



विद्यया ऽमृतमश्नुते

ABV - Indian Institute of Information Technology & Management Gwalior

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विश्वजीवनामून ज्ञानम्

गुणवत्ता-नीति

अटल बिहारी वाजपेयी- भारतीय सूचना प्रौद्योगिकी एवं प्रबन्धन संस्थान ग्वालियर, सभी हितधारकों की अपेक्षानुरूप उच्च गुणवत्ता की शिक्षा, अनुसंधान, प्रशिक्षण, क्षमता विकास एवं सलाहकार सेवाएँ प्रदान करने हेतु प्रतिबद्ध है, हम अपनी प्रबन्धन पद्धति को अधिक प्रभावकारी बनाने के उद्देश्य से निरन्तर प्रयास करने के प्रति भी प्रतिबद्ध है ताकि अभिनव पद्धतियों के माध्यम से हम ज्ञान-जाल आधारित समाज की ओर बढ़ सकें।

इस उद्देश्य की पूर्ति हेतु संस्थान :

- समय-समय पर गुणवत्ता आडिट।
- संस्थान की नीतियों पर आंतरिक संवाद उसे
- समझने के निरन्तर प्रयास,

नीतियों का निरन्तर एवं पूर्ण अनुसरण करता है।

ह0 / -
निदेशक

QUALITY POLICY

ABV-IIITM Gwalior is committed to providing Quality Education, Research, Training, Capacity Development and Consulting Support to the satisfaction of all stakeholders; we are also committed to a continuous effort for improving the effectiveness of management practices towards a knowledge-networked society through innovations.

This is accomplished by:

- Periodical quality audits
- Communicating and understanding the
- Policy within the Institute
- Adhering to compliance regularly

Date: 03.02.2010

Sd/
DIRECTOR





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ABV- Indian Institute of Information Technology Management Gwalior

Administration

• Board of Governors

Dr. M. N. Buch <i>Chairman</i> E-4/17, Arera Colony, Bhopal	Prof. S. G. Deshmukh, <i>Member</i> Director, ABV-IIITMG Gwalior	Shri Anurag Jain <i>Member</i> Secretary, DIT, M P Govt., Ballabh Bhawan, Bhopal.	Shri Sunil Kumar, <i>Member</i> Joint Secretary (HE), MHRD, Shastri Bhavan, New Delhi
Shri N. Ravi Shanker <i>Member</i> Joint Secretary, (e- Infrastructure / e- Learning Group) DIT, 6, CGO Complex, New Delhi-10 003	Prof. Sanjay G Dhande <i>Member</i> Director, Indian Institute of Technology Kanpur, Kanpur 208016	Prof. Devi Singh, <i>Member</i> Director, IIM Lucknow 841, Nav Sansad Vihar, Plot No.4, Sector-22, Dwarika, New Delhi	Chairman, <i>Member</i> AICTE, 7th Floor, Chanderlok Building, Janpath, New Delhi
Prof. Rajan Saxena <i>Member</i> Vice Chancellor, SVKM's NMIMS University, V. L. Mehta Road, Vile Parle (W), Mumbai - 400 056.	Prof.V. Rajaraman <i>Member</i> Hon. Professor Supercomputer Education and Research Centre, IISc. Bangalore	Shri Cyrus Guzder, <i>Member</i> CMD, AFL Private Limited, AFT House, Lok Bharti Complex, Marol Maroshi Road, Andheri (East), Mumbai- 400 059	Shri Manoj Gaur, <i>Member</i> Executive Chairman, Chief Executive Officer and Managing Director, Jaiprakash Associates, Sector-128, NOIDA
Dr. Anupam Shukla <i>Member, Associate</i> Professor, ABV-IIITMG	Dr. Deleep Kumar, <i>Secretary, Registrar,</i> ABV-IIITM, Gwalior		

• Finance Committee

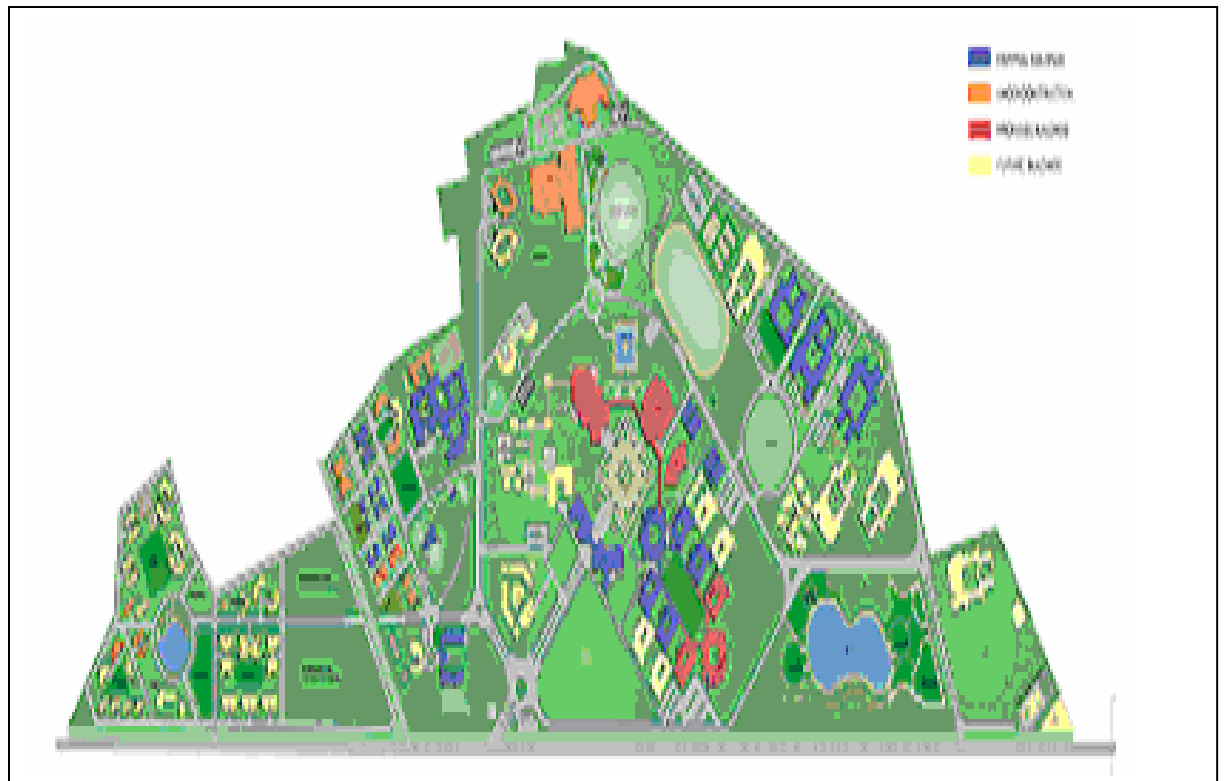
Dr. M. N. Buch <i>Chairman</i> E-4/17, Arera Colony, Bhopal	Shri Sunil Kumar, <i>Member</i> Joint Secretary (HE), MHRD, Shastri Bhavan, New Delhi - 110 001	Shri S. K. Ray <i>Member</i> JS / FA, MHRD Shastri Bhavan, New Delhi - 110 001	Shri J N Godbole <i>Member</i> Former Chairman IDBI 604A, Cottage Land, Plot No. 16, Sector 19A, Nerul, Navi Mumbai
Shri S L Chhajed <i>Member</i> C.A. R-12, M.P. Nagar, Zone-1, Bhopal-462 011	Prof. S. G. Deshmukh <i>Member</i> Director, ABV-IIITM Gwalior	Dr. Deleep Kumar <i>Registrar,</i> ABV-IIITM Gwalior	Mr. Avinash Talegaonkar <i>Secretary</i> FA&CAO, ABV-IIITMG



• **Building & Works Committee**

<p>Prof. S. G. Deshmukh <i>Chairman</i> Director, ABV-IIITM Gwalior</p>	<p>Ms. Seema Raj <i>Member</i> Director (T) MHRD, Shastri Bhavan, New Delhi</p>	<p>Shri P. B. Vijay <i>Member</i> Advisor IIITMG, Former DG, CPWD, A-39B, DDA Flats, Muniraka, New Delhi</p>	<p>Shri G S Palnitkar <i>Member</i> 98, E-2, Mahavir Nagar, Bhopal-462 016</p>
<p>Shri A. L. Sancheti, <i>Member</i> C.E. (Retd),, PWD, Bhopal</p>	<p>Prof. K C Iyer <i>Member</i> Vice-Chairman (Establishment), IIT Delhi-16</p>	<p>Dr. Deleep Kumar <i>Member</i> Registrar, ABV-IIITMG</p>	<p>Mr. S K Taneja <i>Secretary</i> Institute Engineer (Civil), ABV-IIITM, Gwalior</p>

Map of the Institute





विश्वजीवनामनं ज्ञानम्

Director's message

As you are aware, India is playing a vital role in the digital global economy fuelled by IT. Taking a strong note of this, the institute, first of its kind in India, combining both IT and management was established by the Government of India as an apex autonomous institute to cater to the growing needs of the IT industry. The IT revolution is flattening and shrinking the world and intensifying competition which poses a variety of challenges and opportunities. The institute aims to take up this challenge upfront by grooming technology developers, technology managers and researchers through a carefully designed academic portfolio comprising integrated postgraduate programmes, M Tech, MBA and Ph D.

The vision of the institute is to achieve *global excellence in knowledge economy*. This vision says little but means much more to all of us (faculty, students, staff and all our stakeholders) at the institute: a vision we personally believe with passion. The emerging knowledge economy requires special technical and managerial skills coupled with appropriate training and wide exposure to the state-of-the-art practices. Through dedicated efforts of faculty and students, the institute attempts to translate vision into action. We continuously strive for excellence through collaborative research in contemporary areas of relevance to society at large. I am happy to report that we have active research collaborations with universities abroad.

The strong foundation that we build in IT and in the select areas of management gives our students a distinctive edge to create solutions that improve lives and make the world flatter. A well structured yet flexible curriculum enables students to develop a strong set of competencies desired in today's hyper-competitive world. A vibrant link with the industry, government and business helps students to capture the dynamism of the real world.

The institute has excellent physical and IT infrastructure and is able to attract brighter brains. Spread over 160 acres of green campus, the institute provides quality ambience to nurture creative minds. A strong base of over 1300 alumni is a testimony to our contribution to the IT landscape.

At ABV-IIITM, we are developing and training human resource to meet today's challenges and tomorrow's opportunities.





विश्वजीवनामून आनम

ABV- Indian Institute of Information Technology Management
Gwalior

About the Institute



Atal Bihari Vajpayee-
Indian Institute of Information Technology and Management Gwalior



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ABV- Indian Institute of Information Technology Management Gwalior

About the Institute

Atal Bihari Vajpayee Indian Institute of Information Technology and Management, Gwalior (ABV-IIITM Gwalior), is an apex Information Technology (IT) and Management Institute, established by the Government of India. The institute is recognized as a deemed-to-be-university. The Institute strives to become a world-class Institution which endeavors to carve young minds through teaching and research and develop them as tomorrow's leaders. The Institute's mandate is to create Information Management solutions for



The Institute offers various Masters and Doctoral level programmes at lush green acres on the Fort, the Institute is self-amenities for all round

students. The Institute's activities are aimed at developing amongst students an inquisitive mind and a culture of camaraderie and research.

The Institute has established research collaborations with various Universities in USA, France, and Japan. The Institute has also developed industrial linkages with various research labs and industries. The

research work in and journals of won various etc and are like TCS, Wipro,



students of the Institute are publishing their various national/international conferences repute. The students of the Institute have contests organized by Intel, Microsoft IBM, getting placed with the reputed companies Amdocs, Microsoft, Connexant etc.

Student's life and activities on the campus provide a challenging and creative environment which inculcates independent thinking and develop holistic perspective. For all round development of students various cultural and sports related events are organized throughout the year.





विश्वजीवनामनं ज्ञानम्

Institute Statistics

Total Area	60.545 Hectares/6,05,450.00 Sqm
Permissible area of construction	121090.00 Sqm
Area Constructed	57,818.00 Sqm

Hostels

No.	No. of Students	Capacity	Area (Sqm)
BH 1	204	313	8705.00 Sqm
BH 2	210	311	8051.00 Sqm
BH 3	188	256	6339.00 Sqm
GH	106	135	5670.00 Sqm
Total	708	1015	

Academic Blocks

Name of Wing	Area (Sqm)
A	3200 Sqm
B (Lecture complex)	3475.00 Sqm
C	3200 Sqm
D	3200 Sqm
E	3200 Sqm

Faculty Residence

Quarter Type	No. of Quarters	Unit Area	Total Area
Type II A	4	222 Sqm	888 Sqm
Type II B	6	200 Sqm	1200 Sqm
Type III	12	150 Sqm	1800 Sqm
Type IV (HIG at DD Nagar)	8	100 Sqm	800 Sqm





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Other

Area of the institute (In acres)	160
Faculty Strength (as on May, 2010)	30
Current number of students on roll (as on March 31, 09)	610
Ph.Ds. awarded to date	19
Ongoing Research Projects	07
Laboratories at Institute	16
Available books in Institute Library	16434
Number of Seminars/Workshops/Conferences/Short Term Courses	55





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Academics



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Indian Institute of Information Technology and Management Gwalior



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Faculty

• Faculty Expertise

<p>G.K. Sharma (gksharma@iiitm.ac.in) Ph.D. (Roorkee Univ.) (CAD of VLSI, AI, Parallel & Distributed Computing, Network & Security)</p>	<p>Sudha Bhandari (sbhandari@iiitm.ac.in) Ph.D. (DSC) (Language & Communications)</p>
<p>Rajendra Sahu (rsahu@iiitm.ac.in) PhD (IIT-Kgp) (e-Business, Financial Services, SCM, Data Mining)</p>	<p>Anupam Shukla (anupamshukla@iiitm.ac.in) PhD (NIT-R) (Soft Computing, AI, Speech Processing, Biomedical and Bio-informatics)</p>
<p>Aditya Trivedi (atrivedi@iiitm.ac.in) Ph.D. (IIT-R) (Digital communication, CDMA systems, Signal processing, and Networking)</p>	<p>M. Bhattacharya (mb@iiitm.ac.in) Ph.D. (Calcutta Univ.) (Medical image processing, soft computing, pattern recognition, artificial intelligence)</p>
<p>S. Tapaswi (stapaswi@iiitm.ac.in) Ph.D. (IIT-R) (Image Databases, Computer Networks, Mobile Computing)</p>	<p>Deepali Singh (drdeepali@iiitm.ac.in) Ph.D (Jiwaji) (Marketing, Customer Relationship Management, IT enabled Marketing)</p>
<p>Karm Veer Arya (kvarya@iiitm.ac.in) Ph.D.(IIT-K) (Image Processing, Biometrics, Fault Tolerance Computing, Wireless Adhoc Networks, Secure Image Transmission, Signal Processing)</p>	<p>Pramod Kumar Singh (pksingh@iiitm.ac.in) Ph.D.(IIT-Kgp) (Soft Computing, Multi-objective Optimization, Computer Networks, Data Mining)</p>
<p>Padmanav Acharya (pacharya@iiitm.ac.in) Ph.D. (IIT-Kgp) (SE & Methodologies, Project Management, OM)</p>	<p>Ritu Tiwari (ritutiwari@iiitm.ac.in) Ph.D.(NIT Raipur) (Biometrics, Robotics, Soft Computing and Bio-Medical Engineering)</p>
<p>Naval Bajpai (nbajpai@iiitm.ac.in) Ph.D. (RSU) (Business Statistics, Business Research Methods, OB, Consumer Behavior, Marketing Research)</p>	<p>M. Patwardhan (manojp@iiitm.ac.in) Ph.D. (Jiwaji) (Human Resource Management, Organizational Behavior, General Management)</p>
<p>Pankaj Shrivastava (pankajs@iiitm.ac.in) Ph.D. (Allahabad Univ.) (Solid State Physics, Nanotechnology, Quantum computing & Information, nanoelectronics)</p>	<p>Anurag Shrivastava (anurags@iiitm.ac.in) Ph.D.(Barkatullah Univ) (Material Modeling, Nano Science & Technology, Content Digitization in Indian language, IT localization).</p>
<p>Joydip Dhar (jdhar@iiitm.ac.in) Ph.D (IIT-K) (Industrial Mathematics; Mathematical Modelling and Simulation in Environmental, EMS, Management systems; Financial Mathematics and Fuzzy logic applications)</p>	<p>Manisha Pattanaik (manishapattanaik@iiitm.ac.in) Ph.D. (IIT Kgp) Leakage power reduction of nanoscale CMOS circuits, characterization of logic circuit techniques for low power/low voltage and high performance analog and digital VLSI applications and CAD of VLSI</p>





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Gaurav Agrawal (gaurav@iiitm.ac.in) Ph.D. (BU) Financial Management, Financial Markets, Financial Econometrics	Gyan Prakash (gyan@iiitm.ac.in) Ph.D.(IIT-K) Supply Chain Management, Information Systems
Pradip Swarnakar (ps@iiitm.ac.in) Ph.D (IIT-K) Environmental Sociology, Risk Perception , ICT for Development, Sociology of New Media and Internet	Jaidhar C.D. (CDJ@iiitm.ac.in) Ph.D (NIT Trichy) Computer Networks, Network Security
K K Pattanaik (kkpatnaik@iiitm.ac.in) Ph.D.(BIT-Mesara) Grid and Distributed Computing, Mobile Computing	Ajay Kumar (ajayfma@iiitm.ac.in) Ph.D. (IIT-R) Reliability, Optimization, Soft Computing
Manoj Dash (manojdash@iiitm.ac.in) Ph.D. (BU, Orissa) Econometrics, Managerial Economics, Entrepreneurship, Macro Economics, Research Methodology, Mktg Research, Consumer Behavior	Nirmal Roberts (nirmal@iiitm.ac.in) M Tech (IIT-K) Computer Networks, Storage Networks, Network Management, Operating Systems, Service Oriented Architecture, IT Infrastructure Design
Avantika Singh (avantika@iiitm.ac.in) Ph.D.(IRMA) Public Policy, Governance, Health Management, OB	Jagdish Chand Bansal jcbansal@iiitm.ac.in) Ph.D.(IIT-R) Nature Inspired Optimization Techniques, Cryptography
Nidhi Taneja (nidhi@iiitm.ac.in) Ph.D.(IIT-R) Multimedia Security, Wireless Communication, Digital Communication	





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Professional Recognition of Faculty

S. N.	Name of faculty	Professional Recognition
1	<p>Dr. Anupam Shukla</p> 	<ul style="list-style-type: none"> • Member of Program and Organizing Committee in the 2009 World Congress in Computer Science Engineering and Applied Computing. • Member of Technical Committee in 2009 International Conference on Applied Physics and Mathematics (ICAPM), 2009. • Member of Technical Committee Reviewer of IEEE Transactions on Information Technology in Bio-Medicine. • Book Reviewer of Tata Mc-Graw Hills. • Book Reviewer for Prentice Hall of India Ltd. • Editor of International Journal of AI by Inderscience Publisher. • Editor of Journal of Digital Content Technology and its Applications (JDCTA). • Member of Reviewer Committee of ELSEVIER publisher. • Member of Technical Committee in 2009 International Conference on Advanced Management Science (ICAMS). • Member of Technical Committee in 2009 International Conference Computer Engineering and Technology (ICCET). • Member of International Program Committee in 2009 International Conference on Artificial Intelligence (ICAI). • Member of Program Committee of International Conference on Computer Science and Information Technology (ICCSIT) -2008.
2	<p>Dr. Mahua Bhattacharya</p> 	<ul style="list-style-type: none"> • Frank George Award UK (2000) . WOSC – The World Organization Of Systems & Cybernetics) • Editorial Board Member for International Journal of Soft Computing and Bioinformatics • Editorial board member Journal of Advanced Research in Computer Engineering • Invited Speaker on 'Bioinformatics and its prospects in India' organized by Institution of Electronics & Telecommunication Engineers (IETE,) 2004 • Invited Speaker in the Institute of Advanced Study in Science and Technology, Guwahati (Department of Science and Technology, Govt. of India) for the workshop on 'Recent Trends and New Directions of Research in Cybernetics and Systems Theory', January 2004 • Co-ordinating Member National Brain Research Centre, Gurgaon. • Member of Reviewer Committee for First International Conference on HCI (Springer) 2009 • Selected Member of Irish Pattern Recognition and Classification Society, 2006, UK • Invited Speaker in the third Intl. Conference of Applied Mathematics 12th Aug. - 18th Aug. 2006, Plovdiv, Bulgaria • Session Chair in the Indian International Conference on Artificial Intelligence, Pune 17th -19th Dec. 2007 • Reviewer: IEEE Transactions on Engineering in Biology and Medicine Society, Elsevier • Member of the Program Committee for International Conference on Artificial





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		<p>Intelligence and Pattern Recognition (AIPR-08), Florida, USA 2008</p> <ul style="list-style-type: none"> • Member of Program Committee in International Joint Conferences on Bioinformatics, Systems Biology and Intelligent Computing, August 3-6, 2009, Shanghai, China • Invited Talk on “ Medical Image Processing: Case Studies for Breast cancer Screening ” Bhaba Atomic Research Centre, VECC , (Department of Atomic Energy, GOI), Salt Lake, Kolkata 22nd April, 2009 • Invitation for delivering lecture in 3rd World Cancer Congress- Shanghai, China April 2010.
3	<p>Dr. Aditya Trivedi</p> 	<ul style="list-style-type: none"> • IETE's K S Krishnan Memorial Award for best system oriented paper • Served as reviewer for journals & Conferences: IEEE Signal Processing Letters; Springer International Journal of Wireless Personal Communication • Session chair in IEEE International Conference on Computational Intelligence, Communication and networks 2009 • Reviewer of Tata Mc-Graw Hill books: Fundamentals of Signals and Systems by <i>Michael J Roberts</i>, and Mobile and Cellular Communication.
4	<p>Dr. P. Acharya</p> 	<ul style="list-style-type: none"> • Reviewer (Journals): Int. J of Technology Management, J of World Business (Elsevier) • Reviewer (Conference) :International Conference on Product Development at IIT Madras • Reviewer (Books): Software Project Management authored by Hughes and Cotterell- TMH • Conference Session Chair: National Conference on System Dynamics, Institute of Public Enterprises, Osmania University, Hyderabad, June 2007 • Session Chair at National Conference on System Dynamics, BVB College of Engg., Hubli, Karnataka, Dec 2006 • Invited Lecture: On “Energy Modelling”, and “ISO 14000 and the Guidelines for Energy Management” in the AICTE-Sponsored Short Term Course on “Energy Resources, its Conservation and Management” at IGIT, Sarang, Orissa during June 2008 • Invited Lecture On “Software Project Management in Indian IT Firms: A Survey Based Approach To Issues And Challenges” in the AICTE-Sponsored QIP Short-Term Course on Software Project Management at Department of IEM, IIT Kharagpur March 1-5, 2006 • Book Chapter: A chapter of the author on “Management of Software Projects in Indian IT Firms: Issues, opportunities and Challenges Before Project Managers” has been included in the Professional Reference Books published by ICFAI, Hyderabad entitled- <ol style="list-style-type: none"> 1. Techniques and Applications for Effective Project Management 2. Managing Software Professionals
5	<p>Dr. K. V. Arya</p> 	<ul style="list-style-type: none"> • Reviewer (Journals): Elsevier Pattern Recognition Letters, IEEE Transactions on SMC: Part-B, International Journal of Biometrics, ACTA Press Canada International Journal of Computers and Applications • Reviewer (Conference) : IEEE ICDCIT, IEEE ADCOM, IICAI, ICVGIP, ICCIT, IEEE TENCON





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		<ul style="list-style-type: none"> • Reviewer (Books): Introduction to Languages and Theory of Computation by <i>John C Martin</i>, and Discrete Mathematics by <i>Kenneth H. Rosen</i>-TMH • Publicity Co-Chair for IEEE International Conference on Industrial & Information Systems (ICIIS2009), Peradeniya, Sri Lanka. • International Programme Committee Member in 4th International Conference on Computer Science & Convergence of Information Technology (ICCIT2009), Seoul, South Korea. • Technical Programme Committee Member in IEEE Intl. Workshop on Time Critical Applications (IWTCA2009), St. Petersburg, Russia. • Session Chair in International Conference on "<i>Systems, Man, and Cybernetics</i>", Singapore, Oct. 2008. • Expert lecture at Nanyang Technological University Singapore, Oct. 2008 • Session Chair in 3rd Jammu & Kashmir Science Congress at University of Jammu, Jammu, India, Feb. 2008. • Expert lecture in 3rd Jammu & Kashmir Science Congress at University of Jammu, Jammu, India, Feb. 2008. • Invited lecture in International "Symposium on Information Technology" at Yeungnam University, DaeGu, South Korea, Nov. 2005. • Session chair in International Conference on "Ubiquitous & Embedded Computing System and Management", DaeGu, South Korea, Nov. 2005. • Invited lecture in International "Workshop on Information Technology" at Catholic University of DaeGu, DaeGu, South Korea, Nov. 2005.
6	<p>Dr. Deepali Singh</p> 	<ul style="list-style-type: none"> • Young Teacher Career Award from AICTE -2005 • Outstanding Young Indian Award (TOYI-2006) from Junior Chamber International. • Best Research Paper Award for the paper "Trust in Electronic Market-Customers' Perspective" at the 2006 International Academy of Business and Technology conference, Mystic, Connecticut, USA. • Top Outstanding Women Management Researcher Award, from AIMS International 2008. • Member Editorial Board of AIMS International Journal of Management, AIMS International Directory of Indian Management Educators, USA, E-Commerce Magazine • Advisory Director Common wealth Center for E- Governance India Chapter and executive member All India Management Association and All India Management Schools • Reviewer for Research Journals: Reviewed papers for International Journal of Supply chain Management, International Journal of Management Decisions, Chartered Accountant, Management and Accounting Research , International Journal of Business and Emerging Markets, e-Commerce magazine, Reviewed papers in conferences like 42nd Hawaiian International Conference on System Sciences, IIM Bangalore Research Conference, NPD Conference IIT Madras, AIMS International Journal of Management





7	<p>Dr P K Singh</p> 	<ul style="list-style-type: none"> • Member Advisory Committee (National Conferences) <ul style="list-style-type: none"> ○ National Conference on Advance Computing (NCAC-2010) to be held at Allahabad, India on August 20, 2010. • Invited Tutorial <ul style="list-style-type: none"> ○ Multi-objective Optimization and Challenges with Many-objective Optimization at International Multiconference on Intelligent Systems & Nanotechnology (IISN-2010), ISTE Klawad, India on Feb 27, 2010. • Session chair <ul style="list-style-type: none"> ○ International Multiconference on Intelligent Systems & Nanotechnology (IISN-2010), ISTE Klawad, India on Feb 27, 2010. • Invited lecture / Talk <ul style="list-style-type: none"> ○ “Multi-objective Optimization” at MITS Gwalior on Feb 05, 2010. ○ “Multi-objective Genetic Algorithms and Engineering Applications” at IIIT, Hyderabad on Jan 30, 2010. ○ “Evolutionary Multi-objective Optimization Techniques” at HCST Mathura, Indian on Nov 03, 2009. ○ “Soft Computing and Applications” in National Seminar on Engineering Trends in Computing through IT Enabled Systems at AEC Agra on Feb 07, 2009. ○ “Genetic Algorithms and Applications” at NIT, Jalandhar on Jan 02, 2009. ○ “Multi-objective Optimization Using Genetic Algorithms” at NIT Surat on Dec 23, 2008. • Reviewer (Journals) <ul style="list-style-type: none"> ○ European Journal of Operations Research (EJOR) published by Elsevier ○ Advances in Applied Research • Reviewer (Books) <ul style="list-style-type: none"> ○ Software Project Management 5/e by Hughes and Cottrell for Tata McGraw-Hill Education Private Ltd. ○ Neural Networks by Satish Kumar for Tata McGraw-Hill Education Private Ltd. • Member Program Committee (International Conferences) <ul style="list-style-type: none"> ○ The Eighth International Conference on Simulated Evolution and Learning (SEAL-2010) to be held at Kanpur, India on Dec 01-04, 2010. ○ International Conference on Computational Intelligence and Communication Networks (ICN 2010) to be held at Bhopal, India on Nov 26-28, 2010. ○ International Conference on Computer and Communication (ICCC-2010) to be held at MNNIT Allahabad, India on Sep 17-19, 2010. ○ Workshop on Data Mining with Graphs and Matrices (WDGM'10) to be held at Tiruchirappalli, India on July, 29, 2010. • Member Program Committee (National Conferences) <ul style="list-style-type: none"> ○ National Conference on “E-Learning: An Innovative Knowledge Oriented Framework” held at New Delhi, India on Sept 09-10, 2009. • Member Technical Program Committee (International Conferences)
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		<ul style="list-style-type: none"> ○ 3rd International Power and Energy Conference (PECon 2010) to be held at Kuala Lumpur, Malaysia on Nov 29 – Dec 01, 2010. ○ IEEE Symposium on Industrial Electronics & Applications (ISIEA 2010) to be held at Penang, Malaysia on Oct 03-06, 2010. ○ International Conference on Contemporary Computing (IC3-2010) to be held at JIIT University Noida, India on August 9-11, 2010. ○ 5th International Conference on Industrial and Information Systems (ICIIS 2010) to be held at NIT Suratkhil, India on July 29 – Aug 01, 2010. ○ 4th International Conference on Embedded and Multimedia Computing (Em-Com 2009) held at Jeju, Korea on December 10 - 12, 2009. ○ IEEE Symposium on Industrial Electronics & Applications (ISIEA 2009) held at Kuala Lumpur, Malaysia on Oct 04-06, 2009. ○ International Conference on Contemporary Computing (IC3-2009) held at JIIT University Noida, India on Aug17-19,2009. ○ 7th ACS/IEEE International Conference on Computer Systems and Applications (AICCSA 2009) held at Rabat, Morocco on May 10-13, 2009. ○ International Conference on Electronic Devices, Systems & Applications (ICEDSA 2010) held at Kuala Lumpur, Malaysia on April 11-13, 2010. ● IEEE International Advance Computing Conference (IACC 2009) held at Thapar University Patiala, India on March 6-7, 2009.
8	<p>Dr. Manoj Patwardhan</p> 	<ul style="list-style-type: none"> ● Best paper awarded in the International conference at Germany. ● Invited by AIMA – Tarapur Chapter as a guest speaker in the Management Convention on a theme of “Vision 2020 – Great Business Opportunity” ● Conducted a session on “Human Relations at Work Place” under Worker’s participation programme, organized by Central Board for Workers Education, Ministry of Labour & Employment, Government of India. ● Conducted classes for middle and senior level of executives of J K Tyres Ltd., Courses run by All India Management Association (AIMA), New Delhi.
9	<p>Dr. Pankaj Srivastava</p> 	<ul style="list-style-type: none"> ● Nominated to contribute a chapter on “Nanowires” in IN-TECH Publications, Austria, 2009 ● Reviewer of International journals of Elsevier Science since 2008 ● International Biographical Centre, England selected Foremost Scientist of the world-2009 ● Worked as Research Fellow, at ICTP, Italy ● Life member of Indian Society for Technical Education (ISTE), New Delhi ● Attended 05 International conferences & 14 national conferences. ● Published 22 research papers in International referred journals up to Nov.2009. ● Published more than 24 papers in international & national conference proceedings till Nov. 2009.
10	<p>Dr. Anurag Srivastava</p>	<ul style="list-style-type: none"> ● Award of Excellence as Winner Mentor of team Achiever in TGMC-09 Contest by IBM ● Invited to be the Program Chair for International conference on MEMS Nano and Smart Systems (ICMENS-10), 4-15 Dec, 2010, China ● Member of IT Audit Board of M.P. Government (2009)



		<ul style="list-style-type: none"> • Nominated as IT expert for M.P. Treasury Online system, IFMIS, 2009 • Reviewer of Tata Mc-Graw Hill book: Software Project Management by Bob Hughes and Mike Catterell (2009) • Member of Editorial Board, ISST Journal of Applied Physics, India • Editor in Chief, Fibonacci, first online Open source Magazine, (2009) a joint publication of SF-FOSS, Sun Micro System and NRC-FOSS • Coordinator, Technology Innovation & Incubation Centre, IIITM, Gwalior • IT Expert for www.ideasforcm.in by Director General, School of Good Governance and Policy Analysis, Govt. of M.P. 2009 • Award for excellence in e-Governance initiative in Madhya Pradesh (2008-09). • Member, Board of Studies in Physics and IT, MATS University, Raipur, 2008-09 • Associate Editor, Ch. J. of Sc. & Tech. (a joint publication of G. G. Univ. & CGCOST, 2003-2006) • Member, Board of studies, Comp. Sc.& IT (2003-2006) • Member National Advisory Committee of International Conference on Nano Sc. And Technology (ICANAT-08) • Member of Theory Modeling and Computational Methods of Semiconductors (TMCS) Network, along with other Indian member Dr. D. D. Sharma from IISc. Bangalore. Other 12 Institutions of U.K. • Expert of Moderation Committee for IT and Comp. Sc. Subjects at Dr. B. R. Ambedkar Central University, Lucknow. • Visiting Professor in 2006 by Michigan Technological University, USA • Member, Inst. of Physics, London • Member, Computer Society of India • CMSN Associate, Basic Energy Sciences, U.S. Department of Energy • Visiting Professor in 2001 by Ministry Science & Technology, Japan • Visiting Researcher in 2001, ICTP, Italy • Guest Researcher in 1998-1999 by Uppsala University, Sweden • Young Scientist Award for Physics in 1997 by Council of Science & Technology (M.P.), India 1997
11	<p>Dr. Joydip Dhar</p> 	<ul style="list-style-type: none"> • Professor J. N. Kapoor memorial lecture at B R Ambedkar University, Agra, Dec. 2008 • Participated in ACM ICPC World final at Stockholm April 2009 as coach of the team representing India • Reviewer of six international journals (AMEN, Non-linear analysis:Real world problems, Non-linear analysis: Hybrid system, Applied Mathematical Modeling (All are Elsevier Publications); Asymptotic Analysis (World Sc. Press) • Reviewer of two national journals of Indian Mathematical Society. • Invited member of American Mathematical society • Life member of Indian Society of Mathematical Modeling and Computer Simulation (ISMMAACS). • Published more than 40 papers in many international and national journals. • Attended 10 international conferences.

12	<p>Dr. Manisha Pattanaik</p> 	<ul style="list-style-type: none"> • Referee of IEEE International Conferences on VLSI Design (2003-2004). • Member-World Scientific and Engineering Academy and Society (WSEAS), Greece,
13	<p>Dr. Ritu Tiwari</p> 	<ul style="list-style-type: none"> • Young Scientist Award of Chhattisgarh Council of S & T, 2006. • Reviewer for IEEE Transactions on Pattern Analysis & Machine Intelligence. • Reviewer of IET Computer Vision • Reviewer of IET Signal Processing • Book Reviewer for Tata McGraw Hills. • Reviewer for "ACM Computing". • Reviewer for "Journal of Biomedical Informatics" from Elsevier. • Reviewer of an international journal of Digital Signal Processing by ELSEVIER. • Editor of Research Journal of Information Technology by Science Alert. • Editor of Journal of Artificial Intelligence by Science Alert. • Editor of Journal of Digital Content Technology and its Applications (JDCTA). • International Editor of GConference.net. • Reviewer of International Journal of Physical Sciences, Academic Journals. • Reviewer of Science Alert (an international journal). • Reviewer for many international Conferences like CSIE 2009, GCIS 2009 etc.... • Member of Program & Organizing Committee in international conferences like, The 2009 World Congress in Computer Science Computer Engineering and Applied Computing, International Conference on Artificial Intelligence (ICAI-2009) etc.....
14	<p>Dr. K. K. Pattanaik</p> 	<ul style="list-style-type: none"> • Organizing Secretary for National Symposium on "Role of Green Computing in Mitigating Environmental Conflicts", Sponsored by Ministry of Environment and Forest and AICTE • Recipient of Vice-Chancellor's "Collaborative research visit" award. Spent 2 months at GRIDS laboratory, Melbourne University, Australia for collaborative research in Grid Computing • Invited Speaker at School of Computer Science, Adelaide University, Adelaide, on Economic Institution based Resource Management in Grid Computing – Issues, Challenges, and Scope • Successfully Completed one Major Project on "Grid based Virtual Screening of Tuberculosis" sponsored by AICTE, New Delhi (2008-2010) in the capacity of Principal Investigator
15	<p>Dr. Gyan Prakash</p> 	<ul style="list-style-type: none"> • Reviewer for IEEE International Conference on "Industrial Engineering and Engineering Management" (IEEM2009), National University of Singapore. • Reviewer for International Journal of Production Research (Taylor & Francis) • Reviewer for Quality Assurance in Education (Emerald) • Reviewer for IIMB Management Review Journal (EBSCO) • Reviewer for IEEE International Conference on "Industrial Engineering and Engineering Management" (IEEM2009), National University of Singapore. • Reviewer for International conference on "New Product Development, 2009",



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		<p>IIT Madras.</p> <ul style="list-style-type: none"> • Reviewer for for 2nd and 3rd IIM Bangalore IMR Conference 2006/2008. • Invited Speaker in Workshop on Knowledge Management in South East Asia organized by GDN and World Bank, 2007.
16	<p>Dr. Manoj Kumar Dash</p> 	<ul style="list-style-type: none"> • Paper Reviewer of International academy of Business and Economics. • Published two text book, One Research Book and Three edited book till date. • Star Performer award for June-Dec 2008 (Even semester) in Institute of Technology and Science Mohan Nagar in 5th Sept 2009. • Star Performer award for Jane-June 2009 (Odd semester) in Institute of Technology and Science Mohan Nagar in 12th Nov 2009. • Best Research paper award in National Seminar on Reengineering HRM in Current times organized by ITS. Mohan Nagar in 3rd and 4th Oct 2009. • Best Research paper ward in National Seminar on Supply chain Management held at ITS Greater Noida on 14th Nov 2009. • Best Research paper award in National Conference on Management Challenges in the changing Global Scenario, organized By GNIT group of Institution, Greater Noida , 28th-29th November, 2009 • Published two text books, One Research Book and Three edited books till date. • Star Performer award for Jan-June 2009 (Odd semester) in Institute of Technology and Science Mohan Nagar on 12th Nov 2009. • Best Research paper award in National Seminar on Reengineering HRM in Current times organized by ITS. Mohan Nagar during 3rd and 4th Oct 2009. • Best Research paper ward in National Seminar on Supply chain Management held at ITS Greater Noida on 14th Nov 2009.
17	<p>Dr. Ajay Kumar</p> 	<ul style="list-style-type: none"> • Life time member of ISIAM (Indian Society of Industrial an Applied Mathematics) • Published 9 research papers in national/international conferences/journals. • Speaker in AICTE/MHRD programme on Modeling & Simulation in Applied Sciences & Engineering, ABV-IIITM Gwalior, 8-12 December, 2009.
18	<p>Dr. Jagdish Chand Bansal</p> 	<ul style="list-style-type: none"> • Invited talk in Deptt. of Mathematics and Comp. Sc., St. Louis University, St. Louis Missouri, USA • Expert talk in Faculty Development Program of Operations Research and Its Applications, MIET, Meerut, India • Published 12 research papers in peer reviewed international journals and international conferences. • Reviewer of International Journal of Bio-Inspired Computation (IJBIC). • Outstanding Doctoral Dissertation Award, third position, NaBIC-2009, Coimbatore, India • young Scientist Award, In Mathematics, GAMS'- 2009, Gwalior, India • Received Gold Medal for UG and PG.

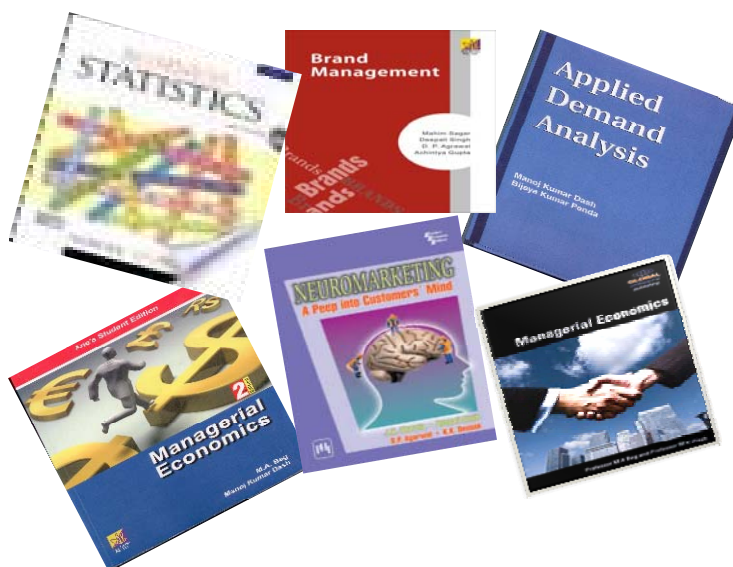




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Books Published by Faculty

SN	Name of Book	Faculty	Publisher	Year of Publish
1	Emerging Business Strategies : A Road Map and Road Block to Indian Sub-continent (Edited Book)	Dr. Manoj Kumar Dash	Wisdom Publication	2008
2	Need For HR Renaissance in India (Edited Book)	Dr. Manoj Kumar Dash	Wisdom Publication	2008
3	Marketing Innovations for Reaching Consumers (Edited Book)	Dr. Manoj Kumar Dash	Wisdom Publication	2008
4	Applied Demand Analysis (Research Book)	Dr. Manoj Kumar Dash	Serial Publication	2009
5	Brand Management	Dr. Deepali Singh	Ane Publishers, Delhi	2009
6	Business Statistics	Dr. Naval Bajpai	Pearson	2009
7	Managerial Economics (2 nd ed.) (Text Book)	Dr. Manoj Kumar Dash	Ane Publication, New Delhi	2010
8	Managerial Economics (1 st ed.) (Text Book)	Dr. Manoj Kumar Dash	Global Professional Publishing, United Kingdom	2010
9	NEUROMARKETING : A Peep into Customers' Minds	Dr. Deepali Singh	PHI	2010





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Academic Programmes

- **Doctoral programme**

The institute offers structured doctoral programme in the areas of Information and Communication Technologies, Management and applied sciences.

- **Integrated Post Graduate (IPG) Programme**

The Institute offers a five - year dual degree Integrated Post Graduate (IPG) programme leading to dual degree of Bachelor of Technology in Information Technology and Master of Technology/ Master of Business Administration.

- **Master of Technology Programme**

The Institute offers a four-semester Master of Technology programme (M.Tech) in Computer Science and Engineering. The programme offers specializations in the areas of Visual Information Processing, VLSI, Digital Communication, Advanced Network, and Information Security.

- **Master of Business Administration Programme**

The Institute also offers a four-semester programme Master of Business Administration. The focus of the programme is to integrate IT with business processes. The programme offers various courses falling under the specialization areas of Marketing, Human Resource Management, IT & Systems, Operations and Finance.





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Admission Pattern

The admissions to all the academic programmes are based on all India level competitive examinations. Reservation of seats in all the academic programmes is as per Government of India (GoI) norms.

Program	Eligibility	Minimum Duration	Procedure
Integrated Post Graduate (IPG) Programme. This programmes awards dual degrees of : B Tech (IT) +M Tech (IT) Or B Tech (IT) + MBA	As per AIEEE norms. For details about AIEEE please visit: www.aieee.nic.in	Five Years	The students have to give their choice for ABV-IIITM Gwalior in AIEEE examination. Based on their choice and rank in AIEEE examination, admission is offered to IPG Programme.
Master of Business Administration (MBA)	Bachelor's Degree in any branch of Engineering/ Technology or Master's Degree in Computer Application from University/ Institute recognized by AICTE with at least 60%marks/ 6.75 CGPA on a 10 point scale/ Or equivalent, if grades awarded. Relaxation in marks is admissible to SC/ST/OBC/PH candidates as per GoI norms.	Two Years	Students are short- listed through Common Admission Test (CAT) administered by IIMs. This is followed by group discussion and personal interview conducted by ABV-IIITM Gwalior. Student's previous academic qualifications and work experience is given due weightage.
Master of Technology (M Tech) in Computer Science & Engineering with specialization in Advanced Network, Digital Communication, Information Security, Visual Information Processing and VLSI Design	Four year Bachelor's Degree in Computer Science/ Engineering/ Technology, Electronic Engineering, Electrical Engineering or equivalent. A minimum 60% marks/6.75 CGPA on a 10 point scale/ Or its equivalent grade point average in other scales*. Relaxation in marks is admissible to SC/ST/OBC/PH candidates as per GoI norms.	Two Years	Candidates are short listed on the basis of score obtained in Graduate Aptitude Test in Engineering (GATE) examination. The candidates are eligible for scholarships as per Institute/GoI norms.





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Ph D in various areas related to Computer Science/ Information Technology /Management/ Applied Sciences (Mathematics and Physics)	Master's Degree in any branch of Engineering/ Information Technology/ Management/Applied Sciences (Physics and Mathematics) or MBA with Engineering background. Relaxation to SC/ST/OBC/PH as per GoI norms	-	Full time candidates shall be provided assistantship as per Institute/GoI norms.
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* As decided by ABV-IIITM Gwalior

Fee Structure

Programme	Institute fees (tuition & semester fees) <i>(in favour of "Director, ABV-IIITM")</i>				Hostel fees <i>(in favour of "Director, ABV-IIITM, Hostel A/c")</i>	Mess fees <i>(in favour of "Director, ABV-IIITM, Hostel Mess A/c")</i>
	For GEN/OBC		For SC/ST			
	Before'08	After'08	Before'08	After'08		
IPG	13,225	28,700	1,000	3,700	6,500	6,000
MBA	26,750	30,450	1,000	3,700	6,500	6,000
M Tech	10,500	8,700	1,000	3,700	6,500	6,000
Ph.D*	8,500	9,200	1,000	1,700	6,500	6,000

Academic Regulations

Reservation Policy

Reservations for Scheduled Caste (SC), Scheduled Tribe (ST), and Other Backward Classes (OBC) and Physically Handicapped (PH) candidates are as per the Government of India rules.

Provisional Admission

- All students admitted provisionally or otherwise to any programme shall submit copies of their mark sheets, provisional certificates, etc. of the qualifying examination and other documents at the time of admission or by the last date as specified by the academic section of the Institute.
- The admission of a student who fails to submit the prescribed documents by the specified date or fails to meet other stipulated requirement(s) may be cancelled by the Senate. The Senate may also cancel the admission of a student at a later time if it is found that the student was unfit at the time of admission or had supplied some false Information/certification or suppressed relevant information while seeking admission in the Institute.



Academic Session

- The academic year of the Institute normally begins in the last week of July every year and ends by the end of June of the next calendar year. It is divided into three parts: Semester I, Semester II and Summer Term.
- Each of the two semesters consists of several weeks each inclusive of one week of mid-semester recess. The last week of each semester is used for the end semester examination (called as “Major” examination) and half a week during the semester is utilized for the mid-semester examinations (called as “Minor” examinations). Thus, there are about fourteen working weeks (5 days of instruction per week) in each semester. The summer term consists of about eight (8) working weeks, excluding the three days taken up by the mid - term and the end-term examinations.
- The exact dates of all the important events, such as orientation, registration, late registration, commencement of classes, adding and dropping of courses, submission of documents, examinations, submissions of grades, vacations, mid-semester recess, etc., during the academic session are specified in the academic calendar of the Institute.

Semester Registration

General Considerations

- On the dates specified in the academic calendar of the Institute, all students are required to register in each semester for the courses to be pursued by them as per their programme requirements. The entire responsibility for the semester registration rests with the student concerned.
- The semester registration in the Institute involves:
 - a) filling of the registration form mentioning the courses to be credited in the semester/summer term from among the courses offered by the Institute and the programme requirements specified in the curriculum, and
 - b) payment of fees and clearance of outstanding dues, if any.
- A new student in the Institute, who has appeared in the qualifying examination but has not got the final result of the same, may be allowed to register provisionally on submission of a certificate from her/his last institution stating that she/he has appeared in the final examination including theory as well as practical. Such a candidate is required to submit documents of having passed the qualifying examination by the last date for document submission, as given in the academic calendar of the Institute, for getting her/his registration regularized (normally by the end of September)

- If for any compelling reason like illness, etc. a student is unable to register on the day of registration, he/she can register on the late registration day (i.e., after about a week from the beginning of the semester) specified in academic calendar on payment of the late registration fee. However, if a student seeks prior permission to register late on valid grounds, she/he may be allowed to register without paying the late registration fees.

Academic Load and Registration for Courses

- A list of courses to be offered during the semester is put up on the notice boards/ website and is made available to the Course Coordinators.
- A student is normally permitted to register for six/seven courses per semester as per the IPG curriculum of the Institute. Each course carries a weightage in terms of credits depending upon the number of contact hours including lectures and tutorials and/or laboratory hours attached with the course. The normal academic load consists of 25-30 credits per semester.
- A student is required to ensure that she/he has completed the pre-requisite(s), if any, for each course to be registered for. At any stage if it is found that she/he is not meeting the pre-requisites of a course then the registration of the student in that course may be cancelled.
- A student may, however be permitted to take an overload of maximum of six –credits for the purpose of:
 - (i) Enriching her/his knowledge or
 - (ii) To clear backlogs
- A student, for valid reasons may also be allowed to take a reduced load.
- An academically deficient student may be required to take a reduced load as per the provisions/ recommendations of competent Authorities. An academically deficient student is one who has accumulated backlog of courses by either not registering for or by failing in the course in spite of registering in it in previous semester(s). The deficiency may be due to several reasons such as poor grades, not registering for course(s) due to health and /or other reason(s).
- Registration of deficient students is done as per the recommendations of the Student Advisory Committee.

Registration of a Deficient Student

A deficient student is one who either has not taken or has taken but failed in the course(s) of previous semester(s). The deficiency may be due to poor grades, not registering for course(s) and/or for health and / or for other valid reason(s).

- The programme for deficient student must be framed on advice of the concerned faculty.

Adding and Dropping of Courses

- For a course to be offered in a particular semester, a minimum of six students must be registered for that course.
- A student may add course(s) within one week of the beginning of the semester or by the last date specified in the academic calendar of the Institute. For this, she/he is required to fill the appropriate form and get the endorsement of (i) faculty-advisor and/or (ii) the course coordinator of the course to be added and submit the same to the academic section for approval.
- A student may drop course(s) within two weeks of the beginning of the semester or by the last date specified in the academic calendar of the Institute. In normal circumstances, no endorsement is required for course dropping. However, if due to dropping of a particular course, the student strength falls below the requirement of the specified minimum number of students to run the course, then the course drop is permitted only on the endorsement of the course-coordinator.
- A student is supposed to drop a course at any stage if (i) course coordinators recommends as she/he does not meet the requirements of the course, or (ii) there is a clash in the student's time table preventing her/him from attending the course (it is the duty of the student to avoid clash right from the beginning), or (iii) she/he is found not eligible to register for that course for any other reason.

Summer Term Registration

- Summer term courses are offered generally to help deficient students in clearing their backlogs.
- A deficient student would be eligible for registration in the summer term/BTP projects only if she/he has attended a minimum of 75 % classes for the course offered during her/his regular semester.
- Deficient students are required to register during summer term on the advice of the course coordinator.
- No student is normally allowed to register for more than two courses during the summer Term.

- In view of the short duration of the summer term, late registration and adding and dropping of courses are not permitted.

Cancellation of Registration

- Absence for a period of four or more weeks at a stretch or in total during a semester/summer term shall result in an automatic cancellation of the registration of a student from all the courses in that semester/summer term.
- In case the absence is in a particular course then the student is required to drop that course in the given semester.

Grading System and Performance Indices

Conduct of Courses

- Each course is conducted by the course coordinator (in some cases with the assistance of the instructors and / or tutors). The course coordinators is responsible for planning and running the course, conducting the examinations, evaluating the performance of registered students, awarding the grades at the end of semester / summer term and submitting the grades to the academic section.
- The evaluation of students in a course is a continuous process and is based on their performance in end-semester examination, mid-semester examination, quizzes, assignments, tutorials, projects, laboratory work (if any), etc. The course coordinator shall announce the evaluation scheme along with the weightage for various components at the beginning of the course
- The schedule for the mid-semester examination, end-semester examination and make-up examination (if any) is prepared and announced by academic Section.
- *Make-up examination:* Normally request for make-up examination will not be entertained. If a student, for some bonafide reasons such as illness or other exigencies, etc. fails to appear in the end-semester examination in one or more course(s), she/he may make a request on a prescribed form, to the course coordinator for a make-up examination within a week of the date of the scheduled examination. Such a request must be substantiated with relevant documents (e.g. a certificate from the Institute' medical officer mentioning severity of illness or discharge certificate from government hospital). A student will be required to appear for the examination in the next even/odd semester or when that course will be offered. Only one make-up examination, for the end-semester examination, is allowed per course.
- For failures to appear in mid-semester examination, etc. it is up to the discretion of course coordinator to determine the proficiency of the student by any other way.

Regulations in Respect of Use of Unfair Means in Examinations

As soon as a student is suspected by the invigilator or any authorized person of having resorted to unfair means his/her answer book shall be seized. The papers etc. duly signed



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by the invigilator and the academic coordinator found in possession of the student shall be stitched with his/her answer book in his presence. The invigilator shall ask the candidate to make a statement in writing, explaining his/her conduct. In case the candidate refuses to do so, the fact of his/her refusal shall be recorded by the invigilator.

Unfair means could include:

- A student found talking to another student during the examination hours in the examination hall
- To be found in possession of relevant written/photocopy note or any printed material or notes written on any part of his/her body or clothing or instruments or having notes written on chair, table, desk or drawing board during the examination.
- Carrying and use of such as mobile phones, electronic diary and programmable calculator.
- Displaying or trying to display answer script to other candidates.
- Asking for or sharing calculator or stationery items.
- Student found consulting notes or books while outside the examination hall (i.e. in washroom etc.) during examination hours. Student using force/threat against the supervisory staff/other students

The disciplinary committee shall enquire into the cases of attempt at unfair means in the test/examination. A student whose offence is established shall be dealt with under the provisions of the disciplinary regulations. The action could include suspension, rustication/expulsion from the institute.

Grades and Grade Points

The minimum credit requirements for five year Integrated Post Graduate programme is of the order of 230-240 credits.

Award of Grades

The grade awarded to a student in a course, other than laboratory course, for which he/she is registered, will be based on his/her performance in quizzes, tutorials, laboratory work, workshop and industry and home assignments, as applicable; in addition to a minimum of two minor tests and one major test. The distribution of weightage is to be decided and announced by the course coordinator. For laboratory courses, the course coordinator will evolve a method of evaluation and announce it in the first laboratory class.



The grades that can be awarded, and their equivalent numerical points, are listed below:

Grade	Grade Points	Description of Performance
A	10	Outstanding
A(-)	9	Excellent
B	8	Very Good
B(-)	7	Good
C	6	Above Average
C(-)	5	Average
D	4	Below Average
E	2	Poor
F	0	Very Poor
I	-	Incomplete
NP	-	Audit Pass
NF	-	Audit Fail

The Semester Grade Point Average (SGPA) is calculated as follows:

$$\text{SGPA} = \frac{\Sigma (\text{Number of Credit} \times \text{Grade Points})}{\Sigma (\text{Number of Credits})}$$

For the purpose of calculation of SGPA or CGPA, only those courses (including minors and majors projects) will be taken into account in which the student has been awarded one of A, A(-) B, B(-) C, C(-), D, E or F grade.

Earned Credits (EC)

The credits for the courses in which a student has obtained 'D' (minimum passing grade for a course) or a higher grade will be counted as credits earned by him/her. Any course in which a student has obtained E, F, I or NP grade will not be counted towards his/her earned credits.

In addition to the credit courses, specified number of courses shall be compulsory audit courses. In order to clear compulsory audit courses a student must get an 'NP' grade to clear them. It is essential that a student pass the compulsory audit course. In the event of his/her failure to do so he/she shall be not declared pass even though he/she has cleared the credit courses.

I Grade

An 'I' grade denotes incomplete performance in any course. Upon completion of all course requirements, the 'I' grade is converted to a regular grade (A to F, NP or NF) subject to having fulfilled attendance.

NP and NF Grades

These grades are awarded in courses, which the students opt to audit. For non-compulsory audit courses, applications are allowed during the first four weeks of a semester. The audit pass (NP) grade is obtained in the course based on the criteria as specified by the concerned course coordinator.

- Students registered in various courses are awarded letter grades by the concerned course-coordinator at the end of the semester/summer term on the basis of student's performance in various components of evaluation such as examinations, quizzes, assignments, guidelines set by him/her at the beginning of the semester, laboratory work (if any) and the attendance in classes.
- If a student does not complete all the requirements of a credit course due to legitimate reasons, the course coordinator may award an I grade (incomplete). However, the coordinator is required to convert an I grade to the proper letter grade on or before the last date for such a conversion, as specified in the academic calendar, failing which I grade is automatically converted to an F grade.
- A student who has completed all her/his courses but does not possess a CGPA of 5.0 will be asked to add/repeat/substitute a few courses by the course coordinator/academic committee.

Auditing of Courses

- The Institute encourages students towards supplementary learning by auditing for additional courses. The permission to audit a course has to be taken from the concerned course coordinators. However, the auditing of course(s) is permitted only after a student has satisfactorily completed minimum credit of the course work.
- Auditing of a course is permitted only up to the last date for adding of courses, as given in the Institute's academic calendar. Dropping of an audit course, however, can be done at any time of the semester by filling a formal application for the same.
- The grades obtained in the courses registered as audit course shall not be counted for the calculation of the Semester Grade Point Average (SGPA) or the Cumulative Grade Point Average (CGPA).

Performance Indices

- The Semester Grade Point Average (SGPA) of a student is an indicator of her/his overall academic performance in all the courses she/he registers for during the semester.

- The Cumulative Grade Point Average (CGPA) indicates the cumulative academic performance of a student in all the courses taken including those taken in the previous semesters. It is computed in the same manner as SGPA.
- Whenever, a student is permitted to repeat or substitute a course, the new letter grade replaces the old letter grade in the computation of SGPA/CGPA, but old grades appear in her/his Grade Report.
- A copy of the Grade Report is issued to each student at the end of the semester. A duplicate copy, if required, can be obtained on payment of the prescribed fee.
- The grades of a student may be withheld if she/he has not paid her/his dues, or if there is a case of indiscipline pending against her/him, or for any other reason.

Inadequate Academic Performance

Academic Deficiency

- The academic performance of each undergraduate student is reviewed by the competent authority at the end of a regular semester (not summer semester) and is considered inadequate if her/his SGPA ≤ 4.5 or CGPA ≤ 5.0 . Such a student is termed academically deficient. Depending on the degree of inadequacy, a deficient student may be placed on warning or academic probation, or his/her academic programme may be terminated.

Reduced Academic Load

- A student placed on warning or academic probation shall be permitted a reduced load up to a maximum of two courses, as per the recommendations of the Senate or Director/Faculty Incharge. However, the courses for which she/he registers will be decided by the faculty advisor. Efforts shall be made to keep her/his parents/guardian informed of her/his progress.

Leave

Applications for leave of absence should be addressed to the programme coordinator and submitted to the academic section with a medical certificate, if applicable. Leave usually must not be availed without prior approval of the programme coordinator. In addition, if a student is going out of campus on leave, she/he must inform the Hostel authorities in writing. Failing this the hostel/Institute authorities may initiate an action as deemed appropriate by them.

Mid-semester Recess and Vacation

- IPG students are entitled to avail the mid-semester recess and vacations as specified from time to time by the academic section.



Short Leave

- Leave of absence during the semester shall be discouraged for all registered students. However, for bonafid  reasons, a student may be granted leave of absence during the semester as under:
Maximum of 15 days – on medical ground;
Maximum of 7 days – for any valid reason.
- Permission to grant leave on medical grounds exceeding 15 days in a semester is at the sole discretion of the competent authorities of the Institute.

Maternity leave

- A female student of the Institute will be provided maternity leave as per Government of India (GoI) norms. If maternity leave (granted before the date of registration) extends beyond the date of late registration and expires before the end of seven weeks from the specified date of registration in a given semester the student will be allowed to register only for thesis units. The number of units that a student will be allowed to register will be worked out on a prorata basis

Temporary Withdrawal / Semester Leave

- A student is not normally allowed to withdraw from the academic programme temporarily and is expected to complete her/his studies without any break.
- However, for bonafid  reasons and/or in exceptional circumstances, a student may be allowed to withdraw temporarily on leave of absence at the discretion of competent authority for an extended period. Such leave of absence(s) shall ordinarily not exceed two semesters with or without break during the entire period of the academic programme.
- A student who remains on authorized leave of absence due to ill health is required to submit a certificate from a registered medical practitioner (verified by Institute’s medical officer) to the effect that she/he is sufficiently cured and is fit to resume her/his studies. The student will be allowed to register only when the course coordinator / director is fully satisfied of her/his state of health.

Disciplinary Action

Disciplinary action will be taken against the students who are found to indulge in any of the following activities:

- Indiscipline and dishonesty in academic matters.
- Computer center and other laboratories of the Institute have formulated rules and regulations for their users. Such rules may also be amended from time to time. Violation of such rules and regulations shall be considered as an act of indiscipline.

- Library of the Institute has formulated rules and regulations for its users. Such rules may also be amended from time to time. Violation of such rules and regulations shall be considered as an act of indiscipline.

Indiscipline and Dishonesty in Non-Academic Matters

Ragging

- Any action which causes fear or any other apprehension thereof in a fresher or a junior student.
- Asking a fresher or a junior student to do any act or perform something which she/he will not do in the ordinary course and which has the effect of causing or generating a sense of shame or embarrassment so as to adversely affect her/his physique or psyche shall be considered by the Institute as acts of ragging and therefore treated as an act of gross indiscipline by the institute. If the individuals directly committing ragging are not clearly identified by the available prima-facie evidence, collective punishment could be resorted.

Objectionable Behavior with other Members of the Campus Community

- Harassment of a student or the Institute staff on the basis of caste, sex, religion, etc.
- A disorderly conduct whether by words spoken or written or by an act with the effect of teasing, treating or handling with rudeness any other campus resident,
- Indulging in rowdy activities which causes or is likely to cause annoyance, hardship or psychological harm to campus resident,
- Threatening with the intent to place the persons in reasonable fear for his/her safety or for the safety of his/her family shall be considered as acts of gross indiscipline by the institute.

Unlawful Conduct in the Campus

- Forgery, alteration, or misuse of any Institute document, record, key, electronic device etc.
- Theft of, conversion of, destruction of, or damage to any property of the Institute.
- Providing false information in deliberate, systematic and planned manner with the purpose of misleading Institute authorities and personnel shall be considered as acts of indiscipline by the institute

Unauthorized Conduct in Hostels

- Disrespecting the circulars of wardens and other Institute authorities regarding hostel regulations.
- Disrespecting rights, privileges, and sensibilities of other hostellers.
- Inducement of other students including self-consumption of alcohol and other drugs in the hostel.
- Organizing unlawful activities and meetings.
- Screening of unlawful films.
- Keeping unauthorized guests in the rooms and

- Damaging hostel property shall be considered serious offences by the institute.

Indiscipline in Various Activities/Events and other Organizational Matters:

- Disrespect to student bodies such as students senate, coordination committees, etc.
- Misconduct in various clubs and general events,
- Misbehavior with participants coming from other colleges in events organized by the Institute or its clubs,
- Damage of equipments and facilities provided for students' welfare shall be considered as serious offences.

Participation in Events that Cause Disturbance of Peace in the Campus

- Holding of unlawful demonstrations or assembly of students, without trying to settle down issues through discussions in meetings and
- Taking out procession shall be considered as acts of gross indiscipline.

Restitution

In order to compensate partly or fully for the damages, loss of properties belonging to the Institute or the hostel, a student may be advised to pay a charge towards restitution. In such a case, the committee shall also fix a time limit within which the amount is to be paid by the defaulting student(s).

- Debarring from the students placement cell of the Institute. The placement coordinator may advise the non-registration of a defaulting student from the student's placement cell of the Institute. In such a case, the student shall not be eligible for applying for her/his placement in companies organized by the Institute

Suspension from the Programme

The institute may advise the suspension of student status of a defaulter for the specified period of time. The specified period of time shall be the remaining duration of the semester in which the advice is given and may include subsequent semester(s).

The student(s) put on suspension shall be required to vacate the hostel within the specified time limit. She/he shall also be debarred from using Institute facilities such as the library, computer center, laboratories, etc during the period of her/his suspension.

The fee paid by the student for the semester in which student status for her/him has been suspended shall not be refunded/ adjusted with the fee to be paid in the next semester in which she/he will be required to register.

Withholding of Degree

The Institute may also advise for withholding of the degree of a defaulting student for a specified period of time. No provisional certificate, stating that all academic requirements of the programme have been completed by the student, shall be issued to the concerned student(s) during such a period.



Expulsion

The institute may advise the permanent termination of student status from the Institute.

Degree

- A student is deemed to have completed the requirements for graduation if she/he has
 - i) met the residence and academic requirements,
 - ii) satisfied additional requirements, if any,
 - iii) paid all dues to the Institute and the halls of residence, and
 - iv) no case of indiscipline is pending against her/him.
- A student who completes all the graduation requirements specified in Section 8.1 is recommended by the senate to the board of governors (BOG) for the award of the appropriate degree in the ensuing convocation. The degree can be awarded only after the BOG accords its approval.
- Under extremely exceptional circumstances, where gross violation of the graduation requirements is detected at a later stage, the senate may recommend to the BoG withdrawal of a degree already awarded.

Amendments

Notwithstanding anything contained in this manual, ABV-IIITM Gwalior reserves the right to modify/amend without notice, the curricula, procedures, requirements, and rules pertaining to its programmes. Provisions of this manual may be amended, changed, added at any time by the senate.

Any case not covered by the rules should be decided by the competent authorities of the Institute.

Infrastructure

• **Laboratories**

Various laboratories have been developed in the Institute. These labs are hubs of innovation and creativity. The Institute has more than four hundred Pentium based computers systems from different manufacturers such as Compaq, HP, HCL, Silicon Graphics etc. Various applications packages have been installed on these systems. In additions to these various laboratories have also been developed which cater the needs of physical sciences.

Lab No.	Name of the Laboratory	Room No.	Tel. No. 2449 ...	Faculty Incharge	Email Faculty I/c @iiitm.ac.in	Primary Focus
L-1	e-Business Lab	A-203	731	Dr. Deepali Singh	drdeepali	Research
L-2	Data Communication	C-003	722	Dr. Aditya Trivedi	atrivedi	Teaching
L-3	Secured Computing	C-006	718	Dr. S.Tapaswi	stapaswi	Research
L-4	Communication Skills	C-009	739	Dr. Deepali Singh	drdeepali	Teaching





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L-5	VLSI Design	C-103	711	Dr. Manisha Pattanaik	manishapattanaik	Research & Teaching
L-6	Communication Systems Lab	C-115	717	Dr. Aditya Trivedi	atrivedi	Research & Teaching
L-7	Hardware Lab	C-203	811	Dr. Anupam Shukla	anupamshukla	Teaching
L-8	Digital Logic Design	C-213	822	Dr. Ritu Tiwari	ritutiwari	Teaching
L-9	Visual Information Processing Research	D-115	828	Dr. M. Bhattacharya	mb	Research
L-10	Advanced Networking / Evolutionary Computation and Data Mining Lab	D-203	746	Dr. P.K. Singh	pksingh	Research & Teaching
L-11	Electrical and Electronics (Basic)	E-002	727	Dr. Anurag Shrivastava	anurags	Teaching
L-12	Engineering Physics Lab	E-003	723	Dr. Pankaj Shrivastava	pankajs	Teaching
L-13	Mathematical Modeling and Simulation	E-103	829	Dr. J.Dhar	jdhar	Research & Teaching
L-14	Computational Nano Science and Technology	E-112	734	Dr. Pankaj Shrivastava and Dr. Anurag Shrivastava	pankajs anurags	Research
L-15	Sponsored Project Lab	E-203	811	Dr. Anupam Shukla	anupamshukla	Research
L-16	Soft Computing & Expert System Lab	E-211	811	Dr. Anupam Shukla	anupamshukla	Research & Teaching





विश्वजीवनामनं शान्दम्

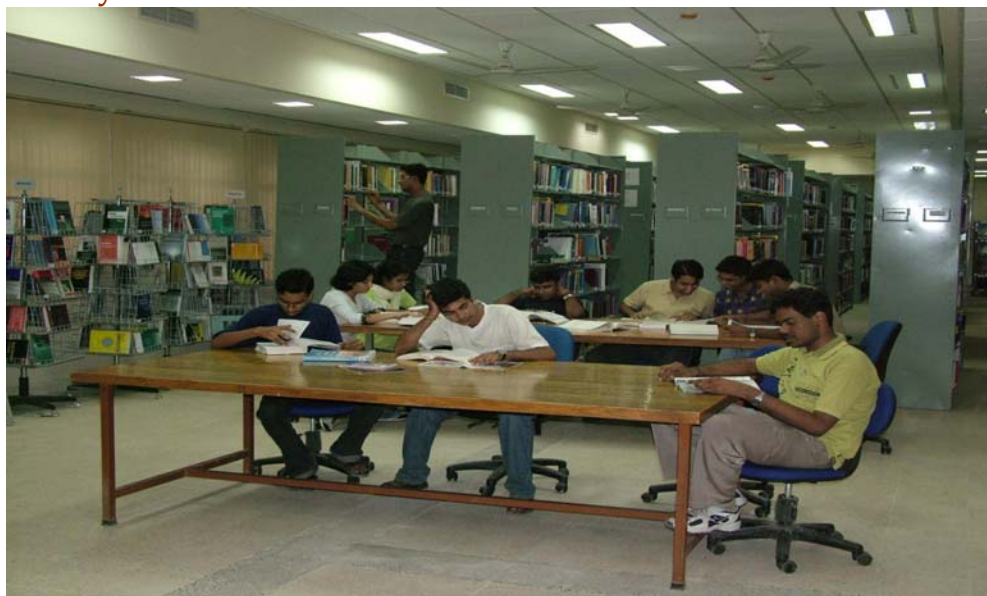
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- **Lecture Theaters**

All the lecture theaters and seminar halls are centrally air conditioned and equipped with LCD projectors, PCs with internet connection and state-of-the-art audio visual systems.



- **Library**



The Institute library is a learning resource centre. The Institute library has a rich collection of books and journals. The Ministry of Human Resource Development (MHRD) has set up the “Indian National Digital Library in Engineering Sciences and Technology” (INDEST) consortium. The Institute subscribes to this consortium which provides student a wide repository of knowledge through journals and industrial database like IEEE, EBSCO, CME, ABI/Inform complete, ACM Digital Library, IEL On line, J Gate Engineering and Technology, Pro Quest Science Journals and Springer Verlag’s links. The Institute library is well stocked with the texts and references in the area of Management, IT, Computer Science, Networking, Social Science





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along with industry related research paper and project reports. The library has a rich collection of 15,000 references and textbooks on a wide range of topics. The library also subscribes to 200 journals, periodicals and magazines in the area of IT and Management.

a. Books	: - 20090
b. Print Journals	: - 59 (National & International)
c. Number of M.Tech & MBA Theses	: - 630 approx
d. Online Resources	: - 18
e. Video Cassettes	: - 164
f. CDs :- Text Book CD's = (961), Lecture CD's & DVD's (937):-	1898
g. Annual Reports	: - 200
h. Magazines	: - 12

Databases available in the Library

a. ABI / Inform Compete	: http://proquest.umi.com
b. ACM Digital Library	: http://portal.acm.org/portal.cfm
c. IEL Online	: http://ieeexplore.ieee.org
d. Springer Verlag link	: http://www.springerlink.com
e. Science Direct	: http://sciencedirect.com
f. MathSciNet	: http://www.ams.org/mathscinet
g. LNCS [Lecture Notes in Computer Science]	: http://www.springerlink.com
h. Emerald Insight (125)	: http://www.emeraldinsight.com
i. European Transaction on –Telecommunication	: http://www3.interscience.wiley.com/journal/104087069/home
j. EBSCO's Business Source Premier	: http://search.epnet.com
k. India stat India Pvt. Ltd.	: http://indiastat.com
l. ICFAI online Journals	: http://www.iupindia.org
User Login: User Name: 137673	Password : k8n3xt
m. CMIE 6 Product Accessible:-	(i) Prowess (ii) IAS (Industry Analysis Service) (iii) EIS (Economic Intelligence Service) (vi) IES (International Economic Statistic) (iv) India Trade (v) Business Beacon

Indicative List of Software

- MATLAB Ver 7.0
- Primavera P6
- QUALNET 4.5
- SAS Basic Academic Analysis Suit
- EDA Simulation Tools
- Cadence VLSI Design Software





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- g. RHEL Standard Enterprise 4.0
- h. Mathematica 6.0
- i. Material Studio
- j. ATK-VIRTUAL NANO LAB Software

• Computational Resources

The institute provides a wide range of computational facilities. Institute computational resources involve a wide range of personal computers and proprietary application softwares. The Institute computer network provides a wide range of services from electronic mail to electronic interchange of documents.

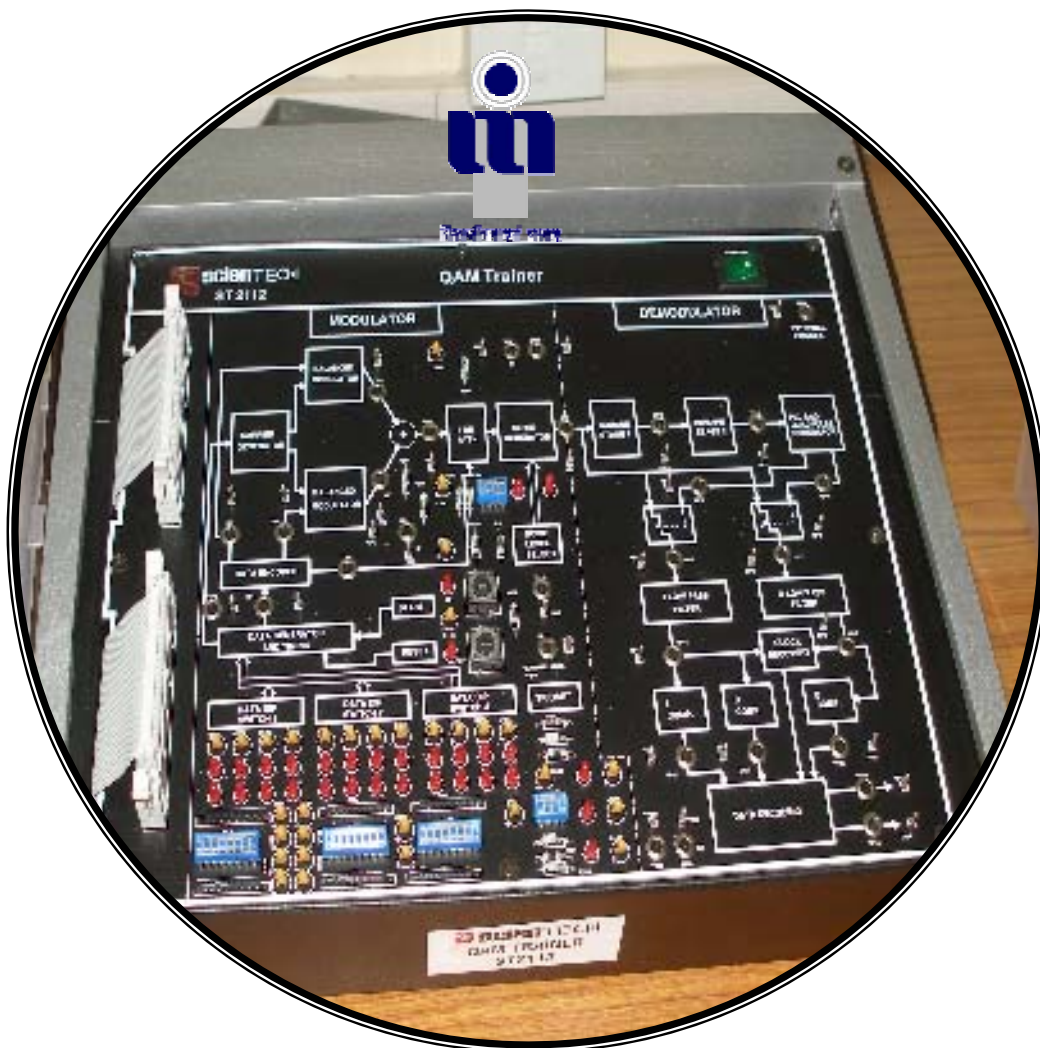
<i>Items</i>	<i>Description</i>
<i>Hardware</i>	
Computers	450
Servers	7 (Compaq:5, IBM:2, HP:1)
Printers	30
<i>Network</i>	
Network Speed	1000 Mbps
	8 Mbps (1:4) with leased line from BSNL





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Research



Focused areas of research

- Image Processing
- Biomedical image analysis
- Biometrics
- Wireless Ad Hoc Networks
- VLSI Design
- Grid computing
- Information Security
- Material Modeling and Device Modeling
- Customer Relationship Management
- IT Enabled Marketing
- Supply Chain Management
- E-Business
- Software Project management
- Soft computing
- Modeling & Simulation in Environmental and Engineering Systems
- Nanotechnology
- Quantum computing & Information
- Data Mining
- Evolutionary Computational Algorithms
- Multi-objective Optimization



List of Ph.Ds Awarded

S.No.	Name of Ph.D Scholar	Topic
1	Mr. A K Sharma	Design of a Parallel Crawler Based on Augmented Hypertext Documents
2	Mr Rajendra Kumar Gupta	Development of algorithm for New Association Rule Mining Systems
3	Mr.Ashwani Kumar	Intelligent Decision Support System for Business Forecasting
4	Ms. Aayushi Gupta	New Framework and Models for the Pre Planning Phase of Project Management
5	Mr.Saji K Mathew	IT Enabled Performance of PID Loops in Process Control
6	Ms. Shweta Sharma	Building Trust based Relationship with Electronic Customers
7	Mr. Mahim Sagar	Developing an Integrated Framework of Unique Ethical Brand Positioning and its Adaptation in Cross Cultural Environment
8	Mr. D K Agarwal	Strategic Demand Chain Management for Physical Products in Emerging Business Environment
9	Mr. Sajal Kabiraj	Customer Relationship Management Practices in Indian Retail Banking: Strategic Implications
10	Mr Rajesh K Jain	Creation of Intellectual capital
11	Mr Nirved Kumar Pandey	Design and Development a New Distributed Computing Tool for

		Semantic Query Optimization
12	Mr Avdesh K Singh	Expert System Based Decision Support System for e- Governance: An Application to Indian Customs
13	Mr S Prabhakaran	Genomic Signal Processing Using Discrete Wavelet Power Spectrum
14	Ms Seema Pandey	Soft Computing Approach for Congestion Management in Restructured Power System Scenario
15	Mr Sujit Saha	Strategic Performance Measurement Model for IT Management: A Case of Indian IT and ITES industry
16	Mr. Sujoy Bhattacharya	Investigations into customer Perceived Value for Banking & Insurance Services
17	Mr Ratan Kumer Singh	The Impact of TQM implementation on Business Excellence in Indian Industries
18	Mr. A K Saxena	Rate Optimal Motion Estimation and Compensation in Transform Domain.
19	Mr. S S Bedi	Design of Secure Digital Watermarking Schemes for Images
20	Mr. Azad Srivastava	Profit Based Association Rule Mining for Market Basket Analysis
21	Mr. Sandeep Srivastava	Integrative Customer Driven New Product Development Process

• **Indicative List of Journals where faculty have published**

- Pattern Recognition Letters (Elsevier)
- Journal Nonlinear analysis: Real world applications (Elsevier)
- Applied Mathematical Modeling (Elsevier)
- Bioorganic & Medicinal Chemistry Letters (Elsevier)
- Journal of Electronics and Computer Science (USA)
- Journal of Computational and Theoretical Nanoscience (USA)
- Lecture Notes in Computer Science (Springer Verlag)
- International Journal on Wireless Personal Communications (Springer-Verlag)
- International Journal of Data Mining and Knowledge Discovery (Springer-Verlag)
- International Journal of Systems & Cybernetics, (MCB publications UK)
- International Journal of Industrial and Systems Engineering (Inderscience, UK)
- International Journal of Technology Management (Inderscience, UK)
- Journal of Interconnection Networks (World Scientific)
- International Journal of Computers and Applications (ACTA Press Canada)
- Internal Journal of Information Management & Computer Society, Emerald
- International Journal of Electronic Customer Relationship Management (InderscienceUK)
- International Journal of Business and Globalisation (Inderscience, UK)
- Journal of American Academy of Business, Cambridge
- Indian Journal of Pure Applied Physics
- IETE Technical Review
- IETE Journal of Research
- J of Biomedical Science and Engineering , Scientific Research Publishing, Inc, USA
- International J of Medical Engineering & Informatics, Inderscience, USA
- Intl. J of Bioinformatics Research & Applications, Inderscience, USA.
- Applied Soft Computing (Elsevier)
- Neural Computing and Application



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• **Sponsored Research Projects**

Year	Sn	Name of Project	Project Investigator	Funding Agency
2001	1	Resource Management for Mobile Computing Environment	Prof. DP Agrawal	MHRD
	2	Emerging Trend in CRM- An Indian Reality	Dr. Deepali Singh	MHRD
	3	IT Enabled Financial Services	Dr. R. Sahu	MHRD
2003	4	Development of Concept Curriculum and New Pedagogic Approaches for Integration of IT with Marketing Discipline	Dr. Deepali Singh	MHRD
	5	Designing Simplified low cost CRM Model for Service Management	Dr. Deepali Singh/ Dr. R Sahu	MHRD
	6	Development of Concept, Curriculum and Learning Material for IT Enabled Services Management	Dr. Deepali Singh	MHRD
	7	Computer telephony Integration	Dr. S. Verma	MHRD
2004	8	Digital watermarking of Videos	Dr. S. Verma / Dr. M Bhattacharya	MHRD
2005	9	Development of Concept Curriculum and New Pedagogic approaches for Intellectual Property rights as a Management Discipline	Prof. KK Bhattacharya	MHRD
	10	Customer Management Dimensions in Emerging IT Environment	Dr. Deepali Singh/ Dr. R Sahu	MHRD
	11	Data Mining for Financial Services	Dr. Deepali Singh & Dr. R. Sahu	MHRD
2006	12	Information Security Education and Awareness project	Dr. S Tapaswi	MHRD
2008	13	Modeling & Simulation of Wide Band Gap (WBG) Quantum Phenomena in Semiconductor Structures of Nano Dimensions	Dr. Pankaj Srivastava and Dr. Anurag Srivastava	ABV-IIITM
	14	Design & Simulation of CMOS Technology Based Nanoscale Circuit Architectures for Low Power High Speed Multimedia Products	Dr. Manisha Pattanaik	ABV-IIITM
	15	Artificial Intelligence Based/Expert System for Production of Results from the Exposure to Toxicants of Chemical & Biological warfare Agents- Neuromatic/ Bioinformatics Data.	Dr. Anupam Shukla	DRDE
	16	Exploring Entrepreneurship opportunities in IT in Gwalior and Nearby Places	Dr. Manoj Patwardhan Dr. S. Rangnekar	ABV-IIITM
	17	Development & Testing of mobile video full-duplexing decoder and renderer system for	Dr. Anupam Shukla	DIT



		H263/H263+/H264 encoded video data: MobiFDR		
	18	Training Programme for Professionals	Dr. Anupam Shukla	DIT
2009	19	E-Suvidha solution for Public Services	Dr. J. Dhar Dr. A. Shrivastava	ABV-IIITM
	20	Investigation of Pressure Induced Structural Phase Transition, Elastic and Thermo Physical Properties of Refractory Compounds.	Dr. A. Shrivastava	DRDO
2010	21	E-content Development of Real Life Applications in Soft Computing and Virtual Laboratory	Dr. Anupam Shukla	MHRD
	22	Cross-Layer Optimization of Wireless Mesh Networks using Advanced Physical Layer Technologies	Dr. A Trivedi	ABV-IIITM

• Seminars, Workshops Conferences and Short Term Courses

S.N.	Title	Dates	Coordinator	No. of Participants
1.	IT Enabled Marketing	17-19 Aug' 00	Dr. Deepali Singh	32
2.	IT Based Managerial Decision Making	28-30 Aug' 00	Prof. SBL Garg	26
3.	Management of Knowledge Workers	21-23 Sept' 00	Dr. S. Rangnekar	20
4.	Customer Relationship Management	5-7 Jan' 01	Dr. Deepali Singh	46
5.	Management Update	21-23 Jun' 01	Prof. KK Bhattacharya	40
6.	Advanced Networks	21-23 Nov' 01	Dr. R. Sahu	20
7.	Quality Management of Competitive Bench Marking Issues	21-23 Nov' 01	Prof. KK Bhattacharya	28
8.	Intellectual Property Rights & Industrial Issues	19-20 Feb' 02	Prof. KK Bhattacharya, Dr. Deepali Singh	156
9.	Knowledge Management	10-12 Oct' 02	Prof. DP Agrawal	110
10.	Management Update	June 2003	Prof. KK Bhattacharya	40
11.	Training Programme for BSF officers (Senior Command and DIG) as per the calendar of BSF Academy on a regular basis		Dr. Deepali Singh	
12.	IT for you	21 May 2000	Dr. Deepali Singh	220
13.	Corporate IT Strategy	29-30 Jan. 2001	Prof. KK Bhattacharya, Dr. Deepali Singh	135
14.	Rehabilitation Council of India	22-23 Dec, 2001	Prof. DP Agrawal, Dr. S. Rangnekar	45
15.	Knowledge Management	23-25 April, 2001	Prof. DP Agrawal	84
16.	Flexible System Management- Glogift-	24-27 March,	Prof. KK Bhattacharya,	230



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	2002	2002	Dr. Deepali Singh, Dr. R. Sahu	
17.	Intellectual Property Rights-Industry Issues	11-13 July, 2002	Prof. KK Bhattacharya	56
18.	Quantum Computing	5-7 Oct. 2002	Prof. Y M Gupta	62
19.	ISTE State level Convention	14-15 Dec. 2002	Prof. D P Agrawal	67
20.	National Conference on IPR	April 2004	Prof. KK Bhattacharya, Dr. D. Singh, Dr. S. Verma	120
21.	e-Governance sponsored by Intel	Feb. 2005	Prof. GK Sharma	50
22.	Strategic Management Conference	2006	Dr. R. Sahu, Dr. D. Singh	40
23.	IBM Open Source Conference	2006	Dr. R. Sahu	48
24.	e-Governance Summit	2006	Dr. R. Sahu	58
25.	Value Education through Jeevan Vidya	Oct. 2007	Dr. Deepali Singh	134
26.	Training programme for Railway Officials	11-18 May 2008	Dr J Dhar & Dr N Bajpai	20
27.	Data Mining & Business Intelligence	7-18 July 2008	Dr R Sahu	33
28.	e-Business	21-25 July 2008	Dr Deepali Singh	63
29.	Computer Graphics, Vision and Multimedia	4-8 Aug 2008	Dr Mahua Bhattacharyya	22
30.	Awareness workshop on Information Security	6 Sept 2008	Dr S Tapaswi	34
31.	Curriculum Design workshop on Humanities & Social Sciences	12-14 Sep 2008	Prof S Bhandari Dr Deepali Singh Dr Anupam Shukla	18
32.	Training for Professionals	15 Sep 2008	Dr Anupam Shukla	48
33.	K-Sharing Networking & Business Competitiveness	5 Oct 2008	Dr S Rangnekar	26
34.	Mobile and sensor network	13-17 Oct 2008	Dr S Tapaswi Dr Pankaj Srivastav Dr Manisha Pattanaik	29
35.	Free/Open Source Software	14-15 Nov 2008	Dr Anurag Srivastav	65
36.	Multi-objective Optimization using Evolutionary Algorithms	1-5 Dec 2008	Dr P K Singh	27
37.	Wireless Networks	8-12 Dec 2008	Dr Aditya Trivedi	53
38.	Low Power Systems-on-Chip (SOC) - VDTT	15-22 Dec 2008	Dr Manisha Pattanaik	27
39.	Curriculum design for MBA	3 Jan 2009	Dr S Rangnekar	20
40.	National conference on Mathematical Modeling & Simulation	9-11 Jan 2009	Dr J Dhar	96
41.	Entrepreneurship Workshop	10 Jan 2009	Dr Manoj Patwardhan & Dr Rangnekar	80
42.	National Symposium on Current	15-16 Jan 2009	Dr Anurag and Dr	40





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	Trends in Nano sciences and Nanotechnology		Pankaj Srivastava	
43.	Workshop on Personality Development	23-24 Jan 2009	Dr S Rangnekar	25
44.	National summit on HRM	24-25 Jan 2009	Dr S Rangnekar & Dr Manoj Patwardhan	82
45.	Workshop on Stress Management	4 Feb 2009	Dr D Kumar	20
46.	Workshop on IPR	14-15 Mar 2009	Dr Deepali Singh	102
47.	Entrepreneurs brainstorming session	18 Mar 2009	Dr Manoj Patwardhan	20
48.	Training for Professionals	1 Aug 2009	Dr Anupam Shukla	55
49.	Software Engineering and Management`	10-14 Aug 2009	Dr P Acharya & Dr Anurag Srivastava	27
50.	Training Programme on Soft skills for Development	24-25 Aug 2009	Mr Sharu Rangnekar	20
51.	Advanced Digital Image Processing Techniques	2-6 Sept 2009	Dr K V Arya	42
52.	Data Mining Tool Box in SPSS 17.0	18 Sept, 2009	Dr. J Dhar	35
53.	ACM Asia Region Gwalior-Kanpur Site contest	3-4 Oct'09	Dr. J Dhar	168
54.	Entrepreneurs Opportunities in IT in Gwalior: Issues & Challenges	8 Oct'09	Dr S Rangnekar & Dr Manoj Patwardhan	15
55.	Workshop on " E-Governance: Issues, Challenges and Opportunities"	21st Nov'09	Dr. Gyan Prakash	35
56.	Certificate in Banking Technology	10th Dec'09	Dr. Gaurav Agrawal	31
57.	Workshop on Community Radio	11-12 Dec'09	Dr Anurag Srivastava	110
58.	Conference on Frontiers of Research in Speech and Music (FRSM)	15-16 Dec'09	Dr. Anupam Shukla	40
59.	Workshop on Security Risks in Internet	18-19 Dec'09	Dr S Tapaswi	69
60.	Workshop on Network Security	Feb 12-13, 2010	Dr. P K Singh	35
61.	Credit Risk Modeling, Governance, and Regulatory Reporting	Feb 18-20, 2010	Dr. P K Singh	07





विश्वजीवनमृतम आनन्द

Alliance & Networking

• International Collaborations

The Institute has developed Institutional linkages with academic as well as industrial organizations.

<i>Academic Institutes</i>	
Michigan State University, USA	Information Integration, Risk Management
Ecole Centrale Paris, France	Information Security, Grid Computing, Semantic Web
SAMOVAR, Paris, France	Architecture, Modeling, Semantic Web
Nagaoka University of Technology, Japan	Language Technology, Technology Management
Florida International University	Computer Science and Technology
<i>Industrial Organizations</i>	
Sun Microsystems	Educational Services
Hewlett Packard	Educational Services

• Permanent Institutional Membership

- Indian Society for Training & Development (ISTD), New Delhi
- All India Management Association (AIMA)
- National HRD Network (NHRDN), Agra Chapter
- Association of Indian Management Scholars (AIMS)
- Institution of Communication Engineers and Information Technologists (ICEIT)
- Association of Indian Universities (AIU)

• Collaboration of faculty members with other Institutes

1. I.I. Sc., Bangalore
2. I.I.T. Delhi
3. I.I.T. Kharagpur
4. I.I.I.T. Delhi
5. I.I.M Shilong
6. I.I.M Indore
7. HCL
8. HP
9. ICTP, Italy
10. Uppsala University, Sweden
11. NBRC (National Brain Research Centre), Gurgaon.
12. VECC (BARC), Salt Lake, Kolkata





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- **Training for Professionals Programme**

In association with Department of Information Technology, Government of India, the Institute has started 12-week Training for Professionals (TFP) programme. The programme aims to enhance and bridge the gaps in skill sets of undergraduate engineering professionals.

- **Industry/Institute interface**

The Institute promotes active collaboration with the industry. The students are required to undertake industry oriented projects during advanced stage of the programme. This provides exposure to real life industrial problems in the working environments of organizations and demonstrates various aspects of testing, quality and commissioning etc.

- **Technology Innovation and Incubation Centre**

Technology Innovation and Incubation Centre (TIIC) is an important unit of the Institute and is dedicated towards IT enabled product development and services. The idea behind the TIIC is to inculcate entrepreneurship among the students, and providing them a platform to work independently or work in partnership mode.





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ABV- Indian Institute of Information Technology Management
Gwalior

Student life @ Campus



Atal Bihari Vajpayee-

Indian Institute of Information Technology and Management Gwalior

Students Life at Campus

The essence of student life and activities on the campus is to provide an invigorating and creative environment which promotes independent thinking and introspection. The young students thus become aware of their latent talents. Excellent facilities for sports, games, recreation, shopping etc. are available to resident students. These are complimented by special interest groups and other clubs managed by students themselves. Single occupancy hostel accommodation is available for all students. Hostels are self contained with amenities such as reading rooms, indoor games, table tennis, badminton, internet connection, a lounge and a dining hall with messing arrangements.

Opportunities are provided for students to participate in recreational and creative activities. Students interested in activities like music, drama, in-door games etc. can join the relevant club available in the institute. Facilities are also available for out-door games like cricket, football and volleyball.

A number of inter and intra college fests are organized to encourage interaction amongst students. Various cultural and sports events are organized on an annual basis, thus giving an opportunity to put up the theoretical concept into practice.





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IIITM encourages the students to develop all facets of their personalities. Being a residential college, students spend a major share of their time, being with other co-students, and in the process develop the spirit of teamwork. Apart from academics, students participate extensively in cultural and sports activities. A variety of clubs cater to different interest and keep the students busy throughout.



- **Hostels Accommodation**

ABV-IIITM Gwalior is a residential Institute and requires that all the students stay in the campus throughout their tenure. A single bed hostel accommodation is provided to all the students. Presently Institute have three hostels for boys and one for girls and these hostels are equipped with all the basic amenities like mess, computer network, reading room, games etc. Telephone facility is also available in all the hostels. A well equipped gymnasium is also available in the hostel.



- **Cultural Activities**

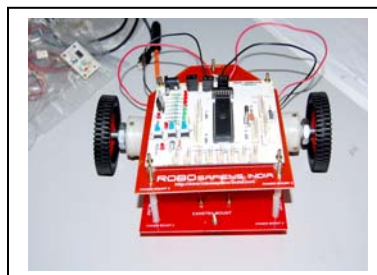
A number of festivals (inter and intra college) are organized by students to encourage interaction amongst students.

Aurora: The annual Cultural Festival of IIITM celebrates the spirit of team work and excellence and provides a platform to showcase the students' talents. The festival attracts the participation from many reputed institutions in the country.



Infotsav: The annual technology and management festival of the Institute. This is sponsored various industrial houses and attracts participation from various national level Institutes.

Abhigyan: The national level paper presentation contest held by the IETE (Institute of Electrical and Telecommunication Engineers) student's forum. This event witness participations from various engineering and management institutes across India.



- **Participation in Activities**

Students of the Institute very actively participate in competitions organized at national as well as international levels and have earned laurels for the Institute.

- **Sports -Indoor & Outdoor Games**

Various indoor as well as outdoor sports facilities are available at the campus. These include facilities for sports such as: Cricket, Football, Volleyball, Table-tennis, Lawn Tennis, Badminton etc.



- **Students' Societies**

Forum for Free Open Source Software

The Institute strongly advocates and promotes the use and development of Free Open Source Software (FOSS) based products. In association with National Resource Centre for FOSS (NRC-FOSS) and Sun Microsystems, the Institute runs Students' Forum for (SF-FOSS) with the aim of *spreading knowledge unrestrained*. Objectives of the forum include: development of the society through modern open sourcing tools, provide open sourcing solutions to the current needs, provide a platform for the intellectual and technical development of students and spread the awareness and developments of open-source, reaching far and wide.

hIQ

Every dream has a small beginning and we believe that to grow in a shrinking world one needs to innovate. And with this very purpose just another step towards the fulfillment of our dreams has been taken. This is a platform to serve thought for food, and to encourage innovation. hIQ is the knowledge band of IITM; a place where students come together to share the best in them. It is a network to distribute knowledge. Students and theorists from different areas share their knowledge through classroom lectures and intense interactive sessions, interspersed with rounds of quizzes. It was initiated by a small group of MBA students on 23rd Feb'2001 and has been a big success in the IITM community.



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- **Regulation on Ragging**

The Regulation

In view of the directions of the Honourable Supreme Court of India vide writ petition 656/1998 and in the matter of "University of Kerala v/s. Council, Principals, Colleges and others" in SLP no.24295 of 2006 dated 16-05-2007 and that dated 08-05-2009 in Civil Appeal number 887 of 2009 ragging is strictly prohibited at ABV-IITM Gwalior.

What Constitutes Ragging

Ragging constitutes one or more of the following acts:

- a) Any conduct by any student or students whether by words spoken or written or by an act which has effect of teasing, treating or handling with rudeness a fresher or any other student;
- b) Indulging in rowdy or indiscipline activities by any student or students which cause or is likely to cause annoyance, hardship, physical or psychological harm or to raise fear or apprehension thereof in any fresher or any other student,
- c) Asking any student to do any act which such student will not in ordinary course do and which has the effect of causing or generating a sense of shame, or torment, or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student;
- d) Any act by a senior student that prevents, disrupts or disturbs the regular academic activity of any other student or a fresher;
- e) Exploiting the services of a fresher or any other student for completing the academic tasks assigned to an individual or a group of students;
- f) Any act of financial extortion or forceful expenditure burden put on a fresher or any other student by students;
- g) Any act of physical abuse including all variants of it: sexual abuse, homosexual assaults, stripping, forcing obscene and lewd acts, gestures, causing bodily harm or any other danger to health or person;
- h) Any act or abuse by spoken words, email, post, public insults which would also include deriving, perverted pleasure, vicarious or sadistic thrill from activity or passively participating in the discomfiture to fresher or any other student;
- i) Any act that affects the mental health and self-confidence of a fresher or any other student.
- j) With or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student.

Administrative Action in the Event of Ragging

The anti-ragging committee may, depending on the nature and gravity of the guilt established by the anti-ragging squad, award, to those found guilty, one or more of the following punishments, namely;

- a) Suspension from attending classes and academic privileges.
- b) Withholding/withdrawing scholarship/fellowship and other benefits.
- c) Debarring from appearing in any test/examination or other evaluation process.
- d) Withholding results.





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- e) Debarring from representing the Institution in any regional, national or internal meet, tournament, youth festival, etc.
- f) Cancellation of admission.
- g) Rustication from the Institution for period ranging from one to four semesters.
- h) Expulsion from the Institution and consequent debarring from admission to any other Institution for a specified period.

Ragging not identified, the Institute shall resort to collective punishment.

• **Ombudsman**

Institute has “Ombudsman” for looking the various academic grievances of student committee. The Ombudsman will be looking after the following:

- Inconsistencies in evaluation / award of grade by a teacher in a course/projects/dissertations/seminars.
- Lack of transparency in the evaluation process.
- Irregularity/ improper conduct of class (es) and/or examination(s).
- Denial of access to Institute facilities.
- Any other academic grievance(s) like academic/medical leave count of students, not showing answer sheets of minor/major test, non conduction of test(s), gender bias, guidance in major project / self study etc.

• **Alumni Association**

ABV-IIITM Gwalior alumni association has been active over the last few years. Activities have included an alumni day celebration at ABV-IIITM Gwalior, and establishment of local chapters of ABV-IIITM Gwalior at select cities across India. The alumni association offers alumni the chance to keep up with the happenings at ABV-IIITM Gwalior and interact in more than one way, such as

- Technical collaboration in projects
- Professional network
- Academic collaboration
- Recruitment of ABV-IIITM graduates



ACCOLADES

Recent Accolades at a Glance

<i>Students</i>	<i>Competition</i>
Shilp Gupta, Ashok Vijay, Manyata Goyal	First in ACM-International Collegiate Programming Contest Asia Kanpur Regional-2009 at IIT Kanpur and earned Honourable mention in world finals held at Stockholm, Sweden .
Shilp Gupta	Asia Pacific and Australia Regional Finalist and among top 1000 worldwide in Goggle Code Jam Programming Contest - 2009
Rahul Kala, Chandra Prakash, Dhirender Sharma, Rahul Khandelw	First in Lord of the Code Software Design Contest - 2008, organized by RedHat and Kanwal Rekhi School of Information Technology (KReSIT), IIT Bombay.
Vinit Ranjan, Rohit Shukla	Award for Excellence in e-Governance Initiatives in Madhya Pradesh (2008-2009).
Deepak Raj	First in Reliance Great Indian Programming Challenge-2008





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Annexure A: Rules for Library Use

- The library is meant for use of bonafide students of various programmes and faculty members of the institute. The timings of the library are:

Monday to Friday : 9 AM to 6 PM

Saturday : 10 AM to 6 PM

Under urgent, abnormal or unforeseen circumstances, the library or any of its sections may be opened later or closed earlier than the scheduled hours at the discretion of librarian.

- Issue of books, periodicals, etc. will ordinarily commence quarter of an hour after the scheduled time of opening and be stopped half an hour before the scheduled time of closing of the library.
- All library books, periodicals, etc. meant to be returned to the library, are to be presented at the counter for the purpose at least 15 minute earlier than the scheduled time of closing of the library.
- Readers' or borrower's cards or other identity records are to be shown to the security guard, if demanded, at the time of entering into the library or whenever asked for in the library.
- Undesirable or unauthorized persons shall have no access to the library and if found in the library they shall be liable to expulsion from the library by the librarian.
- While in the library, all persons shall observe all basic and elementary principles of library ethics, obey the rules and procedures of the library, and submit to discipline enforced by the librarian.
- Conversation, talking, sleeping, smoking and loitering is not allowed in the library.
- Use of mobile phones is not allowed in library premises.
- No reader shall bring any non-member into the library, nor shall lend, even temporarily, library books borrowed by him to others.
- Person detected to be acting in contravention to Rules 3, 4 and 5 above shall be liable to be deprived of the facilities of the reading room temporarily or permanently.
- No reader who has been thus excluded from the privileges of the library shall be allowed to use the reading rooms or to borrow books unless and until such person be reinstated by the library committee.
- At the time of entering the library all personal belongings, such as attaché cases, brief cases, satchels, bags, umbrellas, etc, books not belonging to the Institute library and books though





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borrowed from the library but not meant to be returned to the library, shall be deposited at the property counter at the entrance to the library .

Note: Though for the period of deposit all possible care will be taken for the safe custody of the article or articles deposited, the administration does not accept any responsibility for any damage or loss of the same. It is advisable not to bring valuable things to the library and deposit them at the property counter.

- Every member of the library shall be responsible for the safe custody of any library book borrowed by him for study in the library reading room or for use at home.
- Library books issued for use in the reading room shall not be taken out of the section without prior permission of the librarian.
- Library books shall never be left unattended on the table in the hall. The borrower shall be held responsible for loss, mutilation or damage, if any, while the book stands issued on his account.
- At the time of borrowing a book either for use in the library reading room or for use at home, every borrower is expected to examine it carefully and bring to the notice of the person-in-charge of the issue - counter, cases of mutilation, defacement or damage, if any, immediately: otherwise if any mutilation, defacement or damage be detected subsequently, the person to whom the book was issued last will be held responsible for such damage, defacement or mutilation.
- Persons held responsible for loss, damage, defacement or mutilation of books shall be liable to compensate the library in such way as may be determined by the library committee.
- In case of mutilation, damage, defacement or loss of library books, the librarian may, pending the final decision of the library committee, wholly or partially suspend the library privileges allowable to a person who is held responsible or is suspected to be responsible for the offence.
- Ordinarily not more than 3 books at a time will be allowed to be retained by a borrower for use for a week and such books are to be returned in good conditions on or before the due date.
- Subject to the terms and conditions that may further be determined by the library committee from time to time, facilities of borrowing books from the Institute library may be extended to the following categories of persons for their own use under terms and conditions shown against each provided they have duly enrolled themselves as members of the Institute library by filling up the prescribed form:
 - a) Employees, b) Retired faculty, c) Alumni of the Institute
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- If books borrowed by persons mentioned in sections 13 of the library rules above be not returned in spite of reminders, the matter shall be reported to the library committee for such action as may be considered necessary.
- No books shall be issued and delivered to any person other than a duly registered borrower in person or someone having on each occasion a written authority from him to receive a book or books on behalf of such registered borrower.
- Books on loan with members of the library under any category can be recalled by the Institute librarian at any time.
- There are certain categories of publications such as reference books, rare books, periodicals, reports, etc., books of such special collections which are not generally lent out and those are not to be ordinarily issued out of the library.
- Library cards are not transferable.
- In case of loss of a library card, a duplicate one may be issued, at the discretion of the librarian, for which a fee of Rs 25 per card will have to be paid. Another duplicate library card for students and research scholars is issued against a charge of Rs.100 per card. Thereafter no duplicate card shall be issued.
- At the request of other Institutes, research institutes, educational Institutions, well – known and well-established libraries or organizations and government or semi – government offices, separable books, publications and other materials belonging to the Institute library may be issued on inter – library loan system by the librarian.
- If a depositor does not claim refund of his library deposit money within three years from the date of cessation of his membership of the library, the deposit money will be forfeited.
- The library rules framed hereinabove may, from time to time, be changed, altered, and amended, or new rules may be added by the library committee, and that will be effective and binding to all concerned when the relevant proceedings of the library committee are approved by the senate.





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Annexure B : Rules for Guidance of Boarders in the Hostels

Admission

- Boys' Hostels (BH-1 and BH-2) and Girls Hostel (GH) are reserved for IPG/M Tech/ MBA and full time Ph D students of ABV- IIITM, Gwalior.
- Admission to the hostels will be made on recommendation of the committees constituted for the purpose by the Director, ABV - IIITM, Gwalior.
- Application for admission must be made on a prescribed form available from academic section ABV- IIITM, Gwalior.
- Admission in a hostel is for one academic session only (July-August). On the expiry of this session a student ceases to be a boarder of the hostel in which he / she resided.
- The allotment of rooms, seats and directions as to the use of lavatory, bathing places, kitchen, store – room, roof, etc. will be entirely at the discretion of warden / In-Charge of the hostel.
- Every boarder is to clear in advance the room rent and other charges payable to ABV - IIITM, Gwalior before the date of registration. Failure to do so will result in treating his/her room as vacant and his / her name will be removed from the rolls of the hostel all from the beginning of the next semester.

Withdrawal

- A student once admitted as boarder must pay in advance the charge (for 12 months) at the time of admission.
- Explanation - if a boarder desires to leave a hostel any time after admission, he/she have to pay for the seat and other charges payable to the ABV - IIITM, Gwalior for the remaining days of the month).
- In order to withdraw from a hostel a boarder must give the superintendent at least 1 month's notice in writing.

Fees

The boarders on admission will have to pay the under the following heads. (Information about the actual charges can be obtained form the concerned section and subject to revision from time to time).

- i) Admission fee ii) Seat rent for the session, and iii) Miscellaneous charges

Boarders, on admission, will also have to pay one – time refundable caution deposit which may be refundable to the boarder at the end of the boarder-ship tenure subject to fulfillment of certain conditions.

Delay fine: Student, who fails to take re-admission as boarders within the specified date, will have to pay a delay fine.

Clearance Certificate: Boarders must produce clearance certificates from the hostel warden in respect of payment of seat rent, electricity charge, messing and other charge at the time of submitting fees and also before admit cards for the examination are issued.

Discipline

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- Every hostel will be in charge of a warden duly assisted by superintendent. The superintendent will be responsible for the proper management of the hostel and for ensuring observance of the rules of discipline.
- Without the permission of the superintendent, which shall be recorded in a book kept for the purpose, no student shall absent himself/herself from the hostel between 12 night and 6 AM. If a boarder stays outside the hostel during night time between 12:00 AM to 6:00 AM without the previous written permission of the superintendent, he/she is liable to removal from the hostel.
- Inmates of men's hostel are expected to be in the hostel before 10 PM. Latecomers should enter their name and time in the register available with the security personnel.
- The inmates of ladies' hostel are expected to be in the hostel before 7 P.M. Latecomers should enter their name and time in the register available with the security personal.
- A student going out-of-station must inform in writing to the warden and shall take necessary permission for the same.
- The students should follow the instructions from the hostel authorities and security personnel.
- The inmates are expected to behave politely with fellow students, institute staff and hostel authorities and to show utmost decency in all their activities.
- No student residing in the hostel shall engage himself/herself in undesirable activities such as ragging and forming groups in the name of language/religion/state which disturb the peaceful atmosphere of the hostel.
- Members are not permitted to convene meeting of any sort anywhere in the hostel or its premises without the warden's permission. No circular/ subscription list shall be taken round without the permission/ authorization of the warden.
- No student shall give a party of entertainment in the hostel without the previous permission of the Warden.
- A boarder should not rebuke or chastise a security guard, a cook, a servant or any other employee of the hostel for any reason whatsoever. If necessary, he/she may complain to superintendent.
- No boarder shall employ a guard/cook/attendant for his/ her personal business.
- The common room of the hostel will be kept open usually between the period from 8:30 AM to 10 AM and 4 PM to 7 PM every day unless otherwise decided by the superintendent for special reasons.





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- Smoking, consumption of alcohol and intoxication by any other means are strictly prohibited.
- Shouting, reading aloud and other similar acts, which are likely to disturb other residents, should not be done at any time.
- The inmates should keep their rooms neat and tidy. They should make the room available for periodic inspections by the concerned authorities.
- Cooking inside the room is strictly prohibited.
- Boarders should not keep valuable and costly items in their rooms. They shall take due care of their belongings and deposit money in bank.
- Boarders are required to make their rooms available for repair, maintenance, and for inspection by warden whenever necessary.
- Uses of unauthorized electrical appliances such as heater etc. are strictly prohibited.
- Each boarder should check the furniture and electrical fittings in writing which are returnable at the time of vacating the room.
- All the boarders are responsible for maintaining the hostel equipment issued to them and returning them in good condition when they leave the hostel. The student will have to pay for any loss or damage. No student is allowed to remove any equipment from the hostel.
- In case of sickness, boarders consult institute doctor, or inform hostel warden in the case of emergency.
- The students are encouraged to discuss their problems with their warden.
- Dining in the hostel mess is compulsory for all boarders. Individual cooking or taking meals outside is not permitted.
- The hours of meals will ordinarily be
 - Break fast 7.00 A.M. to 9.00 A.M.
 - Lunch 12.00 P.M. to 2 P.M.
 - Tea 5.00 P.M. to 6:00 P.M.
 - Dinner 7.30 P.M. to 9.00 P.M.

These are subject to changes with the consent of the warden.

- Meals or extras will not be served to the rooms of the members.
- Under no circumstances, members are allowed to take cups, saucers, tumblers and other utensils of the hostel mess to their rooms/lawns outside.





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- Students are expected to maintain perfect discipline and order in the dining halls during dining hours. They are normally not allowed to enter the kitchen and help themselves.
- Rules for reduction of mess charges for the days of absence of diners will be framed by the hostel and mess committee from time to time.
- If the dues are not paid before the end of the month during which they fall due, the defaulting students will not be allowed to dine from the messes (hostel dues include mess charges, room rent, electricity charges, water charges etc.). If the dues remain unpaid for a long period, such students will be expelled from the hostel and a penalty will be imposed for the delayed period. Students leaving the hostel for vacation should pay up all their dues before their departure.
- The hostel office will intimate the parent/guardian on the hostel dues if the student fails to pay the same in time. However it is the responsibility of the student to clear the dues in time.

Expulsion

- Boarders are liable to be fined by the superintendent for any kind of misconduct; serious offences shall be punishable with expulsion from the hostel by the board of residence.
- If any boarder is expelled from the hostel for any breach of rules, he/she will be liable to expulsion from the college to which he/she belongs.
- Cases of infringement of rules and disobedience of orders shall be dealt with by the superintendent who is authorized to impose fines in such cases. He/she shall report all cases of serious misconduct for consideration by the warden and the decision of the warden shall be final.

Collective Worship

- No collective worship shall be permitted in any hostel without the special permission of the warden.

Water, Electricity, Furniture and Fixture

- Boarders must take their bath only in the bathroom places as provided for their use.
- All lights must be switched off when the occupants leave a room.
- No Furniture shall be removed from one place to another without the permission of the superintendent / In-charge of the hostel.
- Damage done to furniture, fixture, and utensils must be made good by the boarder/boarders causing it. If the boarder causing the damage is not detected, all the occupants of the room or rooms in which the damage is done will be held liable for such damage.
- Bulbs, holders, switches, etc. must not be changed by the boarders without the knowledge of the superintendent/assistant superintendent/In-charge of the hostel. Violation of this rule will make the boarder liable to a fine as determined by the authority.





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- Any damage to the electric fitting in the rooms, passages, hostels, etc. must be at once reported to the superintendent / In-charge of hostel who will take necessary measures to repair the damage.

Visitors and Non-residents:

- Only such person whose names have been recommended by the legal guardians and approved by the Superintendent be allowed to call at the Hostel to see a boarder. Such a person has been described as a 'visitor'.
- Outsiders, whether friend or relatives of the students, are not allowed to reside in the hostel. In emergent cases, such as serious illness of a boarder, parents or legal guardians may be allowed to stay with the previous written permission of the superintendent / In-charge of the hostel for a period not exceeding 3 days.
- As a rule, lady visitors will not be allowed in the hostels for men students. In emergent cases, only the superintendent / In-charge of the hostel should use his discretionary power to allow any lady visitor such as, mother or sister of a sick boarder to visit him or to take him home.
- As a rule, a gent's visitor will not be allowed in the hostels for ladies students. In emergent cases, only the superintendent / In-charge of the hostel should use his discretionary power to allow any gent's visitor such as, father or brother of a sick boarder to visit her or to take her home.
- At 8 PM visitors and other outsiders must leave a hostel for men students except those who may have special permission.
- Visitors will put their names, addressed, and the purpose of visit in the register maintained by the superintendent before they are allowed to go in. The visitors must record their time of arrival and departure.
- In hostels for girls the visiting days and hours will be fixed by the warden but in no case later than 8 PM.
- Guard shall report any boarder returning to the hostel after 12 AM to the warden. The gate of the hostel is locked up at 12 AM and opened at 5 AM everyday.
- Guests are allowed only with the written permission of the warden of the hostel.
- Visitors may see a boarder in the visitors' room or in the common room where there is no visitors' room, only on fixed days and hours. A boarder may see a visitor on other days with the special permission of the superintendent.
- The warden shall have the power to refuse permission to introduce into the hostel any particular person as a guest without assigning any reason.





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- The guest shall abide by the rules and the regulations of the hostels.
- The hostel will maintain a register of guests and see that no guest is admitted unless the name and other particulars are entered in the register. The host is responsible for furnishing particulars of the guest.
- All matters of urgency affecting a boarder must be referred by the Superintendent to the local guardian appointed by his / her father or guardian.
- No strangers will be allowed in the hostel premises for carrying on any business without license. Students are advised not to deal with strangers/unauthorized vendors.





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Annexure C: IT Policy

ABV-IITM is an apex institute dedicated to quality education and research in Information Technology and Management. The basic purpose of the Information Technology facilities of the Institute is to support the following:

1. Support and enhance the educational mission of the Institute.
2. Enrich the educational experience of the students, faculty and staff of the Institute.
3. Enhance the research and other academic activities in the Institute.
4. Enable to realize office automation in the Institute.

These facilities are required for research activities, courses and assignments as well as office automation for smooth running of the Institute.

A computer account is created for every individual member on admission to the Institute. The account allows the members to browse the web, send and receive e-mail, use the computational and other IT facilities in different labs. The members can use these services of the Institute with freedom. It is expected that the members use these services in a responsible manner. Their conduct and use should be tempered with propriety and a spirit that respects the right of everyone. Any abuse of these facilities may have serious implications on the reputation and the standing of the Institute as well as can bring the facilities of the Institute into disrepute. Such misuse of the facilities will not be tolerated at any cost.

A computer account is deactivated within one month of the member leaving the Institute. Certain guidelines that should be followed in the use of the Institute IT services have been formulated. The compliance with these guidelines and the do's and the don'ts are necessary for the continued use of our freedom. Not only should members stick to the use of the facilities in accordance with these guidelines, but also report any use that is against these guidelines or the spirit of these guidelines. Failure to report infractions of the guidelines shall also be construed as an act of omission in following the guidelines.

Following activities amount to unethical use of IT facilities and will attract punishment from the Institute authorities. Read the following list of activities that amount to unethical use of IT facilities and the previous discussion carefully and then sign your declaration of acceptance of these policies.

Blocking of Resources:

1. Playing games on the machines in the Institute.
2. Locking the screen of machines in the Institute.
3. Sending junk mail to all the members.
4. Sending unsolicited mail (spam) or chain mail.

Minimum punishment for these activities is suspension of computer account for two weeks. In addition, financial fine may also be imposed.

Wasting/Damaging Resources:

1. Unnecessary downloads from the Internet.
2. Damaging or changing configuration of computing and networking equipment.

Minimum punishment for this activity is suspension of computer account for two weeks. In addition, the member will have to compensate the Institute for the resources wasted.





Misuse of Resources:

1. Allowing account access to other persons, sometimes outsiders.
2. Storing pornographic material on the disk.
3. Viewing pornographic material on DeskTops.
4. Using personal account to do outside (non Institute) work for which the individual is paid.

Minimum punishment for these activities is suspension of computer account for six months. Such cases will also be put-up to concerned authorities for disciplinary action.

Security Related Misuse:

Breaking security of the systems.

2. Trying to capture passwords of other members.
3. Damaging/gaining access to the data of other members.

The security related abuse is considered to be most serious. Anyone found involved in these activities will have computer account suspended for one year. The case will be put-up to concerned authorities for necessary disciplinary action.

A disciplinary committee will look into all reported misuse and may announce penal action.

Obviously, enumeration of all such cases is not possible. However, a thumb rule is that any activity which inconveniences other members, depletes the IT resources of the Institute, or jeopardizes the security of the systems, amounts to unethical use. Moreover it should be noted that the punishment set out for various cases can change and can be very severe depending on the view that the Institute takes of the offense.

The Institute, whenever possible, gives all bona-fide members the discretion to determine how to best use the IT resources and facilities within the guidelines of this policy. Members are responsible for their actions, the consequences of those actions, and the consequences of negligent inaction. As such, members whose judgment leads to activities inconsistent with the guidelines of this policy risk disciplinary action and possible imposition of restrictions to enforce the guidelines of this policy. Also, these guidelines should be met with letter and the spirit of the guidelines as no set of ethical/unethical guidelines can be exhaustive.

Attention of campus community is drawn toward IT act 2000 and IT (Amendment) act 2008. Needless to say all community members will be bound by the above.

Acceptance of the IT Policy:

I have read and understood the above IT Policy existing in the ABV IITM Gwalior, and accept to abide by these rules and regulations. I further understand that if found guilty of violating the letter and the spirit of this policy, disciplinary action may be taken against me.

Date: _____

Signature: _____

Place: _____

Name: _____

Designation: _____





विश्वजीवनामनं ज्ञानम्

Our Pledge

I pledge allegiance, in my heart and soul, to strive for honesty and integrity in my endeavors. I will learn from my teachers and my peer-group. I will do my assignments and projects honestly. I will be honest while providing details about my education and background, achievements, professional designations and years of experience. I will maintain respect for members of the community and to our environment. I will maintain highest standards of professional conduct and neither will receive nor give unauthorized assistance in the examinations. I will be polite and refrain from being abusive or offensive. I will never involve myself in forgery, plagiarism, theft, unauthorized collaboration and disruption of events such as classes, meetings and other social events. I will maintain confidentiality of any information entrusted to me. I will explore and take into account the social and environmental consequences of any job I consider and will try to improve these aspects of any organization for which I work.



Based on Contributions of:

Aditya Arora (2005IPG-01), Hitesh Kumar Sharma (2005IPG-25), Shweta Bothra (2005IPG-61),
Vikrant Sisodiya (2005IPG-78), Ronak Dhoot (2007IPG-50), Anural Agrawal (2008IPG-11)





विश्वजीवनामनं ज्ञानम्

Location of the Institute

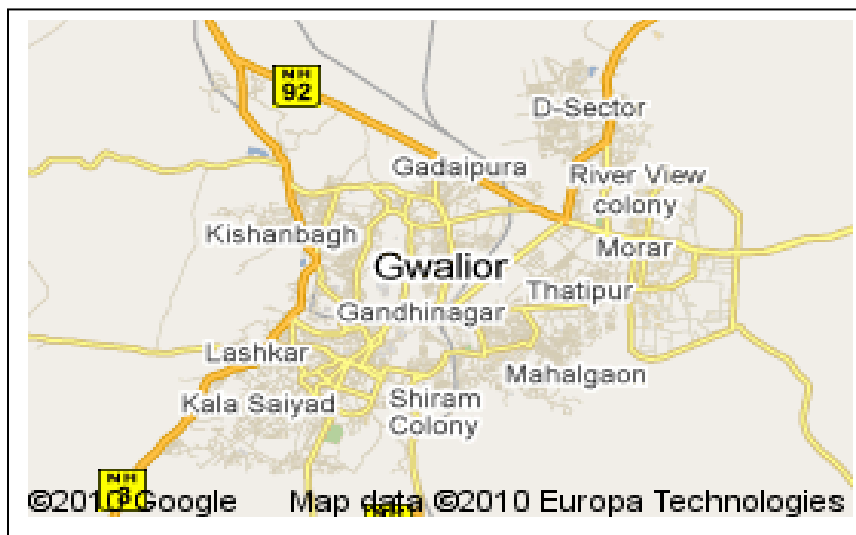
ABV-IIITM Gwalior is situated at Morena Link Road (National Highway # 92) Gwalior- 474 010 (M.P.), India.

About Gwalior

Gwalior is a District in the State of Madhya Pradesh. It is located near Agra. The city has two parts, namely the old city and the new section, Lashkar. Lashkar is a few miles South from the old city. It is the site of factories producing cotton, yarn, paint, ceramics, chemicals, and leather products. The nucleus of Gwalior is a citadel crowning an isolated rock about 91 m (300 ft) high, 3.2 km (2 mi) long, and 823 m (2700 ft) wide. The rock is said to have been a stronghold for more than ten centuries and the old city is located at the Eastern base of the rock. The old city houses a white sandstone mosque, palaces, rock temples and statues of archaeological and architectural interest. The Jiwaji University was established in Gwalior in the year 1964. Gwalior City was the Capital of the princely State of Gwalior until 1948 and the summer Capital of Madhya Bharat State from 1948 to 1956. When Madhya Bharat became a part of Madhya Pradesh, Gwalior became a separate District. According to Census 2001, the population of the District is 1629881 .

Gwalior's history is traced back to a legend in 8th century AD when a chieftain known as Suraj Sen was struck by a deadly disease and cured by a hermit-saint Gwalipa. As a gratitude for that incident, he founded this city by his name. The new city of Gwalior came into existence over the centuries. The cradle of great dynasties ruled the city of Gwalior. With different dynasties the city gained new dimensions from the warrior kings, poets, musicians, and saints who contributed to making it renowned throughout the country. The city is also the setting for the memorials of freedom fighters such as Tatya Tope and the indomitable Rani of Jhansi. Today the old settings stand side by side with the trappings of modernity.

- **Map**





विश्वजीवनामनं ज्ञानम्

• Tourism

Gwalior is a historical city in the heart of India, situated in the State of Madhya Pradesh. The Ancient Indian Classical School of Music “Dhrupad” was finetuned here and spread to various parts of India to acquire local flavours. Known as “The City of Music”, the legendary musician Tansen also belonged to Gwalior and became one of the nine jewels of Emperor Akbar’s court. Tansen innovated many complex & beautiful ‘Ragas’. Thereafter the city responded so well to music that few members of every family took classical music as their life time passion.

The city has perhaps the richest musical tradition among all the cities in this great country starting from Tansen, Baijubabra, Hassukhan, Haddukhan, Krishnarao Pandit, Chote Bhayya Puchhwale, Bande Ali Khan, Shankar Rao Pandit and to come to the living legends Malini Rajurkar, Ustad Amjad Ali Khan, the list is endless.

Tomb of Tansen Gwalior has beautiful large Fort Palace built during Tomar dynasty who were connoisseurs of Art & Music. Exquisite stone works can still be found here inspite of immoral plundering by vested interests. Agra is just 110 kms from Gwalior and 1½ hours journey by various express trains and is easily reachable to Tajmahal. Khajuraho group of temples depicting all facets of life including erotica is 4 hours journey by road. Mitawali & Padavali has 108 ruined temples and is just 20 kms from Gwalior.

Orchha is 100 kms from Gwalior and is a treat for weekend trips as the village still carries old time feel with palaces, temples, cenotaphs and ruins along the banks of Betwa river.

Modern Gwalior is a bustling city with a population of over 1.6 million. It is centrally located 317 kms from Delhi and 400 kms from Bhopal. It is well connected with Delhi, Bhopal, Indore, Mumbai, Pune, Chennai, Bangalore and Hyderabad by trains, road and by air from New Delhi and Jabalpur.

Most famous landmarks include the living Palaces of Scindias - Jai Vilas Palace, the tombs of the famous musician Tansen & his mentor teacher Mohammad Ghaus.

IITM itself has visitors from all over the region to see its vast collection of sculptures and paintings as well its most applauded Amphitheater.

The industrial history of the Gwalior dates back to later part of 19th Century when Birlas established their Textile business. The well known Grasim & Gwalior suiting brand was born in this region. Gwalior has kept pace with time making it emerge as a vibrant city of Madhya Pradesh. The City has attracted major corporate houses like Cadbury, Kodak, SRF, J.K. Industries, Crompton Greaves, Flex Chemical and Atlas.



- **Monuments and Sight Seeing Spots:**

The Fort: There is much to see in and around the fort. Guides can be hired at the gate. Every evening Light-and-Sound show is held at the open-air theater outside the Man Singh Palace at fort.

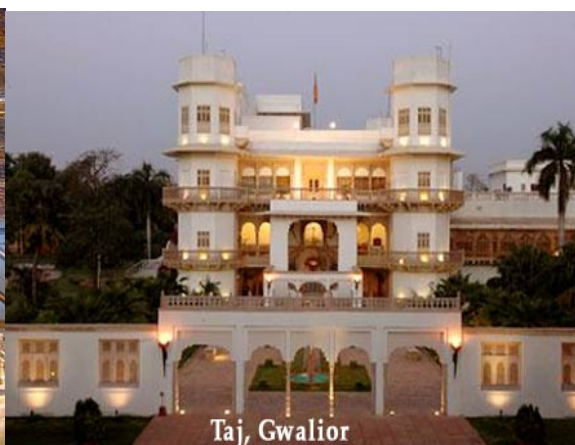


Jain Sculptures: There are many impressively big Jain Sculptures, which were originally cut into the cliff faces in the 5th century fort. They were defaced during Mughal time. The images are in five main groups.

Archaeological Museum: Within the Gujri Palace is the Museum. It houses an extensive collection of Hindu and Jain sculptures and copies of the Caves frescos.

Jai Vilas Palace and Scindia Museum: Though the Scindia family still dwells in this Palace, a part has been converted into a museum. The museum houses ostentatious items such as Belgian cut glass furniture, stuffed tigers, a Rolls Royce on rails, a German bubble car, a life-size marble statue of Leda and a silver railway that carried brandy and cigars around the dining table. The main Durbar hall with its giant chandeliers is captivating.

Tighra Lake: Approx. 20 kms from the city of Gwalior is huge lake where water sports are available on nominal payment apart from being a nice place for picnics in monsoon season.



Motimahal Palace: A place which was turned into a Govt. Office in Independent India has beautiful painted ceilings and walls, recently renovated by INTACH in its original grandeur. Chambal Safari: Dolphin & Crocodiles are breed and can be seen in Chambal river by Chambal Safari boats run by MPSTDC.

How to reach Gwalior

Due to its close proximity to places like Agra and other important places, Gwalior is easily accessible. The place has an airport and a railway station within the city limits. Gwalior can be easily reached by air, rail and road from major destinations in Northern India. Gwalior airport is 8 km away from the heart of the city. It costs about Rs 150 by taxi.

- **Air Connectivity**

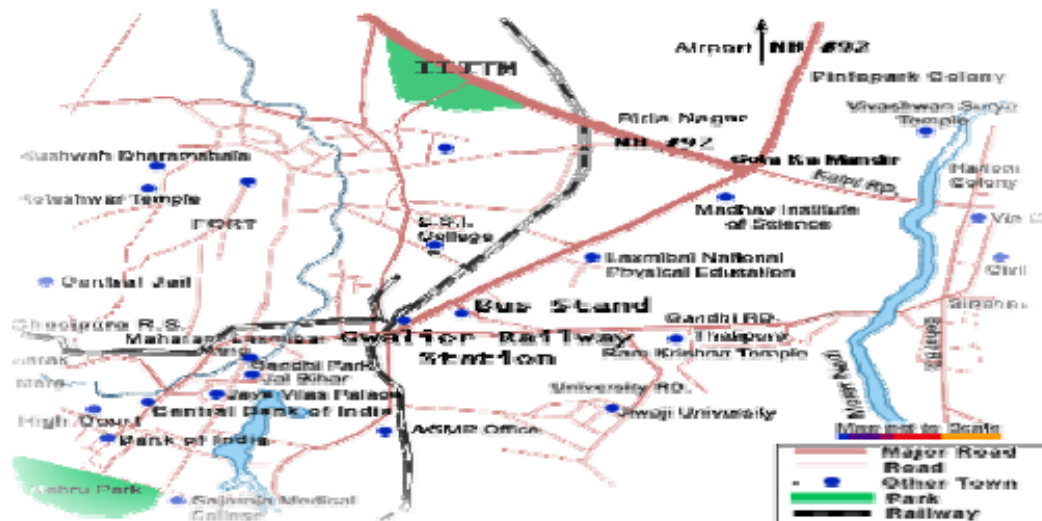
Gwalior has an airport of its own that is situated at a distance of 8 kms from the main city. Indian Airlines connect Gwalior to the important cities of Mumbai, Indore, Bhopal and Delhi. The services are operational thrice a week.

- **Rail Connectivity**

The Gwalior Railway Station is located in the city. It lies on the main Delhi-Mumbai and Delhi-Chennai rail link. The Taj and Satabdi Express connect Delhi and Agra with Gwalior.

- **Road Connectivity**

Gwalior is well connected by roads. The place is connected to all the major towns of Madhya Pradesh and the adjoining areas. Gwalior is linked to Agra which is at a distance of 118 kms. It is well connected to Mathura and Jaipur which is at a distance of 350 kms. Delhi lies at a distance of 321 kms, Lucknow and Bhopal are just 423 kms away and Chanderi is at a distance of 239 kms. The city is also connected with good quality roads to places like Indore lying at a distance of 486 kms. Jhansi is just 101 kms away from Gwalior, Khajuraho lies at a distance of 275 kms, Shivpuri and Ujjain are placed at a distance of 114 km and 455 kms respectively.





TWARAN 2010

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