Controls	10	40	50	T	2	50%
48	A24083 A25083	Elective: Geographic Information Systems (GIS) Elective: Environmental Design	10	40	50	STW	2	50%
49	A24084	Dissertation - Thesis Special Topic	10	40	50	STW	2	50%

SN	Code	Name	CA	EE	TM	Type	CP	Min %
50	A24085	Architectural - Thesis	80	320	400	SV	16	50%
		Semester 09						
51	A24091	Presentation & Approval drawings – 1	20	80	100	SV	4	50%
52	A24092	Site Visits & Study - 1	20	80	100	SV	4	50%
53	A24093	Interaction with Consultants - 1	10	40	50	SV	2	50%
54	A24094	Field Observations Study	20	80	100	SV	4	50%
55	A24095	Office Administration & Log Book - 1	10	40	50	SV	2	50%
56	A24096	Working Drawings & Details - 1	40	160	200	SV	8	50%
		Semester 10						
57	A24101	Presentation & Approval drawings – 2	20	80	100	SV	4	50%
58	A24102	Site Visits & Study - 2	20	80	100	SV	4	50%
59	A24103	Interaction with Consultants - 2	10	40	50	SV	2	50%
60	A24104	Critical Appraisal	20	80	100	SV	4	50%
61	A24105	Office Administration & Log Book - 2	10	40	50	SV	2	50%
62	A24106	Working Drawings & Details - 2	40	160	200	SV	8	50%

V41: M.ARCH (GENERAL) {2011 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
		Semester 01						
01	A31011	Contemporary Architecture Trends & Theories	10	40	50	T	2	50%
02	A31012	Research Strategies	10	40	50	T	2	50%
03	A31013	Mass Housing design strategies and standards	20	80	100	STW	4	50%
04	A31014	Urban Design	20	80	100	STW	4	50%
05	A31015 A32015	Landscape Design Architectural Conservation	20	80	100	STW	4	50%
06	A31016	Design Studio 1	40	160	200	SV	8	50%
		Semester 02						
07	A31021	Project Assessment & Management	10	40	50	T	2	50%
08	A31022	Finance & Economics in Building Industry	10	40	50	T	2	50%
09	A31023	Advanced Building Construction Techniques	20	80	100	STW	4	50%
10	A31024	Advanced Building Services & Design With Climate	20	80	100	STW	4	50%
11	A31025 A32025	Elective: Vernacular Architecture Elective: Futuristic Architecture	20	80	100	STW	4	50%
12	A31026	Design Studio 2	40	160	200	SV	8	50%
		Semester 03						
13	A31031	Building Byelaws & Architectural Practice	10	40	50	T	2	50%
14	A31032	Architectural legalities	10	40	50	T	2	50%
15	A31033	Architectural Evaluation	20	80	100	STW	4	50%
16	A31034	Architectural Documentation	20	80	100	STW	4	50%
17	A31035 A32035	Elective: Traffic & Transport Design Elective: Infrastructure Services	20	80	100	STW	4	50%
18	A31036	Design Studio 3	40	160	200	SV	8	50%
		Semester 04						
19	A31041	M. Arch Dissertation 1 (G)	40	160	200	SV	8	50%
20	A31042	M. Arch Dissertation 2 (G)	80	320	400	SV	16	50%

V42: M.ARCH. (CONST. MGMT.) {2011 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
		Semester 01						

SN	Code	Name	CA	EE	TM	Type	CP	Min %
01	A34011	Management theories and Business organizations	10	40	50	T	2	50%
02	A34012	Financial and account management	10	40	50	T	2	50%
03	A34013	Construction materials and machinery	20	80	100	STW	4	50%
04	A34014	Computer applications in construction management	20	80	100	STW	4	50%
05	A34015 A35015	Elective: Disaster management Elective: Waste water Management	20	80	100	STW	4	50%
06	A34016	CM Project Studio 1	40	160	200	SV	8	50%
		Semester 02						
07	A34021	Construction logistics, project formulation and finance	10	40	50	T	2	50%
08	A34022	Quantitative research methods	10	40	50	T	2	50%
09	A34023	Advanced construction technologies	20	80	100	STW	4	50%
10	A34024	Sustainable building materials	20	80	100	STW	4	50%
11	A34025 A35025	Elective: Geographic Mapping Systems (GIS) Elective: Terrain Assessment & Mapping	20	80	100	STW	4	50%
12	A34026	CM Project Studio 2	40	160	200	SV	8	50%
		Semester 03						
13	A34031	Contract management and tendering procedure	10	40	50	T	2	50%
14	A34032	Construction and planning legislation	10	40	50	T	2	50%
15	A34033	Marketing and management	20	80	100	STW	4	50%
16	A34034	Human resource and quality management	20	80	100	STW	4	50%
17	A34035 A35035	Elective: CAD & Simulation Techniques Elective: Intelligent Buildings	20	80	100	STW	4	50%
18	A34036	CM Project Studio 3	40	160	200	SV	8	50%
		Semester 04						
19	A34041	M. Arch Dissertation 1 (CM)	40	160	200	SV	8	50%
20	A34042	M. Arch Dissertation 2 (CM)	80	320	400	SV	16	50%

V43: M.Arch. (Env.Arch.) {2011 Pattern}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
		Semester 01						
01	A37011	Environmental architecture theory	10	40	50	T	2	50%
02	A37012	Climate and Geography	10	40	50	T	2	50%
03	A37013	Sustainable building design principles I	20	80	100	STW	4	50%
04	A37014	Sustainable building materials	20	80	100	STW	4	50%
05	A37015 A38015	Elective: Pollution Impact & Remedies Elective: Waste water Management	20	80	100	STW	4	50%
06	A37016	EA Studio 1	40	160	200	SV	8	50%
		Semester 02						
07	A37021	Thermal Comfort and Passive Design I	10	40	50	T	2	50%
08	A37022	Quantitative research methods	10	40	50	T	2	50%
09	A37023	Sustainable building design principles II	20	80	100	STW	4	50%
10	A37024	Sustainable building technology	20	80	100	STW	4	50%
11	A37025 A38025	Elective: Geographic Mapping Systems (GIS) Elective: Terrain Assessment & Mapping	20	80	100	STW	4	50%
12	A37026	EA Studio 2	40	160	200	SV	8	50%
		Semester 03						
13	A37031	Thermal Comfort and Passive Design II	10	40	50	T	2	50%
14	A37032	Legislations for Environmental Control	10	40	50	T	2	50%
15	A37033	Ecological planning	20	80	100	STW	4	50%
16	A37034	Environmental management	20	80	100	STW	4	50%

SN	Code	Name	CA	EE	TM	Type	CP	Min %
17	A37035 A38035	Elective: CAD & Simulation Techniques Elective: Intelligent Buildings	20	80	100	STW	4	50%
18	A37036	EA Studio 3	40	160	200	SV	8	50%
		Semester 04						
19	A37041	M. Arch Dissertation 1 (EA)	40	160	200	SV	8	50%
20	A37042	M. Arch Dissertation 2 (EA)	80	320	400	SV	16	50%

V44: M.Arch. (U & R Planning) {2011 Pattern}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
		Semester 01						
01	A41011	Urban and regional planning theories	10	40	50	T	2	50%
02	A41012	Urban and regional planning history	10	40	50	T	2	50%
03	A41013	Traffic & Transport Design	20	80	100	STW	4	50%
04	A41014	Urban and Rural housing	20	80	100	STW	4	50%
05	A41015 A42015	Elective: Disaster Management Elective: Barrier Free design	20	80	100	STW	4	50%
06	A41016	URP Studio 1	40	160	200	SV	8	50%
		Semester 02						
07	A41021	Urban and regional planning sociology	10	40	50	T	2	50%
08	A41022	Urban and regional economics	10	40	50	T	2	50%
09	A41023	Urban and Rural landscape design	20	80	100	STW	4	50%
10	A41024	Computer Aided Design	20	80	100	STW	4	50%
11	A41025 A42025	Elective: Geographic Mapping Systems (GIS) Elective: Regional Land Economics	20	80	100	STW	4	50%
12	A41026	URP Studio 2	40	160	200	SV	8	50%
		Semester 03						
13	A41031	Urban and regional planning legislation	10	40	50	T	2	50%
14	A41032	Research Methodology& Strategies	10	40	50	T	2	50%
15	A41033	Infrastructure Services	20	80	100	STW	4	50%
16	A41034	Sustainable community development	20	80	100	STW	4	50%
17	A41035 A42035	Elective: Urban Design Documentation Elective: Conservation in Urban Context	20	80	100	STW	4	50%
18	A41036	URP Studio 3	40	160	200	SV	8	50%
		Semester 04						
19	A41041	M. Arch Dissertation 1 (URP)	40	160	200	SV	8	50%
20	A41042	M. Arch Dissertation 2 (URP)	80	320	400	SV	16	50%

T63: B.Arch. (General) {2005 Pattern}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
		Semester 01						
01	A01011	Climatology	-	100	100	T	4	45%
02	A01012	Technical Communication	-	100	100	T	4	45%
03	A01013	Architectural Drawing and Graphics I	-	100	100	T	4	45%
04	A01014	Workshop and Model Making	-	100	100	SV	4	45%
05	A01015	Basic Design I	-	100	100	SV	4	45%
		Semester 02						
06	A01021	History of Architecture and Human Settlements I	-	100	100	T	4	45%
07	A01022	Theory of Structures I	-	100	100	T	4	45%
08	A01023	Architectural Drawing and Graphics II	-	100	100	T	4	45%
09	A01024	Building Technology and Materials I	-	100	100	SV	4	45%

SN	Code	Name	CA	EE	TM	Type	CP	Min %
10	A01025	Basic Design II	-	100	100	SV	4	45%
Semester 03								
11	A01031	History of Architecture and Human Settlements II	-	100	100	T	4	45%
12	A01032	Theory of Structures II	-	100	100	T	4	45%
13	A01033	Auto CAD and Office suites	-	100	100	T	4	45%
14	A01034	Building Technology and Materials II	-	100	100	SV	4	45%
15	A01035	Architectural Design I	-	100	100	SV	4	45%
Semester 04								
16	A01041	History of Architecture and Human Settlements III	-	100	100	T	4	45%
17	A01042	Theory of Structures III	-	100	100	T	4	45%
18	A01043	Surveying and Leveling	-	100	100	T	4	45%
19	A01044	Building Technology and Materials III	-	100	100	SV	4	45%
20	A01045	Architectural Design II	-	100	100	SV	4	45%
Semester 05								
21	A01051	Building Sciences I	-	100	100	T	4	45%
22	A01052	Theory of Structures IV	-	100	100	T	4	45%
23	A01053	Quantity Surveying and Estimating	-	100	100	T	4	45%
24	A01054	Building Technology and Materials IV	-	100	100	SV	4	45%
25	A01055	Architectural Design III	-	100	100	SV	4	45%
Semester 06								
26	A01061	Building Sciences II	-	100	100	T	4	45%
27	A01062	Theory of Structures V	-	100	100	T	4	45%
28	A01063	Landscape Architecture I	-	100	100	T	4	45%
29	A01064	Furniture Construction and Interior Design	-	100	100	SV	4	45%
30	A01065	Architectural Design IV	-	100	100	SV	4	45%
Semester 07								
31	A01071	Building Sciences III	-	100	100	T	4	45%
32	A01072	Theory of Structures VI	-	100	100	T	4	45%
33	A01073	Specification Writing	-	100	100	T	4	45%
34	A01074	Building Technology and Materials V	-	100	100	SV	4	45%
35	A01075	Architectural Design V	-	100	100	SV	4	45%
Semester 08								
36	A01081	Building Sciences IV	-	100	100	T	4	45%
37	A01082	Town Planning	-	100	100	T	4	45%
38	A01083	Landscape Architecture II	-	100	100	T	4	45%
39	A01084	Building Technology and Materials VI	-	100	100	SV	4	45%
40	A01085	Architectural Design VI	-	100	100	SV	4	45%
Semester 09								
41	A01091	Research Methodology	-	100	100	T	4	45%
42	A01092	Professional Practice I	-	100	100	T	4	45%
43	A01093	Computer Applications in Architecture	-	100	100	T	4	45%
44	A01094	Technology Elective	-	100	100	SV	4	45%
45	A01095	Architectural Project Stage I	-	100	100	SV	4	45%
Semester 10								
46	A01101	Planning Elective	-	100	100	T	4	45%
47	A01102	Professional Practice II	-	100	100	T	4	45%
48	A01103	Management Elective	-	100	100	T	4	45%
49	A01104	Allied Elective	-	100	100	SV	4	45%
50	A01105	Architectural Project Stage II	-	100	100	SV	4	45%

T64: M.Arch (General) {2005 Pattern}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
Semester 11
01	A01111	Contemporary Architecture Trends and Theories	-	100	100	T	4	45%
02	A01112	Low Cost Building Design and Techniques	-	100	100	T	4	45%
03	A01113	Ecology for Architecture and Planning	-	100	100	T	4	45%
04	A01114 A02114 A03114	Vernacular Architecture Energy Conserving Architecture Landscape Design	-	100	100	SV	4	45%
05	A01015	Architectural Design Studio - I	-	100	100	SV	4	45%
Semester 12
06	A01121	Computer Application for Architecture and Planning	-	100	100	T	4	45%
07	A01122	Mass Housing Design Strategies and Standards	-	100	100	T	4	45%
08	A01123	Advanced Building Construction and Services	-	100	100	T	4	45%
09	A01024 A02124	Design With Climate Architectural Conservation	-	100	100	SV	4	45%
10	A01125	Architectural Design Studio - II	-	100	100	SV	4	45%
Semester 13
11	A01131	Building Bylaws and Architecture Practice	-	100	100	T	4	45%
12	A01132	Urban Design	-	100	100	T	4	45%
13	A01133	Architectural Evaluation and Research	-	100	100	T	4	45%
14	A01134	M.Arch. Dissertation, Stage I	-	100	100	SV	4	45%
15	A01135	Architectural Design Studio - III	-	100	100	SV	4	45%
Semester 14
16	A01141	Project Assessment and Management	-	100	100	T	4	45%
17	A01142 A02142	Futuristic Architecture High Rise Buildings	-	100	100	T	4	45%
18	A01143	Building Industry (Seminar)	-	100	100	T	4	45%
19	A01144	M.Arch. Dissertation, Stage - II	-	100	100	SV	4	45%
20	A01145	M.Arch. Dissertation, Stage - III	-	100	100	SV	4	45%

T65: M.Arch (Const. Mgmt.) {2006 Pattern}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
Semester 11
01	A06111	Principles of Management	-	100	100	T	4	45%
02	A06112	Project Planning and Scheduling	-	100	100	T	4	45%
03	A06113	Management Accounting	-	100	100	T	4	45%
04	A06114 A07114	Management of Built Facilities Risk Management	-	100	100	SV	4	45%
05	A06115	Professional Communication	-	100	100	SV	4	45%
Semester 12
06	A06121	Human Resource Management	-	100	100	T	4	45%
07	A06122	Project Monitoring and Control	-	100	100	T	4	45%
08	A06123	Project Finance Management	-	100	100	T	4	45%
09	A06124 A07124	Repairs and Maintenance of Buildings Conservation of Heritage Structure	-	100	100	SV	4	45%
10	A06125	Computer Applications	-	100	100	SV	4	45%
Semester 13
11	A06131	Advanced Construction Techniques	-	100	100	T	4	45%
12	A06132	Project Formulation and Appraisal	-	100	100	T	4	45%
13	A06133	Procurement Processes	-	100	100	T	4	45%

SN	Code	Name	CA	EE	TM	Type	CP	Min %
14	A06134	M.Arch. Dissertation, Stage I	-	100	100	SV	4	45%
15	A06135	Managerial Decision Making	-	100	100	SV	4	45%
		Semester 14						
16	A06141	Material and Their Management	-	100	100	T	4	45%
17	A06142 A07142	Value Management Construction Management	-	100	100	T	4	45%
18	A06143	Contract Administration	-	100	100	T	4	45%
19	A06144	M.Arch. Dissertation, Stage II	-	100	100	SV	4	45%
20	A06145	M.Arch. Dissertation, Stage III	-	100	100	SV	4	45%

T66: M.Arch (Env.Arch.) {2006 Pattern}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
		Semester 11						
01	A11111	Introduction to Environment and Sustainability	-	100	100	T	4	45%
02	A11112	Disturbances and Remedies	-	100	100	T	4	45%
03	A11113	Thermal Comfort and Passive Design	-	100	100	T	4	45%
04	A11114 A12114	Efficient Building Materials Pollution Impact and Remediation	-	100	100	SV	4	45%
05	A11015	Architectural Design Studio - I	-	100	100	SV	4	45%
		Semester 12						
06	A11121	Environmental Psychology	-	100	100	T	4	45%
07	A11122	Geographic Information System (GIS)	-	100	100	T	4	45%
08	A11123	Urban Ecology and Environmental Planning	-	100	100	T	4	45%
09	A11124 A12124	Decentralized Waste Water Management System Terrain Assessment and Mapping	-	100	100	SV	4	45%
10	A11125	Architectural Design Studio - II	-	100	100	SV	4	45%
		Semester 13						
11	A11131	Environmental Services Management Systems	-	100	100	T	4	45%
12	A11132	Ecological Landscape Design	-	100	100	T	4	45%
13	A11133	Energy Efficient Buildings	-	100	100	T	4	45%
14	A11134	M.Arch. Dissertation, Stage I	-	100	100	SV	4	45%
15	A11135	Architectural Design Studio - III	-	100	100	SV	4	45%
		Semester 14						
16	A11141	Green Buildings: Technical Criteria and Standards	-	100	100	T	4	45%
17	A12142	Environmental Project Management	-	100	100	T	4	45%
18	A11143	Environmental Law	-	100	100	T	4	45%
19	A11144	M.Arch. Dissertation, Stage II	-	100	100	SV	4	45%
20	A11145	M.Arch. Dissertation, Stage III	-	100	100	SV	4	45%

T67 / T68: M.Arch (U & R Planning) {2007 Pattern}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
		Semester 11						
01	A16111	Evolution and History of Planning	-	100	100	T	4	45%
02	A16112	Environmental Science and Sustainable Development	-	100	100	T	4	45%
03	A16113	Socio-Economics - I	-	100	100	T	4	45%
04	A16114 A17114	Natural Resource Management Rural Development	-	100	100	SV	4	45%
05	A16115	Studio - I	-	100	100	SV	4	45%
		Semester 12						
06	A16121	Infrastructure Planning and Management	-	100	100	T	4	45%

SN	Code	Name	CA	EE	TM	Type	CP	Min %
07	A16122	Regional Planning and GIS / Remote Sensing Techniques	-	100	100	T	4	45%
08	A16123	Transportation Planning	-	100	100	T	4	45%
09	A16124 A17124	Real Estate Management Strategies Urban Renewal and Conservation	-	100	100	SV	4	45%
10	A16125	Studio - II	-	100	100	SV	4	45%
Semester 13								
11	A16131	Socio-Economics - II	-	100	100	T	4	45%
12	A16132	Land Management and Real Estate Strategies	-	100	100	T	4	45%
13	A16133	Housing: Planning and Management	-	100	100	T	4	45%
14	A16134	Dissertation, Stage I	-	100	100	SV	4	45%
15	A16135	Studio - III	-	100	100	SV	4	45%
Semester 14								
16	A16141	Urban Governance and Legal Issues	-	100	100	T	4	45%
17	A16142	Environment Management EIA and Disaster Management	-	100	100	T	4	45%
18	A16143	Professional Practice and Planning Administration	-	100	100	T	4	45%
19	A16144	Dissertation, Stage II	-	100	100	SV	4	45%
20	A16145	Dissertation, Stage III	-	100	100	SV	4	45%

SCIENCE

V26: B.Sc. (NAUT. SC.) {2010 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
Semester 01								
01	S01012	Applied Mathematics-I	20	80	100	T	4	50%
02	S01013	Nautical Physics & Electronics-I	15	60	75	T	3	50%
03	S02013	Nautical Physics & Electronics-I	05	20	25	P	1	50%
04	S01014	Navigation-I	15	60	5	T	3	70%
05	S02014	Navigation-I	05	20	25	P	1	70%
06	S01015	Voyage Planning and Collision Prevention-I	10	40	50	T	2	70%
07	S02015	Voyage Planning and Collision Prevention-I	10	40	50	P	2	70%
08	S01017	Environmental Science-I	15	60	75	T	3	50%
09	S02017	Environmental Science-I	05	20	25	P	1	50%
10	S01018	Marine Engineering and Control-I	15	60	75	T	3	50%
11	S02018	Marine Engineering and Control-I	05	20	25	P	1	50%
Semester 02								
12	S01021	English and Communication Skill	15	60	5	T	3	50%
13	S02021	English and Communication Skill	05	20	25	P	1	50%
14	S01022	Applied Mathematics-II	20	80	100	T	4	50%
15	S01023	Nautical Physics & Electronics-II	15	60	75	T	3	50%
16	S02023	Nautical Physics & Electronics-II	05	20	25	P	1	50%
17	S01024	Ship Operation Technology-I	15	60	75	T	3	60%
18	S02024	Ship Operation Technology-I	05	20	25	P	1	60%
19	S01026	Naval Architecture-I	20	80	100	T	4	60%
20	S01028	Environmental Science-II	15	60	75	T	3	50%
21	S02028	Environmental Science-II	05	20	25	P	1	50%
Semester 03								
22	S01031	Computer Science	15	60	75	T	3	50%
23	S02031	Computer Science	05	20	25	P	1	50%

SN	Code	Name	CA	EE	TM	Type	CP	Min %
24	S01032	Applied Mathematics-III	20	80	100	T	4	50%
25	S01033	Nautical Physics & Electronics-III	15	60	75	T	3	50%
26	S02033	Nautical Physics & Electronics-III	05	20	25	P	1	50%
27	S01034	Naval Architecture-II	20	80	100	T	4	60%
28	S01035	Voyage Planning and Collision Prevention-II	10	40	50	T	2	70%
29	S02035	Voyage Planning and Collision Prevention-II	10	40	50	P	2	70%
30	S01036	Cargo Work and Marine Communication	15	60	75	T	3	60%
31	S02036	Cargo Work and Marine Communication	05	20	25	P	1	60%
		Semester 04						
32	S01042	Applied Mathematics-IV	20	80	100	T	4	50%
33	S01043	Nautical Physics & Electronics-IV	15	60	75	T	3	50%
34	S02043	Nautical Physics & Electronics-IV	05	20	25	P	1	50%
35	S01044	Ship Operation Technology II	15	60	75	T	3	60%
36	S02044	Ship Operation Technology II	05	20	25	P	1	60%
37	S01045	Bridge Procedure and Legal Knowledge	15	60	75	T	3	60%
38	S02045	Bridge Procedure and Legal Knowledge	05	20	25	P	1	60%
39	S01046	Navigation-II	15	60	75	T	3	70%
40	S02046	Navigation-II	05	20	25	P	1	70%
41	S01047	Environmental Science-III	15	60	75	T	3	50%
42	S02047	Environmental Science-III	05	20	25	P	1	50%
		Semester 05						
43	S01054	Navigation-III	15	60	75	T	3	70%
44	S02054	Navigation-III	05	20	25	P	1	70%
45	S01055	Voyage Planning and Collision Prevention-II	10	40	50	T	2	70%
46	S02055	Voyage Planning and Collision Prevention-II	10	40	50	P	2	70%
47	S01056	Ship Operation Technology III	15	60	75	T	3	60%
48	S02056	Ship Operation Technology III	05	20	25	P	1	60%
49	S01057	Marine Engineering and Control-II	15	60	75	T	3	50%
50	S02057	Marine Engineering and Control-II	05	20	25	P	1	50%
51	S01058	Shipping Management	20	80	100	T	4	50%
		Semester 06						
52	S01064	Navigation-IV	15	60	75	T	3	70%
53	S02064	Navigation-IV	05	20	75	P	1	70%
54	S01065	Ship Operation Technology IV	15	60	25	T	3	60%
55	S02065	Ship Operation Technology IV	05	20	75	P	1	60%
56	S01066	Naval Architecture-III	20	80	100	T	4	60%
57	S01067	Marine Engineering and Control-III	15	60	75	T	3	50%
58	S02067	Marine Engineering and Control-III	05	20	25	P	1	50%
59	S01068	Maritime Law	20	80	100	T	4	50%

T82: B.Sc. (Bio-Tech.) {2006 Pattern}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
		Semester 01						
01	SBT011	Basic Biology	-	100	100	T	4	40%
02	SBT012	Communication Skill	-	100	100	T	4	40%
03	SBT013	Mathematics	-	100	100	T	4	40%
04	SBT014	Environmental Science	-	100	100	T	4	40%
05	SBT015	Lab Course	-	100	100	P	4	40%

SN	Code	Name	CA	EE	TM	Type	CP	Min %
		Semester 02						
06	SBT021	Basic Statistics	-	100	100	T	4	40%
07	SBT022	Basic Chemistry	-	100	100	T	4	40%
08	SBT023	Applied Physics	-	100	100	T	4	40%
09	SBT024	Programming Concepts	-	100	100	T	4	40%
10	SBT025	Lab Course	-	100	100	P	4	40%
		Semester 03						
11	SBT031	Basic Biochemistry	-	100	100	T	4	40%
12	SBT032	General Microbiology-I	-	100	100	T	4	40%
13	SBT033	Physiology	-	100	100	T	4	40%
14	SBT034	Metabolism	-	100	100	T	4	40%
15	SBT035	Lab Course	-	100	100	P	4	40%
		Semester 04						
16	SBT041	Cell Biology-I	-	100	100	T	4	40%
17	SBT042	Basic Biosciences	-	100	100	T	4	40%
18	SBT043	Biophysical Techniques-I	-	100	100	T	4	40%
19	SBT044	Molecular Biology-I	-	100	100	T	4	40%
20	SBT045	Lab Course	-	100	100	P	4	40%
		Semester 05						
21	SBT051	Microbial Biotechnology	-	100	100	T	4	40%
22	SBT052	Immunology-I	-	100	100	T	4	40%
23	SBT053	Genetic Engineering-I	-	100	100	T	4	40%
24	SBT054	Entrepreneurship Development	-	100	100	T	4	40%
25	SBT055	Lab Course	-	100	100	P	4	40%
		Semester 06						
26	SBT061	Agricultural Biotechnology	-	100	100	T	4	40%
27	SBT062	Medical Biotechnology	-	100	100	T	4	40%
28	SBT063	Plant and Animal Cell Culture	-	100	100	T	4	40%
29	SBT064	Environmental Biotechnology	-	100	100	T	4	40%
30	SBT065	Lab Course	-	100	100	P	4	40%

T80: B.Sc. (Bio-Inf.) {2006 Pattern}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
		Semester 01						
01	SBI011	Basic Biology	-	100	100	T	4	40%
02	SBI012	Communication Skill	-	100	100	T	4	40%
03	SBI013	Mathematics	-	100	100	T	4	40%
04	SBI014	Environmental Science	-	100	100	T	4	40%
05	SBI015	Lab Course	-	100	100	P	4	40%
		Semester 02						
06	SBI021	Basic Statistics	-	100	100	T	4	40%
07	SBI022	Basic Chemistry	-	100	100	T	4	40%
08	SBI023	Applied Physics	-	100	100	T	4	40%
09	SBI024	Programming Concepts	-	100	100	T	4	40%
10	SBI025	Lab Course	-	100	100	P	4	40%
		Semester 03						
11	SBI031	Basic Biochemistry	-	100	100	T	4	40%
12	SBI032	General Microbiology-I	-	100	100	T	4	40%
13	SBI033	Physiology	-	100	100	T	4	40%

SN	Code	Name	CA	EE	TM	Type	CP	Min %
14	SBI034	Metabolism	-	100	100	T	4	40%
15	SBI035	Lab Course	-	100	100		4	40%
		Semester 04						
16	SBI041	Cell Biology-I	-	100	100	T	4	40%
17	SBI042	Basic Biosciences	-	100	100	T	4	40%
18	SBI043	Biophysical Techniques-I	-	100	100	T	4	40%
19	SBI044	Molecular Biology-I	-	100	100	T	4	40%
20	SBI045	Lab Course	-	100	100	P	4	40%
		Semester 05						
21	SBI051	Basics of Bioinformatics	-	100	100	T	4	40%
22	SBI052	Computer Programming - I	-	100	100	T	4	40%
23	SBI053	DBMS - I	-	100	100	T	4	40%
24	SBI054	Introduction to Molecular Genetics	-	100	100	T	4	40%
25	SBI055	Lab Course	-	100	100	P	4	40%
		Semester 06						
26	SBI061	Computational Molecular Biology	-	100	100	T	4	40%
27	SBI062	Computer Programming - II	-	100	100	T	4	40%
28	SBI063	DBMS - II	-	100	100	T	4	40%
29	SBI064	Cell Biology, Genetics & Immunology	-	100	100	T	4	40%
30	SBI065	Lab Course	-	100	100	P	4	40%

V45: B.Sc. (Act. Sc.) {2011 Pattern}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
		Semester 01						
01	S04011	Mathematics for Actuaries	20	80	100	T	4	50%
02	S04012	Descriptive Statistics	20	80	100	T	4	50%
03	S04013	Interest Rates and Annuities	20	80	100	T	4	50%
04	S04014	Basics of Accounting	20	80	100	T	4	50%
		Semester 02						
05	S04021	Business Economics - I	20	80	100	T	4	50%
06	S04022	Probability and Distributions	20	80	100	T	4	50%
07	S04023	Advanced Applications of Annuities	20	80	100	T	4	50%
08	S04024	Corporate Finance	20	80	100	T	4	50%
		Semester 03						
09	S04031	Business Economics - II	20	80	100	T	4	50%
10	S04032	Estimation and Hypotheses Testing	20	80	100	T	4	50%
11	S04033	Life Insurance - Principles, Products and Practices	20	80	100	T	4	50%
12	S04034	Communications and Research Methodology	20	80	100	T	4	50%
		Semester 04						
13	S04041	Stochastic Processes	20	80	100	T	4	50%
14	S04042	Survival Analysis	20	80	100	T	4	50%
15	S04043	Non-Life Insurance - Principles, Products, Practices	20	80	100	T	4	50%
16	S04044	EXCEL, MACROS with Visual Basic	20	80	100	P	4	50%
		Semester 05						
17	S04051	Risk Models for General Insurance	20	80	100	T	4	50%
18	S04052	Reserving and Time Series	20	80	100	T	4	50%
19	S04053	Business Environment and Enterprise Risk Management	20	80	100	T	4	50%
20	S04054	Actuarial Applications Using EXCEL	20	80	100	P	4	50%
		Semester 06						

SN	Code	Name	CA	EE	TM	Type	CP	Min %
21	S04061	Life Insurance Pricing	20	80	100	T	4	50%
22	S04062	Reserving and Joint Life Distributions	20	80	100	T	4	50%
23	S04063	Portfolio Theory Development	20	80	100	T	4	50%
24	S04064	Derivative Pricing and Risk Management	20	80	100	T	4	50%

V48: PG Dip (Act. Apln.) {2011 Pattern}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
		Semester 01						
01	S07011	Life Insurance - I	20	80	100	T	4	50%
02	S07012	Life Insurance - II	20	80	100	T	4	50%
03	S07013	Finance and Investments-I	20	80	100	T	4	50%
04	S07014	Finance and Investments-II	20	80	100	T	4	50%
05	S07015	Modeling for Health Insurance	20	80	100	T	4	50%
		Semester 02						
06	S07021	Asset and Liability Management – I	20	80	100	T	4	50%
07	S07022	Asset and Liability Management – II	20	80	100	T	4	50%
08	S07023	Asset and Liability Management – III	20	80	100	T	4	50%
09	S07024	Retirement Benefits Modeling	20	80	100	T	4	50%
10	S07025	Actuarial Project	20	80	100	PW	4	50%

V49: PG Dip (Bio-Inf.) {2011 Pattern}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
		Semester 01						
01	S11011	Basics of Bioinformatics	20	80	100	T	4	50%
02	S11012	Statistics for Bioinformatics	20	80	100	T	4	50%
03	S11013	Basic Structural Biology	20	80	100	T	4	50%
04	S11014	Object Oriented Programming and Web Publishing	20	80	100	T	4	50%
05	S11015	C++ Programming & Web Publishing Lab	20	80	100	P	4	50%
		Semester 02						
06	S11021	Data Base Management Systems	20	80	100	T	4	50%
07	S11022	Bio-Physics	20	80	100	T	4	50%
08	S11023	Genomics and Proteomics	20	80	100	T	4	50%
09	S11024	Computational Biology	20	80	100	T	4	50%
10	S11025	Bioinformatics Lab	20	80	100	P	4	50%

T83: M.Sc. (Bio-Tech.) {2006 Pattern}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
		Semester 07						
01	SBT071	Biochemistry	-	100	100	T	4	40%
02	SBT072	Enzymology	-	100	100	T	4	40%
03	SBT073	Biophysical Techniques-II	-	100	100	T	4	40%
04	SBT074	Biostatistics	-	100	100	T	4	40%
05	SBT075	Lab Course	-	100	100	P	4	40%
		Semester 08						
06	SBT081	General Microbiology-II	-	100	100	T	4	40%
07	SBT082	Cell Biology-II	-	100	100	T	4	40%
08	SBT083	Genetics	-	100	100	T	4	40%
09	SBT084	Bioinformatics	-	100	100	T	4	40%
10	SBT085	Lab Course	-	100	100	P	4	40%

SN	Code	Name	CA	EE	TM	Type	CP	Min %
		Semester 09						
11	SBT091	Immunology-II	-	100	100	T	4	40%
12	SBT092	Molecular Biology-II	-	100	100	T	4	40%
13	SBT093	Genetic Engineering-II	-	100	100	T	4	40%
14	SBT094	Intellectual Property Rights & Biosafety	-	100	100	T	4	40%
15	SBT095	Lab Course	-	100	100	P	4	40%
		Semester 10						
16	SBT101	Plant Transgenics and Tissue Culture	-	100	100	T	4	40%
17	SBT102	Applications of Biotechnology	-	100	100	T	4	40%
18	SBT103	Pharmaceutical Biotechnology	-	100	100	T	4	40%
19	SBT104	Research Methodology	-	100	100	T	4	40%
20	SBT105	Project	-	100	100	PW	4	40%

T81: M.Sc. (Bio-Inf.) {2006 Pattern}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
		Semester 07						
01	SBI071	Concepts in Computing and Basics of Bioinformatics	-	100	100	T	4	40%
02	SBI072	Biological Chemistry	-	100	100	T	4	40%
03	SBI073	Statistical Techniques	-	100	100	T	4	40%
04	SBI074	Structural Biology	-	100	100	T	4	40%
05	SBI075	Lab Course	-	100	100	P	4	40%
		Semester 08						
06	SBI081	Genomics Databases & Applications	-	100	100	T	4	40%
07	SBI082	Genetic Information Flow and Processing	-	100	100	T	4	40%
08	SBI083	Programming in Perl	-	100	100	T	4	40%
09	SBI084	Protein Structure Prediction & Molecular Modelling	-	100	100	T	4	40%
10	SBI085	Lab Course	-	100	100	P	4	40%
		Semester 09						
11	SBI091	Biochemistry of Metabolism	-	100	100	T	4	40%
12	SBI092	Sequence-based Bioinformatics Approaches	-	100	100	T	4	40%
13	SBI093	Programming Languages and Software Tools in Bioinformatics-I	-	100	100	T	4	40%
14	SBI094	Programming Languages and Software Tools in Bioinformatics-II	-	100	100	T	4	40%
15	SBI095	Lab Course	-	100	100	P	4	40%
		Semester 10						
16	SBI101	Genetic Engineering	-	100	100	T	4	40%
17	SBI102	Genetics and Genomics	-	100	100	T	4	40%
18	SBI103	Database Management Systems	-	100	100	T	4	40%
19	SBI104	Research Methodology	-	100	100	T	4	40%
20	SBI105	Project	-	100	100	PW	4	40%

V46: M.Sc. (Act. Sc.) {2011 Pattern}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
		Semester 01						
01	S14011	Mathematics of Finance- I	20	80	100	T	4	50%
02	S14012	Mathematics of Finance - II	20	80	100	T	4	50%
03	S14013	Statistics for Actuaries - I	20	80	100	T	4	50%

SN	Code	Name	CA	EE	TM	Type	CP	Min %
04	S14014	Statistics for Actuaries – II	20	80	100	T	4	50%
05	S14015	Corporate Finance and Financial Reporting-I	20	80	100	T	4	50%
06	S14016	Corporate Finance and Financial Reporting-II	20	80	100	T	4	50%
		Semester 02						
07	S14021	Actuarial Modeling-I	20	80	100	T	4	50%
08	S14022	Actuarial Modeling-II	20	80	100	T	4	50%
09	S14023	Casualty Actuarial Science and Time Series-I	20	80	100	T	4	50%
10	S14024	Casualty Actuarial Science and Time Series-II	20	80	100	T	4	50%
11	S14025	Actuarial Business Economics-I	20	80	100	T	4	50%
12	S14026	Actuarial Business Economics-II	20	80	100	T	4	50%
		Semester 03						
13	S14031	Life Contingencies-I	20	80	100	T	4	50%
14	S14032	Life Contingencies-II	20	80	100	T	4	50%
15	S14033	Financial Economics - I	20	80	100	T	4	50%
16	S14034	Financial Economics - II	20	80	100	T	4	50%
17	S14035	Communication and Research Methodology	20	80	100	T	4	50%
18	S14036	Business Environment and Enterprise Risk Management	20	80	100	T	4	50%
		Semester 04						
19	S14041	Asset and Liability Management – I	20	80	100	T	4	50%
20	S14042	Asset and Liability Management – II	20	80	100	T	4	50%
21	S14043	Asset and Liability Management – III	20	80	100	T	4	50%
22	S14044	EXCEL, MACROS with Visual Basic	20	80	100	P	4	50%
23	S14045	Actuarial Applications Using EXCEL	20	80	100	P	4	50%
24	S14046	Actuarial Project	20	80	100	PW	4	50%

V47: M.Sc. (Ind. Engg.) {2011 Pattern}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
		Semester 01						
01	S17011	Advanced Production Planning & Control	20	80	100	T	4	50%
02	S17012	Project Management	20	80	100	T	4	50%
03	S17013	Marketing Management	20	80	100	T	4	50%
04	S17014	Research Methodology	20	80	100	T	4	50%
05	S17015	Industrial Engineering Lab	20	80	100	P	4	50%
		Semester 02						
06	S17021	Ergonomics	20	80	100	T	4	50%
07	S17022	Reliability Engineering	20	80	100	T	4	50%
08	S17023	World Class Manufacturing	20	80	100	T	4	50%
09	S17024	Software Engineering	20	80	100	T	4	50%
10	S17025	Software Lab	20	80	100	P	4	50%
		Semester 03						
11	S17031	Systems Analysis and Simulation	20	80	100	T	4	50%
12	S17032	Enterprise Resource Planning	20	80	100	T	4	50%
13	S17033	Service Marketing	20	80	100	T	4	50%
14	S17034	Security Analysis and Portfolio Management	20	80	100	T	4	50%
15	S17035	Project Work Stage I	20	80	100	PW	4	50%
		Semester 04						
16	S17041	Organizational Behavior	20	80	100	T	4	50%
17	S17042	Project Work Stage II	80	320	400	PW	16	50%

T96: B.Sc. (Act Sc.) {2007 Pattern}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
		Semester 01						
01	SAS011	Algebra	-	100	100	T	4	40%
02	SAS012	Descriptive Statistics	-	100	100	T	4	40%
03	SAS013	Microeconomics	-	100	100	T	4	40%
04	SAS014	Accountancy	-	100	100	T	4	40%
		Semester 02						
05	SAS021	Calculus	-	100	100	T	4	40%
06	SAS022	Probability and Mathematical Statist	-	100	100	T	4	40%
07	SAS023	Corporate Finance and Financial Reporting	-	100	100	T	4	40%
08	SAS024	Macroeconomics	-	100	100	T	4	40%
		Semester 03						
09	SAS031	Insurance: Principles, Practices & Law and Business Laws in India	-	100	100	T	4	40%
10	SAS032	Estimation and Testing of Hypothesis	-	100	100	T	4	40%
11	SAS033	Mathematics of Finance-I	-	100	100	T	4	40%
12	SAS034	Mathematics of Finance-II	-	100	100	T	4	40%
		Semester 04						
13	SAS041	Life Insurance Products, Practices and Law	-	100	100	T	4	40%
14	SAS042	Stochastic Processes	-	100	100	T	4	40%
15	SAS043	Survival Analysis	-	100	100	T	4	40%
16	SAS044	VB programming	-	100	100	T	4	40%
		Semester 05						
17	SAS051	Non-life Insurance Products, Practices and Law	-	100	100	T	4	40%
18	SAS052	Advanced Statistical Methods-I	-	100	100	T	4	40%
19	SAS053	Advanced Statistical Methods-II	-	100	100	T	4	40%
20	SAS054	Business Awareness and Enterprise Risk Management	-	100	100	T	4	40%
		Semester 06						
21	SAS061	Life Contingency	-	100	100	T	4	40%
22	SAS062	Advanced Life Contingency	-	100	100	T	4	40%
23	SAS063	Financial Economics-I	-	100	100	T	4	40%
24	SAS064	Financial Economics-II	-	100	100	T	4	40%

T98: M.Sc. (Act Sc.) {2007 Pattern}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
		Semester 07						
01	SAS071	Mathematical Statistics	-	100	100	T	6	40%
02	SAS072	Mathematics of Finance	-	100	100	T	6	40%
03	SAS073	Actuarial Economics	-	100	100	T	6	40%
04	SAS074	Corporate Finance and Financial Reporting	-	100	100	T	6	40%
		Semester 08						
05	SAS081	Actuarial Modeling	-	100	100	T	6	40%
06	SAS082	Casualty Actuarial Science and Time Series	-	100	100	T	6	40%
07	SAS083	Life Contingency	-	100	100	T	6	40%
08	SAS084	Financial Economics	-	100	100	T	6	40%
		Semester 09						
09	SAS091	Investment and Asset Management	-	100	100	T	8	40%
10	SAS092	Investment and Asset Management	-	100	100	T	8	40%

SN	Code	Name	CA	EE	TM	Type	CP	Min %
11	SAS093	Business Awareness and Enterprise Risk Management	-	100	100	T	4	40%
12	SAS094	Modeling through Statistical and Actuarial software	-	100	100	T	4	40%
		Semester 10						
13	R01101 R02101 R03101	Elective: Special Technical-Life Insurance Elective: Special Technical- Finance and Investment A Elective: Special Technical - Health and Care	-	100	100	T	8	40%
14	R01102 R02102 R03102	Elective: Special Technical- Finance and Investment B Elective: Special Technical- General Insurance Elective: Special Technical- Pensions and Other Benefits	-	100	100	T	8	40%
15	SAS103	Actuarial Business Communication	-	100	100	T	4	40%
16	SAS104	Actuarial Project Work	-	100	100	PW	4	40%

ENGINEERING AND TECHNOLOGY

V50: ONLINE CERT. (ENGG. DR.) {2011 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
01	T04011	Engineering Drawing	-	-	-	T	4	-

T03: DIP (COMP.TECH.) {2010 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
		Semester 01						
01	TES011	Applied Physics	20	80	100	T	4	50%
02	TES012	Applied Mathematics-1	20	80	100	T	4	50%
03	TES013	Self-Study Skills	20	80	100	T	4	50%
04	TES014	Technical Communication	20	80	100	T	4	50%
05	TES015	Computer Fundamentals	20	80	100	P	4	50%
		Semester 02						
06	TES021	Engineering Drawing-1	20	80	100	T	4	50%
07	TES022	Applied Mathematics-2	20	80	100	T	4	50%
08	TES023	Electronic Components and Materials	20	80	100	T	4	50%
09	TES024	Engineering Graphics	20	80	100	T	4	50%
10	TES025	Electronic Manufacturing and Graphics	20	80	100	P	4	50%
		Semester 03						
11	TES031	Basic Electrical Engineering	20	80	100	T	4	50%
12	TES032	Electric Circuit Analysis	20	80	100	T	4	50%
13	TES033	Electrical Measurements and Instruments	20	80	100	T	4	50%
14	TES034	Electric Machines	20	80	100	T	4	50%
15	TES035	Electrical Engineering	20	80	100	P	4	50%
		Semester 04						
16	TES041	Basic Electronics-1	20	80	100	T	4	50%
17	TES042	Basic Electronics-2	20	80	100	T	4	50%
18	TES043	Basic Electronics-3	20	80	100	T	4	50%
19	TES044	Basic Electronics-4	20	80	100	T	4	50%
20	TES045	Basic Electronics	20	80	100	P	4	50%
		Semester 05						
21	E07051	Digital Electronics	20	80	100	T	4	50%
22	E07052	Microprocessor-1	20	80	100	T	4	50%
23	E07053	Microprocessor-2	20	80	100	T	4	50%
24	E07054	Microprocessor-3	20	80	100	T	4	50%

SN	Code	Name	CA	EE	TM	Type	CP	Min %
25	TES055	Digital Electronics and Microprocessor	20	80	100	P	4	50%
Semester 06								
26	TES061	Management Science	20	80	100	T	4	50%
27	TES062	Entrepreneurship Development	20	80	100	T	4	50%
28	TES063	Microcontrollers	20	80	100	T	4	50%
29	TES064	Electronic Measurements and Instruments	20	80	100	T	4	50%
30	TES065	Diploma Project Work-1	20	80	100	PW	4	50%
Semester 07								
31	TES081	PC Up-gradation and Maintenance	20	80	100	T	4	50%
32	TES082	Network Operating System (Windows Server 2003)	20	80	100	T	4	50%
33	TES083	Basic Networking (Windows Server 2003)	20	80	100	T	4	50%
34	TES084	Network Administration (Windows Server 2003)	20	80	100	T	4	50%
35	TES085	PC Maintenance and Network Administration	20	80	100	P	4	50%

T05: DIP (IND.ELECTRONICS) {2010 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
Semester 01								
01	TES011	Applied Physics	20	80	100	T	4	50%
02	TES012	Applied Mathematics-1	20	80	100	T	4	50%
03	TES013	Self-Study Skills	20	80	100	T	4	50%
04	TES014	Technical Communication	20	80	100	T	4	50%
05	TES015	Computer Fundamentals	20	80	100	P	4	50%
Semester 02								
06	TES021	Engineering Drawing-1	20	80	100	T	4	50%
07	TES022	Applied Mathematics-2	20	80	100	T	4	50%
08	TES023	Electronic Components and Materials	20	80	100	T	4	50%
09	TES024	Engineering Graphics	20	80	100	T	4	50%
10	TES025	Electronic Manufacturing and Graphics	20	80	100	P	4	50%
Semester 03								
11	TES031	Basic Electrical Engineering	20	80	100	T	4	50%
12	TES032	Electric Circuit Analysis	20	80	100	T	4	50%
13	TES033	Electrical Measurements and Instruments	20	80	100	T	4	50%
14	TES034	Electric Machines	20	80	100	T	4	50%
15	TES035	Electrical Engineering	20	80	100	P	4	50%
Semester 04								
16	TES041	Basic Electronics-1	20	80	100	T	4	50%
17	TES042	Basic Electronics-2	20	80	100	T	4	50%
18	TES043	Basic Electronics-3	20	80	100	T	4	50%
19	TES044	Basic Electronics-4	20	80	100	T	4	50%
20	TES045	Basic Electronics	20	80	100	P	4	50%
Semester 05								
21	E07051	Digital Electronics	20	80	100	T	4	50%
22	E07052	Microprocessor-1	20	80	100	T	4	50%
23	E07053	Microprocessor-2	20	80	100	T	4	50%
24	E07054	Microprocessor-3	20	80	100	T	4	50%
25	TES055	Digital Electronics and Microprocessor	20	80	100	P	4	50%
Semester 06								
26	TES061	Management Science	20	80	100	T	4	50%

SN	Code	Name	CA	EE	TM	Type	CP	Min %
27	TES062	Entrepreneurship Development	20	80	100	T	4	50%
28	TES063	Microcontrollers	20	80	100	T	4	50%
29	TES064	Electronic Measurements and Instruments	20	80	100	T	4	50%
30	TES065	Diploma Project Work-1	20	80	100	PW	4	50%
		Semester 07						
31	TES101	Power Electronics -1	20	80	100	T	4	50%
32	TES102	Power Electronics -2	20	80	100	T	4	50%
33	TES103	Industrial Electronics-1	20	80	100	T	4	50%
34	TES104	Industrial Electronics-2	20	80	100	T	4	50%
35	TES105	Power and Industrial Electronics	20	80	100	P	4	50%

T06: Dip (Inst.Engg.) {2010 Pattern}

SN	Code	Name	CA	EE	TM	Type	CP	Min %
		Semester 01						
01	TES011	Applied Physics	20	80	100	T	4	50%
02	TES012	Applied Mathematics-1	20	80	100	T	4	50%
03	TES013	Self-Study Skills	20	80	100	T	4	50%
04	TES014	Technical Communication	20	80	100	T	4	50%
05	TES015	Computer Fundamentals	20	80	100	P	4	50%
		Semester 02						
06	TES021	Engineering Drawing-1	20	80	100	T	4	50%
07	TES022	Applied Mathematics-2	20	80	100	T	4	50%
08	TES023	Electronic Components and Materials	20	80	100	T	4	50%
09	TES024	Engineering Graphics	20	80	100	T	4	50%
10	TES025	Electronic Manufacturing and Graphics	20	80	100	P	4	50%
		Semester 03						
11	TES031	Basic Electrical Engineering	20	80	100	T	4	50%
12	TES032	Electric Circuit Analysis	20	80	100	T	4	50%
13	TES033	Electrical Measurements and Instruments	20	80	100	T	4	50%
14	TES034	Electric Machines	20	80	100	T	4	50%
15	TES035	Electrical Engineering	20	80	100	P	4	50%
		Semester 04						
16	TES041	Basic Electronics-1	20	80	100	T	4	50%
17	TES042	Basic Electronics-2	20	80	100	T	4	50%
18	TES043	Basic Electronics-3	20	80	100	T	4	50%
19	TES044	Basic Electronics-4	20	80	100	T	4	50%
20	TES045	Basic Electronics	20	80	100	P	4	50%
		Semester 05						
21	E07051	Digital Electronics	20	80	100	T	4	50%
22	E07052	Microprocessor-1	20	80	100	T	4	50%
23	E07053	Microprocessor-2	20	80	100	T	4	50%
24	E07054	Microprocessor-3	20	80	100	T	4	50%
25	TES055	Digital Electronics and Microprocessor	20	80	100	P	4	50%
		Semester 06						
26	TES061	Management Science	20	80	100	T	4	50%
27	TES062	Entrepreneurship Development	20	80	100	T	4	50%
28	TES063	Microcontrollers	20	80	100	T	4	50%
29	TES064	Electronic Measurements and Instruments	20	80	100	T	4	50%
30	TES065	Diploma Project Work-1	20	80	100	PW	4	50%