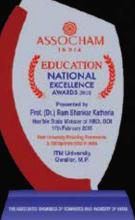


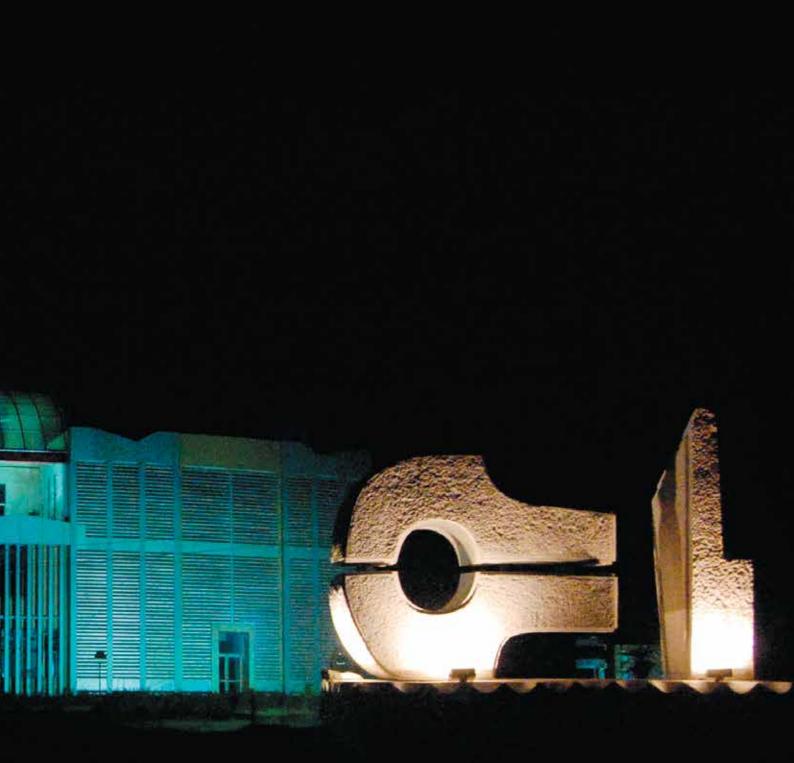
UNIVERSITY GWALIOR • MP • INDIA "CELEBRATING DREAMS"

# ACHIEVE YOUR DREAMS

# Annual Report 2020-21



"Best University Providing Placements & Entrepreneurship in India" Awarded on 17 Feb. 2016 by Prof. (Dr.) Ram Shankar Katheria, Hon. Minister of State for HRD, Govt. of India, selected by a process and Jury approved by HRD (GOI) & Assocham. ITM UNIVERSITY



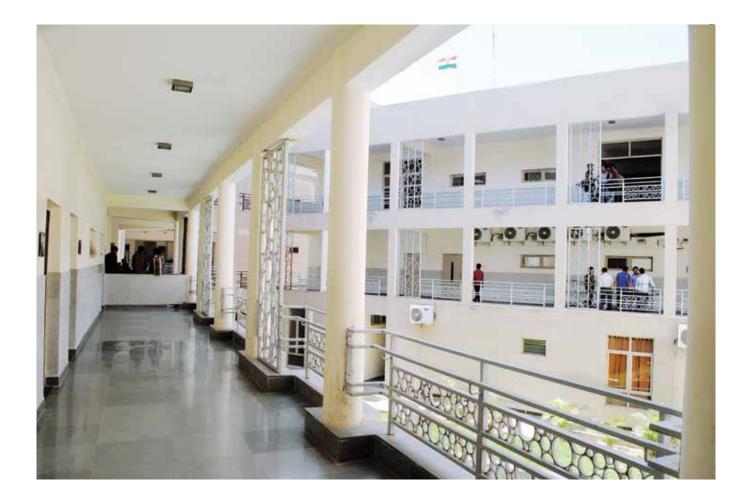
ITM University Gwalior is established by the State Legislative Act of Madhya Pradesh Govt. under 2(f) of the UGC Act and having Right to confer Degrees/Diplomas under 22(1) of the UGC Act for its various courses. ITM University Gwalior is notified by UGC vide letter No. F.No. 8-21/2011(CPP-I/PU) dtd. 16.08.11 & recognised by concerned statutory bodies of Govt. of India. ITM University Gwalior is a member of Association of Indian Universities (AIU).

Multi Cultural, Pluralistic, Liberal, Knowledge and Research Centric Campus









Mahatma Gandhi Block, ITM University Campus



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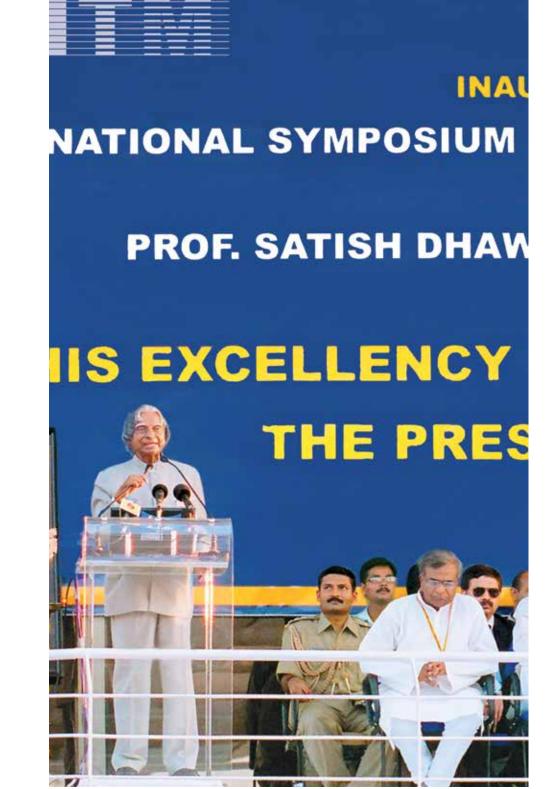


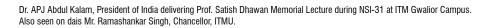


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Madhya Pradesh



ज्ञान-विज्ञान विमुक्तये University Grants Commission



Association of Indian Universities, New Delhi

AlCTE, Ministry of IRD, Govt. of India, New Delhi



Madhya Pradesh Private University Regulatory Commission



Indian Nursing Council Govt. of India









#### **Welcome to ITM University Gwalior**

You're probably already aware that ITM University Gwalior is one of the best universities in India in terms of its academic reputation and infrastructure, but did you also know:



Source: National Institutional Ranking

Framework, Ministry of HRD, Govt. of India

ITM University Gwalior offers virtually unlimited opportunities for inquiry, discovery, and education with uniquely crafted educational programmes -- and yet is a close community that provides a real sense of belonging. Here it is like playing under the most inspiring captain who brings his team together and infuses it with a great sense of energy and motivation during all times.

David Warner



65,726\* placement opportunities provided to students

82% Engg. students placed in 2016 batch 94% of total students have been placed from the last 3 batches of MBA

510<sup>\*</sup> major industries & MNC corporate recruiters

3440 students placed in last 3 years

Minimum O placement opportunities provided to eligible students

Regardless of your pre existing knowledge of the University, our website is worth a visit!.

# VISION, MISSION AND VALUES

#### Vision

- To emerge as a global hub of knowledge creation, cutting edge research & development and the centre for development of skills to create entrepreneurs capable of contributing to different fields.
- To emerge as a preferred choice for students at global level to pursue their passion would help develop them as leaders in their respective fields.

#### Mission

Our mission is to advance, network and disseminate knowledge in a way that helps in creating contributing citizens to global society. We aim at delivering knowledge that blends academic rigour, curiosity and intellectual simulation. Education at ITM University Gwalior should help students becoming capable of judicious introspection and objective reflection. Our students are expected to be capable of raising pertinent questions, challenging status-quo, change-catalyst, serve as team players, have quest for lifelong learning, aim realizing their full potential and have an intent of serving society.

#### Values

#### We understand:

Role of a University in the society, principles of inclusivity and diversity, shared governance, role of rich academic debate, importance of sustainable development, cultural plurality and freedom of thought & expression.

#### We value:

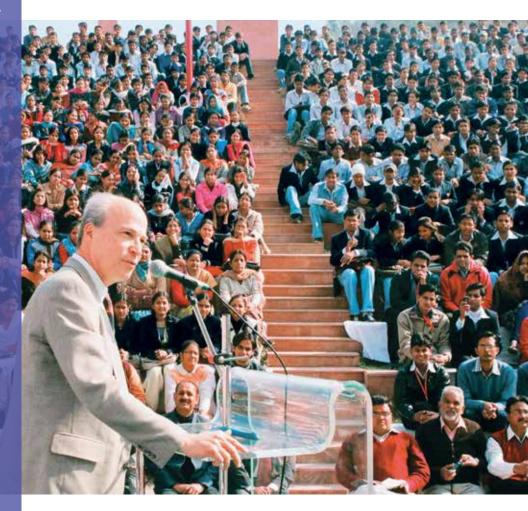
Inquiry, scientific temper, social justice, creativity, differing perspectives, innovation, academic freedom, dialogues, excellence, quality and service motive.

#### We promote:

Learning culture, research, ethical behaviour, Indian ethos and values, entrepreneurship, spirit of inquiry, wellrounded personality, practical learning and merit. Dear students, faculty and staff of this fine university in Gwalior. It has been delightful, stimulating and memorable to visit and discuss science with you today. I wish to encourage your interest and enthusiasm for science. I hope to assist you further in your efforts in the future. All good wishes.

#### **Roger Kornberg**

Dept. of Structural Biology, Stanford School of Medicine, Stanford University CA 94305, USA



#### Contact us

Toll Free 1800 270 0031 Telephone 0751-2440057/59/65 Email admission@itmuniversity.ac.in

#### Postal Address

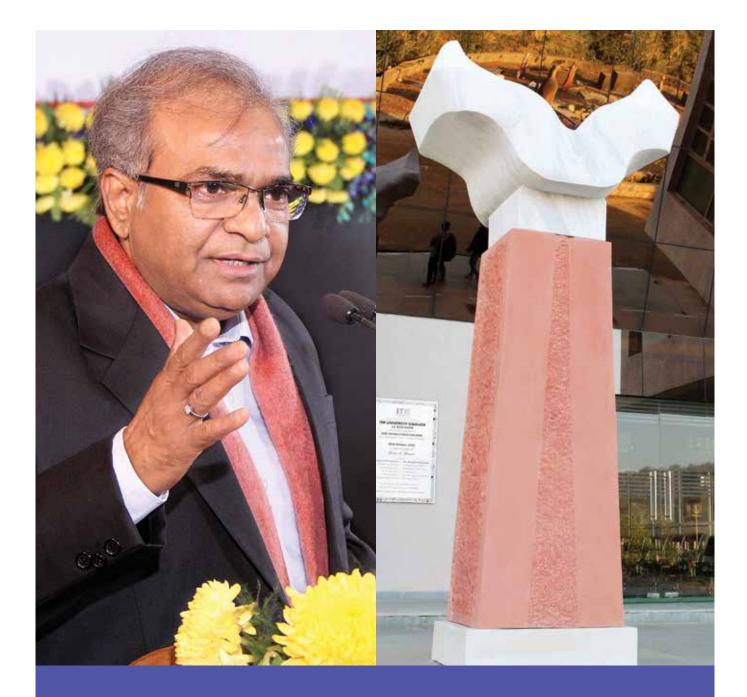
ITM University Campus Turari, By-pass, Jhansi Road, Gwalior, (M.P.) - 474 001-India Website: www.itmuniversity.ac.in



https://twitter.com/ITMUniversity







"... nothing gives me more happiness & satisfaction than seeing smiles on the faces of young boys & girls as they enjoy the learning process in the Campus, make life long friends, work hard to cope with the challenges of their curricular & co-curricular schedules and indulge with vigour in extra-curricular activities, find time to enjoy life, groom themselves as fine Ladies & Gentlemen sensitive to global Arts & Culture, ready to plunge into their chosen professions and finally work overtime to care for their immediate & Global family and see that Mother Earth and all its inhabitants are saved from catastrophic human interventions.

I do believe of these young people becoming ethically right, successful & enjoy their lives to the fullest..."

Ramashankar Singh Founder Chancellor

#### MESSAGE MANAGING TRUSTEE



At ITM University Gwalior, we seek self-motivated individuals who believe in charting their own methods of learning, who take full advantage of the opportunities, and are willing to contribute their very best. They will join a rewarding network of scholars, advisors, academia and alumni who have attained some of the most coveted positions in the industry and society in India and abroad. Education at ITM University Gwalior is filled with challenges and rewards limited only by the boundaries of your energy, imagination and the willingness to take challenges. We believe in involving our students as collaborators, stakeholders and colleagues; after all there is so much to learn from each other both within the classroom as well as outside.

ITM University Gwalior campus is ever bubbling with creativity of world renowned Artists in different disciplines interacting with our students. Scholars, Heads of Govts., Noble laureates, Policy makers and opinion framers & Vice-Chancellors keep visiting us at regular intervals to guide and inspire students and staff.

The campus is perceived as hub of academic & artistics activities with no parellel around.

I invite you to be a part of the fraternity in these challenging yet promising times and contribute towards creating a harmonious, peaceful and rewarding future.

Kanupriya Singh Rathore Managing Trustee





Today as I sit to write the message for the brochure of year 2015, I don't have anything else in mind but Dr. Abdul Kalam as he left his earthly abode last evening for his eternal journey. Therefore, I would like to dedicate this years message to the great man and incomparable teacher. He was a great teacher above everything else and dedicated a major part of his life in teaching people of all ages. We are fortunate as Dr. Kalam visited ITM Universe for a national conference when he was The President of India and has left an ever-lasting impression on the minds and hearts of entire ITM Family. He always said that the youth has great possibility and capability to reach to never before achieved heights in every field, and as teachers we only have to direct and motivate them. As students you all must realize the potential within you and keep on working hard to do better and better everyday. He proved that its not money, resources or facilities which are important in reaching to never achieved echelons in any field but more important is the positive attitude, discipline and hard work. A student must understand the importance of positive attitude, discipline and hard work as without these, any number of resources can not help them succeed. Students must know the code of conduct otherwise they lose direction and focus. Dr. Kalam always stressed on these points whenever he addressed students.

We announced national level scholarship named after Dr. Kalam to foster innovation amongst students. It will be provided to students for the best project at school level and university level. It is a small contribution in taking forward the mission of the Missile man to help students to do innovative things. It is a tribute from ITM Gwalior family to the man who will never die in hearts of all Indians specially of the students and teachers. I hope that the students will follow the great teaching of the legend and make use of all the resources and facilities with a positive attitude, discipline and work hard to realize their dreams.

Ruchi Singh Chauhan Chancellor



#### MESSAGE PRO CHANCELLOR



This year has been a very successful year as we have witnessed huge number of students getting on campus dream jobs. This year first batch of Engineering graduated and I am happy to share that almost all big MNC's, which recruits fresh graduates, visited us for campus placement activity. All the companies were quite happy with the performance of our students and appreciated the training efforts of the university. We are hopeful of welcoming them for the future batches also.

We are expecting much bigger and more reputed brands in future and hence students have to work much harder to convert those opportunities into success. I would like to advice all dear students to do not wait for the final year to come to start the preparations but to start the preparations for the future endeavors from day one.

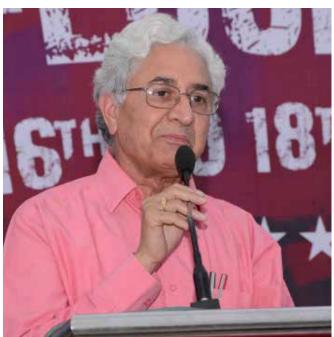
One more good activity started in university as Idea Pad. Idea Pad is the incubator of the university, which provides required guidance and facility to young budding entrepreneurs. Idea Pad received 24 ideas out of which 14 could be converted into prototypes and I am happy to inform that 4 prototypes became products. These 4 companies are today operating from campus incubator and have turnover of 30 to 60 lacs in last six months. One of the prototype which is on the verge of registered as company is of a student from first year. I am sure students of ITM University will start many more companies in future and will be job providers rather than job seekers. We are committed to all such students who dream big and work hard to realize the dreams.

**Dr. Daulat Singh Chauhan** Pro Chancellor



#### MESSAGE VICE-CHANCELLOR





Welcome to the ITM University, Gwalior- a unique institution of higher learning and academic excellence. The 'core values' of this University is derived from its engagement with high quality teaching and excellence in research.

We would like to see our students glow with the radiance of knowledge. We intend to sharpen their observations, improve their communicative skills and help develop in them objective minds and sensitive hearts. Our emphasis on value-oriented knowledge sharing approach infuses them with the courage and confidence to stand by truth in all walks of life. By upholding innovations in teaching and learning, strong industry-academia linkages and partnerships with the top academic institutions of the world offer our students the most vital edge over others to emerge as world class professionals in their own chosen fields.

Our academic programs reflect the recent developments in technology, research and practical training besides allowing unlimited academic freedom, diverse choices in course combinations and international exposures. ITM University, Gwalior thus offers a very dynamic innovation-ecosystem. It stands as a blooming nursery of knowledge, where everyone will be encouraged to pluck as many flowers as they wish in order to add beauty and fragrance of wisdom in their lives.

We warmly invite all young aspirants, inquisitive minds and dreamers to join us and experience the thrill of treading ahead on the glorious path of knowledge.

Prof. Dr. Kamal Kant Dwivedi Vice-Chancellor

# **OFFICIALS**

Visitor (Kuladhyaksha) His Excellency the Governor of Madhya Pradesh (Ex-officio)

Founder Chancellor & Chairman Shri Ramashankar Singh

**Chancellor & Trustee** Smt. Ruchi Singh Chauhan

**Pro Chancellor** Dr. Daulat Singh Chauhan

Chairperson, ITMU Vadodara Smt. Kanupriya Singh Rathore

Advisor Ms. Palak Singh

Vice Chancellor (Kulpati) Prof. Kamal Kant Dwivedi

Advisor to Chancellor & Dean (Computer Applications) Prof. R. D. Gupta

**Dean (Engineering)** Prof. Ranjeet Singh Tomar

Dean (Science) Prof. Richa Kothari

**Dean (Pharmacy)** Prof. A. Balasubramaniam

**Dean (Academics)** Prof. Santosh Kumar Sharma

Dean (R & D) Prof. Shyam Akashe

Dean (International Cooperation & Projects) Prof. Y. C. Goswami

Dean (Industry Interaction & Consultancy) Prof. R. K. Jain

Dean (Management/Commerce) Prof. Vandana Bharti

Dean (Agriculture) Prof. Shiv Singh Tomar

Dean (Physical Education & Sports) Prof. Indu Mazumdar

Dean (Nursing) Prof. Mini Anil

**Dean (Student Welfare)** Dr. Shashikant Gupta

Chief Proctor Dr. Mukesh Pandey

**Registrar and Director (HR)** Dr. Omveer Singh

**Controller of Exmaination (CoE)** Dr. Manish Sharma

Chief Finance & Accounts Officer Shri Ajay Kumar Khatri





# **BOARD OF ADVISORS**



**Prof. A. R. Kidwai** Ex-Governor, West Bengal and Bihar, Ex-Chairman, UGC

Padma Bhushan Dr. V.K. Saraswat Ex-Director General, DRDO

Padma Shri Dr. Uma Tuli Social Activist & Chairperson, Amar Jyoti Trust

Padma Shri Col. Rajyavardhan Singh Rathore, MP Olympian, Double Trap Shooting

Padma Shri Mr. Nida Fazli Poet

Mr. Ashok Vajpai Eminent Poet & Art Critic

**Dr. Naresh K. Malhotra** Senior Fellow, Georgia Tech CIBER Regents' Professor Emeritus, Georgia Institute of Technology (Georgia Tech)

Prof. N. Ravichandran IIM, Ahmedabad

**Prof. P.B. Sharma** Ex-Vice Chancellor, Delhi Technological University

Prof. S.G. Deshmukh Director, ABV-IIITM, Gwalior

**Dr. Ranjana Kumari** Women Rights Activist

**Prof. Rajiv Lochan** Director, National Gallery of Modern Art, New Delhi

Mr. Rajat Sharma Senior Journalist, India TV

Mr. T.S. Rangarajan Senior Consultant, TCS

**Mr. Nitin Desai** Under Secretary General, Department of Economic and Social Affairs, United Nations

**Dr. Chandan Choudhary** Managing Director, Dassault Systemes India Pvt. Ltd.

Mr. Tirthankar Banerjee Director, HP India

**Prof. Shailendra Singh** Human Resource Management Group, Indian Institute of Management Lucknow

Dr. G.S. Reddy Principal, S.N.D.S., Indore

**Mr. Bhagyesh Choubey** Director, Risk Division Credit Suisse, Singapore

**Prof. Shiva Prasad** Dean of Academic Affair & Professor of Physics, IIT Mumbai

**Prof. Vikram Kumar** Former Director, SSPL, Delhi, Presently at Centre for Applied Research in Electronics, IIT Delhi

**Dr. P. K. Gupta** Distinguished Scientist, Head Laser Biomedical Applications & Instrumentation Division, RRCAT, Indore

**Prof. Ashok Ambastha** Udaipur Solar Observatory, Dept. of Space, Govt. of India, Udaipur

Dr. P. S. Pathak Former Director, IGFRI, Jhansi, U.P.

**Dr. (Col.) Archana** Principal, R.D. Memorial, Bhopal

**Dr. K. Lalitha** Principal, College of Nursing, NIMHANS, Bangalore

Shri Rajiv Mishra Ex-CEO, Lok Sabha TV Vice-President, Samsung

Mr. Shuva Prasanna

Painter

Ms. Kalapini Komkali Classical Singer

**Dr. Prem Aggarwal** Prof. National Heart Institute, New Delhi

**Prof. P.C. Jain** Principal, Shri Ram College of Commerce, Delhi University, Delhi

**Dr. M.M. Roy** Director Central Arid Zone Research Institute, Jodhpur, Rajasthan

**Dr. Santosh Mehta** R.A.K. College of Nursing, New Delhi

**Dr. Kalai Selvan** Principal Scientist, Pharmacopoeial Commission of India, Ghaziabad

**Dr. P.K. Mukherjee** Director, School of Natural Products, Jadavpur University, Kolkata

**Prof. Raj S Dhankar** Dean FMS, Delhi University

### WHY ITM UNIVERSITY GWALIOR IS THE RIGHT CHOICE FOR YOU...



#### **Invent Your Future**

At ITM University Gwalior you get an opportunity to link your studies to your career plan and personal goals by using combination of compulsory credits, optional credits, self-learning credits, MOOC, non-cgpa credits for curricular and extra-curricular activities. Here you get enormous opportunity to share your ideas and domain expertise with industry leaders. Technically you can craft your own degree.

#### **Join a Community of Innovators**

Welcome to the world of university-based innovation development and commercialization opportunities to potential research collaborators, licensees or inventors. This University is designed to cultivate research and innovation activities in collaboration with industry and other academic institutions. We leverage our research collaboration, incubation centre, consultancy skills & enterprise training to offer a perfect eco-system to young innovators where you, along with your research and ideas, can converge in meaningful, life-changing ways with industry and the entrepreneurial community.

#### It's an experience

You can stretch assignments outside the box in an area of interest where you have little or no experience to get a well rounded personality. The University offers you a wealth of different opportunities to make your university experience unforgettable. Try to have an art (like painting, dancing, creating music, etc.) a sport (can be a part of University level competition organised by Association of Indian Universities-AIU-on all India basis) and some hobbies (like crafts, collecting, etc.). Coming to university is also about developing as a person and gaining experience and skills to help you succeed in your studies, and with whatever you choose to do after university. You can take advantage of opportunities to gain recognition for activities undertaken outside the curriculum. This will help you demonstrate how you have made the most of your time at university, and gained valuable skills and experience that will enhance your employability and help you achieve your potential.

#### A few pride inducing facts about ITM University

#### We are one of the most awarded University of the country..

ITM University Gwalior is one of the most awarded Universities of the Country. It has received awards in the area of innovation, creating employment opportunities, industry interface, teaching-learning processes and others.

#### Our graduates get jobs

ITM University Gwalior is an offshoot of ITM Group of Institutions which has had a presence in academics for last 17 years. We have been rewarded by ASSOCHAM for creating highest employment opportunities. 44,899 employment opportunities have been provided to students till date by the group.

#### We offer courses co-created with industries

ITM Univeristy Gwalior has uniquely inverted process of

creating and offering courses. Now industries are creating courses and taking care of grooming students end-to-end, and connecting them with employment opportunities.

#### **Recognized and Accreditated Degrees**

University has approvals of UGC, AICATE, CoA, NCI, NCTE, PCI, INC etc. Deptt. of Science is accrediated by NAAC . The University is IOA accreditated.

#### We're digital yet personal

All our courses are delivered via e-learning platform making learning more customized, personal and 360°. We work on three e-platforms viz., Management Information System (MIS), Student Information System (SIS) and Smart Campus (ERP Software) to offer students personal and customized academic and administrative services 24X7 hrs.

#### We aim at world-class research

Research publications at the University have surged to 400 during last 04 years. Research papers written by our faculties are among the most downloaded papers in their field.

#### We are among few in the country to implement PBL (Project Based Learning)

Projects driven by 'need to know' fuelling inquiry and innovation are part of all the subjects offering holistic perspective of concepts and assimilation of knowledge and inculcating valuable skills. At ITMU projects are part of all courses you study.

#### **Craft your own degrees**

All subjects that are the part of the programme are only proposed ones. Students can craft their degrees selecting few MOOC courses and online courses from foreign universities.

#### **Pursue Your Passion**

You get ample opportunities and space to pursue activities that drive you. Students' clubs ranging from fine arts, music, painting, sculpture and others help you not only to unleash your potential but also offer a sense of fulfillment.



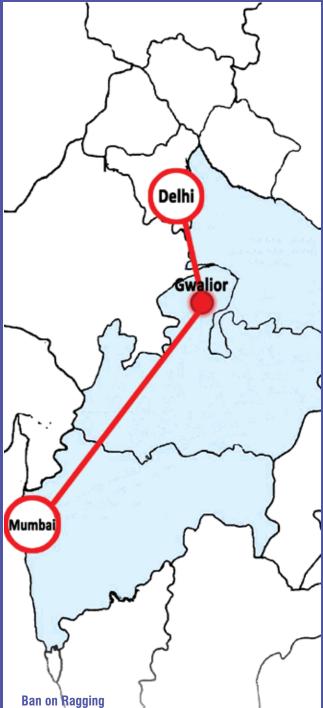






# LOCATION OF THE UNIVERSITY





It is brought to the notice of students & other stake holders that Ragging is totally banned in all Institutions / Schools of ITM University run by Samata Lok Sansthan Trust at Gwalior & Vadodara and anyone found guilty of ragging and/or abetting of ragging is liable to be punished as per directions of Hon. Supreme Court of India and of UGC & AICTE as hosted on their web-portals. Such Elements involved in ragging shall be handed over to Police for Lawful action.

"Coming from Kenya, I wanted to do an MBA to broaden my understanding, give me more insight, and to enable me to make my input more effective, ITM University, Gwalior MBA Programme promised the delivery of all that, and succeeded in living up to its promise. The learning throughout has been exceptional, from the overall quality of teaching delivered, the group work dynamics and interactions during class. The Case Studies got me thinking about Finance, Human Resource, Strategy, Marketing, Persuading and much more into Public speaking. ITM University, Gwalior shaped me become a better person. Thank you ITM University School of Business, Gwalior, Thank you India."

Feisal Yahya Mohamed, Kenya



# **INNOVATIVE** TEACHING-LEARNING PROCESS

The teaching-learning process has been evoled benchmarking global best practices, research in higher education and reflections of stake holders.



### Employers express greatest confidence in the following practices to help students succeed beyond graduation

- Develop research questions in their field and evidencebased analysis (83% will help a lot/fair amount)
- Complete a project prior to graduation that demonstrates their acquired knowledge and skills (79% will help a lot/fair amount)
- Complete an internship or community-based field project (78% will help a lot/fair amount)
- Develop the skills to conduct research collaboratively (74% will help a lot/fair amount)
- Acquire hands-on or direct experience with the methods of science (69% will help a lot/fair amount)
- Work through ethical issues and debates to form their own judgments about the issues at stake (66% will help a lot/fair amount).

[An Online Survey Among Employers Conducted on Behalf of The Association of American Colleges and Universities (2013) available at http:// www.aacu.org/leap/documents/2013\_EmployerSurvey.pdf]

#### Teaching

- It is a mix of -
- Lectures
- Projects
- Field trips
- Simulation
- Case Studies
- Experiments
- Role Plavs
- Industry-Visits etc.

You will undergo an experience that would challenge your current perspectives and assumptions. Articulation of critical thinking, complex problem solving, written & oral communication and practical implementation of thought are the core ethos of academic pedagogy of ITM University.

#### **Rich Curriculum**

Curriculum of different courses is developed by a committee comprising of senior professors from the best Institute (IIT, IIM, NIT etc.) and top Industries.

#### Inclusion of courses developed by Industry

The University has involved professionals from top Industries of different fields to develop all most all the courses so that the students are trained as per real requirement of the core Industries. In departments like CS, IT & ICT, Management, Commerce, Computer Applications courses developed by Infosys, Cisco, Oracle, Informatica, Safexpress, Dale Carnegie etc., have been included in the regular curriculum to make students Industry ready.

#### **Continuous Assessment System (CAS)**

ITM University is first to adopt Continuous Assessment System which is being adopted by IITs, IIMs and best universities of world. All programme are offered using Choice Based Credit System, Multiple Entry & Exit option and Semester/Trimester system.

#### Wholesome Personality Development and 3600 view of Subject

ITM University is a Biggest Centre of co-curricular and extra-curricular activities which are very important for all round development of students. More than 500 experts from industry and research institutes visit University every year. ITM University is the preferred destination for performance by world renowned artists like Hari Prasad Chaurasia, Shiv Kumar Sharma, Girja Devi, Kala Ramnath, Palash Sen and Rock Bands like Indian Ocean, Euphoroia, Bandish, Aryans and many more.

#### **Flipped learning**

We use the concept of *flipped class* since what used to be classwork (the "lecture") is done outside of class and what used to be homework (assigned problems) is now done in class. The technology is used to time shift the delivery of content.

#### **Student Augmentation**

ITM University has active MOUs for providing certificate augmentation programmes on campus as per the requirement of industry. ITMU has MOU's with following companies for training: • HP (Hewlett Packard) • GCE India • Rockwell Automation, USA• Cambridge University • CAD Studio • Randstad India Limited •Think Lab, IIT Mumbai • Innovent Technology • Cisco.



# **COLLABORATIVE UPBRINGING**

"Universities can be a major resource in company's innovation strategy".

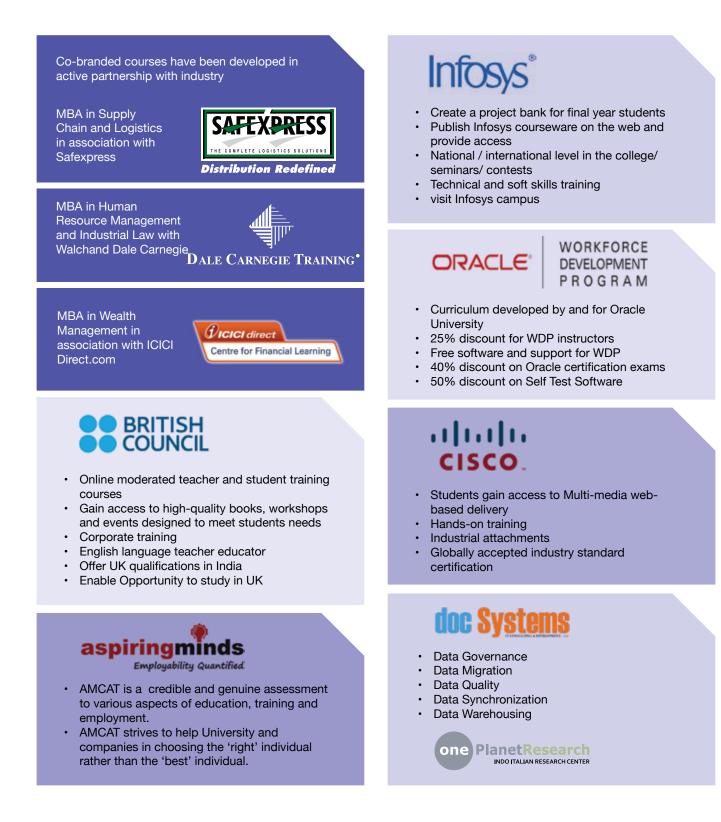
Pertuze, J. A., Calder, E. S., Greitzer, E. M., & Lucas, W. A. (2010). Best practices for industry university collaboration. MIT Sloan Management Review, 51(4), 83-90.

The University has built a range of partnerships in research, education and training - including with industry and business, professional associations, not-for-profit organisations, government funded research agencies, other educational institutions at national and international level.

With all industries and businesses increasingly dependent on human resources in a knowledge based economy, businesses increasingly rely on universities which remain world class and diverse. ITM University is already one step ahead, by building a range of strong partnerships in research and education. With these organisations the University has partnered to offer unique, relevant, challenging and appropriate programmes that factor in sumptuous exposer to real world practices and make student employment ready.



ITM University, Gwalior has been innovatively collaborating with industry to enrich the overall outcome for students in terms of knowledge and skills.



### RESEARCH AND DEVELOPMENT



All faculty members of the University are participating in creating new knowledge as well as working towards creating appropriate responses using existing knowledge. At ITM University we work on socially relevant problems, look for appropriate solutions and network globally with research community to advance present application and knowledge frontiers. ITM University, Gwalior is among the top research-intensive University. Our breadth of research activity is demonstrated by the fact the we are offering doctoral programmes in Life Science, Physical Science, Engineering, Management and Computer Applications.



cādence

#### **Research Labs Established**

- R & D Lab (Computer Science)
- R & D Lab (VLSI)
- P. C. Ray Centre for Central Research Facility

MATLAB

AutoCAD SPSS

- R & D Lab (Life Sciences)
- Synthesis Lab (Physics Lab)
- Research Lab (Chemistry)
- Labs in Management : Business Analytics and Financial Modeling

#### **Softwares**

Engineering and Technology

- Cadence
- MATLAB
- Autocad
- ORTEP-3
- MERCURY
- Omnet++
- NCTUns

#### Management

- SPSS 19.0
- E views 8
- R

#### **E-Journals**

- IEEE
- EBSCO
- ASCE
- ASME
- ASTM
- J-GATE
- Emerald

#### DELNET

- Journal full text (National and International)
- e-Books
- Multimedia Database
- e-Journals

# International Research Labs Accessed by the Faculties in their Research Work

- · University of Texas at Austin, Austin, TX 78712, USA
- Universita' di Ferrara, Via L. Borsari, Italy
- · Universite Joseph Fourier, Grenoble , France
- University of Manchester, UK
- Southampton University, UK
- National Dong –Hwa University, Taiwan

### National Research Labs Accessed by the Faculties for their Research Work

- · Central Drug Research Institute, (CDRI), Lucknow
- National Centre for Cell Science, (NCCS), Pune
- Indian Institute of Chemical Biology, (IICB), Kolkata
- Indian Association for the Cultivation of Science, Kolkata
  - Indian Institute of Technology, Kharagpur
- UGC-DAE Consortium for Scientific Research, Indore, India
- DRDE, Gwalior
- ABV-IIITM, Gwalior
- IIIT Allahabad

EViews<sup>®</sup> 8

Jiwaji University, Gwalior

#### **Funding Agencies**

- Department of Science & Technology (DST), India
- Council of Scientific & Industrial Research (CSIR), India
- Department of Biotechnology (DBT), India
- All India Council for Technical Education (AICTE), India
- M.P. Council of Science & Technology (MPCST), MP.

#### **Major Research Publishing House**

- IEEE
- IETE
- SAGE
- Elsevier
- Springer
- Bentham Science
- Inder Science Publishers
- Royal Society of Chemistry, UK.
- Taylor & Francis

#### **Major Achievements of Faculties**



# FACILITIES AND RESOURCES



We provide a perfect eco-system of state-of-art facilities and resources that compliment students' overall efforts in exploring different facets of life.

#### **Computing & IT**

Computing facilities are spread across the campus that helps students in knowledge acquisition and other academic work. In addition, a 60 mbps line powers a host of hot spots located in the campus.

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#### Library

ITM University's library is one of the largest library space in the state. University has been continuously enriching library in both ways (print as well as online) with big number of book and online resources. Digital library has been developed by University with 45 PCs enclosure. The multi media room has been especially dedicated for on line storage of web lectures, journals and e-content. Well maintained spacious reading rooms are available with reference sections consisting of various journals, books, magazines and newspapers.

The university library is computerized with E-granthalaya software package which is an integrated multi-user library management system.

#### **Convention Centre**

Convention Centre facility of the University includes an amphitheatre and 5 seminar halls. The largest amphitheatre of India at ITMU Campus is constantly holds witness to ever bubbling energies of youth.





Zero Gravity, Meditation Centre









# **STUDENT LIFE**

The purality of Indian and International culture at itmu exposes you to the dynamics of global society and makes your life a fun! You will find enormous opportunities at the university to explore and actualize yourself.

#### **Students' Club**

ITMU students do what they love. They join and lead clubs and activities that cover a wide array of recreational, athletic, cultural, artistic, and social interests. Such activities offer some of the most memorable, interesting and enjoyable aspects of our students' experience. These activities are instrumental in fostering leadership development, building community, providing outside the classroom learning and fun! Further these initiatives support the University's mission to educate leaders who make a difference in the world.



There are abundant opportunities to participate in clubs as well as activities that match students particular interests, whether students are looking for a diversion from academic life or want to have a significant impact on the community. Clubs organize a variety of events that provide distinct opportunities for refining learning, organizational management experience, exploring interest, meeting like minded people, socializing outside of the classroom, professional and personal skills.

If students don't find what they are looking for, we encourage them to start a new student club to explore your their passion! There's something (or probably two or three "somethings") for everyone.

#### **Art Club**

Art Club members minutely watch & learn the process of art creation at different symposiums of sculptors held at ITMU and occasionally meet artists to discuss the finer nuances of Art. In this process a subtle sensitivity about appreciation of Art develops amongst the students leading to blooming of artistic aesthetics and sensibilities. E-mail: artclub@itmuniversity.ac.in

#### **Music Club**

Music Club members not only listen to the classical concerts & rock-shows but create their own bands and perform their own talent at various forums. E-mail: musicclub@itmuniversity.ac.in

#### **Literary Club**

It is dedicated to students sharing literary interests. The purpose of this club is to offer a relaxing and intellectual platform for students to exchange ideas, emotions and theories on select reading through creative writing, debating and quizzing. The wall magazine is a reflection of the literary skills of the students. The editorial board conducts regular competitions to encourage these talents. E-mail: literaryclub@itmuniversity.ac.in

#### **Eco Club**

The club takes care about the ecology & environmental issues within the campus and suggests ways and means to reduce carbon emissions responsible for degradation and damage to the Earth's eco-system. A road map to convert the campus into green campus is prepared with the help of Eco club.

E-mail: ecoclub@itmuniversity.ac.in

#### **Dance Club**

The club members learn various forms of Indian and Western dances & practice to fine tune and perform. E-mail: danceclub@itmuniversity.ac.in

#### **Yoga & Meditation Club**

An interesting space called "Zero Gravity" has been created within ITMU Campus for meditation & Yoga where any one willing to join the regular club can come and try to attain









### **STUDENT LIFE**

equilibrium of the mind & the body. Occasional activities to de-stress the students through Yoga & breathing exercises are organized.

E-mail: yogaclub@itmuniversity.ac.in

#### **Project Club**

Students make projects of their choices and integrate with other members of the club to make functional and indigenous models/ instruments. E-mail: projectclub@itmuniversity.ac.in

#### **Debating Club**

Articulation and elocution is promoted through this club. Students choose the topics and debate in front of cheering audiences of the students leading to building their confidence and debating skills. E-mail: debatingclub@itmuniversity.ac.in

#### **Science Club**

ITM University has established Science Club to organize various activities throughout the year. The objective of this is to stimulate interest in sciences activities among students. The club provides opportunities to students to showcase their innovative ideas and creativity. E-mail: scienceclub@itmuniversity.ac.in

#### **Theater Club**

Theater club is well received not only by budding theater artists but also by the audiences and spectators from the city. Activities like workshop, interactive sessions etc. are organized to promote theater.

E-mail: theaterclub@itmuniversity.ac.in

#### **Painting Club**

The students of the club show great enthusiasm towards colours, forms and ideas in the painting club. E-mail: paintingclub@itmuniversity.ac.in

#### **Film Club**

Film club not only shows good world cinema by organizing international film festivals in the Campus but also inspires students to create films on the issues of their choices. E-mail: filmclub@itmuniversity.ac.in











#### **National Service Scheme (NSS)**

To promote students' participation in community service, the university is running National Service Scheme. The Motto of NSS is "NOT ME BUT YOU".

There is one unit of NSS in the ITM University with strength of 610 volunteers. The main focus of the scheme is on personality development through community service. The NSS Unit of the University organizes regular and special camps related to health and hygiene, literacy, environment, personality development, etc. These camps are usually held in the campus or in the adopted villages. NSS Unit also deputes volunteers to various Inter State Camps, National Integration Camps and also Inter State and National Cultural Festivals.

#### **National Cadet Corps (NCC)**

NCC is the organization to install the values of "Unity and Discipline"- the Motto of the National Cadet Corps. N.C.C. has three wings Army, Navy and Air Force. Following wings will be operational at the University from July 2014: 15 M.P. BN NCC Boys 03 M. P. BN NCC Girls 03 M. P. Naval Wing



Ms. Shikha Raja Bundela, B.Tech. Mech., NCC Cadet of ITM University Gwalior, selected for Dinner with Prime Minister of India Hon. Shri Narendra Modi and Defence Minister Shri Manohar Parrikar





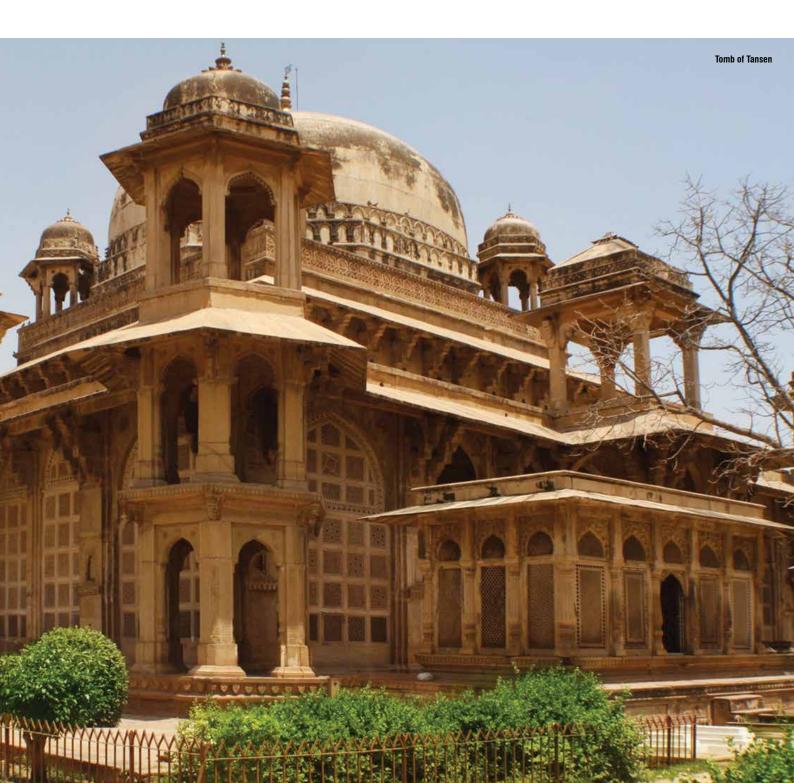


The society for the promotion of Indian Classical Music and Culture amongst Youth, popularly known as 'SPIC MACAY'. It is involved in promoting Indian classical music, dance and other aspects of Indian culture. It seeks to foster the exchange of traditional Indian values and to generate awareness of the cultural tradition and heritage of India. It is also movement with chapters in 200 town and cities and ITM University Gwalior is one of them. Spic Macay organises concerts lectures and demonstrations, informal discussion and seminar for the promotion of Indian culture and arts. ITM University Gwalior is one of the prolific centres to witness such events.



### LIFE AT GWALIOR

Gwalior is a historical city in the heart of India, situated in the State of Madhya Pradesh. The Ancient Indian Classical School of Music "Dhrupad" was fine tuned here under Tomar dynasty and spread to various parts of India to acquire local flavours. It is also known as "The City of Music". The legendary musician Tansen also belonged to Gwalior and became one of the nine jewels of Emperor Akbar's Court. Tansen innovated many complex and beautiful 'Ragas'.



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

ITM University carries forward the tradition and is applauded for its efforts to preserve and promote the Indian Classical Music. It holds a music festival annually, which has gained popularity in the entire country. Gwalior has beautiful large fort palace built during Tomar dynasty who were connoisseurs of Art & Music. Exquisite stone works can still be found here inspite of immoral plundering by vested interests. Agra, the city of Taj- masterpieces of world heritage, is 110 Kms from Gwalior. Khajuraho group of temples depicting all facets of life is 6 hours journey by road. Mitawali & Padavali has a group of 108 ruins of temples and is 20 Kms from Gwalior. Orchha is 100 Kms from Gwalior and is a treat for weekend trips as the village still carries old time feel with palaces, temples, cenotaphs and ruins along the banks of Betwa River.

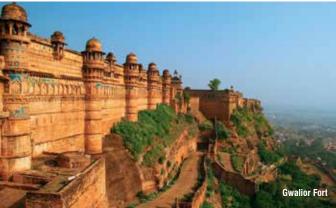
Modern Gwalior is new educational hub and bustling city with a population of over 1.6 million. It is centrally located 317 Kms from Delhi and 400 Kms from Bhopal. It is well connected with Delhi, Bhopal, Indore, Mumbai, Pune, Chennai, Bangalore and Hyderabad by trains, road and by air from New Delhi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

ITM University itself has visitors from all over the regions to see its vast collection of sculptures and paintings as well its most applauded Amphitheater, which is a hub of cultural activities.

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











# **SPORTS**



Sports Facilities Outdoor Games

Sports	No. of Grounds
Cricket	01
Football	01
Athletics	01
Basketball	02
Tennis	02
Volleyball	02
Handball	01
Kho-Kho	01
Kabaddi	02
Hockey (7-A Si	de) 01
Squash Court	01
Badminton Cou	urt 01

Sports & Fitness serves as a vital and integral part of student life in campus. The mission of Sports & Fitness is to provide the university community with programmes that offer vigorous, fun-filled, health-promoting, physical activity conducive to wellness and personal development. Sports & Fitness supports the mission of the University by seeking to create a climate that motivates members to embrace a healthy life-style, which can enhance their academic studies, build friendships and social skills, develop leadership qualities, and cultivate a sense of ownership and belonging to the university. The University students are second to none and deserve a first rate programme.



Association of Indian Universities, New Delhi

EDERAT

NDI

#### **Indoor Games**

Gymnasium

Badminton Court, Squash Court, Multi Gym, Sona Bath, Steam Bath, Jacuzzi, Sports Store, Office etc.

**Swimming Pool** (will be ready by December 2015) 25 meter standard swimming pool with a baby pool attached.

**Adventure Park** (under planning) Establishing an adventure park for the development of the university students and faculty.

Students of ITM University, Gwalior by virtue of its membership of AIU, are able to participate in National Inter-University Competitions. Students participated in 05 All India and Central Zone Inter University Sports Competitions.

#### **Inter-University Competitions**

- Central Zone Inter-University Competition, Basketball, 7th Oct. to 10 Oct. 2013
- Central Zone Inter-University Competition, Volleyball, 14
   Oct. to 18 Oct. 2013
- Central Zone Inter-University Competition, KIIT, 7TH Oct to 12th Oct. 2013
- Central Zone Inter-University Competition, Cricket, 27th Nov. to 03rd Dec. 2013
- All India Inter-University Competition, Taekwondo, 08th Jan. to 12 Jan. 2014









# INTERNATIONAL PLAYERS

ITMU is Knowledge partner and official sponsor of Sunrisers Hyderabad in IPL-2015. The students of ITM University and ITM Global School met and interacted with international cricketers in one of the IPL matches at Hyderabad in Meet and Greet session.

Players and students were at ease and exchanged valuable tips on sports, spirit of competition and life. Written messages on bats and balls were given to the students by the players. The programme was conducted by wellknown commentator Danny Morrison and attended by Shikhar Dhawan, Muthaiya Murlitharan, V.V.S. Laxman, Dale Styen, Bhuvneshwar Kumar, Ishant Sharma, Naman Ojha and David Warner, whose record of runs remain unbeaten in IPL-8.





### HAPPY & HAPPENING CAMPUS

Along with the regular high quality academic activities in the campus of ITM University, the city of Gwalior waits for the annual calendar of Cultural & Musical activities in ITM Universe Campus where plethora of world class events take place on regular intervals making students very happy and proud of being an ITMite. A very distinct emotion & spirit of an ITMite develops in every student. This spirit never dampens and converts every event into a not only high voltage, high energy congregation, but as a very disciplined group which should aptly be called audience or participants and never a crowd. 'NAAD', the amphi theater where mostly the program are organised, witnesses youth energy enjoying every moment.

Each day becomes unique. Something or other keeps happening whether it is a group of international artists sculpting huge stones or painters working on their canvases or serious academic activities, seminars etc. One never finds any art object being vandalized in ITM. The respect for Heritage & Arts develops naturally within the students.

Indian Classical Music concerts by world renowned musicians for continuous three days in the month of March every year see music lovers of the region thronging to ITM Campus. Rock shows by various groups are specially awaited by the students and the Rock groups are always happy and keen to perform here again.

Spic-macay chapter is active in ITM and brings top-notch classical dancers, vocalists & instrumentalists to perform and give lec-dems.

Teacher's day and Friendship day are celebrated with great fervour and enthusiam. Though a tight academic schedule keeps the students on toes but also prepares them for the challenges of future & to handle pressures from the beginning. Every ITMite bursts into emotions while leaving the campus as they prepare to join their profession after completing their degree courses.

You will see happy youth around the campus, enjoying their learning process.

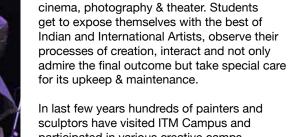
ITM has a very unique & distinctive character of its campus and perceived by all as hub of creative expressions in special areas of paintings, sculptures, various classical &











sculptors have visited ITM Campus and participated in various creative camps, symposiums and workshops. This is how ITM Campus has become the largest collector of art in India among all Universities and Institutes. Every year international symposiums/camp of eminent sculptors are held at the campus and monumental sculptures in different material are created.

folk dance forms, Indian classical & popular music, western classical & rock music, world

Wherever you look in open, under the trees, in atriums, walk ways, in water bodies, you will see works of wonderful Art. There has been constant request from various quarters to open the campus for tourists & visitors so that they can also admire the Art exhibited in the campus.

Coinciding with painters camp, performing artists give expression to their musical and dancing abilities and interact with artistes of different disciplines which adds another dimension to the concept of Art Meet.

### **HAPPY & HAPPENING CAMPUS**

'Ibaarat' is also one of the prestigious programmes of ITMU where Urdu poets from all parts of the world come and enthrall the jampacked auditorium within the campus.

The city of Gwalior and ITM University – A Symbiosis

"...the city boasts of a large number of educational institutions and ITM University is perhaps the largest among them. The sprawling campus invariably impresses any visitor. But to me more impressive is the fact that while this institution endeavors to impart world class education, it has also spent equal amount of effort, attention and care to preserve, propagate and advance further the rich musical traditions of Gwalior heritage.

I happened to attend three of the musical feasts that the institution organizes every year and briefest I can say the whole experience was 'sheer bliss'. The NAAD amphitheater surrounded by small hillocks, designed and set among the natural surroundings and fitted with high guality light and sound equipments, perhaps is the right place for any competent musician to perform and exhibit his talent. During the festivals that I attended from 2007 till 2010. I got, each time in three days the best of the Indian music that I could dream of. What it did not contain? The best of the singers Ustad Rahim Fahimuddin Khan Dagar, Pandit Ajay Pohankar, Pandit Chhannu Lal Mishra, Girija Devi, Ustaad Rashid Khan, Pt. Rajan & Sajan Mishra to name few. The best of the instrumentalists Ronu Mujumdar, Pandit D K Datar, Ustad Sultan Khan, Ustad Shujat Hussain Khan, Niladri Kumar, Pt. Shiv Kumar Sharma & Kala Ramnath where could I get all of them at one place, against no expenses and with all the facilities. The scene when it is dark all around open sky above, green around and the illuminated dias sends you back on the time machine 100 years or more. It really feels that you are back to the ancient times when music and life were synonymous.

This made me have a glimpse into the wisdom, foresight and concern of the people behind this institution. It is not sufficient to train in science, engineering, management and the like, to make a complete human being that very essential input of art, culture, heritage is so much necessary. I wish other educational institutions could copy it..."

(writes Dr. Arvind Dubey a music lover of Gwalior).









### ART AT ITM UNIVERSITY GWALIOR

For more than ten years. ITMU has been regularly organising painter's camps, month long international sculptor's symposiums, classical concerts. music fests, dance and poetry events, literary meets, and the list remains never ending. This has created a huge aesthetic and literary asset, which is unique in the whole country, and perhaps in the continent. We have also become the largest collector of fine arts among any university/Institute of individuals in India. Every ITM student takes pride in this unique and evolving heritage of the University. Barring a few, all modern and contemporary indian artists have contributed to our endeavoursr through their creative expressions. The campus sees the best of paintings, sculptures, and motifs, apart from the musings of the best poets and musicians.

Consequently, a sense of ownership and a fine sensibility has developed in students, who have not only learnt to admire these gifts of art, but to inculcate a protective fervour, making sure no one vandalises it. The names of the creative artists who have visited the university would form a never ending list. The campus is as good as an art exhibition, as the best of art is permanently exhibited here.













### FLAG OF ITM UNIVERSITY GWALIOR



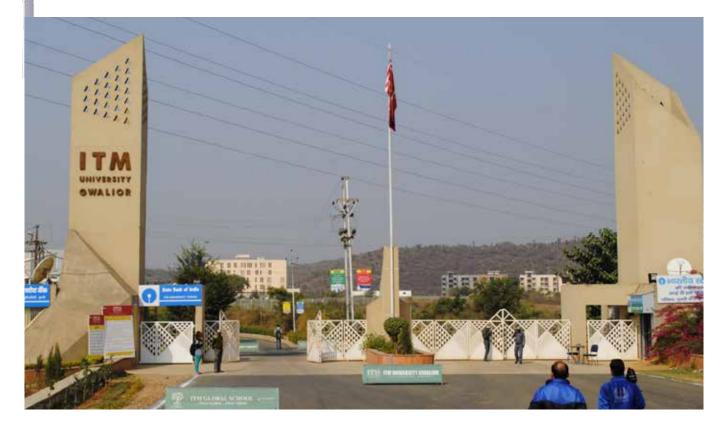
Since the establishment of ITM in 1997, we have established a tradition of respecting our National flag (tricolour) on the top of our buildings. Every morning & evening the security Guards hoist the flag as per rule book and properly salute our national symbol. Currently we have international students from various parts of the world, the National flags of their countries are also respectfully hoisted in the campus.

Important days like Independence Day, Republic Day, Science Day, Engineering Day etc. are celebrated with enthusiumsm and greate fervour.



ITM University has its own flag which is carried ceremoniously by students in Inter-University, National & Regional events all over India and abroad.

The University flag symbolises the upward holistic movement of student's personality and inclusivity with social responsibility as shown by vertical and horizontal arrows. The logo (emblem) of the University is placed in the background of a rust hue, the colour of Earth an shows no bias towards or against any particular faith or belief.



## ACCOMMODATION



#### **Gym & Health Club**

'Only healthy body can support healthy mind' is a well tested proverb for all times. To put this into practice the University has established a state-of-art gym & health club in an area of around 11000 sq. ft. The Club has 31 workstations of highest quality comprising of Jogger/Cycle/ Leg pull machine/Abdominal/ Butterfly/Leg press/ Shoulder press/Bench Press/ Twister/ Wrist curl with multigym facility supported by requisite audio system. Gym is also supported by locker facility to keep belonging of regular users.

#### Hostel

One of the key contributors to an intensive & effective learning experience is living in campus. A boys' hostel with a capacity of 1150 beds is located within the campus. The hostel is well equipped with basic recreation & indoor sports facilities that provide students with homely atmosphere to strengthen the feeling of belonging. Semi –mechanised and hygienic mess & dining facilities that can accommodate 800 persons at a time has also been created. A girls' hostel having capacity of 200 beds is also located within the campus. Transport facility is provided to hostlers for outings to the city. It is planned to convert the entire University campus into a fully residential campus for students and staff in the next 3 years.



#### **Residential Accommodation for Faculty**

A well equipped residential complex has been constructed having independent apartments furnished with modern amenities.

#### **Guest House**

A well furnished Guest-House is attached with faculty residences to accommodate guest faculty and prominent personalities visiting the University. It provides a homely ambience and environment.

#### **Sports Complex**

The University's new sports complex offers a wide range of facilities and activities for students and faculties which include world class provisions for outdoor and indoor sports.

#### **Medical Health Care Center (MHCC)**

ITM University has an in-house modern Medical Health Care Center (MHCC). The Center, thus, provides preventive, promotive as well as curative health care services with a view to ensure positive health for all the members of ITM family. A full time specialist doctor is stationed 24x7 hrs., who conducts regular health check-ups and provides medical attention as and when needed.

MHCC has a well equipped clinic with required equipment and 5 beds for in house patients apart from one ambulance which is available round the clock.

#### **Coffee Points**

Apart from the structured teaching and learning schedules, the University has provided platforms for relaxation, exchange of views, and free discussions among students and faculty alike by establishing coffee points. These points are also instrumental to arouse the thinking blended with objectivity and utility among young ITMites over a cup of coffee.

#### **Bank Branch & ATM Facility**

A UCO Bank Branch is situated within the campus. Just close to the main gate of ITM State Bank of India has its ATM facility. Few more ATM outlet are likely to be installed shortly.

#### **Security**

The institute has employed round-the clock security stationed on campus. Apart from providing the security of the campus it also renders its services to provide all possible support to the residents for their safe and comfortable living.

Each student is insured compulsorily under road traffic accident policy and is also covered by group insurance scheme taken by ITM University. Students are advised to wear helmets when they visit university on a two-wheeler.



### **SUPPORT** ALL PROCESSES AT UNIVERSITY ARE STUDENT CENTRIC

The University has created processes and provisions that support your academic pursuit here and create minimum distraction.

#### **Dean Students' Welfare**

Your day-to-day problems, if/any, can be shared with DSW in order to secure a appropriate resolve. DSW is a senior teacher who understands your problems and takes immediate steps. DSW also helps you guide in participating in various extra-curricular events, NCC, NSS etc. You can also take up with him your scholarship issues, education loan and others.

Email: dsw@itmuniversity.ac.in

#### **Mentor**

Mentor is a teacher appointed to monitor your academic & personal welfare and help in your studies. With them you can share your all problems that are affecting your academic pursuit. You can also share with them your personal problems in case you need his/her help. They keep track of your attendance and will remain in touch with your family as well.

#### **Students' Committee**

The students who are excelling in their studies are part of this committee as a representative of their class. This committee meets the Vice Chancellor every month to offer insight into implementation of academic and administrative processes. Students use this platform to offer suggestions to bring any change or fine tune existing academic and administrative set-up.

Email: studentcommittee@itmuniversity.ac.in

#### **Feedback Mechanism**

Students also get an opportunity to participate in academic processes by recording their feedback concerning faculties who have taught them. The provision is available online as a part of Students' Information System (SIS). Participating in the process make the academic processes more student centric.

Webpage: http://mis.itmuniversity.ac.in

#### **Students' Information System (SIS)**

All students after joining the University become part of Students' Information System (SIS) which offers you every detail that is required to ensure regular participation in academic activities. This includes Academic Calendar, Registration, Examination Form Filling, Notice Board, Attendance Details, Fee Notices, Fee Dues, Grievance / Suggestions, Results and others.

#### e-Students Grievance/Suggestion

Students can also register their grievance/suggestion online which is personally attended and monitored by Vice Chancellor. This provision ensures that your issues are redressed at the earliest. This window can also be used by you to offer your valuable suggestions to make academic processes more robust.

Webpage: mis.itmuniversity.ac.in

#### Counselling

The University's Counselling Service offers a free and



confidential service to all students at the University. Professional counsellors and mental health advisers are available to talk through any personal or emotional concerns that you might have during your time at the University.

E-mail: personalcounseling@itmuniversity.ac.in

#### **Anti-Ragging Committee**

This is a 100% ragging free campus. Till date not a single complaint concerning ragging has been received. Students, in case of any such activity, are advised to immediately lodge their complaint with the Co-ordinator, Anti-ragging Committee in order to ensure their complaint is timely redressed and an effective action, as provisioned in law, is taken against students indulging in such heinous activity. Email: antiraggingcell@itmuniversity.ac.in

#### **Proctorial Board**

Students can register their complaint concerning indiscipline by their fellow students with Protocrial Board. This Board is authorized to take prompt action against such students. Very few complaints are received by this Board every year. Broadly ITM University campus is a very peaceful campus.

Email: chiefproctor@itmuniversity.ac.in

#### **Complete the programme at a Slow Pace**

At ITM University we are committed to serve all the sections of student community. We believe that it is our one of the objectives to make academically less exposed students to compete with academically better students. This can only be done by facilitating weaker students to complete the programme at slow pace so that they can devote more time on basics as well as advanced subjects and secure their degree.

#### Health

A 24x7 hrs. health support is available in form of an OPD in the campus with a resident doctor, support staff and 05 bed facility. A dedicated ambulance is also available in the campus to assist in discharging medical duties of OPD.

#### **Academic Calendar**

All academic processes at the University are predictable. They are announced at the start of an academic session. It is available to student via SIS. This helps students to plan their studies year around and utilize their vacations effectively.

#### **Orientation Programme**

For freshers, at the start of academic session, an orientation programme is organized that helps students orient towards academic and administrative processes at the University. This orientation helps students adapt them at the earliest so that they start their academic journey at the earliest and use their time more productively. This programme expects parents also to join who are keen to actively participate in grooming of students.

#### **Differently abled Students**

The University campus is 100% barrier free. You can locate ramps, lifts, adapted drinking water provisions and others all through the campus. The University works actively with Amar Jyoti Charitable Trust, a premier Voluntary Agency dedicated to the cause of differentlyabled people, to create infrastructure for them. If they require specific arrangements for examinations (such as additional time, someone to write on their behalf and/or use of a computer), we have provisions for the same.



# ACADEMIC EVENTS 2020-21

Each year, the University organizes a **cross-section of forums, conferences, seminars, faculty development programmes, management development programmes, symposium, panels** and **workshops.** These events helps in engaging in continuous dialogue with academicians, industry leaders, policy makers, activities, students and others that helps in advancement of theory and practices of respective fields. Further, these events provide an opportunity to academicians and professionals from various educational fields with cross-disciplinary interests to bridge the knowledge gap, work on inter-disciplinary applications, identifying key issues, and promoting research.

Such events offer a platform to the students to be able to share their knowledge and experiences and to develop new ideas in their respective areas.





# FACULTY DEVELOPMENT PROGRAMME (FDP) 2020-21

Name of the Faculty	<b>Type of Program</b> (Professional Development Programmes, Orientation/ Induction Programmes, Refresher Course, Short Term Course)	Name of the Organising Institution
Dr Anand Kumar Pandey	FDP on Data Mining	Indian Institute of Technology, Kharagpur
Dr Pallavi Khatri	STP on Security and Privacu Challenges in Computing Paradigms	National Institute of Technology, Jalandhar
Dr. A. Balasubramaniam	STP on Future trends in research methodology for drug discovery & development	All India Council for Technical Education (AICTE), New Delhi
Dr. Ankit Dayal	5-Day FDP on "Accelerating Innovations In Material Science - Surface Characterization"	BMS Institute of Technology & Management, Bengaluru
Dr. Ankit Dayal	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
Dr. Gyanendra Singh	STP on Future trends in research methodology for drug discovery & development	All India Council for Technical Education (AICTE), New Delhi
Dr. Sanjay Kumar Jain	STP on Security and Privacu Challenges in Computing Paradigms	Dr.B.R Ambedkar National Institute of Technology, Jalandhar
Dr. Santosh Kishan Narayankhedkar	Five Days Workshop on Disaster Risk & Modeling	Madhav Institute of Technology & Science, Gwalior
Dr. Subodh Kumar Dubey	STP on Future trends in research methodology for drug discovery & development	All India Council for Technical Education (AICTE), New Delhi
Mr. Abhijeet Ingle	One week online FDP on E-learning and Digital literacy	Sage University, Indore

### COMMUNITY ENGAGEMENT



Such initiatives enable you to gain a greater understanding of what it means to be a responsible global citizen, through handson programmes and community activities. In the process you will discover the challenges facing society in the 21st century, and approaches needed to address them.

Here you can also undertake volunteer work, giving back to society and developing the kinds of skills and experiences that employers seek. By volunteering you are not just helping others. You'll gain exposure to experiences and learn skills that will stand you and help you stand out from the crowd when applying for jobs or participating in interviews. There are a huge number of different projects to get involved with that help make a meaningful and beneficial contribution to people in the local community either through the University or through student-organised projects. Cairney (2000) argues that Universities which understand this 'community' engagement' role will see judgement of their success not simply in terms of the internationally accepted quality of their teaching and research, but also in terms of their role in a region's social, economic, and cultural development. Cairney, Trevor H. (2000). The role of universities in developing regional knowledge workers. Unpublished paper.



### SOCIAL RESPONSIBILITY



Social responsibility is about the integrity with which an entity governs itself, fulfills its mission, lives by its values, engages with its stakeholders and measures its impacts and publicly reports on its activities. Our social responsibility endeavour helps us in making a tangible difference to the social and economic well-being of our communities through our teaching, research, extension, events and activities. ITM University, Gwalior believes in giving back to our communities and getting involved.



#### **Environmental Action**

ITM University Gwalior is raising social awareness and promoting. ITM University Gwalior an environmentally friendly and sustainable way of living. We also conduct national and international conferences, workshops, faculty development programmes and others. Our principles are laid down in an environmental policy of the University that guides our activities and let the public know our commitment.

#### **Responsible Research**

Most of research pursued here is grounded in contextual issues and challenges. Such research offers appropriate solutions and make a positive difference to the society.

#### **Students' Grounded in Social Responsibility**

With multitude of activities and a customized learning process we ensure that students start appreciating the merits of sustainable lifestyle. Students earn credits for their contribution to sustainability well.

#### **Environment-Friendly Practices**

The University has assimilated benchmarked environmental practices in its day-to-day functioning. The University protects natural resources, uses them in the most efficient way through basic modifications in consumption methods, minimizes the creation of waste at the source and prefers recyclable products with minimum negative effects.

#### **Voluntary Activities**

Students and faculties have an option to be part of many voluntary activities that aims at creating a difference in the social and economic well-being of people at large. The University regularly organizes programme that offers opportunity to all stakeholders in creating a difference in life of people at large. Also, through a variety of programmes an awareness and desire for action is created in society for pressing issues like girl child abortion, gender equivalence, village empowerment, rural development, sexual harassment against women and others.

#### All accommodative infrastructure

Suitable provisions have been put in place like ramps, lifts, low-height toilets, railing and handrails and others to ensure that differentlyabled students get a barrier free environment for their studies.



### DISTINGUISHED GUEST SPEAKERS

The ITM University, Gwalior help broaden students' horizons and educate them on issues that impact their lives through speakers, panels, forums, workshops and debates that cover current scientific, technical, social, political, cultural and ethical topics. Every year a variety of Nobel Laureates, high-profile corporates, policy makers, academic and industry leaders representing a variety of worldviews and backgrounds are selected to come to the university to engage with students on variety of platforms and exchange their ingenious ideas with them. The students' community gets an opportunity to hear, learn, engage and network with speakers of the highest caliber.



**Dr. A.P.J. Abdul Kalam** Former President of India



Shri Shekhar Dutt Hon. Governor of Chhatisgarh



Mr. Anil Madhav Dave Member of Parliament



Prof. N. Ravichandran Director, IIM Indore



Professor David Faulkner (Emeritus) Director of Saïd School of Business, Oxford University



Padma Bhushan Dr. V.K. Saraswat Ex-Director General, DRDO



Mr. Anurag Singh Thakur, MP Secretary, Board of Control for Cricket in India (BCCI)



Mr. Yuvraj Singh Indian International Cricketer



**Mr. Masateru Hino** Tohoku University, Japan



Padmashri Dr. (Smt.) Uma Tuli Social Activist & Chairperson, Amar Jyoti Trust



**Dr. Harsh Vardhan** Hon'ble Union Minister for Science & Technology and Earth Sciences, Govt. of India



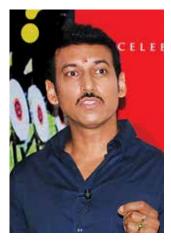
Padma Bhushan Sh. Ajai Chowdhry Founder HCL Ltd. and Chairman, IIT Patna



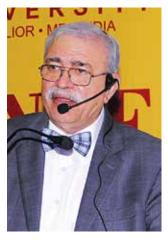
Padma Vibhushan Dr. Anil Kakodkar Ex-Chairman, Atomic Energy Commission of India



Shri Ashok Vajpeyi Eminent Poet & Art Critic



**Col. Rajyavardhan Singh Rathore, M.P.** Indian shooter



Nanyang Prof. Naresh Kumar Malhotra Georgia Institute of Technology, USA



Prof. Samdhong Rinpoche Former PM of Tibet



Ms. Jwala Gutta Indian Badminton Player



**Prof. A.K. Maitra** Former Director, School of Planning & Architecture, Delhi



**Dr. Simon Baev** Georgia Southwestern State University (GSW), USA



Ms. Krishna Poonia Athletes & Gold Medalist, CWG-2010



**Mr. Vijay Mehta** Chairman, MEFCOM Pvt. Ltd.

### **DISTINGUISHED GUEST SPEAKERS**



**Padmashri Shri. Nida Fazli** Poet



**Prof. Prasanna Chandra**, IIM-Bangalore Director Center for Financial Management, Bangalore



Dr. (Smt.) Ranjana Kumari Women Activist



Padma Bhushan Shri Sushil Kumar Solanki Indian World Champion wrestler



Ms. Kalapini Komkali Classical Singer



**Prof. Maninder Singh** Thapar University, Patiala



**Mr. Neeraj Jain** Vice President, Cavission Systems Inc.



Ms. L Sarita Devi Indian boxer



**Dr. Subra Ananthakrishnan** Professor, FASc, FNASc Pune University



**Dr. R K Sharma** Professor IIT Delhi



**Prof. Rishikeshan T. Krishnan** Director IIM Indore



Ms. Bimaljeet Kaur Associate Consultant, TCS



Mr. D.M. Dharmadhikari Justice (Rtd.) Supreme Court of India



Professor Joseph (Joe) F. (Franklin) Hair Kennesaw State University in Kennesaw, Georgia



**Mr. Jane Bake** Head Project Manager Belgium



Mr. Varun Agrawal CEO & Founder of Aspiring Minds



**Dr. R.C. Tiwari** Emeritus Professor, BHU, Varanasi



**Mr. Govinda** Actor, Bollywood



Mr. P. Narhari, IAS Collector, Gwalior



Pandit Jasraj Indian Classical Vocalist



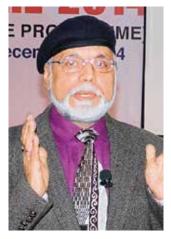
Prof. S.G. Deshmukh ABV-IIITM Gwalior



**Prof. Michel Aragno** University of Neuchatel (Switzerland)



**Prof. K.N. Tiwari** Former Director, International Plant Nutrition, India



Dr. K.K. Bhasin Professor Punjab University

## CAREERS

In order to create students with necessary skils, knowledge and attitude needed by the stake holders companies of international repute from relevant fields were identified based on quality benchmarks and were assigned the important task of Training and Augmentation.

The University has introduced a rare model of involving the students in execution of trainning and placement programme. This adds immensely to the managerial and professional skills development of students and transparency in the complete process. It is worth mentioning here that all the augmentation programmes result in certificatation by the respective companies carrying grades earned by students on the basis of performance exhibited by a student. This is the first of its kind to tieup with some of the world's leading players like Rockwell Automation which has only one tie-up with any educational (Private as well as Govt.) entity i.e. ITM University Gwalior.

### TAP Cell has been established with clear objective of providing assistance to students in following activities:

- Placement assistance
- Training: TAP Cell is responsible for arranging training programmes with the help of industries on the skill sets required to succeed in the placement interviews. After detailed discussion with project coordinators of different departments, professionals from industries and senior academicians, following areas are short listed for the training:
- Communication Skills
- Analytical Aptitude, Logical Reasoning and Basic Mathematics
- Personality Development
- Workshops on topics relevant to branch as per requirement of Industry
- Practice Sessions

### As a follow up action, the following activities are also conducted:

- Mock Test (online as well as manual) to test the analytical aptitude and logical reasoning etc
- Mock group discussion
- Mock Personal interview
- Guidance for last minute preparation for the expected companies, so as to meet the requirement of the industry/ company/ organization

TAP Cell regularly invites feedback from industry, academics & research organizations to improve upon the programme.

The outcome of all these efforts is not just the employability of the student but a holistic growth & development which converts them into positive, productive professional who can be a part of Nation building.









#### Branch wise details of industrial training modules

Sr. No.	Branch/School	Training Modules	Company Name
		AMCAT (Soft skill, Behavioral Training)	<ol> <li>DreamUny Education Pvt. Ltd., New Delhi</li> <li>Aspiring Minds Assessment India Pvt. Ltd.</li> </ol>
		PHP	RCPL
01	CS/ICT	Advanced Java /.Net	RCPL
		C & C++	RCPL
		CCNA 1 & 2 (CISCO)	One Planet Research, Banglore
		Java (12g) & RDBMS/DBMS (Oracle)	One Planet Research, Banglore
		AMCAT (Soft skill , Behavioral Training)	<ol> <li>DreamUny Education Pvt. Ltd., New Delhi</li> <li>Aspiring Minds Assessment India Pvt. Ltd.</li> </ol>
		CCNA 1 & 2 (CISCO)	One Planet Research, Banglore
		Informatica	Doc Systems, Banglore.
02	MCA/BCA	Java/.Net	RCPL
		C & C++	RCPL
		Linux	RCPL
		Java (12g) & RDBMS/DBMS (Oracle)	One Planet Research, Banglore
		AMCAT (Soft skill , Behavioral Training)	<ol> <li>DreamUny Education Pvt. Ltd. , New Delhi</li> <li>Aspiring Minds Assessment India Pvt. Ltd.</li> </ol>
03	EC	Embedded System With AVR	SOFCON India Pvt. Ltd.
		VLSI	CETPA Infotech Pvt. Ltd.
		CCNA (Switching & Routing - CISCO)	One Planet Research, Banglore
		AMCAT (Soft skill , Behavioral Training)	<ol> <li>DreamUny Education Pvt. Ltd. , New Delhi</li> <li>Aspiring Minds Assessment India Pvt. Ltd.</li> </ol>
04	Civil	Auto-Cad	
		Staad-Pro	Multisoft Systems Technology Consultancy (P) Ltd. , Noida
		Primvera	
		AMCAT (Soft skill , Behavioral Training)	<ol> <li>DreamUny Education Pvt. Ltd. , New Delhi</li> <li>Aspiring Minds Assessment India Pvt. Ltd.</li> </ol>
		Auto-Cad/Solid Works	
05	ME	Inventor	Multisoft Systems Technology Consultancy (P) Ltd. , Noida
		Ansys	Multison Systems rechnology Consultancy (F) Ltd. , Nolda
		Pro-E	
		AMCAT (Soft skill , Behavioral Training)	<ol> <li>DreamUny Education Pvt. Ltd. , New Delhi</li> <li>Aspiring Minds Assessment India Pvt. Ltd.</li> </ol>
06	Biotech	Auto-Cad	CETPA Infotech Pvt. Ltd.
		AFT+ P & ID	CETFA Iniciecit FVI. Liu.
		AMCAT (Soft skill , Behavioral Training)	<ol> <li>DreamUny Education Pvt. Ltd. , New Delhi</li> <li>Aspiring Minds Assessment India Pvt. Ltd.</li> </ol>
07	EE	PLC/SCADA	
		HMI/Drivers	SOFCON India Pvt. Ltd.
		Networks	
08	B.Pharm	AMCAT (Soft skill , Behavioral Training)	<ol> <li>DreamUny Education Pvt. Ltd. , New Delhi</li> <li>Aspiring Minds Assessment India Pvt. Ltd.</li> </ol>

### **CAMPUS PLACEMENT OPPORTUNITIES**

#### 87% + students of MBA/BBA/B.Com placed (2015 passing out batch)

S.No.	Company	Branch	Opportunities given
1	Bajaj Capital	MBA All	45
2	National Stock Exchange	MBA Fin/Markt	20
3	Satin Credit Care	MBA All	58
4	iResearch Services	MBA All	40
5	Naukri.Com	MBA All	65
6	Fusion Microfinance	MBA All	55
7	IndiaMART InterMESH	MBA All	48
8	Nielsen	MBA All	32
9	HCL Bserv	B.Com/BBA/BCA/B.Sc	65
10	Infoedge	MBA All	35
11	Jaro Education	MBA All	45
12	IMS People	MBA HR	30
13	Universal Hunt	MBA HR	30
14	Trifid Research	MBA HR	32
15	Axis Bank	MBA All	20
16	Bose Corporation	MBA All	25
17	Thyrocare	MBA/BBA/B.Com All	35
18	Fedex	BBA/B.Com	25
19	Bluedart	BBA/B.Com/B.Sc/BCA	45
20	ColdEX Logistics	MBA SCM	13
21	CSC India	MBA Fin/Markt	62
22	Kent RO System Ltd.	MBA	45
23	Cyber Infrastructure	MBA	35
24	Gati Logistic Ltd.	MBA	42
25	Associated Global	MBA	38
26	Epic Financial Research	MBA	65
27	Capital Stars	MBA	35
28	20th Century Home	MBA	25
29	L&T Infrastructure Ltd	BBA/B.Com	68
30	NJ Investmart Pvt. Ltd	MBA	54
			1232

Note : One Hundred twenty five eligible students of management/commerce programme got 1232 placement opportunities resulting in 87% placement through TAP cell of ITM University.



### CORPORATE COMMENTS

The University acknowledges the central role and responsibility of higher education and research as drivers of innovation, talent, entrepreneurship and, ultimately, economic development; providing private and public sector leaders across disciplines with a platform for dialogue and initiatives. Through regular contact and collaboration with a growing network of leaders from different sectors we explore long-term collaboration and institutional partnerships on issues and projects of mutual interest. The University offers an unparalleled exposure to people, topics and platforms throughout the year from business, government, society and academia.

We are constantly in search of the world's best experts on diverse topics and invite them to present and participate in conference, seminars, panel discussions and others to become members of Advisory Council of the University, and advise and steer projects and initiatives of the University where they have a unique expertise.

Most of the opportunities provide students, as far as possible, with an opportunity to meet, exchange ideas, discuss issues and listen to some fascinating speakers and leaders from all sectors in a highly interactive setting and with significant feedback.



As I experienced besides one of the best infrastructure, the fact remains the same that the talent is groomed at its best shape and readily disposable to corporate. Would love to have excelled relationship with the group.

Amit Dubey HR Manage Zeppellin Mobile Systems India Ltd.

Very good campus and student maintained decorum throughout the process.

Rahul Kahate Senior Executive HR Persistant Systems Ltd.





It's a good experience to have an interaction with ITM students and faculties. Staff put lots of efforts to bring results in a right manner. Hospitality is highly appreciated.

Mukta Sharma HR Team World Wide Machinery Solutions Pvt. Ltd.

Overall good performance by students. Impressive communication skills. Good infrastructure and facilities at campus.

Varun Jain Senior Project Manager Infosys Limited The environment and campus is fabulous and best to create genius in all the fields.

Pradeep Nahata Lead- Test Engineering Global Logic India Pvt. Ltd.

Satisfied with quality & energy level of the students. I wish them all the luck for future.

Aditya Kalra Manager –HR 99acres.com

Good Campus. Got lot of support from the staff, well organized. It was a pleasure being here. *Amrita Paul DGM IBM India* 

A Very nice experience with full of cooperation and enthusiasm.

Ms. Vincy Sebstian CSC I am very happy with the academic environment and vision of the management. Students here are very humble/ simple.

Yuvraj Bhatnagar Manger – HR Global Logic India Pvt. Ltd.

A beautiful institute, great hospitality. Wonderful time spent here.

Andrews Koshy HR L&T Infotech

Good Institute/ University. Excellent facilities. Courteous staff. Good management. Above all excellent pupil. Has good prospects to be an International Institute. Would certainly like to visit again.

Sanjay Gade Sr. VP IPCA Laboratories Limited Very good exposure in city like Gwalior by ITM.Thanks to TAP cell for helping us in arranging campus recruitment drive.

Aditya Agarwal Associate Director Investor's Clinic

Very good experience, good infrastructure, competent staff. Helped us in organizing online test in neck of time. Thank you for that. Wish you all the best for the future.

Vivek Joshi TCS



ITM was an charming experience. Students were very humble. It was a very good experience. Would love to be back again. *Amit Kumar Gupta Pre- Sales Connsultant WIPRO Technologies* 

It is heartening to see a set of educationists with a foresight to come up with such an excellent facility for engineering and allied sciences. It is great service to students from non-metros in providing high quality education. Geetha Satyam Computer Services Ltd.

#### Excellent

hospitality. It's been a pleasure to visit this campus. Really thank you entire management to arrange such big event in short notice.

Rebeesh Location Campus Manager Wipro Limited



I think ITMU is the only good university in the Gwalior, because of the huge campus with the good environment. All the students are too good especially girls of this institute are very challenging towards the career in marketing.

Indiamart.com (B2B Portal – Ahmadabad)

#### Excellent management of

the event. Very good hospitality. Students were well prepared. College Management has invested a lot in grooming them. Good performance by students. Good professionalism.

Biswa Bhushan Sr. Associate Lead Recruiter, HRD Infosys Limited I feel students should be developed on basics of becoming a professional like attitude, comm. Skills, personality, willingness to learn & adaptability as with above qualities they would be willing to take up any responsibility with ease. Thanks for all the courtesy & hospitality extended.

Praveen Chauhan Head – HR & Admin Agarwal Packers & Movers Ltd

Commendable hospitality. Enthusiastic environment. Look forward to come back again.

Shoaib Shaikh Assistant Manager-HR iGate

The first thing I noted here, students are really disciplined. The campus is having a nice ambience. The training and placement dept. is extremely coordinating and efficient. As we have come with a new dimension and idea the University has really welcomed us and this significantly indicates that the entire management is very innovative and this will help the students in future. All my best wishes.

Anand Malhotra Executive Director, Ocean Ship Marine services Pvt. Ltd. Pune

The overall experience was very good. ITMU holds very good potential which Indian IT industry needs. I wish all the best to the entire ITMU in future too.

Bharat Gupta TCS

# **SCHOLARSHIPS**



#### A. Merit Scholarships 2015-16 Entry Level

• Based on percentage of marks secured in Qualifying Exam.

#### Undergraduate courses

• B.Tech. / B.Tech. (Hons.), B.Tech. + M.Tech. / B.Tech.+MBA Post-Graduate Courses

- MBA (Dual Specialization)
- MCA
- M.Tech.
- Based on performance in ITMU-NEST

• Scholarship on the basis of NEST (B.Tech. / B.Tech. (Hons.), B.Tech. + M.Tech. / B.Tech. + MBA, B.Pharma, B.Com, BBA, BCA, B.Arch. & B.Sc.)

#### **Subsequent Levels**

• Chancellor's scholarship for subsequent years for UG and PG Courses would be given to top three rank holders (based on performance in End Term Examinations) of a course as listed in Category A.

B. Sports and Cultural Scholarships 2014-15 – All levels C. Military and Para-military forces 2014-15 – All levels



#### A. Merit Scholarships (Detailed Entry level)

Туре	I – YEAR (B.Tech.) (Only 20% students in each branch in order of merit)		
	12th PCM %	Scholarship awarde	
	80% - 84.99%	25% of I Year tuition fee	
	85% - 89.99%	50% of I Year tuition fee	
	90% - 94.99%	75% of I Year tuition fee	
	95% - 100% 100% of I Year tuition fe		
Entry Level	I – YEAR (MCA, M.Tech. , MBA & M.Sc. ) (Except Nursing) (Only 20% students in each Course in or of merit)		
	Graduation%	Scholarship awarde	
	80% - 84.99% 25% of I Year tuition fee		
	85% - 89.99%	50% of I Year tuition fee	
	90% - 94.99% 75% of I Year tuition fee		
	95% - 100%	100% of I Year tuition fee	

#### ITM NEST Scholarship

(B.Tech. B.Sc., BBA, B.Com, MBA, MCA, M.Tech.) (10% of students excluding 20% merit based scholarship holders)

B.Tech.	INR 10000/-	
Other UG Courses	INR 7500/-	
PG Courses (MBA)	INR 10000/-	
PG Courses (MCA &M.Sc.)	INR 10000/-	

	(Only 20 % students in each Course in order of merit)			
	10+2 Examination	Scholarship awarded		
	90 % - 94.99 %	75% of I Year tuition fee		
	95 % - 100 %	100% of I Year tuition fee		
	On the basis of JEE Rank 2015 (For B.Tech. /			
, 	B.Tech.(Hons.)/ B.Tech + M.Tech ) Scholarship strictly for students who have appeared for JEE and have taken direct admission.			
	100000-150000 rank in JEE	25 % of I Year tuition fee		
	75001 – 100000 rank in JEE	50 % of I Year tuition fee		

75 % of I Year tuition fee

Entry Level I - YEAR B.Sc., BBA/ BBA(Hons.), B.Com. /

B.Com. (Hons.), BCA / BCA(Hons.)

#### Subsequent Levels: Chancellor's Scholarship

1 -50000 rank in JEE 100 % of I Year tuition fee

50001 -75000

rank in JEE

Position / Rank	Scholarship Awarded	
1	INR 20000/-	
Ш	INR 15000/-	
III	INR 10000/-	

#### **B: Sports and Cultural Scholarship**

- 100% scholarship for International players/Performers (Cultural).
- 50% scholarship for National medal winners/National Performers (Cultural). (Gold, Silver & Bronze position only)
- 25% scholarship of National sports/cultural participation.
- 10% scholarship for State sports/cultural participation.

#### **C: Scholarships for Military and Paramilitary Forces**

• 10% scholarship on Tuition Fees.



Scholarship distribution by Collector & DM of Gwalior.

### **PROGRAMMES OFFERED**

SCHOOL OF	Programmes	Eligibility	Duration	No. of Seats
ENGINEERING &	Civil Engg.	10+2 in Maths stream with min 50%marks	4 Years	30
∝ Technology	Mechanical Engg.	Mechanical Engg. 10+2 in Maths stream with min 50% marks		30
Lonnoloui	Electronics & Communication Engg.	10+2 in Maths stream with min 50% marks	4 Years	20
	Electrical Engineering	10+2 in Maths stream with min 50% marks	4 Years	10
	Computer Science & Engg.	10+2 in Maths stream with min 50% marks	4 Years	120
	MCA	BCA/B.Sc.(CS/IT) or equivalent degree with minimum 50% marks	3 Years	60
	BCA/BCA Hons.	10+2 in any stream with min. 45%marks	3 Years	90
SCHOOL OF	MBA	UG/PG with min 50% marks	2 Years	120
MANAGEMENT	BBA/BBA (Honours)	10+2 in any stream with min 55%marks	3 Years	180
	B.Com./B.Com. (Honours)	10+2 in any stream with min 55%marks	3 Years	75
CHOOL OF	B.Pharm.	10+2 in PCB/PCM with min 50% marks	4 Years	100
PHARMACY	M.Pharm.	B.Pharm with min 60% marks	2 Years	15
CHOOL OF	M.Sc. Nursing	B.Sc. Nursing with 1 year experience	2 Years	25
IURSING	B.Sc. Nursing	Nursing 10+2 in PCB & English with min 45% marks 4		100
CIENCE	Post Basic Nursing	After GNM with RN & RM	2 Years	40
CHOOL	B.P.E.S	10+2 in any stream with min 40% marks	3 Years	100
OF SPORTS	B.P.Ed.	UG in any stream with 50% marks	2 Years	100
EDUCATION	M.P.E.S	B.Sc. (Health & Physical Education / B.P.E.S. / B.P.Ed. with min 50% marks	2 Years	60
SCHOOL OF SCIENCES	B.Sc. (Honours) Biotechnology	10+2 in Science/Maths/Agriculture with min 50%marks	3 Years	35
	B.Sc. (Honours) Food Technology	10+2 in Science/Maths/Agriculture with min 50%marks	3 Years	20
	B.Sc. (Honours) Microbiology	B.Sc. (Honours) Microbiology 10+2 in Science/Maths/Agriculture with min 50%marks		10
	B.Sc. (PCM/CS) 10+2 in Science/Maths with min 50% marks		3 Years	40
	M.Sc. (Food Technology) B.Sc. in Science/Maths/Agriculture with min 50% marks		2 Years	10
	M.Sc. (Biotechnology)	B.Sc. in Biotechnology, Micro Biology, Zoology with min 50% marks	2 Years	10
CHOOL OF	B.Sc. (Agriculture)	10+2 in Science/Agriculture with min 50%marks	4 Years	240
GRICULTURE	M.Sc. (Agronomy)	UG/PG in Agriculture stream with min 50% marks	2 Years	40
	M.Sc. (Horticulture)	UG/PG in Agriculture stream with min 50% marks	2 Years	30
	M.Sc. (Ag.) Generic & Plant Breeding	UG/PG in Agriculture stream with minimum 50% marks	2 Years	30

B.Tech/B.Tech. Hons. Lateral entry (all the above branches) (A) 3 Years Diploma in any branch of Engg. with atleast 50% marks from an Institute recognised by State Technical University. or (B) Must have passed 1st year of B.E./B.Tech. in any branch with atleast 50% marks from any college/institute affiliated to central/state university. or (C) B.Sc. with atleast 50% marks from any central/state university, with physics and mathematics at intermediate level (except for biotech engg.) wherein intermediate with physics, chemistry, math/biology/computer science are also eligible.

#### IMPORTANT

"ITM University, Gwalior runs all its regular fulltime programmes at its Gwalior campus. There are no franchisees or study centers anywhere. 75% attendance in all courses and adhering to UGC norms is mandatory. Fees of each course is determined on the basis of norms as specified by Hon. Supreme Court & no commercialism & profiteering is involved." Capitation fee is not charged. All payments are on due receipts. Any complaints of violation of these should be immediately reported to Vice-Chancellor/Managing Director/Registrar.

#### **1. CAUTION MONEY**

a. B. Tech. (Honors)/M.Sc. Nursing / B.Sc. Nursing / Post Basic Nursing / B. Pharmacy / B.C.A. /M.C.A. /B.Sc (All disciplines) / M.Sc. (All disciplines) / B.C.A (Honours) / M.B.A. / B.P.Ed. / B.Com (Honours) / B.B.A. (Honours) / B.B.A. – Rs- 5,000 (Refundable) b. Ph.D. & M.Sc. Nursing – Rs.- 10,000 (Refundable) c. For Hostel rooms: Caution Money is 10% of tariff (Refundable).

2. Transportation Fee: Gwalior:- Rs. 14,000 per annum, Dabra:- Rs.17,000 per annum, Morena: Rs. 19,000 per annum.

3. Hostel Fee : 75,000 per annum (Extra charges payable as per room and comfort preference).

4. BEC (British English Council) Course Fee: Rs. 4,200/- (not included in total course fee) payable in first semester.

Note: \*B.Tech (Hons) fees will be 10,000/- (per annum) payable in Pre-final year and final Year.

## ATTENDED FACULTY DEVELOPMENT PROGRAMME (FDP) 2020-21

S.No.	Name of the Faculty	<b>Type of Program</b> (Professional Development Programmes, Orientation/Induction Programmes, Refresher Course, Short Term Course)	Name of the Organising Institution
1	Dr Anand Kumar Pandey	FDP on Data Mining	Indian Institute of Technology, Kharagpur
2	Dr Anand Kumar Pandey	Disaster Risk & Modeling	Madhav Institute of Technology & Science, Gwalior
3	Dr Anand Kumar Pandey	Creating innovation and start up with IoT	All India Council For Technical Education, New Delhi
4	Dr Pallavi Khatri	STP on Security and Privacu Challenges in Computing Paradigms	National Institute of Technology, Jalandhar
5	Dr Raj Chimanbhai Popat	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
6	Dr. A. Balasubramaniam	STP on Future trends in research methodology for drug discovery & development	All India Council for Technical Education (AICTE), New Delhi
7	Dr. Abhishek Kalia	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
8	Dr. Amit Kanwajia	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
9	Dr. Ankit Dayal	5-Day FDP On "Accelerating Innovations In Material Science - Surface Characterization"	BMS Institute of Technology & Management, Bengaluru.
10		SIX days Workshop on Power of MS Excel	ITM University, Gwalior
11	Dr. Ankur Tripathi	5-Day FDP On "Accelerating Innovations In Material Science - Surface Characterization"	BMS Institute of Technology & Management, Bengaluru.
12	Dr. Ankur Tripathi	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
13	Dr. Antim Shukla	5-Day FDP On "Accelerating Innovations In Material Science - Surface Characterization"	BMS Institute of Technology & Management, Bengaluru.
14	Dr. Antim Shukla	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
15	Dr. Archana Kansal	Five Days Workshop on Disaster Risk & Modeling	Madhav Institute of Technology & Science, Gwalior
16	Dr. Arun Kumar Yadav	STP on Security and Privacu Challenges in Computing Paradigms	Dr.B.R Ambedkar National Institute of Technology, Jalandhar
17	Dr. Awadhesh Kishore	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
18	Dr. Bhaskar Mishra	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
19	Dr. Chanda Purushwani	STP on Security and Privacu Challenges in Computing Paradigms	Dr.B.R Ambedkar National Institute of Technology, Jalandhar
20	Dr. Chandan Singh Ahirwar	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
21	Dr. Daulat Singh Chauhan	STP on Security and Privacu Challenges in Computing Paradigms	Dr.B.R Ambedkar National Institute of Technology, Jalandhar
22	Dr. Dheeraj Mishra	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
23	Dr. Dinesh Baboo Tyagi	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
24	Dr. Dinesh Singh Tomar	STP on Security and Privacu Challenges in Computing Paradigms	Dr.B.R Ambedkar National Institute of Technology, Jalandhar
25	Dr. Geetanjali Surange	Five Days Workshop on Disaster Risk & Modeling	Madhav Institute of Technology & Science, Gwalior
26	Dr. Girish Goyal	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
27	Dr. Girish Pandey	5-Day FDP On "Accelerating Innovations In Material Science - Surface Characterization"	BMS Institute of Technology & Management, Bengaluru.
28	Dr. Girish Pandey	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
29	Dr. Gyanendra Singh	STP on Future trends in research methodology for drug discovery & development	All India Council for Technical Education (AICTE), New Delhi
30	Dr. Harendra	5-DAY Fdp On "Accelerating Innovations In Material Science - Surface Characterization"	BMS Institute of Technology & Management, Bengaluru.

31	Dr. Harendra	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
32	Dr. Hema Purushwani	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
33	Dr. Hradesh Rajput	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
33	Dr. Indu Mazumdar	One week online FDP on E-learning and Digital literacy	Sage University, Indore
35	Dr. Jai Dev Sharma	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
36		SIX days Workshop on Power of MS Excel	•
30	Dr. Jai Prakash Gupta	One week online FDP on E-learning and Digital literacy	ITM University, Gwalior Sage University, Indore
38	Dr. K. L. Rajoriya	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
39	Dr. K.N. Nagaich Dr. Kamal Kant Dwivedi	, ,	
39		SIX days Workshop on Power of MS Excel	ITM University, Gwalior
40	Dr. Kamlesh Kumar Chaurasiya	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
41	Dr. Kapil Dave	One week online FDP on E-learning and Digital literacy	Sage University, Indore
42	Dr. Kapil Govil	STP on Security and Privacu Challenges in Computing Paradigms	Dr.B.R Ambedkar National Institute of Technology, Jalandhar
43	Dr. Keerti Shrivastava	Five Days Workshop on Disaster Risk & Modeling	Madhav Institute of Technology & Science, Gwalior
44	Dr. Kishan G. Narayankhedkar	Five Days Workshop on Disaster Risk & Modeling	Madhav Institute of Technology & Science, Gwalior
45	Dr. Lakshman Singh	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
46	Dr. Luxmi Kant Tripathi	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
47	Dr. Mahesh Singh	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
48	Dr. Mamta Pandey	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
49	Dr. Mamta Thakur	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
50	Dr. Manish Sharma	Five Days Workshop on Disaster Risk & Modeling	Madhav Institute of Technology & Science, Gwalior
51	Dr. Manvendra Singh	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
52	Dr. Mayank Chaturvedi	5-Day FDP On "Accelerating Innovations In Material Science - Surface Characterization"	BMS Institute of Technology & Management, Bengaluru.
53	Dr. Mayank Chaturvedi	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
54	Dr. Meghna Sharma	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
55	Dr. Mukesh Kumar Pandey	Five Days Workshop on Disaster Risk & Modeling	Madhav Institute of Technology & Science, Gwalior
56	Dr. Nabarun Roy	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
57	Dr. Neelam Maurya	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
58	Dr. Neha Shrivastava	5-Day FDP On "Accelerating Innovations In Material Science - Surface Characterization"	BMS Institute of Technology & Management, Bengaluru.
59	Dr. Neha Shrivastava	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
60	Dr. Nidhi Dandotiya	Five Days Workshop on Disaster Risk & Modeling	ITM University, Gwalior
61	Dr. Nikita Nehal	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
62	Dr. Nivedita Singh	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
63	Dr. Niyati Jain	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
64	Dr. Pankaj Shrivastava	5-Day FDP On "Accelerating Innovations In Material Science - Surface Characterization"	BMS Institute of Technology & Management, Bengaluru.
65	Dr. Pankaj Shrivastava	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
66	Dr. Partha Sarathi Roy	STP on Future trends in research methodology for drug discovery & development	All India Council for Technical Education (AICTE), New Delhi
67	Dr. Prabha Dixit	5-Day FDP On "Accelerating Innovations In Material Science - Surface Characterization"	BMS Institute of Technology & Management, Bengaluru.
68	Dr. Prabha Dixit	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
69	Dr. Pramod Kumar Fatehpuria	5-Day FDP On "Accelerating Innovations In Material Science - Surface Characterization"	BMS Institute of Technology & Management, Bengaluru.
70	Dr. Pramod K. Fatehpuria	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
71	Dr. Pramod Kumar	One week online FDP on E-learning and Digital literacy	
	Narwariya		

72	Dr. Pramod K. Prajapati	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
73	Dr. Prashant Kumar Singh	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
74	Dr. Pravendra S. Chahar	5-Day FDP On "Accelerating Innovations In Material Science - Surface Characterization"	BMS Institute of Technology & Management, Bengaluru.
75	Dr. Pravendra S. Chahar	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
76	Dr. Preeti Singh	One week online FDP on E-learning and Digital literacy	
77	Dr. Priyal Pandey	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
78	Dr. Pushpendra Verty	5-Day FDP On "Accelerating Innovations In Material Science - Surface Characterization"	BMS Institute of Technology & Management, Bengaluru.
79	Dr. Pushpendra Verty	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
80	Dr. R D Gupta	Five Days Workshop on Disaster Risk & Modeling	Madhav Institute of Technology & Science, Gwalior
81	Dr. Raghvendra Singh	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
82	Dr. Rajendra Singh Rajput	Five Days Workshop on Disaster Risk & Modeling	Madhav Institute of Technology & Science, Gwalior
83	Dr. Rajesh Kumar Deolia	Five Days Workshop on Disaster Risk & Modeling	Madhav Institute of Technology & Science, Gwalior
84	Dr. Ranjana Goswami	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
85	Dr. Ranjeet Singh Tomar	Five Days Workshop on Disaster Risk & Modeling	Madhav Institute of Technology & Science, Gwalior
86	Dr. Ratan Kumar Jain	Five Days Workshop on Disaster Risk & Modeling	Madhav Institute of Technology & Science, Gwalior
87	Dr. Ravindra Nath	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
88	Dr. Rekha Vashishtha	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
89	Dr. Richa Kothari	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
90	Dr. Rita Sharma	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
91	Dr. Sanjay Kumar Jain	STP on Security and Privacu Challenges in Computing Paradigms	Dr.B.R Ambedkar National Institute of Technology, Jalandhar
92	Dr. SK Narayankhedkar	Five Days Workshop on Disaster Risk & Modeling	Madhav Institute of Technology & Science, Gwalior
93	Dr. Sarvesh Singh	5-Day FDP On "Accelerating Innovations In Material Science - Surface Characterization"	BMS Institute of Technology & Management, Bengaluru.
94	Dr. Sarvesh Singh	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
95	Dr. Shailesh Kumar Singh	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
96	Dr. Shama Parveen	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
97	Dr. Shashi Kant Gupta	STP on Security and Privacu Challenges in Computing Paradigms	Dr.B.R Ambedkar National Institute of Technology, Jalandhar
98	Dr. Sheshnath Mishra	5-Day FDP On "Accelerating Innovations In Material Science - Surface Characterization"	BMS Institute of Technology & Management, Bengaluru.
99	Dr. Sheshnath Mishra	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
100	Dr. Shiv Om Singh	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
101	Dr. Shiv Singh Tomar	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
102	Dr. Shyam Akashe	Five Days Workshop on Disaster Risk & Modeling	Madhav Institute of Technology & Science, Gwalior
103	Dr. Sonia Johari	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
104	Dr. Subodh Kumar Dubey	STP on Future trends in research methodology for drug discovery & development	All India Council for Technical Education (AICTE), New Delhi
105	Dr. Sudheer Kumar Pathak	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
106	Dr. Sujeet Kumar Mritunjay	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
107	Dr. Syed Kamran Ahmad	5-Day FDP On "Accelerating Innovations In Material Science - Surface Characterization"	BMS Institute of Technology & Management, Bengaluru.
108	Dr. Syed Kamran Ahmad	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
109	Dr. Tufail Ahmad	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
110	Dr. U. K. Gupta	One week online FDP on E-learning and Digital literacy	
111	Dr. Uday Pratap Singh	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
112	Dr. Vani Agrawal	STP on Security and Privacu Challenges in Computing Paradigms	Dr.B.R Ambedkar National Institute of Technology, Jalandhar
113	Dr. Vinay Kumar Pandey	5-Day FDP On "Accelerating Innovations In Material Science - Surface Characterization"	BMS Institute of Technology & Management, Bengaluru.
114	Dr. Vinay Kumar Pandey	SIX days Workshop on Power of MS Excel	ITM University, Gwalior

115	Dr. Vipin Tiwari	One week online FDP on E-learning and Digital literacy	Sage University, Indore
	Dr. Yogesh Chandra	STP on Security and Privacu Challenges in Computing	Dr.B.R Ambedkar National Institute of Technology,
116	Goswami	Paradigms	Jalandhar
117	Dr. Dashrath Bhati	5-Day FDP On "Accelerating Innovations In Material Science - Surface Characterization"	BMS Institute of Technology & Management, Bengaluru.
118	Dr. Dashrath Bhati	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
119	Er. Mukesh Sheetpal	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
120	Mr Aditya Sharma	One week online FDP on E-learning and Digital literacy	Sage University, Indore
121	Mr Bhupendra Dhakad	One week online FDP on E-learning and Digital literacy	Sage University, Indore
122	Mr Satyaveer Singh Jat	STP on Future trends in research methodology for drug discovery & development	All India Council for Technical Education (AICTE), New Delhi
123	Mr Shivam Tayal	STP on Future trends in research methodology for drug discovery & development	All India Council for Technical Education (AICTE), New Delhi
124	Mr. Abhijeet Ingle	One week online FDP on E-learning and Digital literacy	Sage University, Indore
125	Mr. Abhishek Kumar	One week online FDP on E-learning and Digital literacy	Sage University, Indore
126	Mr. Abhishek Saxena	One week online FDP on E-learning and Digital literacy	Sage University, Indore
127	Mr. Ankur Sharma	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
128	Mr. Anurag Agrawal	STP on Future trends in research methodology for drug discovery & development	Dr.B.R Ambedkar National Institute of Technology, Jalandhar
129	Mr. Arun Singh Kushwah	One week online FDP on E-learning and Digital literacy	Sage University, Indore
130	Mr. Arun Singh Kushwah	One week online FDP on E-learning and Digital literacy	Sage University, Indore
131	Mr. Ashirwad Dubey	One week online FDP on E-learning and Digital literacy	Sage University, Indore
132	Mr. Ashish Garg	One week online FDP on E-learning and Digital literacy	Sage University, Indore
133	Mr. Biwash Gurung	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
134	Mr. Harihar Nath Verma	STP on Security and Privacu Challenges in Computing Paradigms	Dr.B.R Ambedkar National Institute of Technology, Jalandhar
135	Mr. Jai Kumar	One week online FDP on E-learning and Digital literacy	Sage University, Indore
136	Mr. Jayant Singh Tomar	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
137	Mr. Kamlendra Singh Bhadoriya	STP on Future trends in research methodology for drug discovery & development	Dr.B.R Ambedkar National Institute of Technology, Jalandhar
138	Mr. Kunal Adhikary	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
139	Mr. Mathew George	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
140	Mr. Mayank Sharma	One week online FDP on E-learning and Digital literacy	Sage University, Indore
141	Mr. Nem Kumar Jain	STP on Future trends in research methodology for drug discovery & development	Dr.B.R Ambedkar National Institute of Technology, Jalandhar
142	Mr. Niraj Kumar	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
143	Mr. Rajkumar Jat	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
144	Mr. Ramniwas Rathore	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
145	Mr. Santosh Kumar	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
146	Mr. Shailendra Singh Ojha	One week online FDP on E-learning and Digital literacy	Sage University, Indore
147	Mr. Shyam Kishor Patel	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
148	Mr. Sohit Agrawal	One week online FDP on E-learning and Digital literacy	Sage University, Indore
149	Mr. Vimal Sharma	One week online FDP on E-learning and Digital literacy	Sage University, Indore
150	Ms Sunidhi Shrivastava	STTP on Applied computing	Madhav Institute Of Technology And Science, Gwalior
151	Ms. Divya Niranjan	STP on Future trends in research methodology for drug discovery & development	Dr.B.R Ambedkar National Institute of Technology, Jalandhar
152	Ms. Neha Garg	STP on Security and Privacu Challenges in Computing Paradigms	Dr.B.R Ambedkar National Institute of Technology, Jalandhar
153	Ms. Paramita Deb	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
154	Ms. Pratisha Srivastava	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
155	Ms. Priyanka Keshri	STP on Future trends in research methodology for drug discovery & development	Dr.B.R Ambedkar National Institute of Technology, Jalandhar
450	Ma Tranti Dathali	SIX days Workshop on Power of MS Excel	ITM University, Gwalior
156	Ms. Trapti Pathak	on days workshop on i ower of wo Ercer	This officially, divalian

### **MECHANICAL** ENGINEERING



The course curriculum of undergraduate programme of mechanical engineering includes fundamentals of thermodynamics, heat and mass transfer, energy conversion systems, refrigeration and air conditioning, fluid mechanics, fluid and turbo machinery, kinematics and dynamics of machines, machine design, modeling and simulation, material science, CAD/CAM, tool design, manufacturing methods, production process, production planning and control, CNC machines, automobile, industrial engineering and management, tribology, and aspects of machinery noise, vibration and maintenance.

Mechanical Engineering is one of the core branches of engineering. It practically interfaces with all other branches of engineering and technology. All engineering products need knowledge of mechanical engineering for planning, designing, manufacturing, transportation, servicing and maintenance. The branch therefore has continuous demand weather the product is an electrical or electronic gadget, consumer item, and computation or communication devices. The mechanical engineering has a major role in automobile, aviation, production, power generation, mining and refineries.

B. Tech./B. Tech. (Hons.) Mechanical Engg.

#### Uniqueness

The department right from the inception has been offering undergraduate and advanced studies under all the broad field of Thermo-Fluids, Materials and Design, Manufacturing Sciences and Robotics. The current area include computer aided design techniques, computer aided manufacturing, flexible and robotic manufacturing systems, intelligent machines and systems, computer graphics, precision engineering, automation, advanced machining methods and materials. The latest CNC lathe machine has also been installed in the departmental workshop.

#### **Career options & Placement Opportunities**

The career options are unlimited for mechanical engineers as fields of design and development, production, maintenance, production planning and control, sales, valuation are wide open in all private industries, PSUs and government enterprises. The data reveals that growth and success probability in career is more for mechanical engineers. The mechanical engineering graduates have ample placement opportunities.

- Almost every industry needs more mechanical engineers than engineers in their specific branch.
- The branch that gives you the widest security of job. There are more than 80000 types of jobs available for mechanical engineers.

The leading sectors requiring mechanical engineers are automotive, energy, oil and gas, commercial and consumer products, construction equipments, defence, armed forces, business circle, aerospace, power generation, nuclear, alternative fuels, utility companies, chemical and environmental industries, pharmaceuticals and health care, bio medical, sports equipment manufacturing etc.

#### **Major Recruiters**

 General Motors · HONDA · TOYOTA · ONGC · Indian Oil Reliance · Shell · Esso · Godrej · Unilever · DLF · L & T · ABB · BOSCH · SIEMENS

#### **Resources**

The department of mechanical engineering has well equipped Workshop and labs of thermodynamics, heat and mass transfer, energy conversion systems, refrigeration and air conditioning, fluid mechanics, fluid and turbo machinery, kinematics and dynamics of machines, machine design, graphics, CAD/CAM, internal combustion engines, automobile, metrology and measurement, and vibration engineering. Additionally the department has a functional CNC machine shop used extensively for student's training and projects.



#### **Student's Achievements**

- In the ECO KART competition of 2015 our cart was appreciated as "Best SUV of the Event" due to its design and aesthetic appearance. The team also won the "Best captain" award.
- Secured First Rank in Gwalior Region in Virtual round of "Go Kart" Championship.
- Team "YOGA" from "ITM UNIVERSITY, GWALIOR" has successfully completed the Virtual Round of Eco KART 2014, Securing 12th Rank All India. The Team is now eligible for further performing in the Dynamics Round of ECO KART 2014
- Participated in national seminar on "Emerging Market Opportunities for Off-Highway industry in India" which was in industrial collaboration of Volvo, JCB, John Deere, M&M, Cummins, TAFE, Caterpillar, Eaton, L&T PTC, KPIT, L&T, Infosys, Mahindra, etc.

#### **Research Areas**

ITM University Gwalior carries out original research of significance in the cutting edge area under mechanical engineering. Beside research it also imparts training for students to make them competent and motivated professionals. The institute not only celebrates freedom of thoughts, cultivates vision, encourages growth but also inculcates human values and concern for the environment and the society.

The current research areas are in the fields of Thermal, Production, Design and Vibration Engineering. The quality research papers have been published by the faculty members in leading international journals and several papers have also been awarded as best technical papers of the year.

### COMPUTER SCIENCE ENGINEERING



The courses offered in the Department are aimed at preparing students for a career in any of the main areas of Computer Science & Engineering/Information Communication Technology where they can put to practice the knowledge acquired during the study.

Through rigorous theory and laboratory practices, the students are equipped to seek position in an organization engaged with computational and software development applications. Global Excellence and Local Relevance in research, teaching, and technology development is the vision of the Department. The Department was started as the Computer Centre in 2011. The Department has state-of-the-art infrastructure and computing equipment supported by high speed Ethernet and wireless networks.



#### B.Tech (Computer Science Engineering)

#### **Uniqueness of Programme**

Our faculty members aim at delivering top class education blending their rich research experience with classroom teaching.

The Department of Computer Science and Engineering provides an outstanding research environment complemented by excellence in teaching.

The Department has a comprehensive curriculum on topics related to all aspects of Computer Hardware and Software with an emphasis on practical learning. The course structure is up-to-date and includes courses on promising topics to equip our students with the latest developments in Computer Science and Engineering.

- Hardware Trouble shooting and Maintenance cell caters to the needs of all the departments of the entire ITM University.
- The R&D cell is constantly striving for research in some of the niche areas in information & communication technology.
- The Department is assisted by a well maintained Departmental library for references.

#### **MOUs**

The MUO creates an accord between the industry and ITM University Gwalior which is benificial for students to enhance their technical skills and groom them as per the industry requirement. The department has signed following MOUs:

- Infosys: Essentials of Information Technology android Application Development and cloud computing are reccomended for students along with faculty training.
- EMC<sup>2</sup> Delhi: Information Storage & Management is reccomended for students along with faculty training.
- Oracle, Nucleus & IBM: Database Management is reccomended for students.
- CISCO: Networking knowledge reccomended for students.
- IIT Bombay spoken tutorial, FOSS

#### **Career Options & Placement opportunities**

IT sector is quite broad in terms of employment and job options. Roles are varieties for Computer engineers in IT sector, but their primary role is to apply the knowledge of mathematics and science to design and develop software to be used by clients or users. Computer engineers can work as network engineers, system management professionals in public, private as well as in academic institution. Computer software engineers have bright career prospects as the application of software and dependency on it in various walks of life are increasing.

Our students have been placed in companies like TCS, Mphasis(EDS), Hexaware, Infosys, Torry Harris, Persistent,



Accenture, Libsys, Amdale, HCL, Unilogic, Applabs, Zensar, Syntel, and Shriram Value Services Pvt. Ltd., Wipro, Satyam, IBM, Mahindra.

#### Resources

Well equipped laboratories with specialized labs of Database, Programming lab, Project lab, Network lab, Computer Graphics & Multimedia and Linux lab. Licensed softwares like Microsoft Campus Agreement which includes Windows XP, MS Office, MS Visual Studio, MS SQL Server, MSDN. The Department is having other softwares like Oracle 9i, 10g, Linux 7.2, Windows NT, Windows 2003 Server Enterprise edition, Win proxy, Turbo C++, Java etc. The Department is having two dedicated leased lines of 20 Mbps for high speed internet connectivity throughout the labs & 15 broadband connections are used as a backup and fault tolerant internet connectivity

#### **Research Areas**

- Computer Architecture, Formal Modelling & Verification
- Computer Networks, Security
- Machine Learning, Information Retrieval
- · Operating Systems, Databases, Distributed Systems
- Speech, Image and Video Processing
- Cloud Computing, Data Mining
- Soft Computing
- Wireless Sensor Network
- Trust Management in VANET
- Big Data Analysis



### ELECTRONICS & COMMUNICATION ENGINEERING



The department of Electronics and Communication Engineering was established in year 2011 with the intent of raising highly qualified Engineers and Researchers who can make substantial contribution in the field of Electronics and Communication Engineering. In present era the field of Electronics and Communication Engineering plays an important role in almost every sphere of our life. It has penetrated in every field of our existence whether these are television, washing machines, mobile phones or automated vehicles. It mainly deals with the communication technologies along with the basic electronic components, design of circuits and systems.

**B.Tech./B.Tech.** (Honors) Electronics & Communication Engineering

#### **Uniqueness**

- · Highly qualified and experienced staff.
- · Faculty with wide array of specializations.
- Faculty with specializations in VLSI Design, Microwave Engg., Wireless Communication, Communication Systems, Applied Electronics, Digital Communication, Measurement and Control.
- Syllabus designed in collaboration with the industries to enhance placements.
- For hands on experience and innovation, every subject is supplemented with a project.
- Emphasis on Research and Innovation.
- Involvement of students in R & D centres of department.
- A wide array of electives which gives freedom to study the subjects of their interest.
- Continuous organization of Seminars, Conferences and Workshops.
- Publications in International, National Journals and Conferences of repute.
- · Well equipped Laboratories.

#### **MOUs**

The MOU creates an accord between the industry and the university which is beneficial for students to enhance their technical skills and groom them as per the requirement of the industry. The department has signed following MOUs:

- Rockwell Automation: One of the largest companies in the field of automation of the country has signed MOU to provide on campus training and placement assistance.
- Hewlett Packard: World's third largest IT giant has signed a MOU to train students as per the requirement of IT Industry.
- CISCO: CISCO has signed MOU to train students as per the requirement of Networking Industries.
- Excel Technologies: A premier industry for manufacturing laboratory equipments has signed MOU for internship of students and their summer training.
- Scientech Technologies: A premier industry for manufacturing laboratory equipments has signed MOU for internship of students and their summer training.

#### **Career options & Placement Opportunities**

Electronics and Communication Engineering offers scope in the field of Wireless Communication, VLSI Technology and Design, Digital Signal Processing, Television Broadcasting, Embedded Systems, Microwave Engineering, Nanotechnology, Satellite Communication, Space Research. Beside these, students also get a chance to be placed in software companies because of the versatility of Electronics & Communication Engineering students.



#### **Major Recruiters**

Samsung • LG • DRDO • ISRO • ST Microelectronics • Bharat Electronics Limited • BSNL • Idea • Airtel • Vodafone • Videocon • Nokia

#### Resources

- Well furnished and spacious classrooms.
- Well equipped library with 2564 titles and 22000 volumes.

The department has well equipped laboratories to efficiently run all the courses. The department has following Laboratories:

- Basic Electronics Lab
- Electronics Workshop
- · Electronic Devices and Circuits Lab
- Digital Electronics Lab
- Networks Analysis & Synthesis Lab
- Instrumentation & Measurement Lab
- Analog & Digital Communication Lab
- Microprocessor & Microcontroller Lab
- Control Systems Lab
- PCB & Project Lab
- Software Lab
- Microwave Engineering & Antenna Lab
- Television Engineering Lab
- Optical Communication Lab

#### **Research Areas**

Abundance of research areas are available in field of Electronics and Communication Engineering:

- VLSI Design
- Microwave Engineering
- Wireless Networks & Communication
- Digital Communication
- Embedded Systems
- Microelectronics
- Nanotechnology

### **CIVIL** ENGINEERING



The demand for better infrastructure is exponentially increasing every year with every sector of economy demand more office, residential, commercial, industrial, and hospital buildings, water supply and sanitary engineering facilities, Transport i.e. roads, railways, airports, tunnels, bridges. & ship ports, etc., communication & entertainment, petrochemical and refining etc. Hence demand to construct these facilities and maintain them in working conditions, is never going to decrease. The demand for better quality of civil engineers will continuously increase.

Civil engineering is the practical application of principles of science to provide better quality of life to human beings. It was divided into two areas (i) civil applications and (ii) military applications. All other engineering branches sprang from this basic civil engineering. Civil engineering has the capability of kick starting the economic development of nation. Hence starting from 1st Five year plan, right up to current one, the outlay of expenditure, both in public and private sector has been more than 50% of the total.



**B. Tech./B. Tech. (Hons.)** Civil Engineering

#### **Uniqueness of Programme**

Our students have great opportunities of employment in infrastructure projects, Real estate development, maintenance and management of construction projects in almost all the sectors of economy. The best opportunity for a fresh engineering graduate is self-employment and to start their own construction and consultancy firms. The number of Civil engineers is the index of economic development of any country.

The Civil Engineering Department of the University is concentrating on increasing the employability of students apart from transfer of knowledge and professional skills.

Department is offering training option to students in (1) AUTOCAD (2) STAAD (3) PRIMAVERA (4) MS-PROJECT (5) AMCAT etc.

#### **Career options & Placement Opportunities**

L&T, Hindustan Construction Company, Simplex Infrastructure Ltd., Punj Lloyd, Continental construction, G.M.R. Group, Lanco Infratech, Atlanta Ltd., Man Infroconstruction Ltd., IVRCL Ltd., Il&FS Engineering & Construction Company Ltd., Shopurji Palanji Construction Corporation, Local Big Contractors, Builders and Developers, National Project & Structural Consultancy Firms, Consultants and Real Estate Developers and Maintenance Engineers.

Apart from these private sector companies, the major employer of civil engineers are the Government and Public sector undertakings like: state and central P.W.D's, Irrigation Deptt., P.H.E Deptt., Municipal Corporations, City Development Authorities, Housing Corporations and Boards, Town & Country Planning Boards, Steel Plants, Industrial Corporations, National Building Construction Corporations, Electricity Boards, Power Plants etc.

#### **Resources**

Civil Engineering Department is having excellent and experienced faculty with a mixture of old and young teachers. Department is having laboratories which are almost fully equipped and continuously developing according to the changing requirements as per the demands of Industry. These include civil engineering workshop, Surveying, Strength of materials, Geology, Geotechnical, Concrete, Highway materials, and Model labs etc. Apart from these department has departmental computer lab for training in AUTOCAD, STAAD, PRIMAVERA and other useful Civil engineering soft wares.



Kirloskar Academic Block

#### **Students' Achievements**

Our students actively participate in intra mural activities, national & international activities. The Special mention is to be made of Navneet a student of B.Tech. II yr. Civil Engg., who got selected for an international conference in Germany, namely SHC 2013,conducted by solar committees of USA & BELGIUM. He competed 297 students from 49 countries to get his selection for final presentation. However this project will also be sent to Intel science foundation for further details as a display in science fair.ITM family congratulate the Master NAVNEET on his grand success.

The students are encouraged to establish a Society of Civil Engineering in the University. In the meetings of this society, students interact with invited field experts and pioneers of Construction Industry as to what are their requirements and expectations from fresh graduate. This greatly helps to increase the employability skills of students.



### ELECTRICAL ENGINEERING



The department of Electrical Engineering was established in the year 2011 The department takes pride in its well experienced and qualified faculty having Ph.D. & M.E/ M.Tech degree and competent in their respective areas. Department is also aided by eminent visiting professors, who are expertise in the electrical field to impart quality education to our students. The department of EE strives to impart application and practice based technical knowledge to students.

Electrical engineering is a field of engineering that generally deals with the study and application of electricity, electronics and electromagnetism. Electrical engineering is considered to deal with the problems associated with large- scale electrical systems such as power transmission and motor control. Electrical Engineering has been a core branch of engineering with immense potential in government and private sectors.



The mission of the two courses offered by the department is to provide quality education for its students and an outstanding professional development environment for its faculty and students.

B.Tech./B.Tech. (Hons.)
 Electrical Engineering

#### **Uniqueness of Programme**

- Learning management system is a software application for the administration, documentation, tracking, reporting and delivery of e-learning education courses or training programmes. We use LMS to deliver online courses and study material which is commonly not available to the students in most of the institutes. It will help to handle all the aspects of the learning process.
- MIS is a software for fee management, course management, attendance, tests, exam results, library management, department management, staff information, student information and information about the management are its different modules.
- Classes by AMCAT is an initiative by Aspiring minds whereby students of all branches are trained on aptitude, quantitative ability, logical ability and on personality development so as to increase the employability of students.
- Training offered
- Technical/Soft Skills
- University has collaborated with AMCAT, an Initiative by Aspiring Minds which strives to help institutions and companies from choosing the right individual. Students are trained by professionals of AMCAT, who are alumni of premier institutions such as IITs, IIMs and NITs.

#### **Career options & Placement Opportunities**

- Electrical Engineers can pursue Master of Science in foreign universities by qualifying Graduate Record Examination (GRE) or Test of English as Foreign Language (TOEFL) or International English Language Testing System (IELTS).
- For pursuing Master of Technology, Electrical engineering graduates have an option to consider specializations such as power electronics and drives, power systems, electrical machines, control and instrumentation, applied electronics, embedded systems, VLSI Design, Nanotechnology, Nano-medical sciences, remote sensing and geo-informatics systems, clinical engineering and so on.
- Electrical Engineers can also get a professional engineering (PE) license through the state's licensure board which gives them the authority to sign and seal engineering plans and offer their services to the public.

#### **Major Recruiters**

Power Grid Corporation





- Bharat Heavy Electricals Limited(BHEL)
- Gas Authority of India Limited(GAIL
- National Hydel Power Corporation
- Indian Oil Corporation Limited
- Bhabha Atomic Research Centre
- Delhi Metro Rail Corporation
- Bharat Petroleum Corporation Limited
- Nuclear Power Corporation of India Limited
- Oil and Natural Gas Corporation
- ABB Asea Brown Boveri
- Reliance Energy
- Jindal Steels
- J K Tyres
- Tata Motors
- Bajaj Electricals
- Crompton Greaves
- Kirloskar
- Cummins
- Schneider Electric
- General Electric
- JP Power Ventures

#### Resources

The electrical department is equipped with many labs and experiments covering the entire syllabus namely basic

- Electric Engineering Lab
- Electric Machines Lab
- Electrical Measurements Lab
- Network Analysis lab
- Simulation Lab
- Microprocessor Lab
- Power Electronics Lab
- Control Systems Lab
- Power System Lab
- Electric Drives lab

#### **Research Areas**

- · Industrial Systems & Drives,
- · Electric Machines, Power Systems,
- · Power Electronics,
- Congestion Management.

### **COMPUTER** APPLICATIONS



The institute has well equipped labs, multimedia classrooms and large warehouse of books, articles, magazines in library to have maximum knowledge opportunity. School believes in innovative teaching learning process supported by advanced curriculum developed by experts from IIT's, and leading Universities of the country in consultation with professionals from industry and research organizations. The School is successfully meeting the objective of producing skilled manpower of the highest quality who are able to cope up with challenges of ever evolving industrial needs of the country. The basic intent of the school is to impart quality education at Undergraduate, Postgraduate and Doctoral research levels.



#### • BCA

- BCA (H)
- MCA

#### Uniqueness

- To programme and coordinate the overall performance, a certain number of students are assigned to a Faculty member who is called their Faculty Advisor/Mentor.
- Provision of registration in contact courses for grade improvement.
- Grade system used for results to minimize the stress level of the students.
- Elective courses that bridges the gap between industry requirements and academia.
- Projects based on elective courses so as to develop expertise in one specific area.
- Communication skills orientation and personality development programmes are incorporated in the scheme of examination to make that course compulsory.
- Hands on experience in most of the courses of computer applications so as to impart practical knowledge in the relevant field.
- Research based dissertation in final semester to expose the students to recent developments in their field of interest under the guidance of competent faculty members. Also guide students in planning their courses of study and for getting general advice on academic

#### MoUs

- Doc system for informatica
- One Planet Research Oracle (for Oracle Certification)
- CISCO for CCNA
- HPES for RDBMS, Linux, SCJP, MCSD, MCSE and software testing

#### **Career options & Placement Opportunities**

The courses offered in the school are aimed at preparing students for a career in any of the main areas of computer science/applications where they can put to practice the knowledge acquired during the study. Our students have been placed in companies like TCS, Mphasis(EDS), Hexaware, Infosys, Torry Harris, Persistent, Accenture, Libsys, Amdale, HCL, Unilogic, Applabs, Zensar, Syntel, and Shriram Value Services Pvt. Ltd., Wipro, Satyam, IBM, Mahindra. Students can also apply in various government and private sectors for getting chance of placement like Banking sectors, civil services etc.

 Seven BCA (Hons) VI semester students were selected by WIPRO Technologies Pvt. Ltd. in 2014 campus placment drive. Company is also providing them 4 years MS Degree from BITS Pilani & VIT Vellore.



#### Resources

- Well-equipped labs & multimedia classrooms.
- Every classroom & lab having LCD Projector.
- · All classrooms are breezy and nature friendly.
- Licensed Softwares.
- Campus agreement with Microsoft Corporation for use of all its softwares.
- High Server Configuration.
- 12 MBPS lease line internet connection capacity available in Labs.
- Having enough power backup facility upto 100 KVA.

#### **Co-curricular & Extracurricular**

- Two days workshop on "Android Applications Development" on 15th -16th March, 2013 in association with CSI student chapter ITM Universe, Gwalior(M.P)
- Two days workshop on "MATLAB Basics using Image Processing & Neural Network Tools" on 20th -21st May, 2013 in association with CSI student chapter ITM Universe, Gwalior (M.P)
- Two days workshop on "Web Designing with HTML" on 12th -13th July, 2013 in association with DUCAT, Noida (U.P)
- One day seminar on "Window Apps Development and Introduction of Window Azure" on 10th Sept, 2013 in association with CSI student chapter ITM Universe, Gwalior(M.P) and Microsoft Student Partner.
- Two days workshop on "Cyber Security & Ethical hacking" on 20th-21st Feb. 2014 in association with CSI student chaper, ITM-University, Gwalior (M.P.)
- Guest lecture was conducted on Informatica on 10th March 2014 in association with CSI-Student Chapter, ITM Iniversity Gwalior (M.P.)

#### **Research Areas**

- Image & Video Processing
- Data & Web Mining
- Network Security
- Cloud computing

### BUSINESS MANAGEMENT



Our programmes are a showcase of flexibility, predictability, and transparency. All our academic programmes are based on a system of creditsgenerally guided by ECTS (European Credit Transfer and Accumulation System) as a proper means of promoting the most widespread student mobility.

ITM School of Business has been Ranked at 32nd Position by NIRF (National Institutional Ranking Framework, MHRD, Govt. of India in April 2016) and Ranked at 13th Position amongst the Top 100 B-Schools in India in terms of "Intellectual Capital, Physical infrastructure, Industry interface and Placements" (By Career Connect, February 2016, Vol.- 4, Issue- 6). ITM School of Business is one of the flagship and leading B-schools of Central and North India. It has received highest ratings for its learning-outcomes based academic programmers, state-of art Infrastructure, rich academic resources, continuous evaluation system, credit based system and global outlook. The basic intent of the B-school is to impart quality management education at Undergraduate, Postgraduate and Doctoral research levels.



#### • MBA

- BBA
- BBA (Hons.)
- B.Com.
- B.Com (Hons)

#### Uniqueness

- Dual Specialization with options in Marketing, Finance, HRM, International Business.
- Rich curriculum designed by Industry and faculties from reputed Institutions like IIMs/IITs etc.
- Distinctive blend of core courses, specialized electives, workshops, projects, field studies and dissertation.
- Trimester based process of rigorous teaching-learning.
- Flexible Programmes with choice based credit system.
- Case Based Pedagogy, wherein, popular cases from Harvard/Darden/Ivey etc. are used.
- Workshops on SPSS, E-Views, Marketing Engineering, Compensation Planning, Business drafting, Entrepreneurship, Managerial Computing using MS Excel, Financial Modelling through Spreadsheet etc.
- Quality teachers with doctoral degrees and research exposure at prestigious institutions like IIMs, ISB and international Business Schools like Harvard etc.
- Good blend of faculties with robust academic credentials and rich industry exposure.
- Fully equipped modern classrooms with LCD projectors; Wi-Fi connectivity.
- Modern facilities like Seminar halls, with combined seating capacity of more than 800 for conduction of events like MDPs, FDPs, Workshops, National and International Seminars and Conferences etc.

#### **Licensed Softwares**

SPSS 20.0 • E-Views

#### **Career options & Placement Opportunities**

School of business has a marvelous track record of placements across the entire North and North central region of India. Our batch of MBA 2016 witnessed an overall placement of 94 percent amongst the eligible students and MBA Supply Chain batch of 2016 in particular clocked a record of 100 percent placement. Our batch of MBA 2016 witnessed an overall placement of 94 percent amongst the eligible students and MBA Supply Chain batch of 2016 in particular clocked a record of 100 percent placement. Some of the major recruiters were Kent RO, Airtel, Axis Bank, HDFC Bank, Naukri.com, Safeducate, DICT, Money Capital Height Research, Safexpress, Jaypee Infratech, Grofers India Pvt. Ltd., Info Edge, Career Mantra, JeevanSaathi.com, Epic Research, S&P Capital IQ, PwC, Asian Paints, iResearch Services, Universal Hunt, 99acres. com, ICICI Securities, Nielsen, Pepperfry, Gojavas, Satin Credit care, Fedex, HCL BServ, Fusion Microfinance, Trifid Research, IndiaMART InterMESH) etc.

#### **Academic Activities**

- Strong Industrial Interface
- Quality Academia Interface
- Skill Based Competition
- Case writing workshops
- Sagacitas The Management Fest
- Innovation Summit
- National Seminar-SUSPIRE
- National Research Methodology Workshops using SPSS
- International Conference-INNOSERVE



# PHARMACY



The School of Pharmacy is currently offering Bachelor degree course in Pharmacy (B. Pharm.) The school has carefully designed, regularly updated curriculum with industrial orientation which emphasizes on cutting edge technologies in pharmaceutical field and their industrial applications. The school has wellqualified faculties with strong motivation for research and development. The School of Pharmacy, a premier School of ITM University, Gwalior (MP), was established in 2012 offering quality education and research in Pharmaceutical Science. School of Pharmacy is committed to provide an accredited pharmacy degree that incorporates the best professional experience and learning environment with the highest standards of academic excellence, promoting high levels of student achievement.

#### • B. Pharm

• M. Pharm

#### Uniqueness

- Carefully designed, regularly updated curriculum with industrial orientation which emphasizes on cutting edge technologies in pharmaceutical field and their industrial applications
- Well qualified faculty with strong motivation for research and development.
- Central library with more 13000 books (National and International), e-library, journals and e-journals.
- Well Equipped laboratories with proper infrastructure
- Central instrumentation facility with sophisticated instruments like FTIR, UV-Vis spectrophotometer, Fluorescent spectrophotometer
- Medicinal Plant Garden with more than 100 medicinal plants
- Machine room with industry scale: Machines like rotary tablet press, ointment filling / sealing machine, Liquid filling / sealing machines, Ampule sealing machine, Emulsifier, Homogenizer, Microcentrifuge, Electrolab dissolution tester, Sieve shaker, Hardness tester, Disintegration tester, Friability tester, Projection microscope, etc.
- Project based learning
- Workshops as part of curriculum

### Augmentation opportunities available in the department a. MOUs with:

School of Pharmacy is planning to collaborate with IPER, Pune, ICBio, Chandigarh, and other national and international organizations for dual degree / certification courses.

#### **b.** Trainings Offered

Technical:

As per PCI norms, students get minimum 1 month industrial training prior of completion of B. Pharm Course. School of Pharmacy is planning to collaborate with different pharmaceutical industries for visit / training / placements.

Soft Skills: School of pharmacy provides overall personality / skill development programmes for student.

#### **Career options & Placement Opportunities**

Pharmacy is a versatile, dynamic, growing and increasingly diverse profession, which has created many job opportunities in the following areas:

- 1. Pharmaceutical Industries including private entrepreneurship.
- 2. Drug Inspectors and Drug Regulatory Authority.
- 3. Medical Stores & Relationship.
- 4. Drug Testing Laboratories.
- 5. Community and Hospital Pharmacists.



- 6. Commercial Herbal Cultivation.
- 7. Pharma Marketing.
- 8. Teaching and Research

#### **Major Recruiters**

Cipla Pharmaceuticals • Cadila • Dr.Reddy's Laboratories • Ranbaxy • Aventis Pharma • Glenmark • Novartis • Pfizer • Glaxo SmithKline • Johnson & Johnson • Lupin • Teva API

#### **Co-curricular**

Preformulation: Its Impact on Drug Delivery, January 18, 2014, One Day Seminar

First Prof. M.L. Schroff Memorial Lecture Series, March 6, 2014, One Day Seminar

First Prof. M.L. Schroff Memorial Lecture Series, March 6, 2014, One Day Seminar Industry – Institute Interaction, April 7, 2015 One Day Seminar

#### **Research Areas**

Drug Discovery, Computational Chemistry, Natural Products, Natural Polymers, Excipient Research, Hydrogel Technology, Pharmaceutical Biotechnology, Nanotechnology.

#### **Resources**

- Well equipped laboratories and Computer Lab.
- Central library with more 13000 books, journals and e-journals
- Central instrumentation facility with sophisticated instruments like FTIR, UV-Vis spectrophotometer, Fluorescent spectrophotometer.
- Machine Room / Pharmaceutics: Rotary tablet press, Electrolab disintegration tester, 8 station dissolution tester, hardness tester, sieve shaker, tap density tester, friability tester.

#### **Student Achievement**

 Ms. Madhvi Ghadge has secured IPA award for scoring highest marks in B.Pham 1st year among all the institutes/colleges of Gwalior

### NURSING SCIENCE



The INSSR endeavors to achieve the noble aim of nursing education through the stated objectives which are being implemented during the training of the future nurses, imparting the knowledge of the basic principles of the techniques and methods used in nursing practice, making the students to understand the intricacies of nursing care, developing skills and necessary aptitudes for planning and implementing comprehensive nursing care.

Institute of Nursing Science Studies and Research (INSSR) is one of the oldest colleges which was started in the year 2002. However INSSR has been affiliated under the umbrella of ITM University Gwalior in the year 2011. The institute is approved by the Government of Madhya Pradesh and received accreditation from the Indian Nursing Council and State Nursing Council.

- B.Sc. (Nursing)
- Post Basic B.Sc. (Nursing)
- M.Sc. (Nursing)

#### **Uniqueness**

- The programme uses wide range of interactive teaching methodologies like Audio visual aids, hospital visits and educational tours, seminars and presentations, internal tests, quiz, guest lectures, workshops and group discussion to equip the students with the capacity to carry out independent nursing research.
- The Institute offers semester education system for B.Sc. Nursing.
- · Completion of the courses within stipulated time.
- The institution has 35 bedded Health Centre for the students and community people.
- The Institute of Nursing Science Studies and Research (INSSR) is greatly privilege to have a foundation laying ceremony of multi-specialty hospital of 120 bedded capacities as its leading pillars and shall be operational by 2015.

#### **MOUs**

- · Mental hospital, Gwalior
- Maheshwari hospital
- · Ramakrishna mission hospital, Mathura
- KDJ hospital, Gwalior
- · Grover Hospital, Morar, Gwalior
- · CHC, Dabra
- Dist. Hospital, Morena
- PHC, Thatipur, Gwalior
- · PHC, Antari, Gwalior
- · Snehalaya, Rehabilitation centre, Gwalior

#### **Career options & Placement Opportunities**

#### **Clinical Areas:**

Independent nurses practice • Certified Nurse Midwife • Nurse Administrator • Nurse Anesthetist • Nurse practioner • Staff Nurse • Entrepreneur • Military Nursing • Nursing Informatics • Nurse Researcher • Cardiac Rehabilitation Nurse • Occupational Health Nurse

#### **Education:**

Clinical Nurse educator • Staff development officer • Classroom and Clinical teacher • Nurse Researcher • Nurse Educator • Nurse Director • Nurse Editor

#### **Major Recruiters**

The passed out students are placed in different well-known national and international health industries which include hospitals, schools and colleges in different posts.

#### **National:**

Apollo hospital • Escort hospital • Fortis hospital • SAIMS hospital, Indore. •Birla hospital ,Pune • Wockhart hospital • Reliance Paediatric hospital, Mumbai • Max super-specialty



hospital, New Delhi • Sanjay Gandhi Post Graduate Institute, Lucknow, Medanta Hospital, Gurgaon.

#### International:

Australia • UK-London. • Middle east countries • USA

#### **Resources**

Fully equipped different laboratories of nutrition, fundamental of Nursing. MCH, Science, Community health Nursing are available.

- Laboratories
- Nursing Foundation Lab
- Anatomy Lab
- Maternal & Child Health Lab
- Community Health Nursing lab
- Nutrition Lab
- Computer lab

#### **Research Areas**

Faculty members are working in the following research areas:

- 1. Chinese yoga on patient of diabetics mellitus
- 2. Perimenopausal syndrome among school teachers
- 3. Oral health hazard among village people
- 4. Planned teaching programme for adolescent crisis
- 5. Pain management among cancer patients.
- 6. PTP for breast feeding



### SCIENCES LIFE SCIENCES AND PHYSICAL SCIENCES



Research activities of the school are carried out in association with various interdisciplinary laboratories that ranges from basic sciences to more specialized fields of study and investigation. The School of Sciences focus on imparting good quality theoretical and practical education in four science disciplines, namely, Life Sciences, Mathematics, Physics, Chemistry and Environmental Science. The main emphasis of School is to offer courses and training that is relevant to current challenges and issues in science and appropriate for today's employment needs. School offers a range of innovative and contemporary undergraduate and postgraduate courses. Courses are designed to give students a solid background in the sciences and an integrated scientific perspective.

### **LIFE SCIENCES**

#### Uniqueness

- Curriculum offers the opportunity to acquire a deep conceptual understanding of the subjects.
- Project Based Learning (PBL) allows students to work with faculty on current and cutting edge issues.
- Bringing theoretical knowledge of classrooms with practical skills development through workshops, training, project work etc.
- Updated and regularly evaluated course curriculum with emphasis on cutting edges technology and their practical and industrial applications.
- Teaching & learning process provides equal opportunity to slow learners to plan, access and improve their academic theoretical and practical skills.
- Highly educated faculty with strong alignment for research and development.
- Congenial environment for the holistic development of the student.
- Prepare the student for best jobs through training in different sectors.
- Students are motivated to qualify various competitive examinations.
- Continuous augmentation and training for the development of soft skills of the students.
- Well equipped laboratories with advanced central instrumentation facility.

#### **Life Science**

The Department of Life Sciences offers programs designed for students with diverse academic and research experiences through essential academic programs like molecular biology, microbiology, biochemistry, food technology, genetics and cell biology.

Department fosters a highly collaborative environment in which faculty and students engage with both fundamental and applied research.

Areas of research include: biochemistry, bioinformatics, cell biology, developmental biology, genetics, immunology, microbiology and plant molecular biology.

The expansion of Life Sciences has been enormous over the last decade. Today, biological topics and tools pervade almost all disciplines in science and technology.

#### **Programs offered**

- · B.Sc. (Hons.) Biotechnology
- B.Sc. (Hons.) Food Technology
- B.Sc. Microbiology
- M.Sc. Biotechnology
- M.Sc. Food Technology

#### **Collaborations**

Collaborations for research and training with renowned organizations like

 DRDE Gwalior, CIAE Bhopal (Central Institute of Agricultural Engineering). IGIB, NII, IITR, DRDO, IARI, NDRI,



IGFRI, NRCAF, BARC, CIMAP, Cadbury, Pepsico, Claris pharma, Novartis, Dabur, Morepan, and Ranbaxy etc.

#### Career options and placement opportunities:

Career options & Placement Opportunities are provided through campus selection in Renowned Biotech, Pharma companies and various Research Institutes like: WIPRO-VISTA, Panacea biotech SRF, Coca-Cola, Parle, Britannia, Reliance Life Sciences, Nestle, Advance Enzymes, XL Health, Zydus Cadila Ahemdabad, Novartis-Ankaleshwar, Medicaps Pharma Indore, Span Diagonistics Surat, Omgene Biosciences Surat, Glenmark-Goa, Brindavan Beverages-Bareilly, SABMiller, J.B. Mangharam-Gwalior, BGB Biofertilizer Punjab, Amrita Herbals, Premier Biosoft-Indore etc.

Students have been provided assistance in placement both for job as well to undertake research in reputed Institutes like IGIB-New Delhi, NII-New Delhi, IITR-Lucknow, DRDE New Delhi, Gwalior, IARI-New Delhi, NDRI-Karnal, IGFRI, NRCAF-Jhansi, BARC-Mumbai, CIMAP-Lucknow, CCM BHyderabad, CIAE-Bhopal, IIPR Kanpur etc

#### **Laboratory Facility**

The Department of Life Sciences has well equipped laboratories for Biotechnology, Microbiology, Food Technology & Environmental Sciences with advanced central instrumentation facility.



### LIFE SCIENCES



- Central Instrumentation Lab (CIL)
- Ph.D. Research lab PG Food Technology lab
- PG Microbiology Lab PG Biotechnology Lab
- Biotechnology Lab Botany/Zoology UG lab

#### Equipment

- UV-Vis spectrophotometer
- Cooling centrifuge
- · Electrophoresis assembly (Horizontal & Vertical)
- · High speed research centrifuge
- Orbital shaker
- Transilluminator
- Inoculation chamber
- Deep freezer
- DNA Thermocycle (PCR)
- · Laminar air-flow Hood
- FTIR
- Fluorescence spectrophotometer
- BOD incubator
- ELISA Reader
- Trinocular Photography research microscope

#### **Research Projects**

The Department of life Sciences has research projects from different funding agencies such as Madhya Pradesh Council of Science & Technology (MPCST), Bhopal and Department of Science & Technology (DST), New Delhi.

#### **Research Areas:**

The Department of Life Sciences is undertaking research in frontier areas:



- Biotechnology: Phytoremediation, Genome profiling, Abiotic stress, Antioxidanty activity and regulation of metabolic disorders. Isocynates and redox signaling.
- Microbiology: Herbal remedies against opportunistic Candidial infections, Antimicrobial activity of medicinal plants, Characterization of bioactive component from actinomycetes and its antimicrobial spectrum, Bioremediation of waste water, Bacterial degradation of petroleum contaminated soil.
- Food Technology: Functional foods, food as nutraceutical, GM food, RTE & RTS, edible packaging, New product Development, Shelf life enhancement.
- Environment Science: Occupational health, environmental Monitoring

#### **Co-curricular Activities:**

- International conference "Technology Innovation and Management for Sustainable Development"
- National Science Day as per the theme
- Symposiums/Seminars on recent issues
- Workshops on relevant areas
- Millennium Lecture series

#### **Student's Achievements**

Many students of Life Sciences have cleared prestigious all india national examination UGC- CSIR (NET) for JRF, conducted by UGC govt. of India, in different streams i.e. Life Sciences and Food Technology. Students also cleared other competitive examinations like JRF exam conducted by ICAR Govt. of India etc.

#### **P.C. Ray Centre for Research**

To spearhead outstanding and quality research, ITM University has established P.C. Ray center for research. Presently, there are 57 faculty members and 30 research scholars, working in the fields of Life Science, Physical Science, Environmental Science, Food Technology, Pharmaceutical Sciences, Engineering and Technology. The P.C. Ray Centre has been established to

- Undertake state of art research in various disciplines in Science & Technology, develop synergies between various disciplines and emerge as international hub for research, development, consultancy and extension activities in science & technology
- Interact with industries, research laboratories, to develop international collaboration to generate new vistas of knowledge.
- To undertake research projects and train manpower in emerging areas like, Food security, Energy crisis, Environment degradation, Depletion of natural resources, Health, Livelihood & Poverty alleviation.

Centre has identified themes to address above issues. Addressing issues through quality research will pave the way for sustainable development, which will improve the livelihood of people, reduce poverty and evolve resilient societies.

### **PHYSICAL SCIENCES**



**Physics** The foundation of physics is rest upon key concepts and theories which explains and/or models a particular aspect of the behavior of nature. The Department of Physics is dedicated to develop the intellect for understanding the fundamental concepts and principles of physics through the lectures, tutorials, discussions and seminars.



### **PHYSICAL SCIENCES**

#### **Programmes Offered**

- M.Sc. Physics with specialization in:
- Nano Science
- Material Science
- Nuclear Physics
- Ph.D. (Physics)

#### **Research Areas**

#### **Experimental Physics:**

- Nano Science and Technology
- IR detectors
- Solar Photovoltaics
- Thin/Thick Film Technology
- Nano Sensors
- Magnetic Nano structures
- Synthesis of semi conductor nano structures
- Nano composites
- · Opto electronic devices and metal oxide sensors

#### **Theoretical Physics:**

- Nuclear Physics
- Study of Physical system of low dimensionality (nano scale)
- · Computational Nano science/lab initio studies

#### **Infrastructural Resources**

Instruments/Experimental setup for synthesis of nanomaterials available in research lab are:

- CBD system
- CVD System
- Spin coater
- Microwave
- Sol Gel etc

#### **Collaborations**

The department has collaboration with School of Material Science, Manchester University UK and UGCDAE Consortium for Scientific Research, Indore for characterization of the samples.

#### **Placement opportunities**

- Scientist in Research Organizations like DRDO, BARC, ISRO etc.
- · IT field like Infosys, Wipro, TCS.
- Automobile Industry.
- · Electronics/semiconductor industry
- Aerospace industries
- Biotechnology /Forensics
- · Environmental monitoring, control, and remediation
- University teaching and lab research



### Chemistry

The Department of Chemistry offers postgraduate programs sufficiently flexible in its electives to provide excellent preparation for careers in many different areas of chemistry. Course is designed to provide an education based on science both for those who intend to pursue research and for those who intend immediately to pursue a professional career in either chemistry or an allied field in which a sound knowledge of chemistry is important.

The Department's program of teaching and research is remarkable for its breadth, spanning areas such as biological chemistry, inorganic chemistry, organic chemistry, and physical chemistry.

The Department of Chemistry provides an opportunity to the student to obtain a fundamental knowledge of chemistry. There are lecture courses in the basic areas of organic, inorganic and physical chemistry, including specialized courses of petroleum technology, polymer technology, industrial chemistry, petrochemicals etc. Laboratories are well equipped with facilities for inorganic and organic synthesis, physical & chemical measurements, spectroscopic and chemical analysis.

#### **Programs offered**

- M.Sc. Petroleum Technology
- M.Sc. Chemistry with specialization in:
  - Inorganic Chemistry
  - Organic Chemistry
  - Physical Chemistry
- Ph.D. Chemistry Eligibility: As per UGC norms.

#### Resources

The Department is well equipped with a wide range of sophisticated equipments such as Infra-red (IR), UV/Visible spectrophotometer along with other major instruments such as polarimeter, flame photometer, Pensky-Martin apparatus, gas chromatography, calorimeter, aniline point apparatus, Redwood viscometer etc. The School has ample computing facilities consisting of a large number of workstation for research and studies. The internet facility provided by the University is effectively utilized by the students for scientific correspondence. The exposed faculties are also available for supervising M.Sc. and Ph.D. project works. Access of important journals are available online and offline.

#### **Career Options**

The majority of students may engage in education, research & development and, will have wide variety of career options in industries like:

- Petroleum industries
- · Pharmaceuticals
- Chemicals Fertilizers
- Color and paint industries
- Dye industries 
   Paper industries
- Manufacturing food companies
- Electrical equipment
- Metals extraction; and many more

#### **Research Areas**

The research area covers a broad range of multidisciplinary field of current global interests. A brief highlight is given below:

- Organometallic chemistry
- Organic and inorganic synthetic chemistry
- · Surface chemistry
- · Supramolecular chemistry
- · Environmental chemistry
- Material chemistry
- · Waste water analysis and treatment

Presently, a number of research projects are running in the Department, which is funded by various agencies of Ministry of Human Resource & Development of India.

#### **Mathematics**

Mathematics is an essential tool for nearly all scientific studies. Scientists use in it designing experiments, analyzing data, expressing precisely their findings by mathematical formulas, and making predictions on the basis of these findings. Such physical sciences as astronomy, chemistry, and physics rely heavily on mathematics. Social sciences, economics, psychology, and sociology also depend greatly on statistics and several other branches of mathematics. Economists (notably econometricians) use computers to create mathematical models (or econometric models) of the economic systems. The Department of Mathematics covers a broad spectrum of fields ranging from the traditional areas of pure Mathematics to applied Mathematics.

Department offers two undergraduate degrees: a Bachelor of Science in Mathematics and a Bachelor of Science in Mathematics with Computer Science. Students receive instruction of the mathematics supplemented by a strong foundation in Chemistry, Physics, and the Humanities. The Mathematics with Computer Science degree is offered for students who want to pursue mathematics and theoretical computer science within a single undergraduate program.



- **B.Sc.** (PCM)
- M.Sc. (Applied Mathematics)
- · Ph.D. (Mathematics)

#### **Research Areas**

- Elasticity- (i) Elasticity problem using complex method (ii) Fracture Mechanics
- Fluid Mechanics
- Operational Research
- · Non- linear singular boundary value problem
- Special Functions
- Biomathematics

#### **Skills and Qualities**

Mathematicians use mathematical theory, computational techniques, algorithms and the latest computer technology to solve economic, environmental, scientific, engineering, physics, and business problems. Professionals are often a part of an interdisciplinary team that may include economists, engineers, computer scientists, physicists and technicians.

#### **Carrier opportunities**

The degree in mathematics provides an excellent basis for graduate work in mathematics or computer science, or for employment in fields like finance, business, or consulting, operations research analysts, mathematician, chartered accountant, software engineers, banking, teachers, computer systems analysts.



# AGRICULTURE



Agriculture has important role in driving national economy as 55% population is still dependent on Agriculture as it provides raw materials to many industries. With the opening of world economy, our farmers have to be globally competitive in terms of quality and cost of agricultural produce.

 $\mathbf{P}_{1}\mathbf{T}_{1}\mathbf{q}$ 

Agriculture is the main source of livelihood for over 58% of the rural people in India. Although it employs about 52% of the labour force, it contributes to only 13.7 % of GDP and 10.00% of total exports. Rural women, who constitute 30% of the agricultural work force, are amongst the least paid workers. Any effort of poverty reduction and economic development must address the problem being faced by the agricultural sector and turn the challenges into economic opportunities for the poor.

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TrP

- B.Sc. (Ag) / B.Sc. (Ag) Honours
- M.Sc. (Ag) Agronomy
- M.Sc. (Ag) Horticulture

These programmes involve a very rigorous academic and skill oriented practical knowledge transfer, along with opening a window with agriculture know- how through various courses planned with different agro- ecological situations and regional variation. Major thrust is given to include the course curriculum and syllabus as per IV Deans' Committee Recommendation of ICAR. The personality development and professional capabilities courses are also imbibed in the curriculum to make the student well versed in techniques of presenting their knowledge and skill in efficient manner to deal with the concerns of sustainable development of agriculture in all the aspects.

#### Uniqueness

India achieved spectacular agricultural growth since 1966, after advent of the Green Revolution. The increase in food grain production from a meager 51 million tonnes in 1950 to about 264.47 million tonnes 1st advance estimate in 2014-2015 is remarkable achievement unparallel in the history of world agriculture. Similar enhancement in production of milk, fish, oilseeds and fruit & vegetables has also been observed. White, Blue, Yellow and Golden Revolution respectively have been responsible for bringing prosperity in the farming community. The cradle of this success beside government policies and high receptivity of the farming community has been the establishment of institutions of higher agriculture education. These institutions developed new breed of skilled human resources who were instrumental in not only generating new technologies but also in their assessment, refinement and dissemination to the farming community.

The School of Agriculture of ITM University Gwalior was started during the year 2013, looking to the ample scope of agricultural development in Madhya Pradesh. Initially undergraduate (B.Sc. (Ag.) / B.Sc. (Ag.) Hons.) and Postgraduate (M.Sc. (Ag.) in Agronomy and Horticulture) disciplines were started with total intake of 231 students in B.Sc. (Ag.) / B.Sc. (Ag.) Hons. and 27 students in Agronomy and 12 Student in Horticulture. At present the total intake of students in School of Agriculture is 644.

#### **Career/Placement opportunities**

There are tremendous career opportunities in Agricultural services at national level through Agricultural Scientist Recruitment Board (ASRB). Provincial Agricultural Services (PAS) through State Public Service Commission as District Agriculture Officer (DAO), Soil Conservation Officer (SCO), District Horticulture Officer (DHO), Plant Protection Officer (PPO), Extension Officer and other subordinate services. Besides, there is an ample scope in this field of Agriculture especially - Fertilizer, Agro-chemical, Biopesticide, Post Harvest Technology, Rural industries and Research & Development and Banking Sectors. There is also an urgent



need of agriculture graduate as entrepreneur in village based services such as diagnostic laboratories, Advisors on new innovation, markets and development officer in corporate and contract farming.

- Technical competence Acquired: School of Agriculture has experienced faculty in the field of Agricultural and Allied sciences. The field of expertise of the faculty is in the Soil science, Agronomy, Horticulture, Genetic Plant Breeding, Plant Protection and Basic Sciences etc. The school is trying at her level best to develop the skill oriented sets of teaching, research and extension as per specific need of the students and farming community of the M.P. Since the School of Agriculture is initiated to act at very early stage the development of teaching, research and extension is at embryonic stage.
- Augmented Opportunities available in the department: MOU'S with Indian Grassland and Fodder Research Institute, National Research Central for Agroforestry, Jhansi and Central Institute of Sub-tropical Horticulture are under process.
- Training offered: For the entrepreneurship development of Rural Youth, Seed Production Technology and Nursery Raising and Management of Horticulture Crops are already proposed.
- Certificate courses: Mushroom production and Post Harvest Technology.
- Research area: Research areas are proposed in the field of Agronomy and Horticulture with special reference to varietal development, package and practices, Integrated Nutrient Management, Integrated Pest Management and Integrated Weed Management.
- Resources of the department: Experienced Faculty in the field of Soil Science, Agronomy, Plant Pathology, Entomology, Horticulture, Genetics and Plant Breeding, Agricultural Economics, Agricultural Extension, Agricultural Biochemistry, Plant Physiology and other Basic Sciences are already available with the School of Agriculture.
- Infrastructural resources: School of Agriculture situated at present in Sithouli Campus, however, the building of School of Agriculture is to be constructed at Turari Campus along with basic amenities such as 50 hectare Instructional Farm, Laboratory, facilities for Library, Sport and Recreation for all-round personality development of the students.

### PHYSICAL EDUCATION



The School of Physical Education and Sports (SOPES) at ITM University is committed to groom its teachers to be well-prepared practitioners in the field of physical education, sport science and sport pedagogy. We provide our trainee teachers with the most contemporary knowledge: inculcate and infuse them with the right attitudes and values. Along with strong professional preparation, the mission of the school is also to excel in research and become the leader in Physical Education and Sports. Physical education is a unique discipline which is included in school/ college curriculum as it is the only program that provides students various opportunities to learn multiple skills like Motor Skills, Fitness Skills and the skills required for gaining understanding of physical activities leading to prominent benefits.

The Physical Education & Sports Science is one of the fast emerging academic disciplines in our education stream and large number of institutes offer variety of programs in teacher education specializing in Physical Education and Sports Science and sincerely strives to develop the areas of professional competence and expertise in teaching Physical Education as a major subject.

INDOOR

SPORTS

The School of Physical Education and Sports offers two courses;

1. **B.Sc.** (Health and Physical Education) is a three year degree course (six semesters) with intake of 60 seats.

#### **Eligibilities**

 Final examination of the 10+2 system, conducted by any recognized Central/State Board, such as Central Board of Secondary Education, New Delhi; Council for Indian School Certificate Examination, New Delhi and National Open Schooling etc.

Or

 Any Public School/ Board/ University examination in the India or in any foreign country recognized as equivalent to 10+2.

And

- Candidate should have secured at least 40% marks in aggregate in the qualifying Examination (10+2)
- 2. B.P.Ed. (Bachelors of Physical Education) is a two years teachers training program (Four semesters) with intake of 100 seats.
- \* For eligibility of B.P.Ed. courses kindly visit university official website and www.ncte-india.org

#### Uniqueness

- · Yuvraj Singh Center of Excellence (Cricket Academy).
- Sports Scholarship/Free ships/Merit Scholarship.
- International Affairs with various Association and Federations.
- Direct Participation in West Zone and All India Intervarsity Competitions.
- Job opportunities on campus interview.
- Professional Clubs of various minor and major games and fitness as well.
- Collaboration with various Universities at National and International level.
- SC/ST/OBC admission/scholarship as per M.P. Government Norms.
- Practical knowledge through internship program in the areas of physical education and sports.

#### **Career Options**

The aim of physical education is to educate students about significance of physical health, mentally strong and professionally competent personality. It is a well established, highly respected degree, which leads to a variety of careers.

The degree emphasizes teamwork and helps individuals, society, and the nation to develop important interpersonal and communication skills, with stress on critical thinking, Various job opportunities available for sports and physical education professionals. Carrier opportunities in the area of



Physical Education comprises of the jobs of :

- Physical Education Teacher in various schools, institutions and universities worldwide
- Coaching and officiating being an integral part of Physical education and sports.
- The B.Sc. degree is an educational qualification as other graduate program in India.
- Sports Management, Sports Mass Communication, Sports Journalism, Spa, Fitness, Sports rehabilitation, Health care and Sports clubbing are the modern tags to work with physical education and sports professionals.
- Children and geriatric fitness.

#### Resources

- Gymnasium with ultramodern sports facilities as Multi Gym, Squash Court, Billiards Room, Indoor Badminton Court, Weight Training Hall, Table Tennis Hall, Recreation Hall, Rehabilitation Center
- Cricket Ground with latest equipments and 07 turf wickets
- Football Ground 400 Meters. Track
- Basketball Courts Handball Courts
- Volleyball Courts Kho Kho Courts
- Kabaddi Courts Tennis Courts

#### **Research Areas**

- Exercise Physiology
- Sports Psychology
- Sports Biomechanics
- Sports Medicine
- Health Education
- Yogic Sciences, Fitness and Wellness
- Sports management





## How to get into the University?

Admission Procedure: Admission is done through ITM NEST and JEE /PRE MCA /PAT /NATA /GATE /CMAT / MAT / XAT/ATMA/CAT Entrance tests as may be applicable. Written tests, Interviews and Group discussion will be conducted for PG / Ph.D. courses (as applicable) and will be considered for admissions with due consideration to academic record and work experience. For more details visit www.itmuniversity.ac.in.

#### How to Apply

A. Admission Forms are available online at www.itmuniversity.ac.in as well as at Counselling Cell of ITM University Gwalior (M.P.):

- The Application Form for the Entrance Test (ITM NEST) can be obtained against a cash payment of Rs.1000/- from the Counseling Cell, ITM University Gwalior or by sending a Demand Draft for Rs.1000/- drawn in favor of 'ITM University', payable at Gwalior, with a covering letter addressed to "Chairman, Admission Board", ITM University Gwalior, requesting for the Application Form and indicating their complete postal address. On receipt of the DD, the application form will be sent by post. Candidates should write their name, Mobile Number and address on the reverse side of the DD.
- Alternatively, students can download Application Form for free from the website of ITM University Gwalior.

#### **B.** Form Submission

- Candidates can also apply online. Online applicants need to pay (a) Rs. 1000/- online in case of application (b) Rs. 11000/- in case of Application and Registration.
- The Application Form duly completed should be checked for all the entries correctly filled with appropriate course codes indicating your choice for seeking admission. (Ensure that the codes have been put in the right spaces provided against each field) and submit it with (a) DD of Rs.1000/- in case of application (b) Rs. 11000/- in case of Application and Registration drawn in favor of 'ITM University', payable at Gwalior along with photocopy of documents as mentioned in application form through Registered post / Speed Post so as to reach ITM University Campus, Turari, By-pass, Jhansi Road, Gwalior, (M.P.) - 474 001-India

#### Note:

- Incomplete Application Form shall not be considered and no correspondence shall be made in this regard. The Application Form once sold shall not be taken back under any circumstances nor the application fee, refunded in any case.
- The last date for the receipt of completed Application Form at ITM University Gwalior is June 30, 2014 (For MBA – 30th May 2014). Any application received after last date will not be accepted. Any delay in receiving the application by the candidate will not be considered without a valid reason for late submission. The University will not accept responsibility for any postal delay, irregularity or loss in postal transit
- Final allotment of course and branch will be done through cumulative merit of ITM NEST score and 10+2 score. Students as per the merit list can confirm their admissions within stipulated time by paying the balance fee (Rs.10000/- will be adjusted in the course fee).
- If the University is not able to offer admission the registration fee will be refunded after deduction of 10% amount towards processing fee / charges.

### INTERNATIONAL STUDENTS DIVISION



All international students must report to the International Students Division of the University.

International Students will have to submit proof of their legal status in India, as well as proof of adequate before they will be able to register.

#### Supporting documents

Please note that students must have photocopies of supporting documents ready before coming to the International Students Division.

All international students will have to show their original documents and submit two photocopies of the following documents:

- the International Students Information form, completed and signed
- · a valid passport
- a valid study permit endorsed for study at the University or one of the following:

The abovementioned documents must be submitted to the Division and the information must be captured before you can register.

#### Study permit

Every international citizen is required to have a valid passport and temporary residence permit, such as a study permit, endorsed for study at the University.

#### **Contact information**

International Students Division Tel: +91 9669151970 Email: admission@itmuniversity.ac.in Website: www.itmuniversity.ac.in/is Location: Client Service Division Turari Campus











