# Atal Bihari Vajpayee – Indian Institute of Technology and Management

An Autonomous Institute of MHRD, GOI

(NAAC Accredited 'A' Grade)

विश्वजीयनामृतं ज्ञानम्

# Placement Brochure
## 2021 Batch

# Director's Message



## Prof. Rajendra Sahu

Dear Recruiter,

I am pleased to introduce to you the Integrated Post Graduation (IPG) and Post-Graduation (PG) class of 2021. We at IIITM understand the need of the industry and know that it is knowledge driven and thus here, at IIITM, we have designed the curriculum in the most efficient manner to set our students apart from the crowd.

We prepare our students for the professional life by balancing the course structure with industry exposure through Projects and Internships. Class projects and activities create an environment that motivates team spirit whereas the real life case studies help in appreciating the nature of the world. They are nurtured in a manner so as to serve as agents of change. Graduates of past batches of these programmes have excelled in technical and management positions across functions in a diverse set of industries.

IIITM also understands the need of all round development of the students and takes pride in mentioning that this batch of students has excelled by participating in nature wide competition and events and won laurels to the institute.

I am sure that in this batch of 2021, you will find highly motivated professionals with skills, temperament, and experience that will add tremendous value to your organization. I warmly welcome you to IIITM. We look forward to forge a fruitful long term association with your esteemed organization.

# Message from Training and Placement Cell

Dear Recruiter,

We have come a long way since our establishment 22 years ago. Our main vision is to provide a path to develop career rather than just provide placement, the T&P cell facilitates the potential of the students which are developed by a culture of engineering, management and research through highly competitive academic environment of the institute and nurtures them by developing employability skills.

"We have fostered the industry association over the past 16 years. We wish to continue the same relationship with our new recruiters."

The students are trained through customized so skills enhancement and technical training programme and thus contribute to the core competencies across the globe by developing rich human capital. For our past recruiters, the institute wishes to humbly acknowledge the symbiotically beneficial relationship. We have fostered the industry association over the past 16 years. We wish to continue the same relationship with our new recruiters. Through this brochure, we would like to put forward the qualities of the students as Technical, Managerial & so-skills. We take this opportunity to invite you to our campus and evaluate our student's talent. We are looking forward to your association in the campus recruitment of Batch 2021. We are sure that as a potential employer, your search for the right candidate ends here.

# Training and Placement Cell

**Prof. Rajendra Sahu**
Prof. Incharge Training and Placement

# Training and Placement Office:

**Mr. Omvir Singh Bhadauria**
Career Development and
Training Officer

## Student Placement Representatives

**IPG M. TECH**
Pragati Baheti
Sanjit Prasad
Shivam Sharma
Shivendra Pratap Singh
Vishaka Gupta
Vivek Alladi

**B. TECH**
Abhay Chaturvedi
Aman Kumar Rai

**M. TECH**
Aditya Sirva (IS)
Shubham Singh (DC)
Tamanna Mohanty (CN)
VSS Prashant (VLSI)

**MBA**
Divyanshu Tripathi
Apurva Srivastava
Oshin Malviya
Aditya Sharma
Ayushi Sharma
Ishan Kakkar

# About IIITM

Atal Bihari Vajpayee - Indian Institute of Information Technology and Management Gwalior, hence forth referred as IIITM, is an autonomous institute set by Government of India, Ministry of Human Resource Development (MHRD) in 1997. It is an effort by MHRD towards creating professionals in areas of Management and Information Technology from the same institute. This Institute was created for facilitating higher education, research and consultancy in areas of IT and Business Management.

We are delighted to inform you that the institute has been ranked amongst 81 and 22 best institutes of India in Engineering and Management respectively by NIRF-MHRD. We are happy to share the following past year achievements of our institute and students.

– Accredited A Grade by NAAC.
– National leadership award for B School with industry related curriculum in Information Technology by Mohan Group
– Lokmat Leadership award for B School Rural Research Initiative completed by one of our MBA students.

**Institute of National Importance** (INI) is a status that may be conferred to a premier public higher education institution in India by an act of parliament, an institution which "serves as a pivotal player in developing highly skilled personnel within the specified region of the country/state". INIs receive special recognition and funding.

## SMDP

Special Manpower Development Program or SMDP is project undertaken by Ministry of Information Technology of the Government of India aiming to import training in VLSI design and related software to engineering students pursuing Masters or Doctoral programmes in the domains of Computer Science, Electronics, and IT etc.

| Rank/Rating | Description |
|---|---|
| 15 Rank | Dataquest-DQS Survey of top 25 T-Schools |
| 81 Rank | Engineering Category of NIRF MHRD, Govternment of India, 2019 |
| 22 Rank | Management category of NIRF MHRD, Government Of India, 2016 |
| 1 Rank | Emerging best college in Engineering category by India Today |
| AAA+ Rating | Universities Category by career 360 |
| 108 Rank | UI Green Metric Global Rank (awarded by Universitas Indonesia) |

# Academic Programmes

## Integrated Post Graduate Programme

This is a 5 year course leading to: Dual Degree in Information Technology (IT). The first three years cover the B. Tech curriculum while the remaining 2 years could be focused on either M.Tech or MBA depending upon the student's choice.
Admission is through JEE (Mains) held annually, and subsequent CSAB (Central Seat Allocation Board) counselling.

## B. Tech Programme

4-Year Bachelor of Technology in Computer Science has also been included since 2017 Admission is through JEE (Mains) held annually, and subsequent CSAB (Central Seat Allocation Board) counselling.

## M. Tech Programme

This is a 2 year programme leading to M.Tech degree in area of :
- Computer Networking (CN)
- Digital Communication(DC)
- Information Security(IS)
- Very Large Scale Integration(VLSI)
Admission through CCMT based on GATE score annually.

## MBA Programme

This is a 2 year program leading to MBA degree. Candidates may opt for any of the under mentioned programs:
• MBA (Business Analytics)
• MBA (Finance)
• MBA (Operations)
• MBA (Sales and Marketing)
• MBA (HRM)
Admission to this course is through written examination (CAT), group discussion and interview.

## Ph.D Programme

IIITM offers doctoral programs in areas of IT and Management. A candidate to this program is selected on the basis of entrance test and subsequent interview.
Admission is through GATE and UGC NET conducted by CBSE.

# Our Industrial Collaborations

### Research Focus
With technology and business assuming definitive dimensions in current global environment, it is necessary to innovate concepts and develop synergies. Research and Industrial level experience in information technology and management are inherent activities of this institute and are also given special emphasis. To make it happen, we have specialized laboratories in institute.
Few of the laboratory name are mentioned below:
- VLSI design
- Medical Informatics Lab
- Communication System
- Computational Nano Science and Technology
- Wireless Sensor Network
- Secured Computing

### Industry collaboration
IIITM in an attempt to create a suitable learning environment for perspective technicians and management professionals is tied up with leading industries and business houses of India and abroad. Few of the names are mentioned below:
- IBM
- DRDO
- Godrej
- CII

### In-house Training and Executive Development Programme
This programme is an initiative to empower the youth of the nation to stimulate the hidden entrepreneur in them. It is the doorway to all those mind masters who imagine to conquer every odd to synthesize a new path for their success. Therefore IIITM offers them a platform to hone their skills and innovate on a large scale. Various applications developed in IIITM under the flagship of this programme are File Tracking System(FIS), Rail wise, e-Yatra, Goaway, Visitor Management System and likewise.

# Recent Recruiters

| | | |
|---|---|---|
| Adobe | Flipkart | Paytm |
| Alcatel Lucent | Go-jek | P-value |
| Amazon | Google | Practo |
| Amdocs | Goldman Sachs | Qubole Software |
| AujasNetworks | HackerRank | Reliance Jio |
| Axis Bank | HCL | Samsung R&D Institute |
| Aganitha | HDFC Bank | Samsung India |
| Axtria | HDFC Mutual Fund | Sigmoid |
| Belzabar | IBM | Smart Prix |
| BNY Mellon | Info Edge | Snapdeal |
| BookMyShow | Infosys | Sokrati |
| Carwale | Innoplexus | Sutra Analytics |
| Cartesian Software | Inmobi | TCS |
| Chargebee | Intellicus Tech Pvt. Ltd. | The Smart Cube |
| CISCO | KPIT-Cummins | Trident Group |
| Clicklabs | Leap & Scale | Toppr |
| Codenation | MathWorks | VassarLabs |
| Dell R&D | Myntra | Works Application (Japan) |
| Deloitte | Mech Mocha | Wipro |
| Direct-i | Microsoft | WNS |
| Droice Labs | Mu Sigma | Yahoo |
| EarlySalary | Nagarro | Zolostays |
| Fiserve | Oracle | ZS Associates |

# IX National HR Summit' 17

## Overview

IIITM, a premiere institute and an Institute of National Importance under the Ministry of Human Resource Development (MHRD),Govt of India, hosts two days HR summit every year and to maintain the tradition it hosted its 9th HR summit in November 2017. Several Human Resource professionals from different parts of India and from different fields have articipated. The HR summit witnessed presentations and deliberations by eminent CEOs, senior HR professionals, researchers and academicians.

## Evolving Techno-Managerial leaders toward new India

Techno-Management is the integration of planning, design, operation and control of technological products, processes and services. A better definition would be the management use of technology for human advantage. The evolving trend of design thinking in the technological world can also affect the managerial aspect and bring out something innovative in the governance of the country. Techno-managerial leaders could blur the lines between public and private sectors and bring about development techniques that are right now far out of everyone's reach. With every increasing strength of information technology and artificial intelligence, new India could blossom into some of the greatest innovative ideas for social and communal benefit.
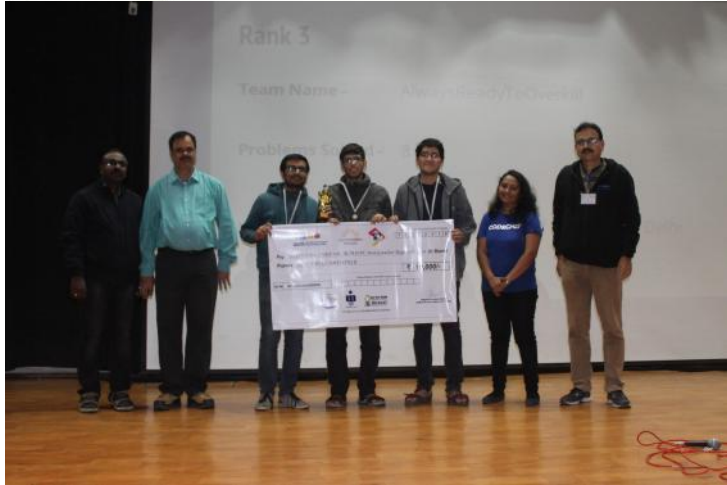
## Speakers from companies

NTPC — A Maharatna Company

WANDER

axcend — Committed to Values, Value Commitments

KRONOS®

Pernod Ricard — Créateurs de convivialité

# ACM ICPC – At a Glance





## Overview

The International Collegiate Programming Contest (ICPC) is a multi-tier, team-based, programming competition operating under the auspices of ACM and headquartered at Baylor University. The contest involves a global network of universities hosting regional competitions that advance teams to the ICPC World Finals. Participation has grown to several tens of thousands of the finest students and faculty in computing disciplines at almost 3000 universities from over 111 countries on six continents. ICPC Foundation is the Global Sponsor of this event. The other sponsors include JetBrains (ICPC global programming tools sponsor) and Codechef.

## Description

### About Gwalior-Pune Regionals

IIITM Gwalior and IIIT Pune are jointly hosting this year's ICPC Asia Gwalior-Pune Regionals under the auspices of ACM. ICPC Asia Gwalior-Pune Regionals 2019 is an Asian-level Contest. Teams across Asia can participate in this contest. Teams qualifying in the online contest advance to participate in the on-site contest and the winners of the on-site contest are eligible to participate in the world finals. 109 top teams participated from different institutes, 13 second-best teams from different institutes and 2 host teams, one each from IIITM Gwalior and IIIT Pune.

Date of Event: 15th December 2019

# Faculty

Prof. G.K. Sharma
Ph.D. (IIT Roorkee)

Prof. Rajendra Sahu
Ph.D. (IIT Kharagpur)

Prof. Shahikala Tapaswi
Ph.D. (IIT Roorkee)

Prof. Anupam Shukla
Ph.D. (NIT Raipur)

Prof. Aditya Trivedi
Ph.D. (IIT Roorkee)

Prof. Mahua Bhattacharya
Ph.D. (University of Calcutta)

Prof. K.V. Arya
Ph.D. (IIT Kanpur)

Prof. Pramod Kumar Singh
Ph.D. (IIT Kharagpur)

Prof. Joydip Dhar
Ph.D. (IIT Kanpur)

Prof. Manoj Patwardhan
Ph.D. (Jiwaji University)

Prof. Anurag Shrivastava
PDF (Uppsala University, Sweden)

Prof. Pankaj Shrivastava
Ph.D. (Allahabad University)

Prof. Naval Bajpai
Ph.D. (Pt. Ravishankar Shukla
University, Raipur)

Prof. Manisha Pattanaik
Ph.D. (IIT Kharagpur)

Prof. Gyan Prakash
Ph.D. (IIT Kanpur)

Dr. Gaurav Agarwal
Ph.D. (Bundelkhand University, Jhansi)

Dr. Ritu Tiwari
Ph.D. (NIT Raipur)

Dr. Manoj Dash
Ph.D. (Berhampur University,
Odisha)

Dr. K.K. Pattanaik
Ph.D. in Engineering (BITMesra)

# Faculty

**Dr. Ajay Kumar**
Ph.D. (IIT Roorkee)

**Dr. Vinay Singh**
Ph.D. (IIT Kanpur)

**Dr. Vishal Vyas**
Ph.D. (VikramUniversity, Ujjain)

**Dr. W. Wilfred Godfrey**
Ph.D. (IIT Guwahati)

**Dr. Anuraj Singh**
Ph.D. (IIT Roorkee)

**Dr. Prasenjit Chanak**
Ph.D. (IIEST Shibpur)

**Dr. Saumya Bhadauria**
Ph.D. (IIT Indore)

**Dr. Neetesh Kumar**
Ph.D. (JNU)

**Dr. Gaurav Kaushal**
Ph.D. (IIT Roorkee)

**Dr. Santosh Singh Rathore**
Ph.D. (IIT Roorkee)

**Dr. Pinku Ranjan**
Ph.D. (IIT Dhanbad)

**Dr. Somesh Kumar**
Ph.D. (IIT Ropar, Punjab)

**Dr. Sunil Kumar**
Ph.D. (IIT Guwahati)

**Dr. Debanjan Sadhya**
Ph.D. (IIT-BHU)

**Dr. Binod Prasad**
Ph.D. (NIT Durgapur)

**Dr. Arun Kumar**
Ph.D. (ABV-IITM Gwalior)

**Dr. Rajesh Rajagopal**
Ph.D. (IIST Trivandrum)

**Dr. Vinal Patel**
Ph.D. (IIT Gandhinagar)

**Dr. Jeevaraj S**
Ph.D. (NIT Thiruchirapalli)

# Why recruit from IIITM?

Since its inception in 1997, IIITM, an autonomous institute set by the Government of India, is an effort by MHRD towards creating highly motivated and assiduous professionals in the field of Information Technology and Management. Our long run objective is reflected in our vision which states Global excellence in knowledge economy. IIITM focusses on all-round development and grooming of the extra-curricular activities with quality studies aids in moulding the students into dedicated corporate professionals.



## Finest students of the country

The students of IPG (B. Tech + M. Tech/MBA) in IT and Btech in CSE are selected through JEE Mains and represent the top 0.5% of the candidates appearing for this tough examination. These finest of the students have a desire to forge ahead by gaining knowledge and expertise and have proven to possess finest of the analytical, verbal, technical and managerial skills.



## Adaptive Curriculum and Top-Notch Faculty

The academic curriculum of the institute is flexible and adaptive to the changing industry trends with an intention of keeping the students abreast with the evolving field of Information Technology. The institute is one amongst the few institutions having an all Ph.D. faculty, who persistently motivate the students towards gaining excellence and developing a successful professional career.



## Overall Development

The various clubs of IIITM like *'Uthaan' 'AASF' 'e-Cell' 'Rotaract Club of Youth' and 'Student Activity Council (SAC)'* provide a unique platform for students to involve themselves in administrative and managerial activities of the institute. Annual technical fest Mind Over Matter (MOM), techno-managerial fest 'Infotsav' cultural fest Aurora as well as sports fests 'Urja' and 'Twaran' are instrumental in developing the personalities of students and giving them the platform, they require of become dynamic and enigmatic.

# Why recruit from IIITM?

### Consummating Technical Skill Set

Every year our students take part in renowned programming competitions like ACM-ICPC, Google Summer of Code, Google Code Jam, SPOJ, Code Chef, Hacker Earth, Hacker Rank etc. Apart from this, our institute hones the finest developers in the field of Web and android who are perpetually proving their worth by interning in revered organizations.

### Industry exposure to students

The institute in collaboration several national and international universities, is actively involved in a lot of research projects. The students also take up compulsory research projects during their B. Tech as well as M. Tech which acquaints them with the practical aspects of studies and pre-final year internship to keep themselves adept with the current industrial practices.

### Hub of Technology and Innovation

The students here at IIITM are groomed to step into daunting challenges and continuously pushing themselves by innovating and creating worthwhile applications and projects for the benefit of the masses. The 19 laboratories of IIITM provide exposure for exploiting technology to create world class products and services.

### Successful Alumni History

The alumni of our institute have now set their mark as experts and leaders in their fields and are doing cutting edge work, by bring a pioneer in their organization's development, creating their own start-ups as well as pursuing higher studies and quality research.

# Alumni – Our Pride

**Abhishek Kishore Gupta**
India Lead GCC Market
KPMG India

**Anil Choudhary**
Senior Machine Learning Engineer
QuantumBlack

**Ankit Verma**
Director - Management Consulting
PwC India

**Atishay Jain**
Associate Director
KPMG India

**Deepak Gupta**
Principal Consultant
Orcale

**Dhruv Joshi**
Senior Manager – Advisory
Services (AIM)
EY

**Himanshu Jha**
Head Buiseness Intelligence
Power Data Labs

**Kaluri Venkata Kiran**
AVP
HSBC

**Kanupriya Garg**
Business Intelligence Engineer
Amazon

**Mohit Vaish**
Senior VP and Buiseness Head
Aujas

**Mukesh Pal**
Global Category Manager
SKF Group

**Naveen Sharma**
Scientist
CSIR, Ministry of Science and
Technology , GOVT. OF INDIA

**Nitesh Kumar**
Global Head
BNP Paribhas, London

**Nirvaan Baid**
Senior Account Strategist
Google

**Parminder Singh**
Head Public Policy &
Corporate Affairs
Wipro

**Prakash Upadhyay**
SaaS (ERP) Software Architect
Oracle

**Raghammudi Satish**
GM Global Delivery and
Automation Head
Wipro

**Raghvendra Singh**
Program Management
Citi Bank

**Rajesh Nair**
Group Director, Strategic Initiatives
Becton Dickinson Company

**Rajul Anand**
Applied Research Engineer
LinkedIn

**Ramesh Chandran**
Software Dev Engineer
Microsoft

**Samarth Manish**
Quantitative Analyst
Google

**Shadab Hussain**
Director - Data, Analytics and
AI Sales
Wipro

**Shiladitya Dasgupta**
Senior Vice President
ICICI Prudential Life Insurance

**Sreeraju Nichenametla**
Associate Director
Clairvoyant India

**Supragya Dikshit**
Consulting Leader
Cognizant

**Tarachand Bhawnani**
Manager
PwC US

**Tushar K**
Senior Consultant
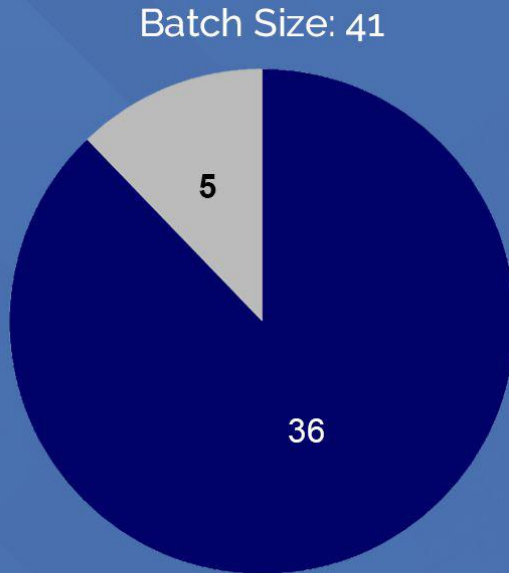EY

**Tarun Bhatia**
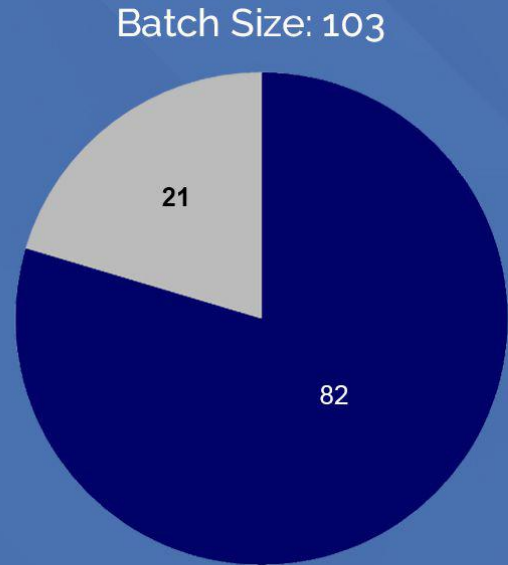Sr. Business Analyst
Poly

**Vineet Chauhan**
Co-Founder
Repup

# DEMOGRAPHICS

BCS (B.TECH – CSE) and IPG (B.TECH+M.TECH – IT)

## Diversity

| Batch Size: 41 | Batch Size: 103 |
|---|---|

5

36

21

82

BCS (B.TECH – CSE)

IPG (B.TECH+M.TECH – IT)

■ Males    ■ Females

## Key Competencies

**BCS (B.TECH - CSE)**

Development (Android stack, MERN stack, Python Stack)
Data Science, Machine Learning, Data Analysis
Database (NoSQL, SQL)
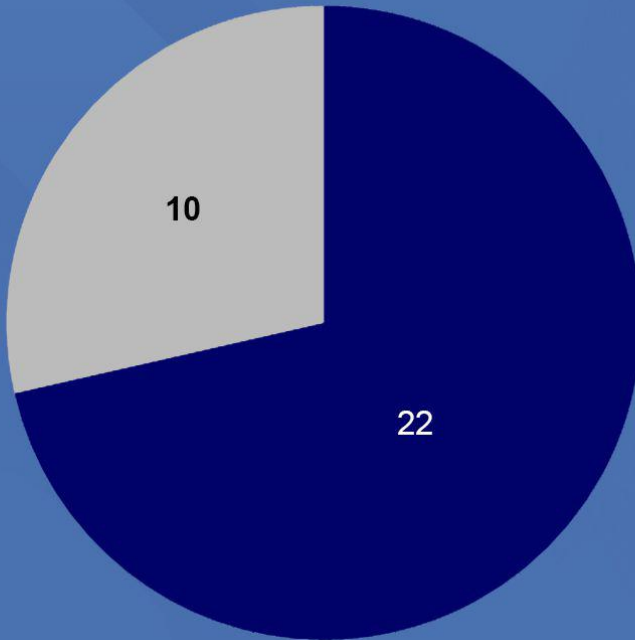Core Programming (C++, JAVA, Python)

**IPG (B.TECH+M.TECH – IT)**

Full Stack Development (Node PHP, DJAngo PHP)
Block Chain
Development (Android stack, MERN stack, Python Stack)
Data Science, Machine Learning, Data Analysis
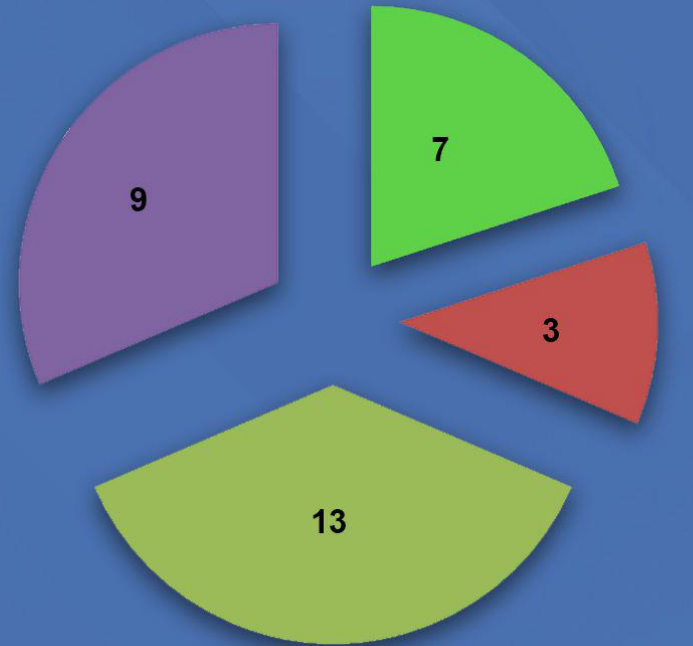Core Programming (C++, JAVA, Python)

# DEMOGRAPHICS
## M.TECH

### Diversity

Batch Size: 35

Males: 22
Females: 10

- Males
- Females

### Strength

- Computer Networking: 7
- Digital Communication: 3
- Information Security: 13
- VLSI: 9

**Legend:**
- Computer Networking
- Digital Communication
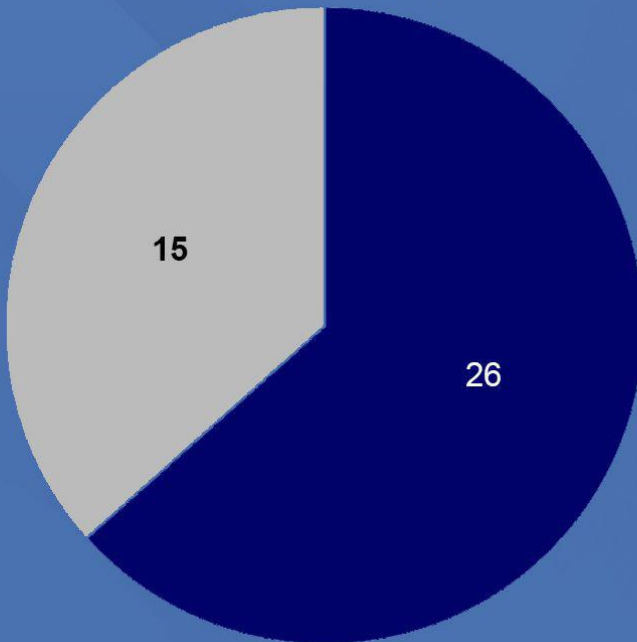- Information Security
- VLSI

## Key Competencies :

Machine Learing
Iinternet of Things
Multiple access techiniques for 5G
Python, C++, JAVA
Infratructure design, setup, configuration(CN)
Redundant Systems(CN)
Performance matching(CN)
System on Chip (SOC)
Network on Chip (NOC)
Massive MIMO Communication
Antenna design for wireless communication
DRA and DRO antenna

# DEMOGRAPHICS
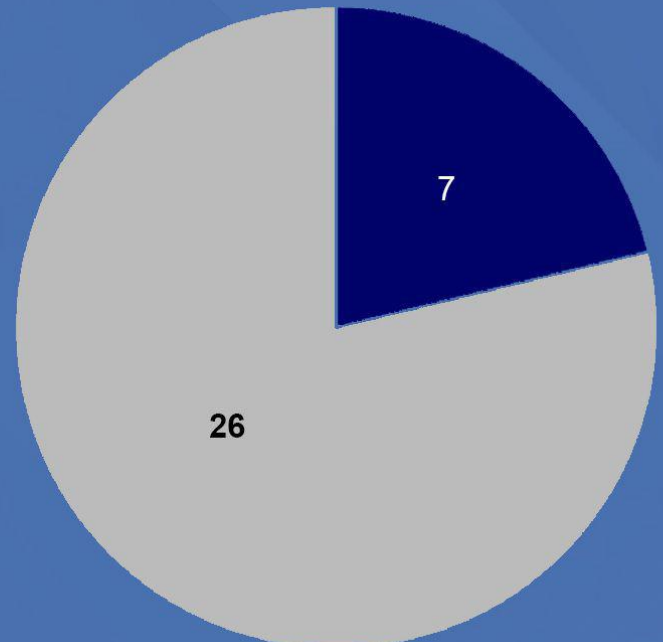IPG (B.Tech+MBA) and MBA

## Diversity
### Batch Size: 41

- Males — 26
- Females — 15

## MBA Professionals

- MBA Work-Ex — 7
- MBA Freshers — 26

## Key Competencies :

Problem solving and analytical skills
Initiative
Ability to leverage technology
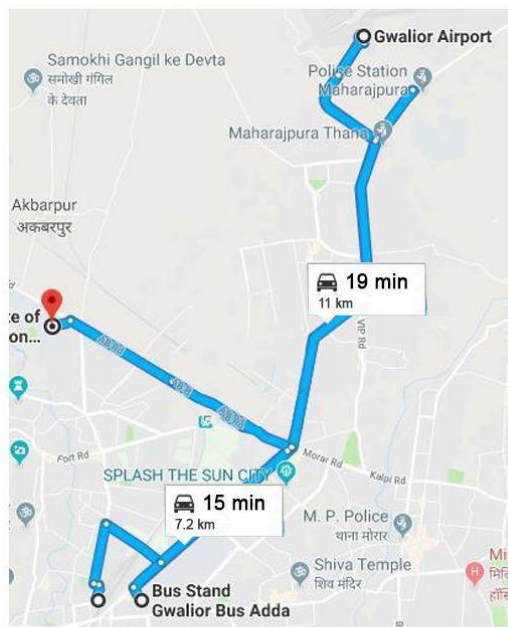Interpersonal and communication skills
Strategic thinking and planning abilities
Time Management and Project Management Skills

# Atal Bihari Vajpayee Indian Institute of Technology and Management

विश्वजीवनामतं ज्ञानम

## Global excellence in knowledge economy



## Guide map to ABV-IIITM Gwalior

IIITM is easily accessible from Rail, Air and Road. Distance from each source is given below:
RAILWAY STATION-17 mins (7.4 Km)
AIRPORT -24 mins (10.9 Km)
BUS STATION -15 min (7.2 Km)

## Contact:

T&P Cell, ABV-IIITM Gwalior
Telephone: (+91)751-2449736
www.iiitm.ac.in
placement@iiitm.ac.in
placement.iitmg@gmail.com

Contact Person:
Mr. Omvir Singh Bhadauria
(SPOC)
(+91)9827259179