

ATAL BIHARI VAJPAYEE INDIAN INSTITUTE OF INFORMATION TECHNOLOGY AND MANAGEMENT GWALIOR



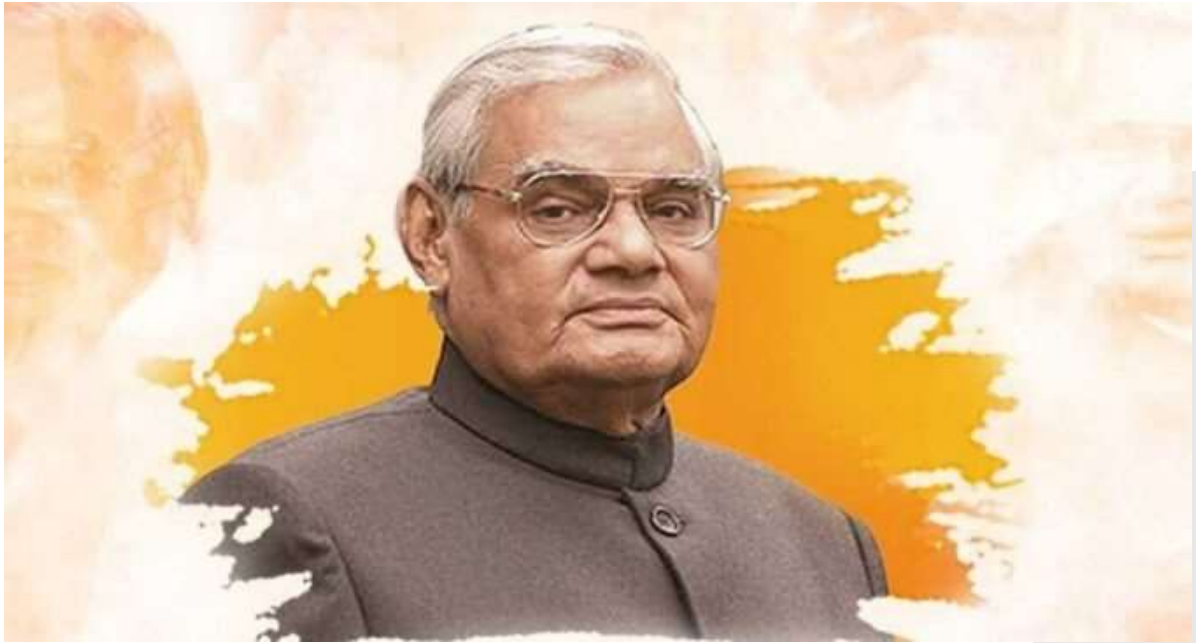
विश्वजीवनामृतं ज्ञानम्

Information Brochure 2024-25



अटल बिहारी वाजपेयी भारतीय सूचना प्रौद्योगिकी एवं प्रबंधन संस्थान ग्वालियर
ATAL BIHARI VAJPAYEE INDIAN INSTITUTE OF INFORMATION TECHNOLOGY AND MANAGEMENT GWALIOR





*Victory and defeat are a part of life,
which are to be viewed with equanimity.*

Atal Bihari Vajpayee



या कुन्देन्दुतुषारहारधवला या शुभ्रवस्त्रावृता
या वीणावरदण्डमण्डितकरा या श्वेतपद्मासना।
या ब्रह्माच्युत शंकरप्रभृतिभिर्देवैः सदा वन्दिता
सा मां पातु सरस्वती भगवती निःशेषजाड्यापहा॥

Salutations to Devi Saraswati, Who is pure white like Jasmine, with the coolness of Moon, the brightness of Snow and shine like the garland of Pearls; and Who is covered with pure white garments, Whose hands are adorned with Veena (a stringed musical instrument) and the boon-giving staff; and Who is seated on pure white Lotus, Who is always adored by Lord Brahma, Lord Acyuta (Lord Vishnu), Lord Shankara and other Devas, O Goddess Saraswati, please protect me and remove my ignorance completely.



Institute Ranking





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VISION, MISSION, AND QUALITY POLICY

VISION

Global Excellence in Knowledge Economy.

MISSION

- Teaching and research with focus on emerging technologies, business process and high-tech solutions in low-tech environment.
- Integrating technologies and management in cross-cultural environments.
- Shaping students to be innovative, entrepreneurial, supportive, assured and international.

QUALITY POLICY

ABV-IIITM is committed at offering quality education, training, research, competency development and consultancy to the satisfaction of all its stakeholders. This institute through its innovative teaching methods and research aims at improving effectiveness of IT and management practices on a continuous basis. All along ABV-IIITM works towards creating a knowledge-networked environment. We achieve this through:

- Proper understanding of quality policy and its effective communication across all levels
- Adherence to this policy on a routine basis.
- Periodical audits on quality procedures.



From the **DIRECTOR'S** Desk



Prof. Sri Niwas Singh, Director

FIEEE(USA), FIET(UK), FNAE, FIE(I), FIETE, FAAIA, FAIA

Atal Bihari Vajpayee-Indian Institute of Information Technology and Management (ABV-IIITM), Gwalior, which is first in IIIT Series and one of the five CFTIs-IIITs, has grown to become National flagship, research-led Institute of national importance, known for the excellence of CS/IT and Management through teaching, research, and service to the local, national and international communities. ABV-IIITM has been strategically established in 1997 by Government of India towards providing quality education. The IT enabled MBA programs (BTech (IT)+MBA) and MTech (BTech (IT)+MTech (IT)) are unique in the nation. ABV-IIITM has more than 1500 students of whom 1150+ are undergraduate students in Information Technology, Computer Science & Engineering, along with M.B.A. University is running M. Tech. in 3 disciplines and full/part-time Ph.D. programme in number of disciplines. Two new BTech programs (Electrical & Electronics Engineering and Mathematics & Scientific Computing) are opened from academic year 2023-24.

Banking on our experience, the Institute has single-mindedly committed to innovatively design course curricula vetted by industry experts, who possess practical know-how, and applied with complete dedication to achieve academic excellence.

Our vision is to make ABV-IIITM a name to reckon with in the academic fraternity by giving a strong impetus to creating an environment of knowledge application and holistically inspiring students to become eminent leaders of tomorrow. ABV-IIITM is prepared to accept new challenges and make our Institute a world-class educational center of knowledge generation, acquisition, and dissemination that will benefit society, and to educate and train people to work in fields where they will be valued both for their specialised knowledge and for their ability to research, communicate and solve problems for the benefit and welfare of the society.

To meet these challenges, Institute has good academic, research & development and residential infrastructure, well-equipped modern laboratories and classrooms, campus-wide internet, and Wi-Fi facilities. Institute has the alliances and collaborative partnerships for student/faculty exchange, summer interns, etc. with business, government, and other research institutions/Universities of India and abroad. Institute is ranked top in all IIITs due to its academic, research and outreach facilities.

ABV-IIITM is a destination for beginning and shaping the professionals in their career development. This Institute is not only to make technocrats and managers but also professionals with human values who make noteworthy contributions to the society and our nation.

Jai Hind !!

Prof. Sri Niwas Singh
Director, ABV-IIITM Gwalior



ORGANISATION

BOARD OF GOVERNORS

(As on July 2024)

CHAIRMAN

Prof. Sri Niwas Singh

Director, ABV-IIITM Gwalior,
Morena Link Road,
Gwalior

MEMBERS

Prof. Sri Niwas Singh

Director, ABV-IIITM Gwalior,
Morena Link Road,
Gwalior

Mr. Priyank Chaturvedi

Deputy Secretary (IITs)
Ministry of Education, Govt. of India,
Shastri Bhavan, New Delhi - 110 015

Mr. Anil Kumar Pipal

Ministry of Electronics and Information
Technology,
Electronics Niketan, 6, CGO Complex,
New Delhi - 110 003

Mr. Nikunj Kumar Shrivastava

Principal Secretary
Department of Information Technology,
M P Govt., Ballabh Bhawan, Bhopal.

Prof. Sharat Chandran

Professor,
Dept. of Computer Science and Engineering,
Indian Institute of Technology, Bombay.
Powai, Mumbai 400 076, Maharashtra, India

Prof. Saibal Chattopadhyay

Director,
Indian Institute of Management, Calcutta
Diamond Harbour Road, Joka, Kolkata (Calcutta) -
700104, West Bengal, India

Prof. T G Sitharaman

Chairman
All India Council for Technical Education (AICTE)
7th Floor, Chander Lok Building, Janpath,
New Delhi-110001

Ms. Vidya Natampally

Ex. Sr. Director – Strategy,
Microsoft Research India,
9, Lavelle Road, Bangalore-560 001

Prof. Mahua Bhattacharya

Professor,
ABV-IIITM Gwalior

Prof. Anurag Srivastava

Professor,
ABV-IIITM Gwalior

SECRETARY

Mr. K. K. Tiwari

Registrar
ABV IIITM. Morena Link Road Gwalior, 474015

FINANCE COMMITTEE

(As on July 2024)

CHAIRMAN

Prof. Sri Niwas Singh

Director, ABV-IIITM Gwalior,
Morena Link Road,
Gwalior

MEMBERS

Prof. Sri Niwas Singh,

Director, ABV- IIITM Gwalior

Director (IITs)

Ministry of Education, Govt. of India,
Shastri Bhavan, New Delhi - 110015

Mr. Anil Kumar

Director (Finance)
Ministry of Education, Govt. of India, New Delhi

Prof. A.K. Mittal (Retd.)

B-263, Prohyogiki Plot 11, Sector 3,
Dwarka, Delhi 110078

Prof. Anurag Srivastava

Professor, ABV-IIITM Gwalior

SECRETARY

Deputy Registrar (F&A),

ABV- IIITM Gwalior



BUILDING AND WORKS COMMITTEE

(As on July 2024)

CHAIRMAN

Prof. Sri Niwas Singh

Director, ABV IIITM. Morena Link Road
Gwalior, 474015

MEMBERS

Shri Anil Kumar Jain

Special Director General, CPWD (Retd),
Flat No 9-B, Tower X, MeghdutamAppartments,
Plot f-21-C, Sector 50 NOIDA (UP) 201301

Er. Rajiv Garg

Ex. Superintending Engineer, IIT Kanpur
Flat No.201, The promont, A/10 sarvodaya Nagar,
Kanpur -208005

Prof. Manish Kumar Goyal

Dean Infrastructure and Development,
IIT Indore, IITI, Khandwa Road, Indore

Prof. Sanjeev Singh

Professor, School of Planning and
Architecture, Bhopal

Prof. Gyan Prakash

Dean of Planning & Development, ABV-IIITM Gwalior
ABV IIITM. Morena Link Road Gwalior, 474015

SECRETARY

Mr. K. K. Tiwari

Registrar
ABV IIITM. Morena Link Road Gwalior, 474015



SENATE

(As on July 2024)

CHAIRMAN

Prof. Sri Niwas Singh

Director,
ABV-IIITM Gwalior

MEMBERS

Prof. Shantanu Bhattacharya

Director, CSIR-CSIO, Chandigarh

Prof. Santosh Kumar Vishwakarma

Professor, EE, IIT Indore

Prof. C S Rao

Professor,
Department of Mathematics
IIT Delhi

Mr. Atanu Roy

Group CIO, Biocon Ltd., Mumbai

Mr. Kunal Kapoor

EA to MD Sun Pharma, Mumbai

Mr. Aniruddh Srivastav

ADirector - Technology M&A
consulting, Delhi, India

Prof. S. Tapaswi

Professor, ABV-IIITM Gwalior

Prof. Rajendra Sahu

Professor, ABV-IIITM Gwalior

Prof. Aditya Trivedi

Professor, ABV-IIITM Gwalior

Prof. Mahua Bhattacharya

Professor, ABV-IIITM Gwalior

Prof. P. K. Singh

Professor, ABV-IIITM Gwalior

Dr. Anjali

Special Invitee, Assistant Professor
ABV-IIITM Gwalior

SECRETARY

Mr. K. K. Tiwari

Registrar
ABV IIITM, Morena Link Road Gwalior, 474015

Prof. Pankaj Srivastava

Professor, ABV-IIITM Gwalior

Prof. Manoj Patwardhan

Professor, ABV-IIITM Gwalior

Prof. Anurag Srivastava

Professor, ABV-IIITM Gwalior

Prof. Joydip Dhar

Professor, ABV-IIITM Gwalior

Prof. Gyan Prakash

Professor, ABV-IIITM Gwalior

Prof. Naval Bajpai

Professor, ABV-IIITM Gwalior

Prof. K. V. Arya

Professor, ABV-IIITM Gwalior

Prof. Manisha Pattanaik

Professor, ABV-IIITM Gwalior

Prof. K. K. Pattanaik

Professor, ABV-IIITM Gwalior

Prof. Gaurav Agrawal

Professor, ABV-IIITM Gwalior

Dr. Ajay Kumar

HoD ES, ABV-IIITM Gwalior

Dr. Vivek Tiwari

HoD CSE, ABV-IIITM Gwalior

Dr. Veena Anand

Chairperson SUGC, Assistant Professor,
ABV-IIITM Gwalior



ACADEMIC OFFICIALS

DIRECTOR

Prof. Sri Niwas Singh
ABV-IIITM Gwalior

Dean of Academic Affairs (DOAA): Prof. Pankaj Srivastava

- Associate Dean UG: Dr. Veena Anand
- Associate Dean PG: Dr. Vivek Tiwari

Dean of Alumni and External Relations (DAER): Prof. Anurag Srivastava

- Associate Dean Alumni Relations: Dr. Rahul Kala

Dean of Research and Consultancy (DORC): Prof. Rajendra Sahu

Dean of Students Affairs (DOSA): Prof. Joydip Dhar

- Associate Dean of Student Activities: Dr. Vinal Patel
- Associate Dean of Hostel Affairs: Dr. Vishal Vyas

Dean of Faculty Affairs (DOFA): Prof. K. K. Pattanaik

Dean of Planning and Development (DOPD): Prof. Gyan Prakash

- Associate Dean Digital Infrastructure: Dr. W Wilfred Godfrey
- Associate Dean Physical Infrastructure: Dr. Somesh Kumar
- Associate Dean Institute Services: Dr. Manoj Kumar Dash

HEAD OF DEPARTMENTS

Dr. Vivek Tiwari
Department of Computer Science & Engineering

Prof. Mahua Bhattacharya
Department of Information Technology

Prof. Manisha Pattanaik
Department of Electrical and Electronics Engineering

Prof. Manoj Patwardhan
Department of Management Studies

Dr. Ajay Kumar
Department of Engineering Sciences

REGISTRAR

Mr. K. K. Tiwari, Email: registrar@iiitm.ac.in, Phone. No.:

JOINT REGISTRAR

Mr. Pankaj K Gupta, Email: registrar@iiitm.ac.in, Phone. No.: 9340308194

DEPUTY REGISTRAR

Dr. Gopal Singh Jadon, Email: gaurav@iiitm.ac.in

ASSISTANT REGISTRAR

Mr. Anil Kumar Garg
0751-2449737, anilg@iiitm.ac.in

Mr. Sandeep Upadhyay
0751-2496104, sandeep@iiitm.ac.in

Mr. Vishvambhar Jakhar
9652221063, vjakhar@iiitm.ac.in

Mr. S.K. Soni
0751-2449708, ssoni@iiitm.ac.in

Dr. Ekta Sakwar
0751-2449815, ekta@iiitm.ac.in

Mr. Vineet Surana
9073304902, vineet@iiitm.ac.in





Academics

BTECH ● **MBA** ◆ **IPG (B.TECH. + M.Tech)** ✨
MTECH ■ **PHD** ○ **IPG (B.TECH. + MBA)** ⊕

DEPARTMENTS

Computer Science and Engineering ● ■ ○

Engineering Sciences ● ○

Information Technology ■ ✨ ○

Management Studies ◆ ⊕ ○

Electrical and Electronics Engineering ● ■ ○



4th CONVOCATION

The Institute hosted its 4th convocation on July 13, 2023. Honorable President of India, Smt. Droupadi Muru was the Chief Guest on the occasion. The Honourable Governor of Madhya Pradesh, Shri Mangubhai C. Patel, along with the Honourable Chief Minister of Madhya Pradesh, Shri Shivraj Singh Chouhan, and Honourable Shri Jyotiraditya Scindia, the Union Minister of Civil Aviation, Steel, Government of India were the Special Guests.



Dr. Anil Kakodkar, Former Chairman of Atomic Energy Commission, was the Guest of Honorable BoG Chairman Deepak Ghaisas, Honorable Director Prof. S. N. Singh, Members of Senate, Deans, HoDs, Professors, Members of BoG, and the registrar were also present in the event. A total of 9 PhD students, 30 M.Tech. students, 163 IPG students, and 75 B.Tech. students received their degrees in the convocation.

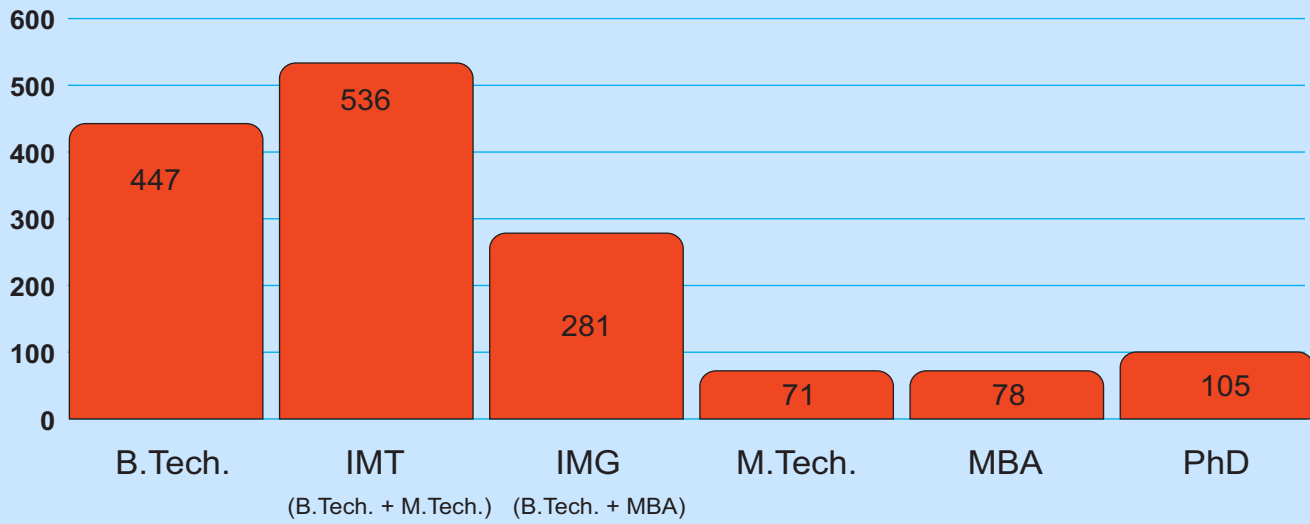
5th CONVOCATION



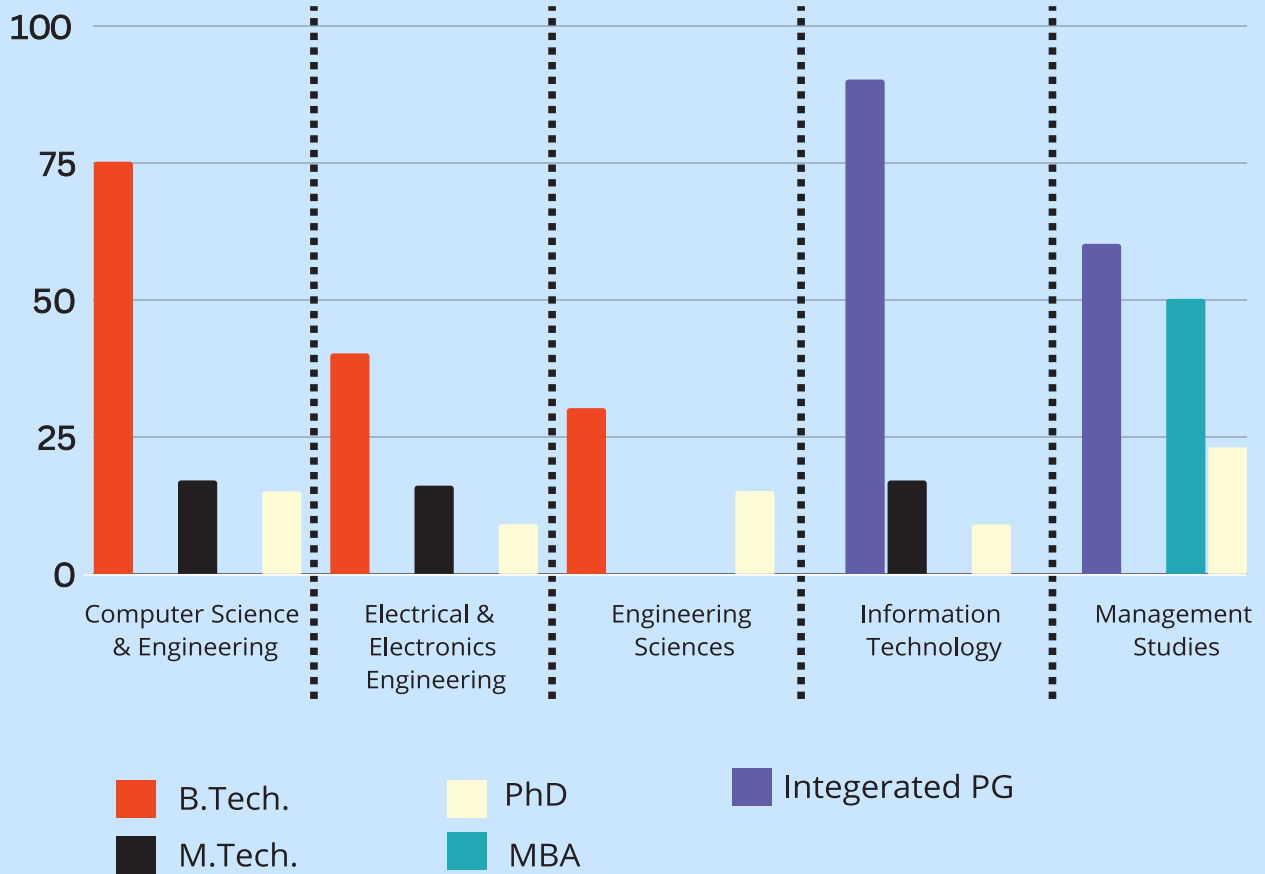
ABV-IIIITM Gwalior hosted 5th Convocation on July 10, 2024, through a heartwarming ceremony. In the 5th convocation, the institute will confer 291 Degrees: 77 B. Tech. (CSE) students, 116 Integrated PG (B. Tech. + M. Tech.) and 52 Integrated PG (B. Tech. + MBA) students, 14 M. Tech. and MBA students, and 12 PhD students. This year, 13 lateral exist students as per NEP 2020 will get BTech (IT) degree. This convocation will witness two DSc (Honoris Causa) degrees given to Dr VK Saraswat Ji and Mrs Sudha Murty. Out of 291-degree recipients, 46 are girl students. In this convocation, five students will get the institute gold medal, and two will get the Sitaram Jindal gold medal.

The Honorable Chief Guest, Shri Anand Deshpande ji, Founder and CMD Persistent Systems, Dr. VK Saraswat Ji, Member Niti Aayog as Guest of Honor, Prof. Mukul Sutaone, Director of IT Allahabad as Guest of Honor, Members of the BoG, Senate, Deans, Faculty Members, and Students of the Institute attended the convocation ceremony. Shri Anand Deshpande ji motivated the graduating students to dream big and lead the India of the future. Prof S. N. Singh, Director, ABV-IIIITM Gwalior, congratulated all the degree recipients and gave a brief overview of the Institute activities and achievements during the year.

PROGRAMME-WISE SUMMARY OF STUDENTS AT ABV-IIITM Gwalior



DISTRIBUTION OF STUDENTS ACROSS DEPARTMENTS AMONG THE ENROLLING BATCHES OF 2024



Department of Computer Sciences & Engineering

About the Department

The Institute has been educating India's computing professionals for the past two decades as various academic programs have been offered from its inception. The undergraduate programme in Computer Science and Engineering was started in 2017. Following the creation of departments in the Institute, the department of Computer Science and Engineering was established in August 2022. Along with the UG programme, the department offers a postgraduate programme in the field of Information Security. The students are encouraged to carry out projects in niche areas including Information Systems, Computer Vision, Computer Networks and Software Engineering, as well as specializations in emerging areas of importance such as cloud computing, artificial intelligence, blockchain, machine learning and data analytics.

The department has a mix of young and experienced senior faculty members specializing in a wide spectrum of research and teaching areas. The department is in the process of developing state-of-the-art laboratories to cater to the needs of the curriculum. Although at its nascent stage, the department is rapidly evolving to both industrial and academic requirements. Consequently, the department attracts brilliant students who are industry-ready at the end of their respective programmes.

Vision

Global excellence in Computer Science and Engineering education and research as a valuable resource for industry and society adapting to the demands of the persistently changing digital world.

Mission

- To provide in-depth knowledge through effective pedagogies and practical exposure using the latest tools and technologies in the discipline of computer science and engineering.
- To advance academics by performing state-of-the-art research and providing industry-oriented undergraduate and postgraduate programs in the discipline of computer science and engineering.
- To nourish and imbibe human values and excellence, equipping young minds to utilize their creativity and passion in serving the global community's needs.

Programs offered by the department: B.Tech. (CSE), PhD, and M.Tech. (Information and Cyber Security)

Head of the Department



Dr. Vivek Tiwari

Associate Professor, Ph.D. (MANIT Bhopal)

Address: Block V - 217

Email: hodcs@iiitm.ac.in, vivektiwari@iiitm.ac.in

Faculty Members of the Department



Prof. Shashikala Tapaswi,
Professor, Ph.D. (IIT
Roorkee)
Address: Block V - 116
Email: stapaswi@iiitm.ac.in



Prof. Pramod Kumar Singh,
Professor, Ph.D. (IIT
Kharagpur)
Address: Block V- 210
Email: pksingh@iiitm.ac.in



Dr. W Wilfred Godfrey,
Associate Professor, Ph.D. (IIT
Guwahati)
Address: Block V - 201
Email: godfrey@iiitm.ac.in



Dr. Santosh Singh Rathore
Assistant Professor, Ph.D. (IIT
Roorkee)
Address: Block V - 115
Email: santoshs@iiitm.ac.in



Dr. Debanjan Sadhya,
Assistant Professor, Ph.D.
(IIT-BHU)
Address: Block V -107
Email: debanjan@iiitm.ac.in



Dr. Amrendra Singh Yadav
Assistant Professor, Ph.D.
(MNNIT Allahabad)
Address: Block V - 208
Email: asy@iiitm.ac.in



Prof. Anupam Shukla (On Lien)
Professor, Ph.D. (NIT-Raipur)
Phone: +91-9575048000
Email: anupamsha@iiitm.ac.in



Prof. Karm Veer Arya,
Professor, Ph.D. (IIT-Kanpur)
Office Phone: +91-751-2449830
Address: Block V - 110
Email: kvarya@iiitm.ac.in,



Dr. Saumya Bhadauria,
Assistant Professor, Ph.D. (IIT
Indore)
Address: Block V - 106
Email: saumya@iiitm.ac.in



Dr. Avadh Kishor
Assistant Professor, Ph.D. (IIT
Roorkee)
Address: Block V - 209
Email: akishor@iiitm.ac.in



Dr. Narinder Singh Punj
Assistant Professor, Ph.D. (IIIT
Allahabad)
Address: Block V - 207,
Email: nspunj@iiitm.ac.in



Dr. Deepak Kumar Dewangan
Assistant Professor, Ph.D. (NIT-
Raipur)
Address: Block V - 214,
Email: deepakd@iiitm.ac.in

Adjunct Faculty Members of the Department



Dr. Krishna Murthy Bulusu
Affiliation: Former Senior
Director & Group Head (R&D),
Ministry of Electronics and IT,
Govt. of India, New Delhi
Email: bkm@meity.gov.in



Dr. Y N Srikant
Affiliation: Professor
Department of Computer
Science and Automation, IISc
Bangalore.
Email: srikant@iisc.ac.in



Dr. Ashok Chandra
Affiliation: Former Wireless
Advisor, Govt. of India, New Delhi.
Email: drashokchandra@gmail.com

Labs in the Department

- Secured Computing Lab
- Computational Intelligence and Data Mining Lab
- Multimedia and Information Security Lab
- Generic Computing Lab
- Machine Vision Lab



Department of Engineering Sciences

About the Department

Knowledge in basic and Engineering Sciences is an essential ingredient of any professional career. Department of Engineering Sciences of ABV-IIITM, Gwalior aims to fulfil this by fostering the fundamental principles and understanding of Engineering science that are capable of enhancing the students overall learning experience and personality development.

The Department of Applied Sciences was established in July 2022; however, it is renamed as Department of Engineering Sciences in June 2023. The Engineering Sciences faculties are teaching and doing research in this institute since 2006 with a clear motive to equip the engineering students with fundamental and engineering concepts of Physics and Mathematics. The Department is running B.Tech. (Mathematics and Scientific Computing)- 4-year program and PhD programs in Engineering Sciences (Physics & Mathematics) and other related areas to produce high quality researchers in several niche areas of Computational and Engineering Sciences.

The department has a team of highly acclaimed researchers as the faculty members having broad research areas. The department has carried out and completed successfully a large number of sponsored research projects funded by national (DST, DST-SERB, DRDO, MHRD, CSIR) and international organizations. The department has developed several state-of-the-art UG and PG labs and research labs for performing high-end research. Department is closely working with various international collaborating partners from USA, UK, Germany, Japan, Denmark, Ireland and other countries in several research areas of mutual interest. The faculty members of the department have been recognised by various academic bodies within and outside India and have published many research papers in international peer reviewed journals of repute.

Vision

To develop a strong scientific foundation of Engineering Sciences to pursue a successful engineering career.

Mission

- To inculcate ability and proficiency in the students in the field of basic and engineering sciences so that they can apply these fundamentals in real world applications.
- To introduce the students with novel innovations and cutting-edge technologies.
- To establish Centre of Excellence in niche areas.
- To promote and strengthen R & D programs with other technical institutions in India and abroad.

Programs offered by the department: B.Tech. (Mathematics & Scientific Computing), and PhD.

Head of the Department



Dr. Ajay Kumar,

Associate Professor, PhD (IIT Roorkee)

Address: Block II-112, Block II-106

Phone: +91-751-2449624

Email: ajayfma@iiitm.ac.in, hodas@iiitm.ac.in

Faculty Members of the Department



Prof. Joydip Dhar,
Professor, PhD (IIT-Kanpur)
Address: Block II-116
Phone: +91-751-2449829
Email: jdhar@iiitm.ac.in



Dr. Anurag Srivastava,
Professor, Ph.D.(Barkatullah
University, Bhopal)
Address: Block II-110
Phone: +91-751-2449826
Email: anurags@iiitm.ac.in



Dr. Pankaj Srivastava,
Professor, PhD (Central
University of Allahabad)
Address: Block II-101
Phone : +91-751-2449814
Email: pankajs@iiitm.ac.in



Dr. Anuraj Singh,
Associate Professor, PhD (IIT
Roorkee)
Address: Block II-115
Office Phone: +91-751-2449831
Email: anuraj@iiitm.ac.in



Dr. Jeevaraj S,
Assistant Professor, PhD (NIT
Tiruchirappalli)
Address: Block II-109
Phone : +91-751-2449746
Email: jeevaraj@iiitm.ac.in



Dr. Pragya Shukla
Assistant Professor, PhD (IIT
BHU, Varanasi)
Address: Block II-107
Email: pragya@iiitm.ac.in



Dr. Kapil Kant
Assistant Professor, PhD (IIT
Kharagpur)
Address: Block II-108
Email: kapil@iiitm.ac.in



Dr. Purnedu Mishra
Assistant Professor, PhD (NIT
Raipur)
Address: Block II-217
Email: pmishra@iiitm.ac.in



Dr. Anuwedita Singh
Assistant Professor, PhD (IIT
(BHU), Varanasi)
Address: Block II-215
Email: anuwedita@iiitm.ac.in

Adjunct Faculty Members of the Department



Dr. Prawal Sinha
Affiliation: Former Chairman,
Dept. of Math & Stat and
Former Dean – Student's
Affairs, IIT Kanpur
Email: prawal@iitk.ac.in



Dr. Karmeshu
Affiliation: Ex-Professor, School
of Computer and Systems
Sciences (SC&SS), Jawaharlal
Nehru University, New Delhi
Email: karmeshu@snu.edu.in

Labs in the Department

- Materials Synthesis and Sensor Design / Environmental Science Laboratory
- Environmental Science Laboratory (ESL)
- Nano-Fluid Experimental Laboratory (NFEL) / Quantum Computing Laboratory
- Engineering Physics Lab
- Engineering Physics Lab (Dark Room)
- Mathematics Modeling & Simulation Laboratory
- Computational Laboratory (Advanced Material Research Group)
- Computational Nanomaterials Research Laboratory (CNRL)
- Mathematical Biology & Data-Driven Dynamical Systems Lab (MB & DDDSL)
- DRDE Project Lab Conference / Seminar hall Department of Engineering
- Generic computer lab (Contest Purpose)



Department of Information Technology

About the Department

Initially started as Indian Institute of Information Technology and Management (IIITM) in 1997, this institute was prefixed with ABV in 2002 to honour the then Prime Minister Atal Behari Vajpayee. As part of organizational restructuring process, in August 2022 four departments were carved out and Information Technology (IT) is one among those. Department of IT is housed in Block-A with adequate facilities to cater the needs of all its stakeholders.

The current information age is enabled by the interconnection of millions of electronic computers (desktop, laptop computers and sophisticated mobile phones, embedded devices etc.) and is the key driver for the global economy. Information digitization revolutionized the way information can be used in a decentralized manner at varying scale and variety of purposes for the societal good. This resulted in the emergence of several service and product-oriented IT industries employing millions of manpower drawn from different disciplines of engineering, technology, economics, sciences, management etc. to develop and maintain the IT infrastructure and applications. This branch of technology is thus become an indispensable arm of society that primarily deals with:

- Maintaining, troubleshooting of the interconnected computing machinery
- Development of software applications that run over the networked systems
- Maintenance of software systems for a glitch free operation
- Research on various IT systems and applications towards sophisticated IT systems
- Wireless communication and networks

Vision

To produce world class IT professionals, researchers, innovators, and entrepreneurs by enabling them to take up real life challenges.

Mission

- To offer high-quality UG and PG programs in IT field to enable our graduates to become leaders in their profession.
- To provide best infrastructure facilities to achieve excellence in teaching-learning process and research.
- To enhance students' knowledge in the latest technologies through various activities.
- To provide suitable forums for exhibiting creative talents of students and faculty members.
- To offer IT solutions by encouraging Industry-Institute interaction.

Programs offered by the department: IMT (B.Tech. + M.Tech. in IT), PhD, and M.Tech. (Wireless Computing & Networking).

Head of the Department



Prof. Mahua Bhattacharya
Professor, PhD(University of Calcutta)
Address: Block III-201, Block III-112
Office Phone: 751-2449828
Email: hodit@iiitm.ac.in, mb@iiitm.ac.in

Faculty Members of the Department



Prof. Aditya Trivedi,
Professor, PhD (IIT Roorkee)
Address: Block III-101
Phone: 0751-2459806
Email: atrivedi@iiitm.ac.in



Dr. Kiran Kumar Pattanaik
Professor, PhD (BIT-Mesra)
Address: Block III-117
Phone: 0751-2449626
Email: kkpattanaik@iiitm.ac.in



Dr. Rahul Kala
Associate Professor, PhD
(University of Reading, UK)
Address: Block III-118
Email: @iiitm.ac.in



Dr. Veena Anand
Assistant Professor, PhD (NIT Raipur)
Address: Block III-208
Email: veena@iiitm.ac.in



Dr. Sunil Kumar
Assistant Professor, PhD (IIT Guwahati)
Address: Block III-108
Office Phone: 0751-2449710
Email: snk@iiitm.ac.in



Dr. Mahendra Kumar Shukla
Assistant Professor, PhD (IIIT Allahabad)
Address: Block III-109
Email: mahendra@iiitm.ac.in



Dr. Anjali
Assistant Professor, PhD (IIIT Allahabad)
Address: Block III-106
Email: anjali@iiitm.ac.in



Dr. Vijaypal Singh Rathor
Assistant Professor, PhD (ABV-IIITM Gwalior)
Address: Block III-105

Adjunct Faculty Members of the Department



Dr. Sushil Kumar
Affiliation: DDG(IOT) TEC, DoT, New Delhi
Email: sushil.kumar20@gov.in



Dr. Sanjay K Bose
Affiliation: Professor Plaksha University, Punjab Ex-Professor Dept. of EEE, IIT Guwahati
Email: skbose@gmail.com



Dr. Jyotirmoy Karjee
Affiliation: Architect Samsung R&D Institute, Bangalore
Email: jyotirmoy.research.iisc@gmail.com

Labs in the Department

- Wireless Sensor Network lab
- Communication Systems and IoT lab
- Visual Information Processing lab
- Medical Informatics lab
- 5G Use Case Lab (funded by DoT)



Department of Management Studies

About the Department

The Department of Management Studies (DoMS), is an academic department of the ABV- Indian Institute of Information Technology and Management Gwalior. DoMS offers academic programmes such as PhD, MBA and Integrated Programme in Management with dual degrees of B.Tech, and M.B.A. DoMS also conducts training programmes such as Faculty Development Programmes (FDPs) and Management Development Programs (MDPs) to train early-stage faculty members and industry professionals across various functional areas of management. DoMS operates with a well-designed, information technology-intensive and industry relevant curriculum and operates in multi-disciplinary technological setting. DoMS aims to inculcate competencies necessary to address contemporary, complex and emerging business challenges.

Vision

To develop holistic and responsible leaders by creating insightful knowledge and transforming human endeavors through technology-enabled management solutions.

- Holistic leaders place systems thinking at the core of strategic thoughtfulness and effective resource management and require analytical skills to develop and choose among alternatives and empathy to understand and work responsively with others.
- Responsible leaders define, analyze, and make timely decisions.
- Leaders are able to develop a vision for the future and craft a course of action to achieve shared goals.

Mission

- To provide a conducive environment for diversity and inclusiveness.
- To nurture a research culture that fosters ground-breaking ideas, creativity and scholarship.
- To strive to achieve excellence in teaching and research.
- Committed to educating and developing leaders who create value for their stakeholders and society at large.
- To develop business leaders and entrepreneurs who create value and share and use knowledge to deliver equitable and sustainable futures around the world.

Programs offered by the department: IMG (B.Tech. in IT + MBA), PhD, and MBA.

Head of the Department



Prof. Manoj Patwardhan

Professor, PhD (Jiwaji University, Gwalior)

Phone : +91-751-2449817

Address: Block I -114

Email: manojp@iiitm.ac.in, hodms@iiitm.ac.in



Faculty Members of the Department



Prof. Rajendra Sahu
Professor, PhD (IIT
Kharagpur)
Phone : +91-751-2449804
Address: Block I -201
Email: rsahu@iiitm.ac.in



Prof. Gyan Prakash,
Professor, PhD (IIT Kanpur)
Phone : +91-751-2449834
Address: Block I -110,
Email: gyan@iiitm.ac.in



Prof. Naval Bajpai
Professor, PhD (Pt.
Ravishankar Shukla Uni.)
Phone : +91-751-2449819
Address: Block I -115
Email: nbajpai@iiitm.ac.in



Dr. Gaurav Agrawal
Professor, PhD (Bundelkhand
University, Jhansi)
Phone : +91-751-2449805
Address: Block I -106
Email: gaurav@iiitm.ac.in



Dr. Manoj Kumar
Associate Professor, PhD
(Berhampur University)
Phone : +91-751-2449805
Address: Block I -105
Email: manojdash@iiitm.ac.in



Dr. Vishal Vyas
Associate Professor, PhD
(Vikram University)
Phone : +91-751-2449750
Address: Block I -108
Email: vishal@iiitm.ac.in



Dr. Vinay Singh
Assistant Professor, PhD (IIT
Kanpur)
Phone : +91-751-2449836
Address: Block I -107
Email: vsingh@iiitm.ac.in



Dr. Arun Kumar
Assistant Professor, PhD (ABV-
IIITM, Gwalior)
Phone : 0751-2449739
Address: Block I -204
Email: arunkumar@iiitm.ac.in



Dr. Amandeep Kaur
Assistant Professor, PhD (NIT
Hamirpur)
Address: Block I -109
Email: amandeepkaur@iiitm.ac.in

Adjunct Faculty Members of the Department



Mr. Vivek Y kelkar
Cofounder, Co-founder at
Cosmopolitan Globalist,
Mumbai
Email: harish_suri@hotmail.com



Dr. Harish B Suri
Affiliation: Self Employed,
Academician & Consultant
(Teacher, Trainer, Consultant &
Coach), Navi Mumbai
Email: harish_suri@hotmail.com



Mr. Abhishek Sharma
Affiliation: Founder & MD, Beyond
Evolution Tech-Solutions Pvt Ltd
Email:
abhishek.sharma@beyondevolution.in

Labs in the Department

- Generic computational facilities.
- Software tools comprise of SPSS, AMOS, SYSTAT, STELLA, Primavera and L-Suite.



Department of Electrical & Electronics Engineering

About the Department

The Department of Electrical and Electronics Engineering is one of the major departments being created in 2022 to achieve the mission and vision of the institute. The Department is currently in its development phase and engaged in teaching, research and development in the areas of VLSI, SoC design, VLSI interconnects, AI Chip design, IoT devices, Real time embedded systems, Wireless communication, multimedia signal processing, power system and control and high frequency devices and communication systems. Currently, the department offers M.Tech. in VLSI and Embedded Systems and Ph.D. program in different areas such as VLSI, audio signal processing, digital image processing, wireless communication, antenna design, power system & control, and other allied areas. The faculty members of the department are also engaged in outreach activities by organizing workshops, faculty development programs, conferences, and academic collaboration. Further, many government-sponsored research projects are also being undertaken by the faculty members of the department.

Vision

To achieve Global excellence through Electrical and Electronics Engineering lifelong learning education in the Knowledge Economy.

Mission

- Teaching, research, and extension education in alignment with the new-age autonomous technologies and intelligent solutions.
- Design and development of integrative electrical, electronics and information and communication technology solutions with cross-functional perspectives.
- Nurturing, training, and skilling young minds for innovative electrical and electronics engineering real-time applications and solutions, and entrepreneurial mind set.
- To Provide cost effective solutions to the society.

Programs offered by the department: B.Tech. (EEE), PhD, and M.Tech. (IC Design and Technology)

Head of the Department



Prof. Manisha Pattanaik,
Professor, Ph.D. (IIT Kharagpur)
Address: Block IV -110
Phone: +91-751-2449812
Email: manishapattanaik@iiitm.ac.in, hodee@iiitm.ac.in

Faculty Members of the Department



Prof. Sri Niwas Singh
Director, Professor, Ph.D. (IIT Kanpur)
Phone : 0751- 2449801
Email: snsingh@iiitm.ac.in



Dr. Gaurav Kaushal,
Assistant Professor, Ph.D. (IIT Roorkee)
Address: Block IV -108
Phone: +91-751-2449633
Email: kaushalg@iiitm.ac.in



Dr. Irshad Ahmad Ansari
Assistant Professor, PhD (IIT, Roorkee),
Address: Block IV -214
Email: iaansari@iiitm.ac.in



Dr. Somesh Kumar,
Assistant Professor, PhD (IIT, Ropar)
Address: Block IV -210
Phone: +91-751-2449811
Email: somesh@iiitm.ac.in



Dr. Binod Prasad,
Assistant Professor, Ph.D. (NIT Durgapur)
Address: Block IV -109
Phone : +91-751-2449733
Email: binod@iiitm.ac.in



Dr. Vinal Patel,
Assistant Professor, PhD (IIT Gandhinagar)
Address: Block IV -107
Phone : +91-751-2449818
Email: vp@iiitm.ac.in



Dr. Pinku Ranjan,
Assistant Professor, PhD (IIT (ISM), Dhanbad)
Address: Block IV -101
Phone: +91-0751-2449741
Email: pinkuranjan@iiitm.ac.in



Dr. Alok Kumar Kamal
Assistant Professor, PhD (IIT Patna)
Address: Block IV -106
Email: kamal@iiitm.ac.in



Dr. Rakesh Chowdhury
Assistant Professor, PhD (IIT (ISM), Dhanbad)
Address: Block IV -208
Email: rakeshc@iiitm.ac.in



Dr. Praveen Kumar Singya
Assistant Professor, Ph.D. (IIT Indore)
Address: Block IV - 207
Email: praveens@iiitm.ac.in



Dr. Pragya Swami
Assistant Professor, Ph.D. (NIT Bhopal)
Address: Block IV -214
Email: pswami@iiitm.ac.in



Dr. Biswabandhu Jana
Assistant Professor, Ph.D. (IIT Kharagpur)
Address: Block IV -216
Email: pswami@iiitm.ac.in



Dr. Sandesh Jain
Assistant Professor, Ph.D. (IIT Indore)
Address: Block IV - 209
Email: sandesh@iiitm.ac.in



Dr. Gaurav Sharma
Assistant Professor, Ph.D. (IIT Jammu)
Address: Block IV -217
Email: gsharma@iiitm.ac.in





Dr. Gaurav Pandey
 Assistant Professor, Ph.D.
 (IIT Indore)
 Address: Block IV -116
 Email: gpandey@iiitm.ac.in

Adjunct Faculty Members of the Department



Er. Preet Yadav
 Honour: Affiliation: R & D SOC
 Technical Program Manager,
 NXP Semiconductors, Noida
 Email: preeti.yadav@gmail.com



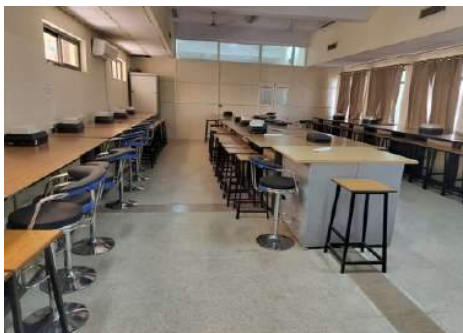
Dr. Sanjeet Kumar Dwivedi
 Honour: Affiliation: Member of
 Faculty Board, Innovation &
 Business, Southern Denmark
 University
 Email: sanjeet@alumni.iitd.ac.in



Dr. Surendra Pal
 Honour: Affiliation: Academy Professor,
 Academy of Scientific & Innovative Research
 (AcSIR) Former, Vice-Chancellor of Defence
 Institute of Advanced Technology (DIAT), Pune
 Email : pal_surendra@hotmail.com

Labs in the Department

- Fundamentals of Electrical and Electronics Lab
- Engineering Design Principles Lab
- Analog and Digital Electronics Lab
- IC Design and CAD Lab
- FPGA Prototype and Testing Lab
- Embedded System Lab
- Communication and Signal Processing Lab
- VLSI Interconnect Lab
- High Frequency Simulation Lab
- Chip to startup Lab



ADMISSION

- Admissions to all the IPG/M Tech/MBA programmes are made once in a year in as per the guidelines framed by MHRD, Government of India, from time to time. The admissions of foreign nationals and Indian students studying abroad to Engineering programs in Centrally Funded Institutions (CFIs) is being done under DASA (Direct Admission of Students Abroad) scheme.
- These admissions to the IPG/M Tech/MBA shall be made once a year on the basis of the entrance examinations as specified by the IIIT Council. The admissions to Ph.D programme shall be twice a year.
- Reservation shall be as per MHRD, Government of India, guidelines framed from time to time. Students shall pursue the respective programmes allocated to them at the time of admission.
- The number of admissions that can be made to any approved Programme of the Institute shall be as decided by the Senate from time to time. Reservation of seats for various reserved categories shall be as prescribed by the IIIT council.
- The eligibility requirements and frequency of admission to the M Tech (Two Year) and MBA (Two year) programmes as well as approved Postgraduate Programmes shall be decided by the Senate, taking into consideration any requirements that may be specified by the IIIT Council. The eligibility requirement for sponsored postgraduate candidates shall be decided by the Senate.
- Candidates studying in the final year of their qualifying degree may be considered for provisional admission to the M.Tech/MBA/PhD and other Postgraduate Programmes provided they satisfy all other essential eligibility and qualify the admission process requirements for admissions to such programmes prescribed by the Senate.
- The admission procedure for Postgraduate Programmes shall be as laid down by the Senate from time to time.
- The admission requirements and procedures for all categories of students shall be as laid down by the Senate.
- Every student, admitted provisionally to any Programme of the Institute, shall submit copies of the qualifying degree/provisional certificate and such other documents as prescribed by the Senate. These documents must be submitted by the prescribed date.
- The admission, provisional, of any student who either does not submit the required documents by the stipulated date or fails to meet any other stipulated requirement for admission can be cancelled by the Senate.
- The admission of any student may also be cancelled by the Senate, at any later date, if it is found that the student had supplied some false information or suppressed some relevant information while seeking admission.

- The Institute shall be open to persons of either sex and of whatever race, caste or class, and no test or condition shall be imposed as to religious belief or profession while admitting the students.
- The details of the curricula for various academic programmes are published in a separate document named "Courses of Studies" by the Institute. This brochure is a one-stop up-to-date curriculum for each admitted batch of students for every program. The syllabi of various subjects shall be published separately on website.

Registration

- The Senate shall lay down norms for registration for all categories of students.
- The semester registration in the Institute involves:
 1. Filling of the registration form /registering the academic courses online mentioning the courses to be credited in the semester/summer semester from among the courses offered by the Institute and the programme requirements specified in the curriculum, and
 2. Payment of fees and clearance of outstanding dues, if any.
 3. In case a student does not register in any semester his/her studentship will be automatically terminated. The termination may be revived by the director n written request and payment of the fee.

The entire responsibility for the semester registration rests with the student concerned.

- Before the commencement of each semester, every student, unless otherwise exempted by the Senate, shall register for the prescribed courses to be pursued during that semester on the registration date as specified in the Academic Calendar till the Degree requirements are completed in terms of credits completion. The registration for Summer Semester shall be subject to the conditions that may be laid down by the Senate.
- Payment of prescribed semester/summer semester fees, and all other dues outstanding against the name of the student to the Institute, the Hostels or any other recognized unit of the Institute shall ordinarily be a pre-condition for registration.
- For bonafide reasons, students may be permitted to register late in a semester on the date so prescribed in the Academic Calendar on payment of prescribed late registration fee. The Senate shall lay down the conditions and procedure for such late registration. Any other exceptional case of registration shall require approval of the Senate.
- The registration of any student may be cancelled or changed during the semester/ summer semester, partly or wholly, according to the norms laid down by the Senate.
- A letter grade shall be awarded in a course to a student only if the student is duly registered in the course at the time of the award of the letter grade.

- A list of courses to be offered during the semester shall be put up on the notice boards/website and will be made available to the Course Instructor. A student is normally permitted to register for six/seven courses per semester as per the IPG/M.Tech/MBA 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 18-25 credits per semester. The minimum credit requirement for each academic programme shall be determined by the Senate.
- 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, be permitted to take an overload based on the criteria set down by the senate. Similarly, 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. The programme for deficient student shall be framed on advice of the concerned faculty adviser.
- Cancellation of registration: Absence for a period of four or more weeks at a stretch or in total during a semester/summer semester 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.

Leave of Absence

- Absence during the semester shall be discouraged for all registered students. However, for bonafide reasons, a student may be granted leave of absence as per proviso made for such absence in the Ordinances.
- In case of semester leave/Temporary Withdrawal. no financial assistance will be allowed.
- Leave of absence beyond that provided in the Ordinances 5.1 to 5.2 may also be granted. However, such leave of absence shall entail loss of financial assistance, if any.
- Unauthorized absence (i.e., absence without due permission) may, result in termination of the student's programme by the Senate in addition to loss of financial assistance for the entire period of such unauthorized absence(s) or part thereof.



- Postgraduate students shall be entitled to the following leave of absence without loss of Financial assistance:
 1. Short Leave, Maternity leave/Paternity Leave (as per GOI norms).
 2. 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.
- Without prejudice to the provision made for leave of absence in the Ordinances, absence for a period of four or more weeks at a stretch, during a semester, shall result in automatic cancellation of the registration of students from the course(s) in that semester. However, award of partial credit of research units, if applicable, may be considered for such students.
- Students are expected to complete their Programme without any break. However, for bonafide reasons, students may be granted leave of absence from the Programme. But such absence(s) shall ordinarily not exceed two semesters with or without break, and this break will be counted towards the maximum course duration permitted for the said Programme.

Residence and Academic Requirements

- Residential Requirements: For all the full time courses, the students of all programmes are required to be present physically on regular basis till the course is completed / till the date of Thesis Viva for IPG/M.Tech/MBA programme.
- Each course is conducted by the course instructor (in some cases with the assistance of the teaching assistants/tutors). The course instructor 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 semester 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 instructor 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.

Teaching and Evaluation

- The medium of instruction shall be the English Language.
- Each course, along with its weightage in terms of units, shall require approval of the appropriate Standing Committee of the Senate according to the course approval procedures laid down by the Senate. Only approved courses can be offered during any semester/summer semester.
- Each approved course, whenever offered in any given semester, shall be conducted by the assigned Course-instructors with the assistance of the required number of teaching assistants/Tutors. The Instructor-in-Charge shall be responsible for conducting the course, holding the examinations, evaluating the performance of the students and awarding the grades at the end of the semester. The grades submitted by the Course Instructor may be put before the moderation committee appointed by the Senate. The final grades for a course shall be declared after the approval from the Chairman, Senate.
- The list of all courses to be offered by a department, during any semester/summer-semester shall be finalized, before the beginning of the semester/summer-semester by the concerned Head of the Stream/Division/Department, taking into consideration all the requirements and the recommendations of the Senate.
- The Course Instructors, Tutors (if any with course instructor) for all the courses to be offered by a department, during any semester/summer-semester, shall be assigned by the concerned Head of Department./Stream/Division.
- In each semester, there shall normally be one Mid-Semester Examination (called as “Minor examination”) and one End-Semester Examination (called as “Major Examination”). As far as possible, all the examinations shall be conducted during the announced examination periods.
- Students who fail to appear in any examination, due to bonafide reasons, may be permitted to appear in the Make-up Examination (called as “Re-minor examination/Re-major examination”) as per the procedures laid down by the Senate.
- The minimum credit requirements for various programmes shall be decided by the Senate. Normally, for five years IMT the credit requirement is of the order of 212-215, credits, 227-230 credits for IMG, 168 credits for B.Tech., 62 credits for M.Tech, and 78 credits for MBA.
- **Award of Grades:** The grade awarded to a student in a course, other than lab 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 one minor test and one major test. The distribution of weightage is to be decided and announced by the course instructor. 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 in Table.



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
F	0	Very Poor
I	-	Incomplete
NP	-	Audit Pass
NF	-	Audit Fail

- **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.

$$SGPA = \frac{\sum_{i=1}^n c_i p_i}{\sum_{i=1}^n c_i}$$

where c_i is the number of credits offered in the i th subject of a semester for which SGPA is to be calculated, p_i is the corresponding grade point earned in the i th subject, where $i = 1, 2, \dots, n$, are the number of subjects in that semester.

$$CGPA = \frac{\sum_{j=1}^m SG_j NC_j}{\sum_{j=1}^m NC_j}$$

where NC_j is the number of total credits offered in the j th semester, SG_j is the SGPA earned in the j th semester, where $j = 1, 2, \dots, m$, are the number of semesters in that course.

- 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. 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 the grades (as mentioned in Table)

- **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 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.
- A student is permitted to re-register only for the course, which he/she has undergone and in which he/she has secured an F, I or NF grade.
- The requirements for I Grade/NP/NF grades will be as per the criteria laid down by the Senate.
- 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.
 1. The audit requirements in terms of attendance and some minimal work shall be specified by the course instructor.
 2. 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).
- 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.
- The time limits for preservation of academic records shall be decided by the senate.
- The maximum time limit to complete the programme(s) like IPG (B Tech-IT+M Tech-IT)/MBA, B Tech, M Tech and MBA is proposed as follows:
 - (i) IPG – M Tech{B.Tech (IT) + M. Tech (IT)}: 5years + 2 years
 - (ii) IPG – M Tech{B.Tech (IT) + MBA}: 5years + 2 years
 - (iii) B Tech (CSE): 4 years + 2 years
 - (iv) B Tech (EEE): 4 years + 2 years
 - (v) B Tech (MC): 4 years + 2 years
 - (vi) M Tech (all branches) : 2 years + 2 years
 - (vii) MBA /MBA (BA) : 2 years + 2 years
- **Continuation to next year:** It is proposed that the registration for the 5th semester may be allowed only if the student have cleared all the courses of the I and II semesters, and the registration in 7th semester may be allowed only to those students who have passed the course of I, II, III and IV semesters. This will be applicable w.e.f. 2022 admitted batch.



- **Early Exit Options:**

For B.Tech. in Computer Science & Engineering

1. Exit after two semesters Certificate in Engineering Sciences
2. Exit after four semesters Diploma in Computer Science and Engineering
3. Exit after six semesters B.Sc. in Computer Science and Engineering
4. After eight semesters BTech. in Computer Science and Engineering

For 5 year Integrated M.Tech.

1. Exit after two semesters Certificate in Engineering Sciences
2. Exit after four semesters Diploma in Information Technology
3. Exit after six semesters B.Sc. in Information Technology
4. a. After eight semesters B.Tech. in Information Technology (for planned exit case)
b. After eight semesters B.Sc. (Honours) in Information Technology (for abrupt exit case)
5. Exit after ten semesters B.Tech. in Information Technology+MTech in Information Technology

For 5 year Integrated MBA

1. Exit after two semesters Certificate in Engineering Sciences
2. Exit after four semesters Diploma in Information Technology
3. Exit after six semesters B.Sc. in Information Technology
4. a. After eight semesters B.Tech. in Information Technology (for planned exit case)
b. After eight semesters B.Sc. in Information Technology+ One year Diploma in Management (for abrupt exit case)
5. Exit after ten semesters B.Tech. in Information Technology+MBA

For B.Tech. in Electrical & Electronics Engineering

1. Exit after two semesters Certificate in Engineering Sciences
2. Exit after four semesters Diploma in Electrical and Electronics Engineering
3. Exit after six semesters B.Sc. in Electrical and Electronics Engineering
4. After eight semesters BTech. in Electrical and Electronics Engineering

For B.Tech. in Mathematics and Scientific Computing

1. Exit after two semesters Certificate in Engineering Sciences
2. Exit after four semesters Diploma in Mathematics and Scientific Computing
3. Exit after six semesters B.Sc. in Mathematics and Scientific Computing
4. After eight semesters BTech. in Mathematics and Scientific Computing

Note: The Degree/Diploma is offered only after acquiring the prescribed credits for that programme.



- PhD Assistantship rule as: The PhD candidate will get the assistantship for a period of 4 years as per Gol norms. In case the candidate is not able to complete the work in 4 years, he/she may be paid 50% of the assistantship without any TA assignment for the 5 th year based on the recommendation of a committee duly constituted for the purpose. However, if a candidate requests for the full assistantship, he/she may be allowed but with TA assignment if a constituted committee recommends. In no case, the assistantship will be paid beyond 5 years.
- **Regulations in Respect of Use of Unfair Means in Examinations:** Examination is an important part of academic process. The Institute is committed to conduct fair and transparent examination. In this process, it is imperative that student also conduct himself/herself by observing a code of conduct. He/she is required not to adopt any unfair means during the examination process. In case a student is found adopting or suspected of adopting unfair means in the Examinations, penal action shall be taken by the Institute against the student as may be necessary and adequate to uphold the sanctity and integrity of the examination system and the credibility of the Institute.
 1. 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.
 2. A student whose guilt is established shall be dealt with under the provisions of the disciplinary regulations.

01.

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Strategy #02



Nature of Unfair Means and Associated Punishments

Types	S.No.	Nature of UFM Offence	Punishment/Penalty
A	1.	Student doesn't follow the instruction given by the Centre Superintendent /Invigilator.	Based on the severity of offense and written report of room Invigilator(s)/Flying Squad /Evaluator/Centre Superintendent, a warning will be issued to the student not to repeat in future. If repeated, the concerned Minor/Major subject exami will be awarded ZERO marks.
	2.	Student communicates with another examinee or tries to pass on information even after a word of caution from the invigilator(s) or any competent authority.	
	3.	Any sort of writing on the question paper except the personal data at the given space.	
	4.	Any examination relevant literature found near or just beneath his/her seat, but he/she has not copied from the said material as ascertained by Centre Superintendent/flying squad/Invigilator(s)/Evaluator.	
	5.	Student indulges in writing the matter relevant to subject before commencement of examination.	
	6.	Student's indecent behaviour at the examination centre or the examination hall.	
	7.	If the examinee is found in his possession notes, chits, answer book of any other examination materials; however, he/she has not written from the said material in his /her answer book.	
	8.	If examinee changes the seat without permission of invigilator/instructor.	

Types	S.No.	Nature of UFM Offence	Punishment/Penalty
B	1.	Use of indecent or abusing words in the answer book.	Concerned subject as whole will awarded "F" grade.
	2.	Possess any sort of relevant exam material in the examination hall or even outside the examination hall like toilet, lobby etc. or tries to contact any unauthorized person during the examination timing.	
	3.	Brings any non-smart electronic gadgets (except memory less scientific calculator if permitted in that paper) in the examination hall.	
	4.	Any sort of writing on the question paper regarding solution of the questions.	
	5.	If the examinee obstructs/threatens orally the invigilator(s) or any competent authority on exam duty.	
C	1.	If the examiner finds some written/printed papers, etc. of exam related material from the answer book of an examinee.	Cancellation of results of the Concerned subject and two other cleared subject/ passed subjects in which the student has secured the lowest grade except the subject in which student has UFM i.e. total three papers will be awarded "F" grades.
	2.	If the examiner reports that the examinee's answer book is written with more than one type of handwriting.	
	3.	If the examiner reports about missing pages or additional pages in the answer book of examinee.	
	4.	If the examinee attempts to bribe by way of keeping currency notes in his/her answer book.	
	5.	Attempts to bribe the examiner by mentioning address, contact detail, mobile no. etc. or to contact the examiner directly or through any representative for his/her favour.	





Types	S.No.	Nature of UFM Offence	Punishment/Penalty		
C	6.	Examinee has copied from another examinee or deliberately allows other examinee to copy from his own answer book or pass on the exam relevant material or literature in any form to another examinee in exam hall.	Cancellation of results of the Concerned subject and two other cleared subject/ passed subjects in which the student has secured the lowest grade except the subject in which student has UFM i.e. total three papers will be awarded "F" grades.		
	7.	Attempts to get rid of or to destroy any kind of exam relevant prohibited material with which he is caught or helps other in such an act.			
	8.	Examinee is found to throw away his answer booklet, question paper, practical job or part thereof in the examination hall.			
	9.	If examinee is found to have torn the answer booklet, question paper, any other exam related material or part of his/her own or other examinee.			
	10.	If the examinee obstructs the process of conducting the examination in any way.			
	11.	If the examinee tries to destroy the evidence by chewing the chit or in any other manner, which was found in his possession during examination.			
	12.	Examinee has indulged in exchange of answer book with another examinee.			
	13.	If examinee repeats anyone or several points of case-A and/or Case -B.			
	14.	Brings any smart electronic gadgets, e.g., watch, mobile, in the examination hall.			
	D	1.		If the examinee found with bulk material like book, notebook and short note etc, related to the concerned subject	Cancellation of result of the examinee of all the examination of registered courses in that concerned year (theory and practical) will be cancelled. (All the paper will be awarded "F" grade).
		2.		If the examinee obstructs/threatens orally or assaults the invigilators (s) or any competent authority on examination duty.	
		3.		Tries to bring duly written answer book or supplementary from outside prior to start of examination.	

Types	S.No.	Nature of UFM Offence	Punishment/Penalty
E	1.	If the examinee carries away an answer booklet, supplementary or practical job or part thereof outside the exam hall.	<p>Based on the severity of offense and written report of room invigilator(s)/Flying Squad/Evaluator/Centre Superintendent one of the following actions will be taken:</p> <p>Case 1: if the answer booklet is recovered in intact form within 15 minutes after the exam gets over. The concerned subject AND Two other cleared/passed subject in which the student has secured the lowest marks, will be awarded "F" grade.</p> <p>Case 2: if case 1 does not apply and the answer booklet is recovered in intact form after 15 minutes from the time when the exam gets over. ALL examination of registered courses in the concerned semester will be awarded "F" grade.</p>
	2.	If the examinee leaves the examination hall without submitting his/her answer book or tries to destroy it.	<p>Based on the severity of offense and written report of room invigilator(s)/Flying Squad/Evaluator/Centre Superintendent.</p> <p>ALL examination of registered courses in the concerned semester will be awarded "F" grade.</p>
	3.	If person impersonates as examinee and this fact is detected during or after the examination.	
	4.	If student is being helped by other student(s) of the institute or outsider and behaves in indiscipline manner during examination.	



Types	S.No.	Nature of UFM Offence	Punishment/Penalty
F	1.	Possesses Gun, Revolver, Knife or any other prohibited weapon in or around exam hall.	The result of the examinee of all the registered courses in that year or that years plus 1 more year will be cancelled (all the paper will be awarded "F" grade).
	2.	Physically assaulting invigilator or any competent authority on examination duty	
	3.	Physically assaulting examiner.	
	4.	If anyone is writing other's examination	
G	1.	If examinee is found UFM case in re-registered course	The UFM rule as stated in this table will apply on the course of the current semester.
H	1.	If during the examination or afterwards any examinee is found to have indulged in unfair means other than specified in clause A to G as above and which has been bearing on the examination or result of the examination and/or any other examinee.	The UFM Committee/ Exam Committee shall decide the penalty depending upon the nature/severity of offense, complexity of involvement of the examinee concerned and other reports, if any, on case-to-case basis.
I	1.	If a person is not appearing in that particular examination but student of other examination of the Institute/outside behaves in an indiscipline manner during particular examination or helps other examinee by using unfair means.	The personal helping the examinee will be punished as per decision of the Institute administration.
	2.	If a person is writing other's examination	
J	1.	Abnormal behaviour/threatens orally during the answer book showing	A disciplinary/inquiry committee will be formed to see on the case-to-case basis. The decision once approved by the competent authority will be final.
	2.	Indiscipline and/or plagiarism case during the BTech project/MTech thesis	
	3.	Abnormal behaviour/threatens orally during comprehensive examination.	

Note:

- 1) Anything which is not included in above cases, the decision of senate chairman will final.
- 2) The result of the student will be declared after implementing the decision of examination committee.



Conduct of Discipline

- Each student shall conduct himself, both within and outside the campus of the Institute, in a manner befitting a student of an Institute of National importance. No student is expected to indulge in any activity which tends to bring down the prestige of the Institute. Each student shall show due respect and courtesy to the faculty members, administrators, officers and employees of the Institute; and good neighbourly behaviour to fellow students. They should also pay due attention and courtesy to the visitors and residents of the campus.
- Lack of courtesy and decorum; unbecoming conduct (both within and outside the Institute); wilful damage or removal of Institute property or belongings of a fellow student; disturbing fellow students in their studies; adoption of unfair means during examinations; breach of rules and regulations of the Institute; noisy and unseemly behaviour and similar other undesirable activities shall constitute violation of the Code of Conduct of students.
- Violation of the Code of Conduct of students by any student, shall invite disciplinary action and may merit punishment, such as reprimand, disciplinary probation, fine, being debarred from examination, debarring the use of placement services, withholding of grades, withholding of degree, cancellation of registration and even dismissal from the Institute.
- The Warden of the concerned Hostel shall have power to reprimand or impose fine or take any other such suitable measure against any resident of the Hostel who violates either the rules and regulations or the Code of Conduct pertaining to the concerned Hostel.
- The Course Instructor of a course shall have the power to debar a student from the examination in which the student is detected to be using unfair means. The Course Instructor shall have the power to take appropriate action against a student who attempts to misbehave in the class.
- Ragging, in any form, is strictly prohibited and any violation shall be considered as a serious offence, leading to appropriate penal action as laid down from time to time by the institute. .
- The Senate may constitute a Standing Committee to investigate the alleged misdemeanour reported and recommend a suitable course of action. The Senate may also prescribe the procedure for dealing with the recommendations of this Committee. Violation of the Code of Conduct of students, by a student or a group of students can be referred to this Committee by any student/faculty/any other functionary of the Institute.
- In exceptional circumstances, the Chairman, Senate may appoint a Special Disciplinary Committee to investigate and/or recommend the action to be taken in case of any act of gross indiscipline involving a large number of students which may tarnish the image of the Institute.
- The case of a defaulting student recommended for dismissal from the Institute shall ordinarily be referred to the Senate for its final decision.





- A defaulting student who feels aggrieved with the punishment awarded may prefer an appeal to the Chairman, Senate stating clearly the reasons why the punishment should not be awarded. The Senate shall prescribe the procedure to process such an appeal.
- A student who is found guilty of some major offence may not be recommended by the Senate to the Board of Governors for the award of a degree/diploma/certificate even if all the academic requirements have been satisfactorily completed by the concerned student.

Anti Ragging Committee: ABV-IITM Gwalior has the following Anti Ragging Committee

Members	Role	Contact Information
Prof. Manoj Patwardhan	Chairman	9893454153
Dr. Gaurav Agrawal	Member	9407224004
Dr. Vinal Patel	Member	9586288218
Dr. Anjali	Member	8840348439
Dr. Kapil Kant	Member	9532897340
Dr. Veena Anand	Member	7587071023
Dr. R S Jadon, MITS, Gwalior	Member	9425122675
Dr. Vishal Vyas	Convener	9406501589

Institute Disciplinary Committee (IDC) : ABV-IITM Gwalior has the following IDC.

Members	Role
Prof. Aditya Trivedi	Chairperson
Dr. Vishal Vyas	Member
Dr. Veena Anand	Member
Dr. Vinal Patel	Member
Dr. Kapil Kant	Member
Mr. Amandeep Kaur	Member
Mr. Anil Garg, AR (F&A)	Member
Mr. Vineet Surana, AR (Academics)	Member
Mr. T S Koundal, JS (F&A)	Member
Dr. R M Khusro, IITM Gwalior	External Member

Institute Complaints Committee:

In compliance of Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act 2013 the following members look and enquire into the matters pertaining to prevention of sexual harassment of working female in the workplace.

Members	Role	Contact Information
Prof. Manisha Pattanaik	Chairperson	icc@iiitm.ac.in, manishapattanaik@iiitm.ac.in 0751-2449812
Prof. Mahua Bhattacharya	Member	mb@iiitm.ac.in 0751-2449828
Prof. Manjari Pandit, MITS, Gwl	Member	manjaree_p@mitsgwalior.in 0751-2409380
Mr. C P Singh, JR (Legal), IIT Kanpur	Member	singhcp@iitk.ac.in 0512-2592101
Dr. Gaurav Agrawal	Member	gaurav@iiitm.ac.in 0751-2449805
Dr. Binod Prasad	Member	binod@iiitm.ac.in 0751-2449733
Dr. Anuraj Singh	Member	anuraj@iiitm.ac.in 0751-2449831
Dr. Ekta Sakwar	Convener	ekta@iiitm.ac.in 0751-2449815

Graduation Requirements and Grant of Degrees

- An M.Tech./MBA student with a CGPA below 6.0 and PhD student below 7.0 is not eligible for graduation while a B.Tech. student has to clear all its subjects.
- A student shall be deemed to have completed the graduation requirements if the student has:
 1. Passed all the prescribed courses;
 2. Attained the minimum required CGPA;
 3. Satisfied the minimum academic and other requirements including residence requirements for the academic programme prescribed by the Senate;
 4. Satisfied all the requirements specified by the concerned stream/division/department, if any;
 5. Satisfied all the requirements specified by the Senate and the Ordinances.
- In addition, the student should have paid all the dues to the Institute, and should have obtained 'No Dues' clearance from various units as specified by the Senate, and, should have no pending case of indiscipline.
- A student who has completed all the graduation requirements shall be recommended by the Senate to the BOG for the award of appropriate Degree/Diploma in the ensuing Convocation. A Degree/Diploma can be awarded only after the Board has approved the award of the Degree/ Diploma.
- Under exceptional circumstances, where gross violation of the graduation requirements is detected at any later stage, the Senate may recommend to the Board of Governors to withdraw the Degree/Diploma, already awarded.

Scholarships, Prizes, Medals, and Financial Assistance

- Merit-cum-Means scholarships (51 Nos.), Freeships, Prizes, and Certificates of Merit shall be awarded to students according to the rules laid down by the Senate.
- Scholarships and freeships are liable to be withdrawn, partially or wholly, in case of misconduct, deliberate concealment of material facts and/or supply of false information.
- Students leaving the Institute on their own accord without completing the programme of study may be required to refund the amount of scholarship as per the rules of the Institute.
- No student can receive two scholarships simultaneously.
- Scholarships will not be paid after the date by which a student completes all the prescribed requirements of an academic programme.
- To promote and recognize academic excellence, constructive leadership and overall growth and development of students, the Senate shall award Prizes/Medals/Scholarships to be instituted either by the Institute or through endowment /grants of donors. The norms and conditions for the institution of such Scholarships/ Prizes/Medals shall require approval of the Board of Governors.
- Indian Nationals who are admitted as non-sponsored, regular, full-time postgraduate students shall be eligible for financial assistance according to the norms approved by the Board of Governors and by the Ministry of Human Resource Development.
- Postgraduate students can also receive financial assistance/stipend from government, public sector organizations, private industrial and commercial organizations, and research/consultancy schemes of the Institute.
- The institute will provide a support of up to Rs 10,000/- (on reimbursement basis) once in program for B.Tech/IPG/M.Tech & MBA students for paper presentation in international conference.

Internship Rules

The following rules/provisions in the curriculum to allow students for the internship in the aforementioned programmes.

A. Prerequisites to make internship feasible for the B. Tech., IPG -M.Tech. and IPG - MBA Final semester

1. The students shall be allowed to choose a course of his/her choice from the MOOCs or equivalent with the due approval from the institute in lieu of the elective courses of the B. Tech. and M.Tech. final semester. Such approvals should be based on the recommendations of the duly constituted Academic committee for the purpose.
2. The students are required to successfully complete the above course in the same academic year, i.e., either in the prescribed semester or in the previous semester.

B. Eligibility Criteria/Entitlement

A student from 5-year IPG -M.Tech. IX / 5-year IPG - MBA IX / 4-year B. Tech. (CSE,EEE, and M&SC) VII / 2-year M. Tech. III semester is eligible to apply for the internship in India or research internship abroad provided he/she satisfies the following criteria:

- (i) The student is essentially required to register in the internship semester.
- (ii) The student should not have any backlog in any subject in the previous semesters.
- (iii) The student should not have any disciplinary action pending against him/her.
- (iv) The student should not have any financial dues against him/her.
- (v) A student is entitled to internship only once during his/her academic programme, i.e., either in the summer or in the last semester. The students who are not going for summer internship are required to do thesis work during that time.
- (vi) The student is not entitled to the institute scholarship during the period of internship.
- (vii) The student is required to vacate his/her hostel room if he/she is proceeding on the internship in the last semester.

C. Internship in India/Abroad (Rules/Guidelines)

- (i) A student from 5-year IPG - M. Tech. IX / 5-year IPG - MBA IX / 4-year B. Tech. (CSE, EEE, and M&SC) VII / 2-year M. Tech. III semester is eligible for the internship in India in the next semester provided he/she satisfies the eligibility criteria mentioned in Section B.
- (ii) Application form for the internship (refer to the enclosed Annexure-I) duly filled and forwarded by the supervisor(s) needs to be submitted to the institute academic office, at least four working days in advance before the commencement of the internship for the required prior permission and approval by the duly constituted Academic committee and Internship committee.
- (iii) Joint supervision by the institute faculty and an industry expert/ a faculty member in the CFTIs is also permissible, provided the industry expert possesses minimum Post Graduate qualification and 5+ years' experience.
- (iv) The student needs to submit a joining report through the ABV-IIITM Gwalior supervisor(s) with brief write up of the internship programme / project duly forwarded by his/her mentor from the industry / faculty member in the CFTI to the institute academic office within the seven working days after the commencement of the internship.
- (v) The last semester internship for 5-year IPG - M. Tech. will be evaluated for four credits (i.e., ITIT-5101), for 5-year IPG – MBA it will be evaluated for an audit course (i.e., IMMIG-4993), and for 4-year B. Tech. (CSE) it will be evaluated for fifteen credits (BCCS-4999). In case of 2-year M. Tech. programmes, the internship will be evaluated for four credits and these credits will be carved out of the thesis credits of the end semester.
- (vi) A 5-year IPG student, who does not go for internship in either summer or X semester, shall do a mini project of four credits or an audit course as the case may be, in the X semester along with his/her Major Project Part-II for evaluation towards the course Colloquium Based Summer Internship (ITIT-5101/IMMG-4993).
- (vii) Submission and evaluation of the thesis and the internship/project report: There will be two evaluations at the end of the final semester in order to complete the program. The first evaluation will be based on the submission and presentation of the thesis work and second will be based on the internship/project report submission and presentation. The grades will be awarded separately.
- (viii) The midterm assessment of internship progress will be conducted offline for students interning within India and online for those interning outside India.
- (ix) For students proceeding for an internship, the credit for internship and thesis or project for BCS students shall be divided as 5 and 10, respectively.

D. Research Internship Abroad (Rules/Guidelines)

(i) This part/duration of the thesis work will be known as Research Thesis Part- II

(ii) All students from 5-year IPG - M. Tech. IX / 5-year IPG - MBA IX / 4-year B. Tech. (CSE, EEE, and M&SC) VII / 2-year M. Tech. III semesters are eligible for the Research Internship abroad in the next semester.

(iii) The application form for the internship duly filled and forwarded by the supervisor(s) needs to be submitted to the institute academic office at least fifteen days in advance before the commencement of the internship for the prior permission and approval by the duly constituted Academic committee and Internship committee.

(iv) The student needs to submit a joining report through the ABV-IIITM Gwalior supervisor(s) with a brief write-up of the research work duly forwarded by the foreign supervisor/mentor to the institute academic office within seven working days after the commencement of the internship.

(v) At the end of the semester, the foreign supervisor/mentor should submit an evaluation report (award of the grade).

(vi) In case the foreign supervisor does not submit an evaluation report, an institute evaluation committee will evaluate the research work and award the grade.

It may kindly be noted that the above internship rules have been formulated to allow students for the internship in their academic programme and to keep the total number of credits and components unchanged as prescribed in the curriculum June 2019.

Rules for Branch Change

The option for branch change is given to the second-year meritorious students ABV-IIITM Gwalior. The change of branch among the students having similar eligibility qualification may be allowed based on merit of B.Tech. (CSE, EEE, and M&SC)/IMT/IMG first year examination as per following rules:

Branch change option shall be allowable upon the consideration of academic merit at the end of the first year (I & II Semester), after taking into consideration the conduct of the student AND shall be independent of the category of the student. No reservation rules shall therefore apply under this option.

2. A notification to this effect shall be made by the Academic Section of the Institute, after the First-Year results of the B.Tech. (CSE, EEE, and M&SC)/IMT/IMG Degree Programmes are declared, and the desirous student shall have to apply for the same (in prescribed form given in institute website), to be considered for Branch Change option.

3. After change of branch the number of students in that branch should not fall below the sanctioned intake by more than 10% and should not go above the sanctioned intake. For this purpose, the intake refers to the total sanctioned intake in the class exclusive of students from DASA and Study in India schemes.

If fee waiver student applies for branch change and he is allotted new branch, then such student will have to forfeit the status of Fee Waiver given to him, and student will have to submit full fees from odd semester of second year onwards. However, the merit-cum-mean scholarship will continue in the new branch too.

4. The option for branch change is applicable for all those students who have registered in B.Tech. (CSE, EEE, and M&SC)/IMT/IMG first year and fulfil following conditions:

- Students should have passed their examinations (Semester-1 and -2) in one attempt (without any F-grade)
- Student should NOT have dropped any course of the first year.
- Student must have scored a CGPA greater than or equal to 8.00, based upon all the prescribed Credits for the respective first year.
- Conduct of the student in the first year at the Institute should be blemish free.

5. Maximum number of students permitted to change the branch shall be top 10% of the students' sanctioned intake in first year in their respective branch as per clause 3.

6. Branch change in second year shall be strictly in accordance with the branch merit list prepared by the Institute based on cumulative grade point average (CGPA) obtained by a student in the first year.

7. In case of "tie" of first year CGPA, the decision shall be taken based upon the Common Rank List (CRL) of the students concerned in the qualifying entrance examination (presently the JEE Mains Examination), based upon which the initial admission was granted into the B.Tech. (CSE, EEE, and M&SC)/IMT/IMG Degree Program. Student having rank higher than the other shall be given the option first. (e.g., between the CRLs 2451 and 2651, the rank 2451 is treated as the higher rank).

8. Branch change in second year shall be made only against clear vacancy (due to failure in first year, cancellation, withdrawal, etc. of admission in first year) in a particular branch. After branch change, the intake must not be more than the approved intake.

9. The branch change is not permitted for B.Tech. (CSE, EEE, and M&SC)/IMT/IMG first year students, after the last date of notification from academic cell about the closure of admission process.

10. Option shall be deemed to have been availed off once the acceptance to that effect has been submitted by the student to the Academic Section. Option thus availed off is irreversible.

11. Applying for a branch change option does not guarantee of being allowed the change.

12. The consent of the parents is required in the prescribed form meant for the purpose (given in institute website).



Rules for Conversion of Regular M.Tech. to Regular Ph.D

Students who have been admitted to 2-years M. Tech. Programme through GATE and having 75% marks or equivalent CGPA/CPI at B. Tech./B.E. degree. The other requirements/conditions are as follows.

1. Only students with CGPA > 8.00 on a 10-point scale with no pending backlogs and who have completed a minimum of 2 semesters and required credits in M. Tech. programme will be eligible to apply for the change to the Ph.D. programme.
2. The student will be eligible for a Ph.D. stipend only from the time he/she is approved for enrolment as a Ph.D. student and for a duration as specified in ABV-IITM Ph.D. ordinance. M. Tech. duration will be counted in such calculation. Such a student for Ph.D. credit requirement, may be treated as if he/she had joined the Ph.D. programme afresh following the rule ad norms mentioned in ABV-IITM Ph.D. ordinance.
3. A formal application must be made by the student for converting to Ph.D. Programme. Recommendation of thesis supervisor is mandatory. Student cannot change the supervisor at the time of conversion.
4. A student converted for Ph.D. programme will be governed by ABV-IITM Ph.D. ordinance amended and updated time to time.

Award of Degree:

Upon completion of all requirements and on the recommendation of the Senate and with the approval of the Board of Governors of the institute, Ph.D. degree will be awarded. It must be noted that after conversion from M. Tech. to Ph.D. degree programme, M. Tech. degree will not be awarded.

Rules for Conversion of Regular PhD to Part-time or External PhD

There are several cases where the student gets a job and leaves the Ph.D. mid-way through the program. It is also seen that due to the stoppage of scholarship before completion of the Ph.D. program, the student leaves due to financial conditions and joins the job somewhere. Therefore, it is proposed that any regular student (institute or other sponsorship or project funded) who has cleared the comprehensive examination can opt for conversion to part-time students or external students subject to the recommendation of SRC and approval of the Chairman, Senate. For external students, it is mandatory to have one supervisor from the parent organization where he is working/going to work. Both part-time and external students should physically register for the semester and appear in the semester evaluations.

Institute Health Policy

- If a student is not feeling well then he/she can visit or contact to institute health center between 6 am to 10 pm or can call to 0751-2449713.
- First aid boxes are made available and kept with the respective security guards of each hostel block.
- In case of emergency or during non-opening hours of health care center, student are requested to contact ambulance drivers whose duty chart and phone numbers are given in hostel notice board and institute website.
- In case a student is getting hospitalized, he/she can use the medical policy number given in institute website and contact TPC of respective hospital.
- For any other discrepancy, it is advised to students to contact Faculty in-charge of health care center.

Institute IT Policy

ABV-IIITM Gwalior is an apex institute dedicated to quality education and research in Information Technology and Management. The basic purpose of the Institute's Information Technology facilities 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 the 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.

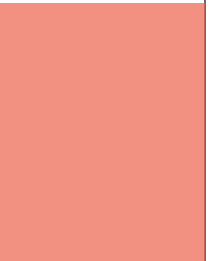
Minimum punishment for these activities is suspension of computer account for two weeks. In addition, financial fine may also be imposed.

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.





Fees for B.Tech., IMT, and IMG Students

S.No.	Particulars	B.Tech./IMT/IMG 2024 Batch						SII
		General /OBC-NCL /OBC	SC/ST	PwD	DASA CIWG	DASA SAARC	DASA Non - SAARC	
A	Institute Fees							
1	Tuition Fees	79000	0	0#	79000	US \$2000	US \$4000	USD \$3000 (SAARC) / USD \$4000 (Non-SAARC)
2	Examination Fees	1500	1500	1500	1500	1500	1500	
3	Library Fee	2000	2000	2000	2000	2000	2000	
4	Registration /Enrolment Fees	1000	1000	1000	3000	3000	1000	
5	Internet and Computer Charges	2000	2000	2000	2000	2000	2000	
6	Medical Facilities	1500	1500	1500	3000	3000	1500	
7	Cultural Activity Fee	1000	1000	1000	1000	1000	1000	
8	One Time Payments (at the time of admission only)	27250	27250	27250	31750	31750	31750	
	Total Institute Fee (A)§ :	115250	36250	36250	123250	USD \$ 2000 +INR 44250	USD \$ 4000 + INR 44250	USD \$3000 (SAARC)/ USD \$4000 (Non-SAARC)‡
B	Hostel Fees							
1	Hostel Room Charges	12000	12000	12000	24000	24000*	24000*	USD \$ 500
2	Hostel Mess Fee	18000	18000	18000	18000	18000	18000	USD \$ 500
3	Hostel Mess Security Deposit	5000	5000	5000	5000	5000	5000	
	Total Hostel Fee (B):	35000	35000	33000	47000	47000	33000	USD \$ 1000
	Total (A)+ (B) :	1,50,250	71,250	71,250	1,70,250	USD \$ 2000 +INR 91250	USD \$ 4000 + INR 91250	USD \$ 4000 (SAARC)/ USD \$ 5000 (Non-SAARC)

PwD Category for Integrated B.Tech.+ M.Tech. / MBA: The amount paid during JoSAA counseling is Rs 32500, and the balance in Part A will be Rs 72750.

* For DASA SAARC and Non-SAARC: Hostel charges will belong to Part A.

‡ Partial Admission Already Paid of USD \$500.

§ Partial amount will be received from JoSAA for regular 1-5 rounds. CSAB rounds joining amount will be calculated as per CSAB-2024 instructions (amount may vary) will be subtracted from Part A.



Fees for M.Tech., MBA, and PhD Students

S.No	Particulars	M.Tech.		MBA		PhD	
		General/OBC-NCL/OBC/ PwD	SC / ST	General /OBC-NCL/OBC/ PwD	SC / ST	General/OBC-NCL /OBC/ PwD	SC / ST
A	Institute Fees						
1	Tuition Fees	61000	0	80000	0	30000	0
2	Semester Fees (Examination)	1500	1500	1500	1500	1500	1500
3	Library Fee	2000	2000	2000	2000	2000	2000
4	Registration/ Enrolment Fees	1000	1000	1000	1000	1000	1000
5	Internet and Computer Charges	2000	2000	2000	2000	2000	2000
6	Medical Facilities	1500	1500	1500	1500	1500	1500
	Cultural Activity Fee	1000	1000	1000	1000	1000	1000
	Total Institute Fee (A) :	70000	9000	89000	9000	39000	9000
B	Hostel Fees						
1	Hostel Room Charges	12000	12000	12000	12000	12000	12000
2	Hostel Mess Fee	18000	18000	18000	18000	18000	18000
	Total Hostel Fee (B) :	30000	30000	30000	30000	30000	30000
C	One Time Payments (at the time of admission)	27250	27250	27250	27250	29250	29250
D	Hostel Mess Security Deposit	5000	5000	5000	5000	5000	5000
	Total (A+B+C+D)	1,32,250	71,250	1,51,250	71,250	103,250	73,250

Academic Calender (July-Dec 2024)

Events	Date
Last date for Branch Change for 2023 batch UG Students (application by email)	July 17, 2024 (Wed)
Reporting of new MBA + Ph.D. entrants at the institute	July 23, 2024 (Wed)
Registration of old Ph.D., M. Tech., MBA, IPG, and B. Tech. (CSE, EEE, MSC) students	July 24, 2024 (Wed)
Classes begin for Ph.D. scholars and M. Tech., MBA, IPG and B. Tech. (CSE, EEE, MSC) students, New MBA and PhD	July 25, 2024 (Thu)
Late Registration for all students IPG, MBA, MTech, & PhD with Penalty #	July 29, 2024 (Mon)
Last date for add/drop elective course(s) B Tech, IMT/IMG MTech and MBA (Before 2024-25 Batch)	Aug 07, 2024 (Wed)
Registration of B. Tech. and IPG new batch (2024-25)	Aug 12, 2024 (Mon) Tentative
Registration of new entrants of M. Tech. at the institute	Aug 13, 2024 (Tue) Tentative
Classes begin for B. Tech. and IPG new batch (2024-25)	Aug 14, 2024 (Wed) Tentative
Evaluation of Colloquium and Internship (ITIT-5101, IMIT-2999, MBMG-6993, and BCCS-4105) (Pre-Final & Final year students)	Aug 23 (Fri) – 24 (Sat), 2024
Evaluation of B. Tech. Project (ITIT-3999, and IMIT-3999) and Minor Project (BCCS-2999) (pre-final year students)	Aug 30 (Fri) – 31 (Sat), 2024
Mid-semester Examinations (Laboratory) [During laboratory class slots]	Sept 18 (Wed)–21 Sept(Sat), 2024
Mid-Semester Examinations (Theory)	Sept 23(Mon)–28 Sept (Sat), 2024
Application for re-mid-Sem examination (Theory and laboratory) *	Sept 30, 2024 (Mon)
Re-mid-Sem examination (For the cases of students who remained absent on medical ground and approved by competent authority) [Fee as per regulation of the institute]	Oct 03 (Thu) – 04 (Fri), 2024
Display / corrected answer scripts of mid examination marks for theory and lab courses	Oct 05, 2024 (Sat)
Mid semester evaluation of IPG/PG (M. Tech./MBA) Projects (Final year)	Oct 11 (Fri) – 12 (Sat), 2024
Mid semester break	Oct 27 (Sun) – 03 Nov (Sun), 2024
Collection of final feedback forms	Nov 13 (Wed) –19 (Tue), 2024
End-semester Examinations (Laboratory)	Nov 20 (Wed) –23 (Sat), 2024
End of classes	Nov 22, 2024 (Fri)
Display of attendance deficit students by Course Coordinator and intimation to the Academic Section	Nov 23, 2024 (Sat)
Display of pre-end-semester marks by course coordinators	Nov 23, 2024 (Sat)
End Semester Examinations (Theory)	Nov 25 (Mon) – Dec 03 (Tue), 2024
Application for Re-End semester examination (Theory and laboratory) *	Dec 04, 2024 (Wed)
Re- End-semester examination (For the cases of students who remained absent on medical ground and approved by competent authority) [Fee as per the regulation of the institute]	Dec 06 (Fri) – 07 (Sat), 2024
Major evaluation of IPG/PG (M. Tech. / MBA) Projects	Dec 09 (Mon) – 10 Dec (Tue), 2024
Progress report presentation of Ph.D. scholars	Dec 11 (Wed) – 16 Dec (Mon), 2024
Moderation of all grades by HoDs	Dec 16, 2024 (Mon)
Submission of grades to the Academic Section after moderation	Dec 17, 2024 (Tue)
Vacation (For Faculty members only)	Dec 20 (Fri)–31 Dec (Tue), 2024
Registration for even semester of B. Tech., IPG, MBA, M. Tech. and Ph.D students	Jan 01, 2025 (Wed)

*Only on the genuine/medical ground/approved by the Competent Authority, as per Institute norms

Refer to the notification ABV-IIITMG/DDAA/Notification/2022-23/28 dated 10 March 2023 for late registration



CAMPUS

OVERVIEW

Established in 1997, with a financial outlay of Rs. 61.0 Crores (the US \$14 million) for the first five years, the institute serves as a premier institution in the field of IT and management. Over the years the institute has been providing highly respected Techno-Managers to the IT industry doing various techno-functional roles with elan. The institute was accorded the status of deemed university in the year 2001. The institute campus is spread over 160 acres (0.65 km²) amidst a picturesque landscape in the foothills of the Gwalior Fort. The campus is self-contained and equipped with all the state-of-the-art facilities necessary for the all-round development of the student's personalities.

Infrastructure Statistics

Total Area	Hostels	Academic Blocks	Faculty Residence
160 (Acre) / 6,05,450.00 (Sqm)	BH 1 (Capacity:313)	Area (Sqm):3200 Sqm each block (A,B,C,D&E)	Quarter Type IIA: 8 Nos. - 1776 Sqm
72,480.00 (Sqm)(Area Constructed)	BH2 (Capacity:311)	...	Quarter Type IIB: 6 Nos. - 1110 Sqm
...	BH3 (Capacity:256)	...	Quarter Type III A/B: 24 Nos. - 3600 Sqm
...	BH4 (Capacity: 240)
...	GH (Capacity:237)

Student Hostels

Students including research scholars are distributed in four boys' hostels and one girls' hostel. Rooms are internet accessible and are sufficiently illuminated and ventilated. Bathrooms are fitted with geysers for supplying hot water as and when necessary. Filtered drinking water is available throughout day and night in these hostels. Each hostel is provided with a reading room, badminton court and table tennis board for the recreation of borders. Mess is of course an inseparable part of these hostels. Hostel residents are offered breakfast, lunch and dinner on all days including holidays. However, mess charges separately for food served during vacations. Doctoral candidates with families could be allotted separate quarters within the campus subject to availability. There are four boys' hostels [Aravali (BH-1): Nilgiri (BH-2): Shivalik (BH-3): Satpura and Srisailam (BH-4)] and one girls' hostel [Gangotri (GH)] in the campus with total occupancy of 1480.

Green circuits for walking inside the Campus

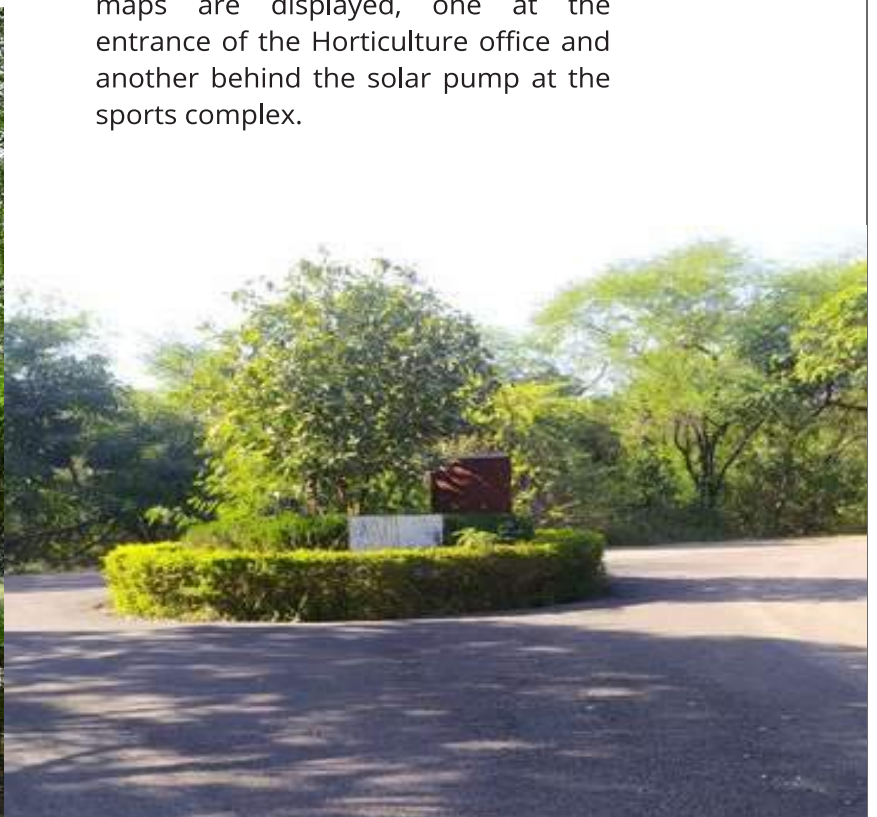
Butterfly Conservatory

This is located near Gate no.2 which is on the farthest western end of sector –A of campus. Initially funded by State Govt. and Institute, this place is meant, as the name suggests, for the conservation of butterflies. Efforts are made to facilitate the habitat and development of butterflies. Spread over an area of 5.25 Hectare, this area comprises a pond, mud-paddle, lotus pond, Mud-pots (Pitchers) to provide five kinds of scented water, 500 m long paved footpath with stone benches to have rest. When you walk at normal speed (approx. 4kmph) and complete one round on the pathway, approx. 30 calories will burn. This area is having thick plantation comprising plants details of which are enclosed.

Tree Museum

The campus has about 110 species of plants situated all over the campus of 150 acres. To have all species of plants in one place, the land between the sports complex and the Horticulture office, is being developed to have every plant that is available on the campus.

To facilitate walking, a paved path 660 m long has been constructed. Out of a total of 110 species of plants available in the campus, so far 45 species of plants exist in the tree museum. The plantation of trees is in progress. When walking along the path of 660 m. with a normal speed of 4kmph, approx 40 cal. energy will burn. Two guide maps are displayed, one at the entrance of the Horticulture office and another behind the solar pump at the sports complex.



Jamun Baug

This small garden is located on the eastern side of the girls' hostel. This park is developed as part of Hariyaali Mahotsav in 2014. It has 60 nos Jamun (Eugenia Jamboluna) trees planted in 2014. A 172 m. long paved path has been constructed to facilitate walking through the park.

Management Development Programme Center (M.D.P)

Management Development Programme (MDP) center is designed to conduct interviews, executive education seminars, and skill development workshops for working professionals, managers, and entrepreneurs. The MDP promises to be an enriching and rewarding experience for ABV-IIITM guests.



Visitor Hostel (VH)

Visitor Hostel is a facility provided by the institute to accommodate guests, dignitaries, and visitors who come to the campus for academic purposes, conferences, seminars, workshops, and other official events. The hostel is designed to provide a comfortable stay for visitors and is equipped with essential amenities to ensure a pleasant experience during their stay.

Solar Initiatives on the Campus

Item	Specification	Nos.	Remarks
Solar Powered submersible pump	Solar photovoltaic Array modules 300WpX6=1800 Wp, with manual tracking system, submersible DC pump, discharge 18,000LPD with 80 m. head. Total power: 8 KW	5	Water used mainly for horticulture but can supplement main supply in emergency.
Road side stud	Solar powered rechargeable, red colored LED light blinking in night.	400	Glows and blinks in night.
Solar water heaters	Solar heaters of 500 lit. capacity each.	26	Installed at 4 Hostels , MDP and IVH.
Electric driven cart	6 seater, Battery 48V: 25A	2	Batteries will be recharged by solar generated electricity.
Solar powered vehicle	The conventional car is being retrofitted .	2	Batteries will be recharged by solar generated electricity
Roof top grid connected solar power plant	500+ 200 Kw capacity	1+1	Under progress



Horticulture at a Glance

ABV-IIITM Gwalior comprises a total of 6,05,450 Sq. m. of land. As a result of a well-planned campus, buildings, parking places and roads are constructed only on 69,000 Sq.m. of land. This accounts for 11.39% of the total area. Remaining approx. 88.6% area is developed green by planting trees in a well-planned manner.

Gwalior city climate is extreme. Winter is very cold (up to 3 degrees C) and summer is very hot (up to 48 degrees C). Over to this rainfall is uncertain (average being 900mm). In such difficult weather, it is very difficult to grow different types of plants. Despite all such odds, Institute has successfully grown approx. 12000 nos of well-grown up trees of approx. 112 species. Some of the prominent species are Sita Ashok, Shahtoot, Kadamb, Gulmohar, Karanj, Peepal, Amla, Jungle Jalebi, Jamun, Kusum, Olive, Kainth, Bija sal. Mahua, Neem, shisham, Kachnar, Bargad, gular, Pakhar, Amaltas, Sagaun, Baheda, Arjun, Ber, Putranjiva, tulsi, satavar, ashwagandha, giloy, pathar chata, Hadjodi, etc. Almost all species are possessing medicinal properties useful to human being and purifying environment.

For watering the plants, 5 solar-powered submersible pumps are installed. A 4.5 kilometre long HDPE pipeline with 124 nos stand posts are exclusively for watering these trees, lawns and nursery.

Plant waste is collected regularly and dumped in pits made only for this purpose. There are 8 nos such dumping pits of aggregate capacity of 2,500cu.m. One for non-biodegradable garbage one for building rubbish and the remaining for bio-degradable waste. The dumped plant waste is allowed to decompose naturally. Pits which were filled up in 2013 and 2014 have decomposed fully, and compost from these pits is being used internally for already planted trees and new plants at the nursery and elsewhere on the campus.

The horticulture section of the institute is:

- 1) Using electricity from renewable energy sources i.e. solar. Thus avoiding air and water pollution caused by generating thermal power.
- 2) Using no chemical fertilizer. Avoiding soil and water pollution.
- 3) Using decomposed manure. Avoiding pollution when such garbage is thrown on land.
- 4) Using piped water distribution for plantation thereby minimizing water wastage.

Thus the horticulture system of campus is a non-polluting, eco-friendly, enriching environment and self-sustaining.





Learning Resource Centre

Endeavours to enrich students, research scholars and faculty, ABV-IIITM has a full-fledged library. The purpose of this library is not only to educate people but also to offer an avenue to get acquainted with new ideas and processes. It not only has a collection of nearly 30,000 books (which is continuously growing) but a healthy selection of journals, magazines, and completed theses. In keeping with the demands of the current generation needs our Resource Centre offers online journals, CDs and DVDs.

The facility of our library is not only restricted to students, research scholars, faculty and staff members of ABV-IIITM, but also to outsiders subject to permission sought from concerned authorities. We believe that our research centre is among the best in Gwalior and should be made accessible to people with an interest in reading and learning.

Resource Centre Sections: Our resource centre or library has five main sections, namely: i) main book section; ii) thesis section; iii) e-Learning section; iv) book bank; and v) reading room. Presently, the central section has a collection of almost 23,000 titles while the book bank section has more than 3000 titles. Our books are mainly on Computer Science and Information Technology. However, this does not imply that other subject areas have been neglected. There are sufficient titles in Business Administration, Organization Behaviour, Human Resources, Industrial Relations, Economics, and other Social Sciences. In addition to books, our library boasts almost 80 journal titles from India and abroad. Readers also have access to more than 1850 textbook CDs and nearly 950 lecture CDs.

Keeping pace with current needs the e-Learning section of our resource centre has been developed well. Over twenty journals on different subjects are made available online to interested browsers. The total number of online issues available for reading online is close to 2800. The thesis Section of this library has a collection of almost 1300 theses and is constantly increasing.

The reading room is stuffed with nearly 15 newspapers and 50 magazines in both English and Hindi for the convenience of all kinds of readers. This reading room remains open throughout the year except on Indian national holidays. We take pride in stating that our resource centre is a member of UGC-INFONET or INFLIBNET; a member of Developing Library Network (DELNET); and a core member of INDEST AICTE (Indian National Digital Library in Engineering Sciences and Technology; All India Council for Technical Education) Consortium. The significance of being a member of the INDEST AICTE Consortium member, it has open accessibility to over 12,000 online journals at the best possible rates. However, currently, this institute subscribes to around 2800 online issues. This resource centre functions as a database for CMIE (Centre for Monitoring Indian Economy).



Sports Facilities in ABV-IIITM

Together with academics sports are given adequate importance at ABV-IIITM. To encourage sporting activities, we have a full-fledged complex, and also game facilities in each of the students' hostels. We believe it is essential to remain physically fit and alert with mental sharpness. In addition to proper infrastructure, several sporting events are held throughout the year to keep students bodily engaged.

Sports Infrastructure: Our institute has an elaborate sports complex with

- One swimming pool
- One gymnasium
- One lawn tennis court
- One basketball court
- One billiards room
- Two squash courts
- Several table tennis boards
- Multiple badminton courts

The best equipment and materials have been used to construct this sports complex. Apart from this complex, there is an additional billiards room in Boys' Hostel 1, an additional gymnasium in Girls' Hostel, an additional tennis court, one cricket ground and one football field. Students' hostels are provided with badminton courts and table tennis boards.

Campus Updates

ABV-IIITM Gwalior believes in providing friendly and comfortable accommodations to its students; therefore, construction of a new boys hostel with a capacity of 500 students is in progress. To further enhance the campus experience and add to its beauty, the campus development continued to make significant progress with the contraction of a under passage to connect Pocket-A and Pocket-B campuses of ABV-IIITM Gwalior.





Students Affairs

Common Facilities Available in Hostel

- In-house mess facilities.
- Indoor sports facilities like Table Tennis, Carom, Chess, badminton etc.
- TV rooms with Newspapers/magazines & reading/study room facilities.
- 24x7 Security Guards and Hostel Supervisors in the Hostels.
- Hot and Cold Water supply throughout the year.
- 24x7 Supply of RO water with water cooler in each floor of the hostels.
- The mess is run by the student representatives through "Student Welfare Society" 24x7 internet connection.
- Each student is provided with a single bed, a full-sized covered Almirah, Ceiling Fan, Study table and Chair.
- Fire extinguishers, Biometric attendance system.
- Hostels are CCTV connected to provide IT based surveillance system.
- Photostat, Stationery and other essentials amenities like, Milk Parlour, Cafeteria, Juice Parlour etc. are available adjacent to hostel areas.
- Need based limited hour night canteen facility is available in all the hostels.

Hostel

Institute is completely residential and all the bonafide students of the institute have to compulsorily opt for hostel facility. With so many activities, events, competitions and festival celebrations going on in the hostel throughout the year, the atmosphere becomes vibrant and full of life. Not only do you develop a number of connections, but also become smart, active, disciplined and self dependent. This is the phase of life when you transform from a kid to a man. So choose your path carefully, be in the right company of people and enjoy the pleasant journey you are going to be a part of. The institute offers the boarding facility to admitted students with the following:

- To create an environment of harmony and cooperation amongst the boarders.
- To provide the boarders a peaceful and calm environment for enabling them to excel in every aspect of their personality development.
- To create amongst the students a sense of responsibility, learning and to inculcate discipline.
- To provide good quality food for boarders to keep them fit and healthy.

There are four boys' hostels (Aravali (BH-1); Nilgiri (BH-2); Shivalik (BH-3); Satpura and Visitor Hostel (BH-4))and one girls' hostel (Gangotri (GH)) in the campus with total occupancy of 1480.



Hostel Management

- Dean of Student Affairs (DoSA)
- Associate Dean of Hostel Affairs (ADHA)
- Warden(s) and Assistant Warden(s)
- Hostel Supervisor(s)
- Student committee

The council of wardens comprises all Warden(s) and Assistant Warden(s) along with DoSA (Chairman) are responsible for policy design and implementation thereof. The students can approach hostel supervisors for help, guidance, approval, and grievance redressal in case of any. Students are required to forward their applications to their respective hostel supervisor(s). Supervisors are responsible for monitoring civil, electrical, Internet, housekeeping, plumber, furniture and other hostel maintenance works.

Hostel Administration

Dean of Student Affairs (DoSA)			
Prof. Joydip Dhar, Phone : +91-751-2449829 (Office) Email:jdhar@iiitm.ac.in			
Associate Dean of Hostel Affairs (ADHA)			
Dr. Vishal Vyas Phone : +91-751-2449750, Email: vishal@iiitm.ac.in			
Members	Hostel	Warden	Assistant Warden
	Aravali Hostel (BH1)	Dr. Debanjan Sadhya +91-751-2496341 debanjan@iiitm.ac.in	Dr. Kapil Kant 07512449717 kapil@iiitm.ac.in
	Nilgiri Hostel (BH2)	Dr. Pinku Ranjan +91-0751-2449741 pinkuranjan@iiitm.ac.in	Dr. Avadh Kishor Phone: 9119024997 akishor@iiitm.ac.in
	Shivalik Hostel (BH3)	Dr. Binod Prasad +91-751-2449733 binod@iiitm.ac.in	Dr. Amrendra Singh Yadav 09560146895 asy@iiitm.ac.in
	IVH & Satpura Hostel (BH4)	Dr. Arun Kumar +91-751-2449739 arunkumar@iiitm.ac.in	Dr. Santosh Singh Rathore +91-751-2449822 santoshs@iiitm.ac.in
			Dr. Mahendra Shukla Phone: 8795677646 mahendra@iiitm.ac.in
Gangotri Hostel (GH)	Dr. Veena Anand Phone: 9399253600 veena@iiitm.ac.in	Dr. Pragya Shukla +91-751-2449820 pragya@iiitm.ac.in	



Hostel Attendance and Leave Rules

For effective management of the hostel, following are the rules:

1. A student absenting himself/herself from the hostel without getting his/her leave sanctioned may be subjected to a monetary fine and strict disciplinary action, as deemed appropriate by the Council of Wardens.
2. Leave for absence from the academic section shall not automatically entitle a student to leave the hostel without the permission of the Warden/Assistant Warden. When a student wishes to leave the hostel for one or more days or night, he/she may apply to the respective hostel Warden/ Assistant Warden, in writing/online and get his/her permission. Leave should be sanctioned before it is availed.
3. Hostel attendance is compulsory in respective hostels by Night Supervisor(s) at 10 PM every day.
4. Students returning late to hostel are required to take permission and record their leave/entry timing to the hostel security. The students are required to carry their institute ID Cards at entry to the hostel(s).
5. The resident staying in the institute labs after the regular academic hours should submit written permission from their course coordinators/supervisor marked to the respective Warden/Assistant Warden of the hostel.

Students staying in hostels going outside campus are required to fulfill the following:

- Filling of outpass- form duly signed by hostel supervisor and noted by mess representative (in case of mess off) at least 24 hours prior leaving. If a student is joining early or late to the hostel after leave, the responsibility lies with the student himself/herself to provide due information to the hostel administration.
- The students should be present in respective hostel rooms for compulsory attendance at 10 PM by Night Supervisor(s).
- Students returning after 10PM (other than emergency situations) to the hostel are required to record their entry timing to the hostel security.
- The students are required to carry their institute ID Cards during all entry and exit to and from the hostel(s).
- Once a student leaves the campus for any reason, the entire responsibility lies with the student himself/herself.



Hostel Rules & Regulations

- Any act of intimidation or violence, wilful damage to property or drunken and riotous behaviour by the hostel resident(s) constitutes an offence. Students found in such activities may be expelled from the hostel or penalized financially.
- Laundry related activities must be confined to the designated areas and should not cause any inconvenience to fellow residents.
- Hostel administration will not be responsible for the loss of any valuable items of the hostel residents from their rooms.
- Boarders are not allowed to employ a guard/cook/attendant.
- Use of narcotics / cigarettes / any tobacco products / alcoholic beverages / gambling / two-wheeler / four-wheeler etc. is strictly prohibited. Any boarder found indulging in narcotics related activities may immediately be expelled from the hostel/ institute.
- All students should compulsorily register biometric attendance during entry and exit from hostel.
- Students are expected to behave properly with all staff of hostel.
- Any student found indulged in ragging activity in any form shall be expelled from the hostel immediately and may be punished according to the provisions of AntiRagging Act, Government of India.
- Residents should not participate in any anti-national, anti-social or any undesirable activity inside or outside the hostel.

Use of Electrical Power / Electrical Appliances

- The hostel residents are only allowed to use electrical appliances with a power rating not exceeding 200 Watts. The use of electrical appliances beyond mentioned power Watts is strictly prohibited and invites heavy penalty in case of non-compliance.
- Light, fans and other electrical items shall be switched off when they are not in use.
- Tampering or any modification of the basic electrical and other installation are not allowed.
- Electrical complaints are entertained 24x7. Residents may register their complaints in the complaint registers which are available in each hostel.

Maintenance of Lawns and Cleanliness

- All residents are encouraged to preserve and protect the hostel ecosystem.
- Walls, furniture and doors etc. shall not be disfigured or damaged with ink, pencil, chalk or knives etc.
- Feeding and keeping pet animals in hostel premises is strictly prohibited.

Guests/Visitors Rules

- Females/girls/ ladies etc. are not permitted in Boys' hostels.
- Guests/ parents/ guardians are permitted to visit their wards in the hostels with prior permissions from hostel administration.
- Males are not permitted in Girls' hostels. However, for maintenance works such as plumbing/ electrical/ mason/ carpentry etc. male workers are allowed in presence of hostel supervisor during designated hours or as needed with proper decorum and decency.
- For the safety of their ward parents are required to advise their wards not to entertain any guests.
- Responsibility lies with parents for informing the hostel authorities well in advance, if any person other than the registered local guardian is visiting their ward.



Hostel Resident Responsibilities

- Residents shall keep their rooms neat and tidy. If a student observes any damages or defect in the hostel room, it will be his/her duty to bring it in the notice of the hostel office, failing which it will be presumed that everything is in order.
- Shifting of furniture is strictly prohibited and liable for penalties.
- When a student vacates his/her room before the summer break or after withdrawal or expulsion or course completion, it is his/her responsibility to get the hostel room belongings (issued at the time of room allotment) physically checked and verified, failing which he/she shall be liable to pay the entire cost of such belongings or damage thereof. Repair charges for any damage to the furniture will have to be paid by the residents in case if any. Any wilful damage to the Institute/Hostel property (including furniture, cots, rescanning of chairs etc.) may invite heavy financial penalties.

Hostel Mess Rules

- Mess is compulsory for all hostel residents and students should not cook/have food from outside.
- Food is served in all the messes of the hostels on a self-service basis. The residents of the hostels must take their meals in their respective hostel mess only. In case of illness, meals can be served in the room, as required.
- The students are required to take the food in dining hours only. After eating food, diners shall leave the cup, plate, and waste food in the designated bins. The students are not allowed to take any utensils from the mess to their hostel rooms.
- The hostel messes are managed by the hostel/ mess committees of respective hostels.

Expulsion

- Boarders are liable to be fined by the Assistant Warden/Warden/DOSA for any kind of misconduct; serious offenses shall be punishable with expulsion from the hostel by the Council of Wardens.
- In case of violation of rules and disobedience of orders will be dealt with by the Council of wardens.

Code of Conduct

All residents are required to maintain standards of behaviour expected from students of a prestigious Institution. They are expected to behave courteously and fairly with co-students. Any student found to be indulged himself / herself in undesirable activities such as physical assault, damage to property etc. will be liable to the following punishments:

- He / She will be expelled from the hostel.
- A record of his / her misconduct will be marked in the personal file.
- The cost damage will be recovered from him/her with penalty.
- The privilege of appearing for campus interviews, recommendation for higher studies / jobs and participation in any institute activities may be restricted as desired by institute administration.

Anti Ragging Measures

- All hostels are equipped with CCTV systems for real time monitoring.
- Round the clock presence of hostel supervisors and security guards.
- Periodic/frequent visits of hostel administration and related staff members.
- Night head count by visiting each room by the night supervisor.
- An Anti-Ragging Undertaking form must be submitted by the students to the respective Hostel Supervisor(s) at the time of registration.

Student Activity Council (SAC)

SAC Members

The following faculty members will look after the responsibility of the Student Activity Council (SAC)

	Dean of Student Affairs (DoSA)		
	Prof. Joydip Dhar, Phone : +91-751-2449829 (Office) Email:jdhar@iiitm.ac.in		
	Associate Dean of Student Activities (ADSA)		
	Dr. Vinal Patel Phone: +91-9586288218, Email: vp@iiitm.ac.in		
Cell	Faculty Coordinators		
Cultural	Dr. Rakesh Chowdhury rakeshc@iiitm.ac.in	Dr. Rashmi Ranjan Behera rrb@iiitm.ac.in	Dr. Anuwedita Singh anuwedita@iiitm.ac.in
Sports	Dr. Purnendu Mishra pmishra@iiitm.ac.in	Dr. Praveen Singya praveens@iiitm.ac.in	Dr. Amandeep Kaur amandeepkaur@iiitm.ac.in
Technical	Dr. Jeevaraj S jeevaraj@iiitm.ac.in	Dr. Pragya Swami pswami@iiitm.ac.in	Dr. Deepak Dewangan deepakd@iiitm.ac.in
Student Welfare	Dr. Saumya Bhadauria saumya@iiitm.ac.in	Dr. Anjali anjali@iiitm.ac.in	Dr. Gaurav Sharma gsharma@iiitm.ac.in

SAC Guidelines

Every year, the selection of SAC student representatives is scheduled in the month of April. With respect to the number of posts and the designation of the posts, the following layout has been recommended.

- 1 SAC president (overall in the Institute)
- 1 SAC president-elect (overall in the Institute)
- 1 SAC secretary (overall in the Institute)
- 1 SAC secretary-elect (overall in the Institute)
- 1 Secretary and 2 Joint-Secretary for each cell.
- 8-10 executive members for each SAC cell

The following students were selected for the academic year 2024-25 for the above-mentioned posts:

- **President:** Kunal Vardani, 2022IMG-032, 9929646997
- **President (Elect):** Abhishek Gangwar, 2022BCS-001, 7906850094
- **Secretary:** Saumya Seetha, 2021IMT-087, 8817953093
- **Secretary (Elect):** Arijit Konar, 2022IMT-019, 8269728373
- **SAC Technical Cell Secretary:** Harshith Mente, 2021IMT-063, 6300722698
- **SAC Cultural Cell Secretary:** Indresh Patel, 2022BCS-032, 9305461497
- **SAC Sports Cell Secretary:** Purav Saluja, 2022IMT-091, 7888519807



RESEARCH AND DEVELOPMENT

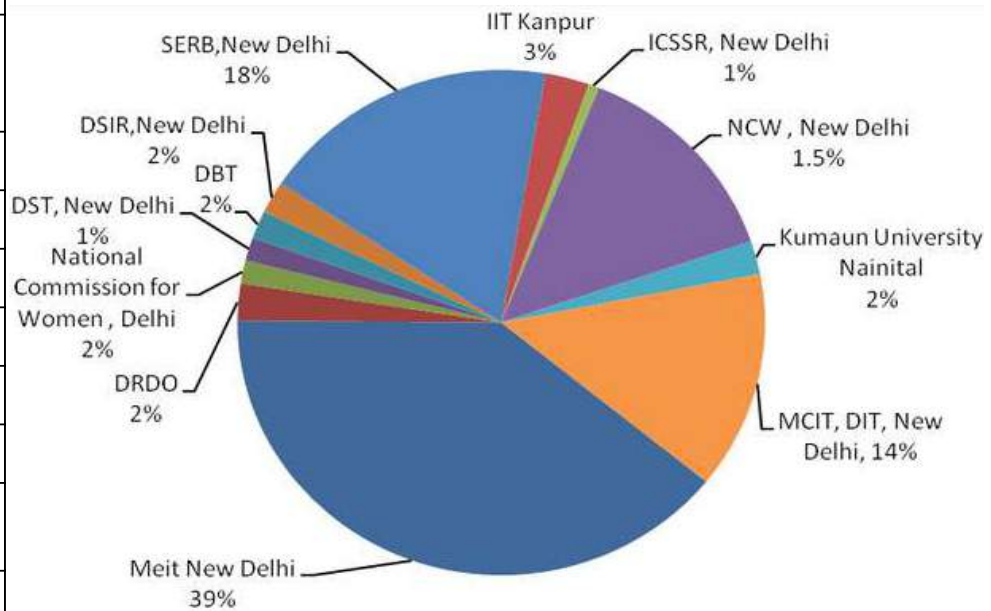
PUBLICATIONS

Number of Research Publications from July 2023 - June 2024

DOCUMENT TYPE	NUMBER OF RESEARCH PUBLICATIONS
Article	242
Conference	92
Book Chapter	15
Review	8
Book	6
Total	358

SPONSORED RESEARCH PROJECTS

Funding Agency	Amount (in Lakh)
Meit New Delhi	480
DRDO	29
National Commission for Women , Delhi	18
DST, New Delhi	18
DBT	22
DSIR,New Delhi	25
SERB,New Delhi	225
IIT Kanpur	33
ICSSR, New Delhi	8
SPARC , IIT Kharagpur	168
Kumaun University	26
MCIT, DIT, Delhi	170
Total	1222



ONGOING SPONSORED PROJECTS

S No.	Project Title	Funding Agency	Name of Principal Investigator	Fund Assigned (Rs.)
1	Chips to Startup (C2S) Programme, Implantable Pacemaker Chip (iPACE-CHIP)	Meit New Delhi	Prof. Manisha Pattanaik	48000000
2	Purification and Valorization through Indigenous Tailoring of Raw Polymeric Waste into Advanced Multidimensional Carbon Nano Materials (PAVITRAM) for Large Scale Energy Storage Applications Including Supercapacitors and Batteries	Kumaun University ,Nainital	Prof. Anurag Srivastava	2632380
3	Puff Dispersion Model for Instantaneous Release of Heavy Gas Chemicals"	DRDE , Gwalior	Prof. Joydip Dhar	957000
4	Impact Analysis of Women Police Station (WPS) to reduce crime against women in the state of Madhya Pradesh	National Commission for Women , New Delhi	Prof. Anurag Srivastava	1880000
5	Exploring Trends in Science Technology and Innovation (STI) Indicators for Policy Planning	DST, New Delhi	Dr. Vishal Vyas	659880
6	Design of Metamaterials for biosensing and ICT applications .	DST, New Delhi	Dr. Pinku Ranjan	1215000
7	Service Quality Index for In house Medical Facilities Case of Private and Public Higher Educational Institutional Institutions in India .	ICSSR, New Delhi	Dr. Arun kumar	850000
8	Developing a framework for assessing innovation readiness, research intensity and technology resilience of firms	DSIR, New Delhi	Prof. Gyan Prakash	2500000
9	Machine Learning Aided Self Sustainable Future Wireless Networks	SERB, New Delhi	Dr. Binod Prasad	2762475
10	Dynamic Bayesian Network model for behavioural study of autonomous data agents	SERB, New Delhi	Dr. K K Pattanaik	660000
11	Study of Impact of Integration, Seasonality and Control on Ecological and Epidemiological Models	SERB, New Delhi	Dr. Anuraj Singh	2156264
12	Research Productivity and Performance Enhancement System (CARS)	DRDO,AGRA	Prof. Gyan Prakash	992000
13	Artificial Intelligence Enabled Dialogue based Online Medical System Development for Precision Healthcare	SERB, New Delhi	Dr. Santosh Singh Rathore	1543280
14	Design of Privacy-preserving and efficient mechanisms for handling heterogeneous biometric data in the context of Aadhaar	SERB, New Delhi	Dr. Debanjan Sadhya	1508140





ONGOING SPONSORED PROJECTS

S No.	Project Title	Funding Agency	Name of Principal Investigator	Fund Assigned (Rs.)
15	Malware Analysis using Machine Learning Techniques for Industrial Control	IIT Kanpur	Prof. Aditya Trivedi	1507040
16	Design and Modeling of Ultra-Scaled Copper-Graphene Hybrid On-Chip Interconnects for Low Power and High - Speed IC Applications with Machine Learning	SERB, New Delhi	Dr Somesh Kumar	1520200
17	UNNAT BHARAT ABHIYAN	MHRD, New Delhi	Dr Vishal Vyas	350000
18	Technology Incubation & Development of Entrepreneurs (TIDE 2.0) in the areas of Electronics and ICT	MCIT, DIT, New Delhi	Dr. Manoj Kumar Dash	4000000
19	Assistive Learning Device for Children with Hearing Loss	SERB, New Delhi	Dr. Vinal Patel	1100000
20	Compact Modeling for Quasi-Ballistic Transport in GAA MOSFET and Design of Radiation Hardened SRAM Array	SERB, New Delhi	Dr. Gaurav Kaushal	2821170
21	Unifying Goals in Smart EV Charging through Game Theory and Multi-Objective Optimization	SPARC , IIT Kharagpur	Prof Pramod Kumar Singh	8952000
22	Two Dimensional Graphitic Carbon Nitride Hybrids based Solid State Flexible Supercapacitors Synthesis Simulation Characterization and Fabrication of High Energy and Power Density Devices	SPARC , IIT Kharagpur	Prof Anurag Srivastava	7932000
23	A Scalable Consensus and Energy Efficient Blockchain Enabled Healthcare System	C3IHUB'S IIT Kanpur	Dr Amrendra Singh Yadav	1815840
24	Development of an Adaptive Smart City Framework to solve urban area problems using Internet of Things	SERB New Delhi	Dr Veena Anand	2255264
25	Design and Development of Intelligent Physical Layer Security Techniques for Wireless Health Monitoring Applications	SERB New Delhi	Dr Mahendra Kumar Shukla	3258985
26	Design and Analysis of Hybrid FSO/THZ-based Backhaul Networks for 6G Communications	SERB New Delhi	Dr Praveen Kumar Singhya	2025180
27	Development of Prototype Assistive Listening Device by Incorporating a Microphone Array and Haptic Stimulation	DBT ,New Delhi	Dr Vinal Patel	2296000
28	Design and Development of a Millimeter wave Circularly Polarized Dielectric Resonator Antenna for Ka -Band (26.5 GHz-40 GHz) Satellite IoT Applications	SERB New Delhi	Dr Rakesh Chowdhury	2500000
29	A conceptual study on Model based Systems Engineering in the context of Comple Systems from DRDO ADRDE through contract for acquisition of research services mode	ADRDE AGRA DRDO	Prof Gyan Prakash	992000

RESEARCH ACTIVITIES: EVENTS AND OUTREACH

Research and collaborative events like conferences, workshops, symposia and seminars form a vital part of academic activities that help stimulate discussions on a wide range of important topics. Many of these activities invite participation from other organisations and enhance the Institute's visibility at various levels. The following activities were organised during 2023-24:

CONFERENCES

2nd IEEE Conference on Computer Vision and Machine Intelligence (CVMI-2023)

The Institute organized "The 2nd International Conference on Computer Vision and Machine Intelligence (CVMI-2023)" on December 10-11, 2023. This conference served as a platform for researchers, industry professionals, and academics to share and discuss the latest advancements and innovations in Computer Vision and Image Processing. The event featured esteemed speakers and guests from both India and abroad, and saw significant participation from various institutes across the country.



2nd International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI-2024)



The institute organized a 2nd IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation - IATMSI-2024, from March 14-17, 2024, in Hybrid Mode (online as well as offline). This flagship event served as a forum for disseminating the most recent advances in the fields of communication, IT-enabled management, and Industrial Electronics applications. The theme of the conference was "Enabling the Change! Social Innovation for Sustainable Societies".

2nd International Conference on Advances in Nanomaterials and Devices for Energy and Environment (CANDEE-2023)

CANDEE-2023 is a joint event of Indian Institute of Information Technology and Management Gwalior and Italian National Agency for New Technologies, Energy and Sustainable Economic Development, being organized with an aim to bring together the scientific and technology community, to share their experience on advancements in the materials synthesis and characterization techniques, its applications in different modern industries, specifically for renewable Energy and clean Environment in 19-20 December 2023..


WORKSHOPS/FDP/KARYASHALA/VRITIKA

S.No	Event Name	Event Date	Event Organizers	Workshop/FDP/ Others	Funding Agency
1	Machine Learning applications for medical imaging	10 to 16 July 2023	Dr W W Godfrey	Workshop (Karyashala)	SERB, New Delhi
2	Recent Trends In Dielectric Resonator Antennas	15 to 21 July 2023	Dr. Pinku Ranjan	Workshop (Karyashala)	SERB, New Delhi
3	Advanced workshop on deep learning applications in imaging systems	17 to 23 July 2023	Prof K V Arya	Workshop (Karyashala)	SERB, New Delhi
4	High – End Workshop on quantum Computing and Information	22 to 28 July 2023	Prof Pankaj Srivastava	Workshop (Karyashala)	SERB, New Delhi
5	High – End Workshop on Cyber security in Edge computing enabled IoT	12-18 Dec 2023	Dr Sauma Bhadoriya	Workshop (Karyashala)	SERB, New Delhi
6	Novel tools and techniques for UAV-assisted communication	26 June to 25 July 2023	Dr Binod Prasad	Vritika	SERB, New Delhi
7	Machine Learning Tools & Tech. for Audio Sig. Proc.	20 June to 21 July 2023	Dr Vinal Patel	Vritika	SERB, New Delhi
8	Systematic Literature Review and Meta Analysis (SLR & MA -2023)	4 to 10 Oct. 2023	Dr Manoj Dash/ Dr Arun/ Dr Vishal Vyas	Workshop	Self-Sponsored
9	Structural Equation Modeling & Analysis (SEMA 2023)	9 to 15 Oct. 2023	Dr Manoj Dash/ Dr Arun/ Dr Vishal Vyas	Workshop	Self-Sponsored
10	Practicing Research Methodology in the Field of Management and Social Science	26 Oct. to 1 Nov 2023	Prof Naval Bajpai	Workshop	Self-Sponsored
11	Multi-Criteria Decision Technique in Management Research	18 to 24 Nov 2023	Dr Vinay Singh	Workshop	Self-Sponsored
12	Supply Chain Analytics Workshop	16 to 22 Feb. 2024	Prof Gyan Prakash	Workshop	Self-Sponsored
13	3 Days International workshop on mathematical Models and Methods In Life Sciences	13-15 May 2024	Dr Purnendu Mishra/ Prof Joydip Dhar	Workshop	Self-Sponsored
14	Blockchain Technology and its Applications	12-16 June 2023	Prof P K Singh/ Dr Amrendra Singh Yadav/ Avadh Kishore	Workshop	Self-Sponsored

WORKSHOPS/FDP/KARYASHALA/VRITIKA

S.No.	Event Name	Event Date	Event Organizers	Workshop/ FDP/ Others	Funding Agency
15	Recent trends in cybersecurity Technologies	12 to 16 Feb 2024	Dr S Bhadoriya / Prof S Tapaswi/Dr D Sadhya	Workshop	Self-Sponsored
16	Advancements in Information Technology and Data Science -Mod 1	5 -17 June 2023	Prof P K Singh	Workshop	GETRI
17	Advancements in Information Technology and Data Science -Mod. 3	26 -8 July 2023	Prof P K Singh	Workshop	GETRI
18	Multi-Criteria Decision Making with Machine Learning Techniques in Management Research	9 to 15 Feb 2024	Dr Vinay Singh	Workshop	Self-Sponsored
19	HR Analytic Tools and Techniques in Management Research (HRATTMR)	28 Jan to 3 Feb 2024	Dr Manoj K Dash/Dr Arun/ Dr Vishal Vyas	Workshop	Self-Sponsored
20	FDP on Research Methodology and Multivariate Data Analysis (RMMDA -2023)	27 Nov to 23 Dec 2023	Prof Gaurav Agarwal	Workshop	Self-Sponsored
21	Hands on on Machine Learning and Deep Learning (Module-1)	29 Jan to 2 Feb. 2024	Prof P K Singh	Workshop	Self-Sponsored
22	MDP Program on Startup capacity Building and Strategic Planning	14-18 December 2023	Prof Anurag Srivastava/Dr M K Dash	MDP	E-SDP of MSME Gol
23	MDP Program on Agriculture 4.0 challenges and Implication of ICT	23-27 February 2024	Prof Anurag Srivastava/Dr M K Dash	MDP	E-SDP of MSME Gol
24	Hands-On Machine Learning for Biomedical Signal Processing	24 - 30 June 2024	Dr I. A. Ansari, Dr Vinal Patel, Dr Binod Prasad, Dr Pragya Swami	STC	Self-Sponsored
25	Information-centric Networks for Resilient Smart Urban Infrastructure (INSURE-24)	22-23 Feb 2024	Prof K K Pattanaik	Workshop	IGSTC, New Delhi
26	Recent Trends in Antenna Design and Technology for Next Generation Communication Ecosystem	4-10 March 2024	Dr Rakesh Chowdhury	Workshop (Karyashala)	SERB, New Delhi
27	FDP on Artificial Intelligence driven Data Analytics for Business Research and Teaching	24-30 May 2024	Prof Gyan Prakash/Dr Amandeep Kaur	Workshop	Self-Sponsored
28	3-Day Workshop on Multivariate Data Analysis and Mathematical tools for Sciences, Engineering and Management	20-22 May 2024	Dr Pragya Shukla/ Dr Ajay Kumar	Workshop	TIIC



External Affairs

MoUs

In the last two years, ABV-IIITMGwalior has made remarkable attempts to build strong and mutually beneficial relationships with renowned academic institutions, Industries, Research Labs at international level, national level, and state level as well as with local institutions. Several partnerships in form of MoUs/MoAs have been attempted and developed in the last two years, with an objective of making the vision and mission of the institute more meaningful, where the focus is on shaping the students, innovative, entrepreneurial, social and globally acceptable. Following are few recent MoUs and number of other MoUs/MoAs are in final stage.



Institute faculty have also signed MoAs for the various projects like recently, through SPARC grant, Prof. Anurag Srivastava, Prof. P. K. Singh and Dr. Avadh Kishor have signed MoAs with following institutions.



Career

Development & Placement

Placements and Higher Studies 2023-24

CAMPUS PLACEMENTS 2023-24

The Placement season for the batch 2023-24 commenced in the month of June 2023. With the tremendous efforts of our CDP cell under the leadership of Prof. Anurag Srivastava, the Professor incharge, 150+ students have got summer internship offers and due to their fantastic performance during summer internship, students received "Pre-Placement Offers" (PPOs) from top companies viz: DE SHAW, Google, Nutanix, Amazon, Curefit, Goldman Satche, Uber, Intuit, Google, Samsung etc and a whopping International Offers. During the session 2023-24 apart from the priority recruiters and regular recruiters, many new organizations showed keen interest in taking part in the ABV-IIITM Gwalior placement process despite the economic slow down and mass-layoffs. More than 80 companies, including the PSUs visited the institute for placements for B.Tech, M.Tech, MBA batches.

The highest package bagged by this year students was 65 LPA. The average package for BCS was 22.110LPA while that for IPGM.Tech 22.68 and IPG-MBA was 16.18, respectively. The overall average package of batch including all the courses was 21.56 LPA. This year, most of the companies have put the criterion of 7 CGPA for registration in the placement process of their company, where all the students with this criterion got placed, and besides this, most of the students between 6-7 CGPA also got good placement. With this, 50 students have got an offer of more than 30LPA, where 19 are 50+LPA. With 6CGPA+ eligibility, the total placement percentage is 90%. Besides this, the CDP cell has organised various special sessions like Alumni Connect, Recruiter Connect, and Industry Connect, where various sessions were organized for the benefit of the students. Among them, the most popular were Microsoft, Google, American Express, Alvarez and Marsal, Hello PM etc. Students participated and got appreciated in several reputed coding challenges and Hackathons viz: ACM World Finals, Google Summer of Code (GSOC), Code Vita, Hack With Infyetc, and showcased exceptional talent and coding skills in each of these competitions. Some of the students who were a part of the corporate placement process also cleared exams for Higher Academic Studies/ Defense/ Civil Services/ PSUs and will subsequently be pursuing careers in these fields. A brief detail of companies visiting the institute over the years, as well as the addition of some new companies, is given below.

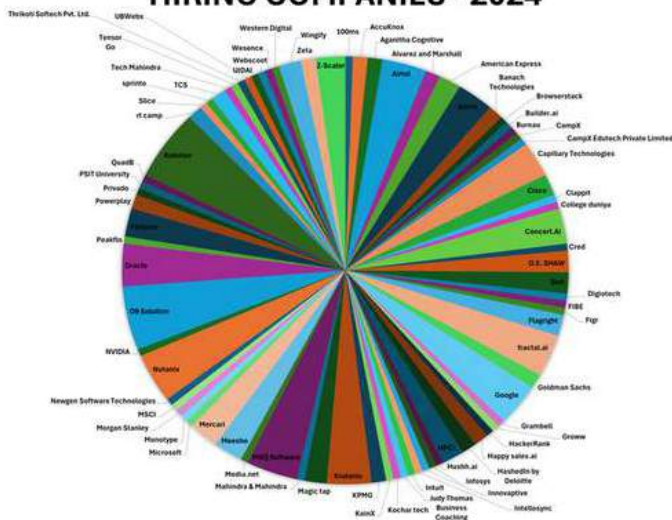
Our Recruiters:

Google	The Smart Cube	Moengage	OneShot.AI	KFinTech
D. E. Shaw	IBM, Samsung R&D	Ericsson R&D,	Quantiphi	Atlan
Intuit	Samsung SDS	Optum (UHG)	Synopsys	Propelld
Slice	Triology Inovation	Free Charge	Grab-India	Moveinsync
Media.net	Nagarro	Reliance Jio	Homelane	Alliant Cyber Security
Amazon	PWC (US),	Rakuten	VMware	Sagacious Research
Microsoft	ZS Associates	ShareChat	NI (National Instruments)	NewGenesis
Dell R&D	GoJek	American Express	Turtlemint	Physicswallah
Directi	Oracle	Dellotie	ESAF Bank	
Nutanix	Aganitha	IndiaMart	YugaByte	
Bizongo	EarlySalary	Intermesh	Commvault Systems CVLT.	
314e Solutions	Toppr	Paytm	Aplazo	
Bharat Electronics Ltd.	Quetzal	Publicis Sapient	C-DOT	
EXL, MindTickle	Axtria	TCSI	Shopse	
TCS Digital, TCS Ninja,	KPMG	Infosys	Thrillophilia	
HCL	Shipsy.io	Zycus	NISG (UIDAI)	

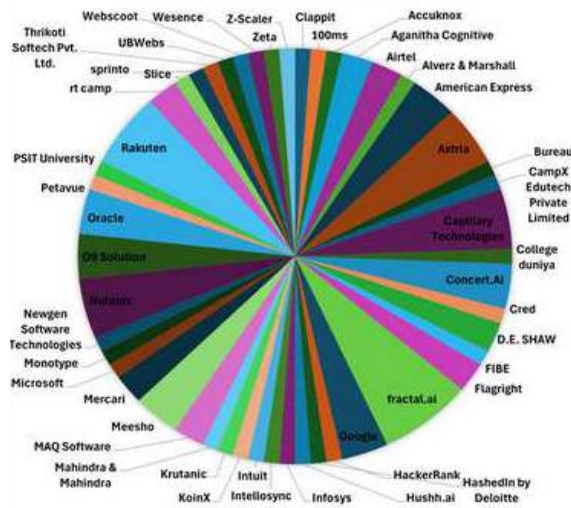
Placements Statics 2024

Courses	Maximum CTC (in LPA)		Average CTC (in LPA)	
B.Tech CS/IT	65		22.11	
IPG-M.Tech and M.Tech.	IMT-65	PG M.Tech.-16	IMT-22.68	PG-M.Tech.-9.86
IPG-MBA and MBA	IMG-65	PG MBA-9	IMG-16.18	PG MBA-8.15
International Offer: 4				

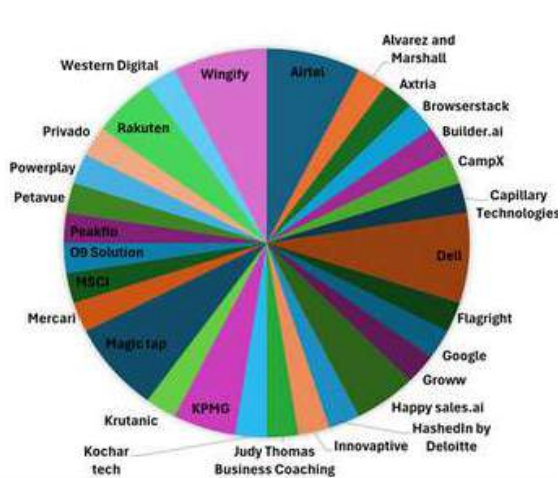
HIRING COMPANIES - 2024



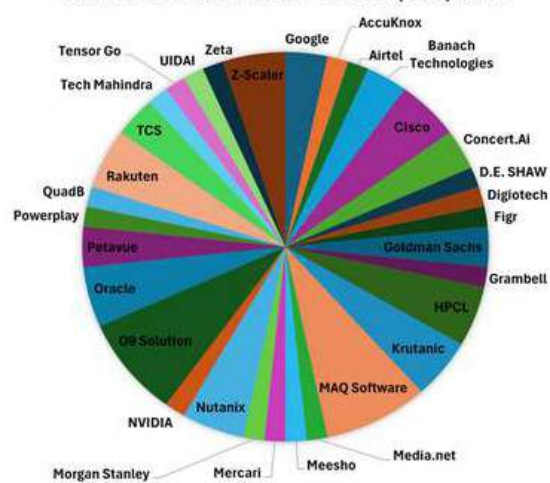
HIRING COMPANY WISE - IPG M.TECH 2024



HIRING COMPANY WISE - IPG MBA 2024



HIRING COMPANY WISE - B.TECH (CSE) 2024



EVENTS

AND ACTIVITIES

SIGNIFICANT ACTIVITIES

Atal Research and Incubation Conclave (ARIC)-2023

The Technology Innovation and Incubation Centre at ITM Gwalior has organized the 2nd Atal Research and Incubation Conclave (ARIC)-2023 program from 18-19 December 2023 with the support of MeitY, New Delhi. The prime objective of Atal Research and Incubation Conclave (ARIC'23) was to motivate budding entrepreneurs, students and school going students to showcase their Innovation, creativity, and resourcefulness and out of box thinking to contribute towards nation building through their innovative ideas. It was a unique initiative of the TIIC-ABV-IIITM, Gwalior, to recognize, respect, and reward grassroots innovations/ideas based on the theme **"Science and Technology: Lab to Market"**. The program Advisor Prof. Anurag Srivastava, Faculty Coordinator Dr. Manoj Kumar Dash and Dr. Sanson Singh Rathore organized the event.



26th Foundation Day

The Institute celebrated its 26th Foundation Day on January 17, 2024, as the foundation stone was laid on this day in 1997. The beginning of IIITM could be traced back to 1992, when MHRD (Presently Ministry of Education, Govt. of India) under Dr P G Reddy contemplated setting up of advanced information systems in the likes of IIMs and IITs in different locations of India. Prof. Durg Singh Chauhan, former Vice-Chancellor, Uttar Pradesh Technical University (UPTU) is the Chief-Guest of the ceremony and Prof. Kripa Shankar Singh, Academic Senate Member is the Guest-of-Honor. Dr. Manoj Kumar Dash received ABV-Outstanding Teacher Award 2023 and Dr Somesh Kumar was given ABV-Young Faculty Award 2023.





Sporting Activities

Inter IIIT Sports' meet (9 - 12 March, 2024): The event aimed to bring together students from various IIITs across the country, providing them with an opportunity to showcase their sporting talents, compete in a friendly atmosphere, and foster intercollegiate relationships. This year inter IIIT Sports meet is hosted by IIIT Allahabad. It was held to provide a platform for students to exhibit their athletic abilities and represent their respective colleges. Our Institute achieved notable performances in several sports events, including 1 gold, 3 silver, & 2 bronze medals in Swimming, 1 bronze and 1 silver medal in badminton. 1 gold and 1 silver medal in weightlifting.

Informal Sports Event: The primary objective of this event is to select students from ABV-IIITM Gwalior who will represent the institute at the Inter-IIIT Meet. This year infomals was organized on 5-6 January 2024.

This event aims to foster sportsmanship and teamwork among students while providing a platform to showcase their athletic talents. Students must register by [insert registration deadline], with forms available on the official ABV-IIITM Gwalior website and at the sports office. The event will include a variety of informal sports activities, such as track and field events and team sports, and will evaluate participants based on their skills, teamwork, and overall performance. All students of ABV-IIITM Gwalior are eligible to participate. Active participation is encouraged, and the final selection of athletes will be announced shortly after the event, with selected students receiving further instructions for the Inter-IIIT Meet.

Intra-IIITM Gwalior Sports day celebration: Together with academics, sports are given adequate importance at ABV-IIITM. To encourage sporting activities, we have a full-fledged complex, and games facilities in each of the students' hostels. We believe it is essential to remain physically fit and alert together with mental sharpness. Working on the same theme, the Institute organized various sports events to celebrate the Intra-IIITM sports meet during July 26-27, 2023.



Hindi Pakhwada

To promote awareness of Hindi as the official language, there is a provision for organizing various Hindi-related activities, including programs, competitions, poetry conferences, seminars, and official language conferences, across departments at the national level during Hindi Fortnight. The Institute Hindi Fortnight was held from September 14 to September 28, 2023. During this period, the institute hosted a range of competitions to encourage student participation and engagement.



Gyanotsav

Gyanotsav-2080 was organized jointly by Atal Bihari Vajpayee Indian Institute of Information Technology and Management Gwalior, and Shiksha Sanskriti Trust, Madhya Bharat Province on 3-4 September 2023. This two-day event was organized in the form of a seminar for a detailed discussion on the role of schools and higher educational institutions in the implementation of the National Education Policy 2020. Prof. Anurag Shrivastava was the coordinator of the event.



Cultural Activities and Events

ABV-IIITM encourages its students to participate in cultural events and activities with equal enthusiasm as academics. Cultural groups and celebrity performers from across India are invited to perform in the Music, Arts and Dramatics club of this institute. It also organizes events of smaller scale throughout the year to inspire the talents of this institute.



Aurora 2024, an annual cultural festival, promises a vibrant celebration of arts, music, dance, and cultural heritage. It typically features a variety of events, including performances by artists, workshops, food stalls, and exhibitions. Each year, the festival aims to bring together diverse communities to celebrate cultural diversity and creativity. It was celebrated for three days starting from March 15, 2024.



Student Initiatives

Abhishar v12.0 Launch Ceremony Abhigyan Abhikaushalam Students' Forum (AASF) released the 12th version of "ABHISHAR", to celebrate the accomplishment of the IIITM Gwalior fraternity in showcasing the best thought-provoking, intelligent, and read-worthy articles and poems. The AASF club of the students did the following events during the period July-December 2023: Group Discussion, Weekly junior practice sprint, Web Week – backend, Webkriti, Introduction to Open Source, Introduction to git and github, Orientation for 2023 batch, Abhishar v13.0 – the annual magazine, Lifescape – Art and photography contest, Product 101: Navigating through product management, and Introduction to CPP.

ALUMNI RELATIONS

In the last two years, the institute has attempted remarkably in strengthening the relationship with former students of our campus, who are continuously keeping the flag of IIITM Gwalior high by excelling professionally in variety of domains like Industries, Governance, Academia, Entrepreneurship and Startups. At ABV-IIITM Gwalior, we have stayed together as a family having each other's back throughout one's journey in this institute. It has always been pleasure connecting with our Alumni. The Alumni portal (<https://iiitm.almacconnect.com/>) provides with innumerable features that will enable them to stay connected with their Alma Mater and get various updates and happening in and around IIITM Gwalior. Institute has announced four distinguished Alumni Awards for the year 2024. Dr. Prashant Rana (in Academics), Mr. Praveen Gupta (Entrepreneur/Startup), Mr. Abhishek Ks Gupta (in Industry) and Mr. Anurag Upadhyay (in Governance).

In the last two years, the Alumni have also been made part of various academic decision making bodies of the institute, like two members in academic senate of the institute, every department of the institute has one member part of the Council of Academic Research (CAR), helping the institute in providing world class syllabus to the students of our campus. Besides this Alumni are playing a very important role in getting the students summer internships, projects and final placements through the Career Development and Placement (CDP) Cell of the institute. The CDP cell of the institute has started organizing every fortnight a special session called Alumni Connect, where 1-2 Alumni conduct their session for the students of our campus.



ALUMNI MEET

The Institute celebrated alumni meet during January 15-16, 2024. Number of alumnus were part of this event, visited with their family in person and many through virtual mode. The Hon'ble Director (Prof. S. N. Singh) and Dean Alumni and External Relations (Prof. Anurag Srivastava) have welcomed the alumnus. Various interaction sessions and meetings were organized with faculties and current students.

Some sports' events and Kavisammelan were also the part of alumni meet so that they again recall their student life. They have also planted various plants near the Convention Centre of the campus. The CDP cell of the institute with its team of students from different batches organized the whole event.





ATAL BIHARI VAJPAYEE INDIAN INSTITUTE OF INFORMATION TECHNOLOGY AND MANAGEMENT, GWALIOR

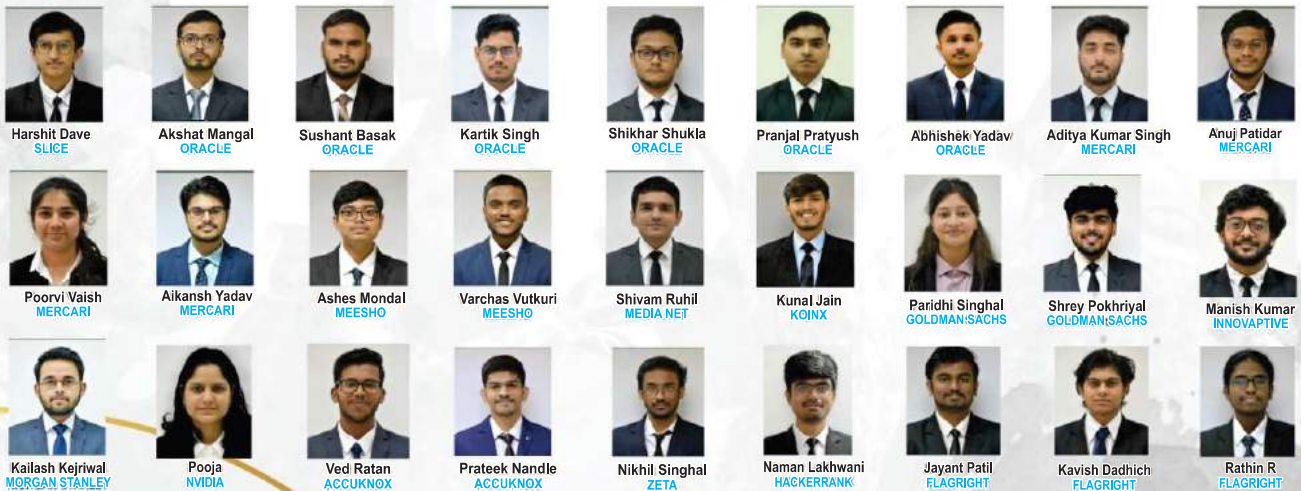
Career Development and Placement Cell

Congratulations All the Top Achievers

Top Achievers (50+ LPA)



Top Achievers (30-50 LPA)



Note: Information given in this brochure is to provide an institute overview and should not be cited in legal matters or claims.



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



Phone
0751 244 9801



Email
registrar@iiitm.ac.in



Website
www.iiitm.ac.in



Address
**Morena Rd, IIITM Campus,
Gwalior, Madhya Pradesh
474015**