

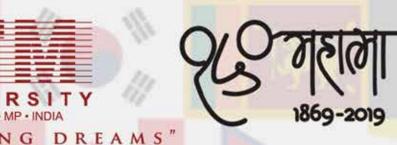
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"CELEBRATI





Speak truth. Do your ethical duties.

Continue without neglect the daily studies in pursuit of truth.

Do not swerve from truth and ethical principles.

Do something useful for the well being of society.

Achieve greatness and do not fail to refresh knowledge.





# **RECOGNITIONS/**

### **APPROVALS / MEMBERSHIPS**







Madhya Pradesh



University Grants





AICTE, Ministry of HRD,





Indian Nursing Council







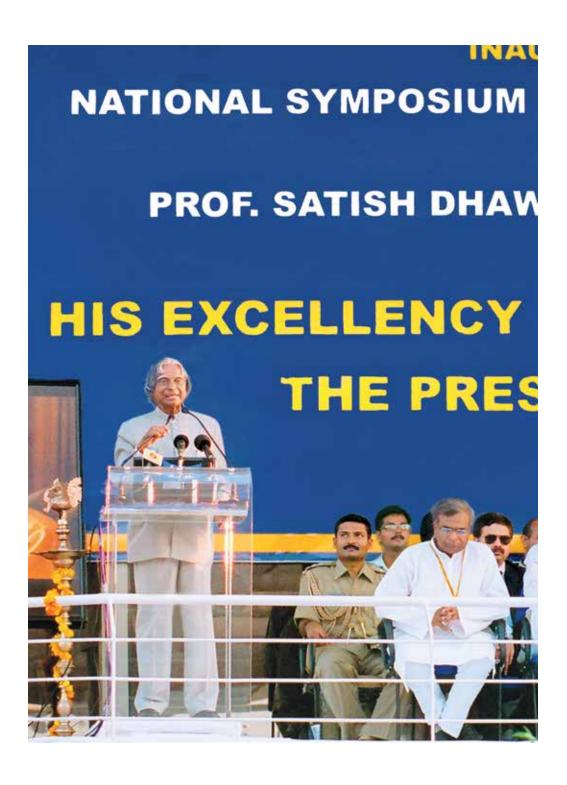
**Bar Council** of India







Dr. APJ Abdul Kalam, President of India delivering Prof. Satish Dhawan Memorial Lecture during NSI-31 at ITM Gwalior Campus. Also seen on dais Mr. Ramashankar Singh, Founder Chancellor/Chairman, ITMU





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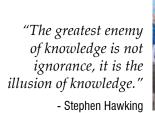














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### **WELCOME TO ITM UNIVERSITY GWALIOR**

ITM University Gwalior is one of the best universities in India in terms of it's academic reputation and infrastructure. Here are some facts and figures that make ITM University the revered institution it is today:



65,726\*

placement opportunities provided to students

82%

of the total eligible students placed so far

of the total students have been placed from the last 3 batches of MBA

major industries & MNC corporate recruiters

3034

students placed in last 3 years

A Minimum of

placement opportunities provided to eligible students

Visit our website to learn more about the University.

www.itmuniversity.ac.in

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.

ITM University Gwalior offers virtually unlimited opportunities for inquiry, discovery, and education

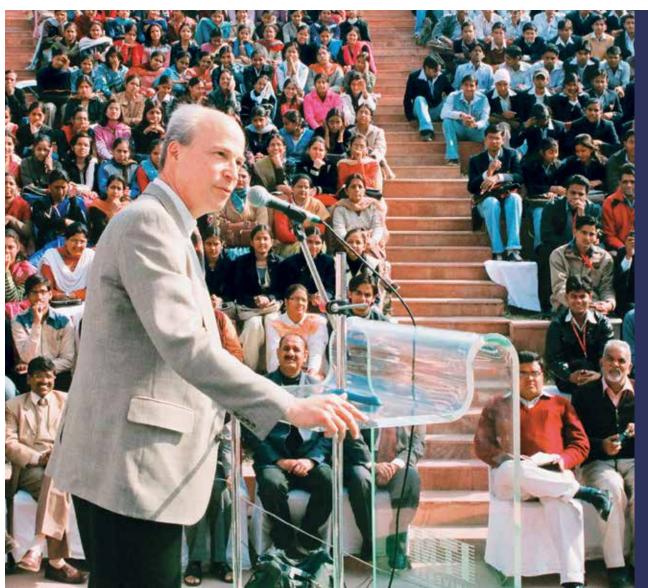
David Warner

\*Facts about ITM Group The campus placement process for 2019 batch is still in progress.

# VISION, MISSION AND VALUES

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



### VISION

- To emerge as a global hub of knowledge creation, cutting edge research & development, and the center for development of skills to create entrepreneurs capable of contributing to different fields
- To emerge as a preferred choice for students at global level, helping them pursue their passion and 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 stimulation. An education at ITM University Gwalior should help students becoming capable of judicious introspection and objective reflection. Our students are groomed to be capable of raising pertinent questions, challenging status-quo, be catalysts for change, serve as team players, have a quest for life-long learning, realizing their full potential and having an intent of serving society.

### **VALUES**

### We understand:

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

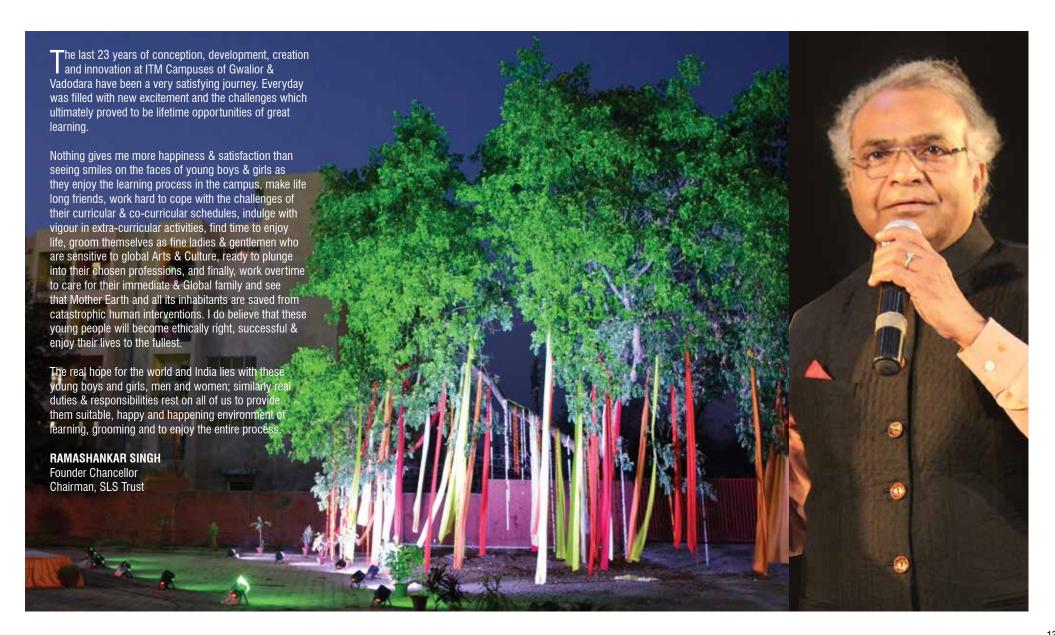
#### We value:

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

#### We promote:

Learning culture, research, ethical behavior, an Indian ethos and values, entrepreneurship, spirit of inquiry, a well-rounded personality, practical learning and meritocracy.

### MESSAGE FOUNDER CHANCELLOR



## **MESSAGE**

### **PRO-CHANCELLOR & TRUSTEE**

### MESSAGE MANAGING DIRECTOR





Ongratulations for being a part of ITM University Gwalior and I am happy to welcome you. I am sure you have gone through the website, social media pages and various other information available in public domains to understand its different dimensions.

I am happy to share that more than 20 thousand students have completed their higher education since inception of the group. Nothing gives more satisfaction than, to see the alumni being successful in their life.

Each student is unique and has enormous potential to be successful and do something big in life. The generalised education process at most of the institutions, sometimes compel students to think similar, to behave similar and to act similar and as a result, we end creating group of identical professionals or humans which suppresses the individual creativity and thinking process. We at ITM try to focus on developing the individual strength and uniqueness of our students. The pedagogy and assessments activities are developed in a way so that every student gets an opportunity to innovate, think differently and carve out a different approach and solutions. The university provides enormous opportunities to its students to be exposed on real life issues. Successful people from different walks of life regularly visit and interact with students to give them real life exposure. These ignited talks provide food for thought to students to do things in their own way.

I hope that you will be able to realise your true potential and will be able to nurture it to next level.

I wish you all the best and an enjoyable learning.

### **RUCHI SINGH CHAUHAN**

Pro-Chancellor & Trustee



nongratulations to be a part of a university which Us not only known for its academics but for its aesthetically designed campus and unique activities covering music, art, theatre, national, international conferences and interactions with important people from different walks of life. The environment and activities expose you to perspectives which help in holistic development. Similarly curricular activities are also planned differently, to invoke critical and logical thinking rather than rote learning. The unique experiences and exposure makes ITM students different from students of any other university. Our students are highly applauded wherever they work for their understanding of different fields along with academics, hence I sincerely suggest, all of you to participate in every curricular, Co-curricular and extracurricular activities. If you miss any of these activities, you will miss the joy of being at ITM.

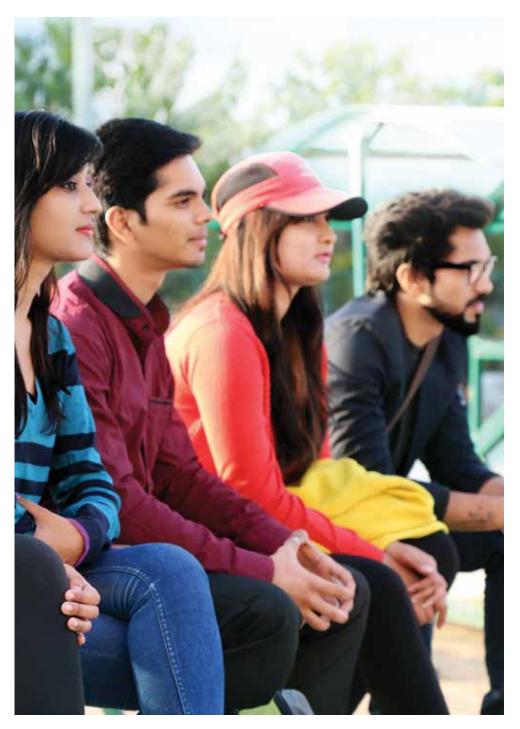
With more than 15000 alumni working with the world's best organizations and institutes, ITM provides you a global network to enhance the understanding of present happenings in respective fields. The business incubator of university, 'Idea-Pad' has become a favorite choice of students who want to become entrepreneurs. In the last six years more than twenty ideas were converted into successful companies. Many of these have their own offices in different cities.

We at ITM believe that every student is different and has their own strengths; the entire focus of the university is to nurture the strength and individuality of every student. I hope the plethora of activities (curricular and extracurricular) on campus will provide you an opportunity to find your interest and excel in the field where you want to celebrate your 'Dreams'.

I wish all of you a joyful learning experience.

### DR. DAULAT SINGH CHAUHAN

Managing Director



### MESSAGE VICE-CHANCELLOR



welcome you to the ITM University Gwalior-a unique institution of higher learning and academic excellence. In our endeavour to fulfill the dreams of our Chancellor and visionary Hon'ble Shri Ramashankar Singh, the University is dedicated to its ecological and societal responsibilities towards transforming every student into "Sensitive Humans" and igniting the "invisible sun" in their minds. The 'core values' of this University are 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 in them 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 in order to emerge as world class professionals in their own chosen fields.

The need for 'holistic education' has not diminished even a bit as equity, excellence and social relevance are the main planks for achieving success in the fast evolving global society. We emphasize on the purpose of education, the essence of education, and adopt an integrated approach to teaching-learning which conforms to our socio-cultural ethos.

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 is 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**



Smt. Anandiben Patel Her Excellency the Governor of Madhya Pradesh

Founder Chancellor & Chairman

Shri Ramashankar Singh

**Pro-Chancellor & Trustee** 

Smt. Ruchi Singh Chauhan

**Managing Director** 

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 (Humanities)

Dr. Ved Pratap Vaidik

Dean (Law)

Prof. Subhash Sharma

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. Girish Pandey

Dean (Architecture)

Ar. Rebecca Jadon

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



Former-Director General, DRDO and Member Niti Ayog

### Padma Shri Dr. Uma Tuli

Social Activist & Chairperson, Amar Jyoti Trust

### Padma Shri Col. Rajyavardhan Singh Rathore

Minister of State I&B, Govt. of India Silver Medalist, Double Trap Shooting, Olympics 2004

### 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

Former Director, IIM Indore

### 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

### Dr. G.S. Reddy

Principal, S.N.D.S., Indore



### Prof. P. B. Sharma

Former-Vice Chancellor, Delhi Technological University

#### Mr. Nitin Desai

Under Secretary General, Department of Economic and Social Affairs. United Nations

### Dr. Chandan Choudhary

Managing Director, Dassault Systemes India Pvt. Ltd.

### Prof. Shailendra Singh

Human Resource Management Group, Indian Institute of Management Lucknow

### 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. S. Pathak

Former Director, IGFRI, Jhansi, U.P.

### 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. (Col.) Archana

Principal, R.D. Memorial, Bhopal

### Dr. K. Lalitha

Principal, College of Nursing, NIMHANS, Bangalore

### **Shri Vinay Singhal**

Co-founder & CEO, WittyFeed - World's Second Largest Viral Content Company

### Ms. Kalapini Komkali

Classical Singer

### Dr. Prem Aggarwal

Professor, 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, Delhi

# **WHY ITM UNIVERSITY**

### **GWALIOR**

ITM University Gwalior is situated in a picturesque campus spread over 125 acres along the foot hills of Vindhyachal mountain range.





### **INVENT YOUR FUTURE**

At ITM University Gwalior, you get an opportunity to link your studies to your career plans and personal goals by using a combination of compulsory credits, optional credits, self-learning credits, MOOC, non-CGPA credits for curricular and extra-curricular activities. Here, you get enormous opportunities 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 and 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 center, consultancy skills & enterprise training to offer a perfect ecosystem to young innovators where you, along with your research and ideas, can converge in meaningful, life-changing ways with industry and the entrepreneurial community.

"What is now proved was once only imagined."

- William Blake









### IT'S AN EXPERIENCE

Thinking of assignments in an out of the box fashion, especially in an area of interest where vou have little or no experience helps develop a well rounded personality. The University offers you a several opportunities to make your university experience unforgettable and develop an interest in you for the arts- like painting, dancing, creating music, etc. The University promotes sports as a part of University level competitions organised by Association of Indian Universities (AIU) on all India basis. Coming to the University also ensures you to emerge as a complete persons and help you succeed in your studies and all your future endeavours. You can take advantage of opportunities to gain recognition for activities undertaken outside the curriculum. This will help you make the most of your time at the University, and gain valuable skills and experience that will enhance your employ-ability and help you realize vour potential.

### WHY THE UNIVERSITY MAKES US FEEL PROUD:

### WE ARE ONE OF THE MOST AWARDED UNIVERSITIES OF THE COUNTRY

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

### **OUR GRADUATES GET GOOD PLACEMENTS**

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. 62,226 employment opportunities have been provided to students till date by the group.

### WE OFFER COURSES CO-CREATED WITH INDUSTRIES

ITM University Gwalior has uniquely invented the process of creating and offering courses. Now industries are actively associated in creating courses and taking care of grooming students end-to-end, and connecting them with employment opportunities.

### **RECOGNIZED AND ACCREDITED DEGREES**

University has approvals of UGC, AICTE, CoA, BCI, NCTE, PCI, INC etc. The University is accredited by NAAC in 2018. The University is also IOA (USA) accredited.

### WE'RE DIGITAL, YET PERSONAL

All our courses are delivered via our 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 24/7.

### WE AIM AT WORLD-CLASS RESEARCH

Research publications at the University have surged to about 1000 by the year 2018. Research papers written by our faculties are among the most downloaded papers in their fields.

# WE ARE AMONG FEW IN THE COUNTRY TO IMPLEMENT ABCA (ACTIVITY BASED CONTINUOUS ASSESSMENT) PEDAGOGY

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 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

Shalabhanjika is a priceless stone statue of a lady. It is a World fame stone sculpture from ancient India also known as Monalisa in stone. This art work was recovered from Gyaraspur near Sanchi and Vidisha in Madhya Pradesh, India now kept in the museum of Gwalior Fort under high security, special permission is required from the Archaeological Survey of India to visit this particular chamber.





"In ITM University Gwalior, I gained lots of experience and I got an opportunity to learn so much from being here. ITM University provides vast opportunities to learn to be creative and to have an innovative mind. Apart from that the extracurricular activities are really conducted in a very serious manner and instead of being in class all the time you get opportunities also to participate in various sports like basketball, football, cricket, volleyball and many more. Coming to ITMU is one the best choices I have ever made because I have really benefited through this and I got the opportunity to learn & to be a better person."

Choolwe Malila, B.Sc. (Biotech), Zambia



"Knowledge speaks, but wisdom listens"

- Jimi Hendrix

# **INNOVATIVE**

### **TEACHING-LEARNING PROCESS**

The teaching-learning process has evolved at par with global best practices, research in higher education and reflections of stake holders.





"It is not that I'm so smart. But I stay with the questions much longer."
- Albert Einstein

### ACTIVITY BASED CONTINUOUS ASSESSMENT (ABCA) SYSTEM

ITM University is one of the institutions implementing activity based continuous assessment (ABCA) system. It helps the students to exhibit their talent through different activities, assist the students individually during the course of learning through improved student teacher interactions leading the students toward better understanding of the concept.

Activities have been carefully linked to the course structure and grading practices in order to make learning process more effective and consistent. The faculty member provides systematic and continual feedback to the students about their own progress. The changes addressed for implementing ABCA system are, what students really want to know and learn and what students are actually learning.

The University's pedagogy has been made more effective using a blend of activities such as.

- Review paper/articles
- Poster Presentation
- Case Writing
- Open Book Test/Quiz
- Framing of Relevant Questions etc.

### PROJECT BASED LEARNING (PBL)

Project Based Learning is a student-centered pedagogy in which students explore real world problems and challenges simultaneously developing the skills on latest technologies while working in a small group. Laboratory - based experiments provide them practical insight into the subject studied.

The University has improvised peer – group learning pedagogy which is an innovative methodology catering to learners of different requirements. The significance of combined learning is acknowledged and stressed upon through various project works etc.

### **TEACHING-LEARNING PROCESS**

The learning process is meticulously designed to be students centric through the following measures:

 In the University, the faculty members focus on being a facilitator. The faculty members focus more on engaging the students with their active participation resulting in their satisfactory performance rather than merely grasping and reducing the spoken word to writing their own.

- The faculty members share the topic for discussion before hand with the students so that they may come prepared and the session be utilized for interaction analysis, practice and problem-solving connected to real-life situations. In this way, the results achieved transcend beyond the traditional classroom teaching.
- Projects on the latest technologies and laboratory based experiments provide practical insight into the subject.
- Students are prepared and trained in such a way that they are open to learn throughout their life.
- Students get all ICT support in their classrooms and are encouraged to perform as digital learners. The modules are aligned with the curriculum in an interactive and engaging way.
- Students are compulsorily made to undergo industrial training as an integral part of their curriculum in many departments.
- Students are encouraged to do certificate courses and internship programs during summer breaks.

### The list of participatory activities adopted by the faculty members is-

- Use of ICT in lectures and in project based learning.
- Live field projects
- Workshops
- Simulations
- · Case studies
- Seminars
- Industry Interface
- Guest lectures
- Soft skill and personally development classes
- Boot Camps
- Career Guidance and Workshops
- Industrial visits
- Group discussion and seminars
- Survey-based field work and projects
- · Experience-sharing Sessions with entrepreneurs
- Quiz

### **INNOVATIVE TEACHING-LEARNING PROCESS**

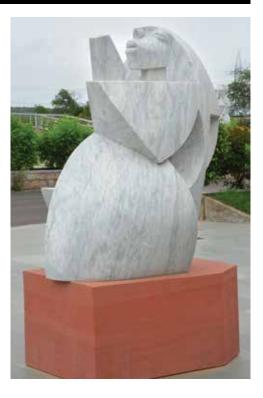
Quality management system has been put in place for academic audit of various University departments.

### WHOLESOME PERSONALITY DEVELOPMENT AND 360° VIEW OF SUBJECT

ITM University has meticulously evolved cocurricular 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, Euphoria, Bandish, Aryans and many more.

### STUDENT AUGMENTATION

ITM University has active MOUs for providing certificate augmentation programmes on campus as per the requirement of industry. ITMU has MOUs 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**

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 a national and international level.





In a knowledge-based economy, all industries and businesses are heavily dependent on humans resources. Businesses have increasingly started relying 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. The University has entered into partnerships with several organisations to offer unique, relevant, challenging and appropriate programmes resulting in wider exposure to real world practices making its students employment-ready.

"The measure of intelligence is the ability to change."

- Albert Einstein

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

# cisco.

- · Students gain access to Multi-media web-based delivery
- Hands-on training
- Industrial attachments
- Globally accepted industry standard certification

Co-branded courses have been developed in active partnership with industry

MBA in Supply Chain and Logistics in association with Safexpress



**Distribution Redefined** 



**EUSAI** 











- Online moderated teacher and student training courses
- Gain access to high-quality books, workshops and events designed to meet students needs
- Corporate training
- · English language teacher educator
- · Offer UK qualifications in India
- · Enable Opportunity to study in UK

















### WORKFORCE DEVELOPMENT PROGRAM

- · Curriculum developed by and for Oracle University
- 25% discount for WDP instructors
- · Free software and support for WDP
- 40% discount on Oracle certification exams
- 50% discount on Self Test Software























# **RESEARCH AND**

### **DEVELOPMENT**

ITM University Gwalior is among the top in research-intensive universities. Our breadth of research activity is demonstrated by the fact that we are offering doctoral programmes in Life Sciences, Physical Sciences, Engineering, Management and Computer Applications.





"Live as if you were to die tomorrow. Learn as if you were to live forever."

- Mahatma Gandhi

### RESEARCH LABS ESTABLISHED

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

- IFFF
- 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
- 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
- Indian Council of Social Science Research (ICSSR), New Delhi, 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
- Lambert Publishing House, Germany



RESEARCH AND DEVELOPMENT

### **MAJOR ACHIEVEMENTS OF FACULTIES**



















# **FACILITIES AND**

### **RESOURCES**

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





"The true sign of intelligence is not knowledge but imagination."
- Albert Einstein

### **COMPUTING & IT**

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

### **LIBRARY**

The library at ITM University is fully computerized with the help of e-granthayala library management software. Integrated Knowledge Resource Centers that are stocked with over 1,00,000 books; periodicals, references, national and international journals, covering all aspects of academic studies and research materials. In addition, the library has a steady flow of newspapers, magazines and journals on subjects related to Management, Architecture, Pharmacy, Life Science, Agriculture, Nursing, Education, Law, Art & Design Physical Education, Engineering, Science and Technology. Moreover, a good collection of video lectures is also available. ITM University Central Library is also a member of NDL (National Digital Library) and DELNET (Developing Library Network). Students are members of ITM Intranet Zone which allows them easy access to journals, e-Books, class notes and subject study materials. It also provides Inter Library Loan (ILL) services, & Online e-journals and e-Books Facilities to the students.

The Central Library has added very significantly to its library and information resources by subscribing to EBSCO Business Source Elite providing 24 hours round the year access to 7000+ Business publications, Full-Text Journals & Magazines 1543, full-Text Peer-Reviewed Journals 1294,300 full-text journals indexed in Web of Science or Scopus,1131 peer reviewed journals abstract, 288 trade journals and several business magazines, 144 monographs, 1491 country economic reports, 3158 industry reports and year books, 528 market research reports etc.

### **CONVENTION CENTRE**

Convention Centre facility of the University includes an amphitheatre 'NAAD' (with over 3000 seating capacity) and 5 seminar halls. The largest amphitheatre of India at ITMU Campus is constantly holds witness to ever bubbling energies of youth.













# **STUDENT LIFE**

There are abundant opportunities to participate in clubs as well as activities that match students' particular interest and inclination. These clubs serve students looking for a diversion from academic life, or looking to bring about a significantly enabling 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 and enhancing 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 their passion. There's something or other for everyone.





"The value of life is not based on how long we live, but how much we contribute to others in our society."

### PERFORMING ART CLUB

### (Art, Music, Dance, Theater, Cultural)

Performing Art Club's goal is to increase awareness of performing arts in university as well as to bring forth and discover the talent among students and encourage them to refine their talents in music, art, dance, theater and cultural using this platform. Performing Art Club members minutely watch & learn the process of art creation at different symposia of sculptors held at ITMU and occasionally meet artists & painters to discuss the finer beauty of art. In this process a subtle sensitivity about appreciation of Art develops amongst the students leading to blooming of artistic discernment and sensibility.

In music the members not only listen to the classical concerts & rock-shows but create their own bands and perform their own talent on various occasions. The club members learn various forms of Indian and Western dances & practice to fine tune and perform. In theater members is well received not only by budding theater artists but also by the audiences and spectators from the city. Activities like workshops, interactive sessions etc. are organized to promote theater. The club members learn various forms of Indian and Western dances and practice to fine tune and perform. E-mail:artclub@itmuniversity.ac.in

### **LITERARY CLUB**

This club 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 selected reading through creative writing, debating and quizzing. The wall magazine is a reflection of the literary skills of the students. The editorial board of the University conducts regular competitions to encourage and enhance these talents.

E-mail: literaryclub@itmuniversity.ac.in

### **ECO CLUB**

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

help of the eco club.
E-mail: ecoclub@itmuniversity.ac.in

### SPORTS, YOGA AND MEDITATION CLUB

The Sports Club organises various sports events for both students and faculty members regularly. It also conducts Yoga sessions. An interesting space called "Zero Gravity" has been constructed within ITMU Campus for meditation & Yoga where any one willing to join the regular club can come and try to attain serenity of the mind & fitness of the body. Occasional activities to de-stress the students through Yoga & breathing exercises are also organized. E-mail: yogaclub@itmuniversity.ac.in

### **SCIENCE CLUB**

ITM University has established a Science Club to organize various activities throughout the year. The objective of this is to stimulate interest in science activities among the students. The club provides opportunities to students to showcase their innovative ideas and creativity.

E-mail: scienceclub@itmuniversity.ac.in

#### **FILM CLUB**

Film club not only shows good world cinema by organising 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

### 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 workshops, interactive sessions etc. are organized to promote theater. E-mail: theaterclub@itmuniversity.ac.in

### **DANCE CLUB**

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

### PROJECT CLUB

Students make projects of their choice and integrate with other members of the club to make functional and indigenous models/ instruments.

E-mail: projectclub@itmuniversity.ac.in











# **STUDENT LIFE**

### **DEBATING CLUB**

Articulation and elocution is promoted through this club.Students choose the topics and debate in front of cheering audiences of the students which in turns boosts their confidence and develops their debating skills.

E-mail: debatingclub@itmuniversity.ac.in

### LIBRARY CLUB

The club formed by students for optimum use of library. Our students' library club(SLC), started in 2017, is a university level club consisting of those enthusiastic students who work hard to connect all interested students to avail the benefits of library. SLC on behalf of the library conducts many events such as book review contest, Unifest, Festoon A Splash of Creativity and many others which immensely help in grooming a student's personality on the whole by developing their reading, writing and interpersonal skills. So in simple words, SLC makes the students awares about the benefits of a library and encourages them to establish a deeply-rooted connection with it too.

E-mail:libraryclub@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 have been operational at the University since July 2014:

- 08 MP BN NCC Boys
- 03 MP BN NCC Girls (Army wing)

### **SEG STUDENT CHAPTER**

The ITM University Gwalior has established a student chapter under the prestigious world forum "The Society of Exploration Geophysicists (SEG)" in Feb, 2017. This chapter will help preparing our students as successful professional and provide essential tools and resources for educational enhancement, travel, networking and leadership training.

"Success is not final, failure is not fatal: it is the courage to continue that counts."

- Winston Churchill













### **SPIC MACAY**

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 a movement with chapters in 200 towns and cities and ITM University Gwalior is one of them. Spic Macay organises concerts lectures and demonstrations, informal discussion and seminars for the promotion of Indian culture and arts. ITM University Gwalior is one of the prolific centres to witness such events.

## **IDEAPAD**

### A BUSINESS INCUBATOR

IDEAPAD is the Business incubator in ITM University. It is envisioned that if various schools of university and students concentrate on solving issues related to the region and their communities, the success of these experiments can be scaled commercially into viable enterprises. They create jobs, grow companies and help to evolve technologies. IDEAPAD incubator is being evolved around resources available in the university and will ensure its optimum utilization for developing entrepreneurship.



### **FEW SUCCESS STORIES**





Arshad, Co-founder, Arrival Shop





Gauhar Haque Co-founder, Zara Inforise





Fazil Khan, Co-founder, Aasia Foundation





**Prabhav Dubey,**Co-founder, Doorstepshoppee Services Pvt. Ltd.





Rahul Thakur, Co-founder, Thakoora





Kartikay Garg, Co-founder, Kisan Mitra





Vaibhav Dixit, Co-founder, FIZ Robotic Solutions





Nisha Niranjan & Vikash Pataiya, Co-founder, VN Organics

# ideapad

### **OBJECTIVES**

- Facilitate ideas ("ideation")
- Accelerate implementation speed of Ideas
- Provide supplemental management for proposed enterprises
- Offer more "hand holding" than a typical venture capitalist in the process
- Give access to expertise in marketing, operations, human resources, technical, management, strategy, business development, financial, and others
- Facilitate business development and partnerships
- Help in finding clients for enterprises
- Facilitate sources of funding, now and at later stages
- Set up a portfolio of seed-stage ventures
- Provide additional deal-flow and vetting of deals for later-stage investors
- Capture potentially successful deals missed by venture capitalists.

### IDEAPAD IS BY DEFINITION A "MIXED" INCUBATOR WHICH:

- Supports development of companies linked to sectors of the economy that possess broadly disseminated technologies, such as textiles, footwear and Art curation
- Incubates companies with products, processes and/or services that are the result of scientific research and represent a high combined value.
   For example biotechnology, informatics, and electronics companies, among others
- Supports cultural activities such as music, sculpture, photography, and cinema
- Supports undertakings that originate in social projects connected to traditional sectors that have knowledge in the public domain and that meets demand for employment and income and hence improves the quality of life.

## **TECH FEST**

### AT ITM UNIVERSITY GWALIOR



### UNIFEST

Unifest, the annual techno-cultural festival organized by ITM University, is the biggest youth festival of central India. The motive of Unifest is to bring out the competitive domain of students from within themselves and participate in different technical and cultural events. The vision of Unifest is to celebrate technology and provide a platform to the students to experience the same and facilitate the interaction on scientific and technical aspects to ignite the passion towards effective use of science. It provides an environment for the students to implement their ideas and apply them on practical basis.

The charm of Unifest is such that not only the students from within the campus or state but also from other colleges across India come to participate. The events are designed to appeal to each and every group of students. There are many technical events like Have a Byte and Hack a Bit, Bricks Building Completion etc. The fest is initiated with various seminar and workshops on current field trends by eminent Industry Professionals i.e. IOT Based automation, Ice manufacturing, Pansophy, Fashion Vitrine, Virtual Training, its threats and benefits etc. This tends to provide students with an informative edge along with all other fun.

The uniqueness of Unifest is to contribute in community services i.e. they organized blood donation camp in university campus and also provide educational and stationary items as charity in orphanage. The event marks it's ending with a night show, which usually is a concert by a famous singer or music band.















### 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 composed many complex and beautiful 'Ragas'. The city of Gwalior is designated as one of the Smart Cities of India.





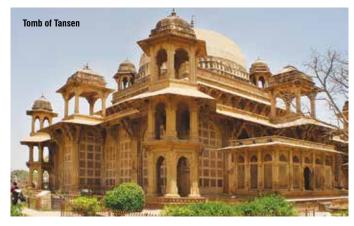
"Never let your sense of morals get in the way of doing what's right.

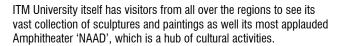
- Isaac Asimov

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

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 'megh malhar' annually, which has gained popularity in the entire country. Gwalior has beautiful large fort palace built during Tomar dynasty as they were the connoisseurs of Art & Music. Exquisite stone works can still be found here inspite of immoral plundering by vested interests. Agra, the city of Tai-masterpiece 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 now an 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, Goa, Puri, Kolkata and Hyderabad by trains, roads and by air from New Delhi, Indore, Mumbai, Bengaluru, Hyderabad, Kolkata and Jammu.

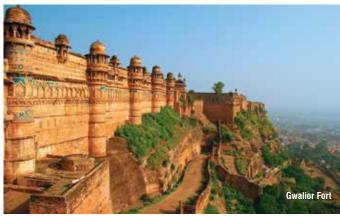


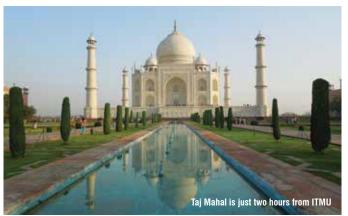


The industrial history of the Gwalior dates back to later part of 19th Century when Birlas established their textile business. The well known Grasim & Gwalior suitings brands were born in this city. Gwalior has kept pace with time making it emerge as a vibrant city of Madhya Pradesh. The city has attracted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









## **SPORTS**

Sports & fitness serve 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 lifestyle, which can enhance their academics 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.





"Only those who attempt the absurd can achieve the impossible."

- Albert Einstein

### SPORTS FACILITIES Outdoor Games

- Cricket with 2 astro turf and 3 International level turf
- 01 Lushgreen Football field with natural turf
- 400mtr.,8 lane athletics track
- Basketball complex with 2 courts
- Tennis complex with 2 Tennis courts
- 2 standard Volleyball courts
- Standard Handball court
- Standard Kho-Kho field
- 2 standard Kabaddi courts
- · Grass turf Hockey ground

#### **INDOOR GAMES**

#### Gymnasium

Badminton Court, Multi Gym, Yoga Hall, Table Tennis Hall etc.

#### Swimming

Swimming Pool (will be ready by December 2019) 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. Our students participated in 20 All India and West Zone Inter University Sports Competitions. The University has organized West Zone Inter-University Tennis and Football Women Tournament and All India Inter-University Floorball and Roll-ball (men and women) Competitions.

#### **ACHIEVEMENTS IN SPORTS**

Players of ITM University Gwalior have achieved many national and international landmarks in

various sports and games. Ishika Choudhary ITM University student has represented India in the youth Olympics held at Argentina and team won a silver medal. Our university women's hockey team, floorball (men and women) teams have won the gold medals in the AIU competitions and silver medals in roll ball (men and women) events. Two of our students Abhishek Bhandari and Ravi Sikarwar were selected to represent West Zone University in the VIZZY trophy cricket tournament organized by BCCI. Our student Simran Narang won the bronze medal in the AIU fencing competition and has been selected to represent Indian University team in the World University Games in Italy. Rani Rana another student won the Bronze medal in the AIU wrestling competition 2018-19. The University floorball team men has won the senior national and federation cup in 2018-19. ITM University Gwalior has successfully hosted national level Vizzy Trophy Cricket Tournament in March 2019 under the aegis of Board of Control for Cricket in India (BCCI).











## **VIZZY TROPHY**

### THE PATHWAY TO SUCCESS IN NATIONAL CRICKET!





"The way a team plays as a whole determines its success. You may have the greatest bunch of individual stars in the world, but if they don't play together, the club won't be worth a dime."

- Babe Ruth

### Vizzy Trophy 2018-19 organized at BCCI approved Cricket Ground in ITM University, Gwalior.

University level Sports Tournaments have always been important in a successful players career. The Vizzy Trophy is one such tournament which has produced several famous international players in Cricketing History. A competition of high standards, the Vizzy Trophy was named after Sir Vijayananda Gajapathi Raju or commonly known as the 'Maharaj Kumar of VIZIANAGARAM'. He was a great Indian player who lived from 1905-1965. He took over the office as BCCI President in 1954 and accomplished many over-ambitious feats for Cricket in Indian sub-continent.

Thinking in terms of exposure, the Vizzy Trophy Tournament is an Inter-Zonal-University level event which allows teams from all the 4 zones of India to compete. But top selectors from BCCI have regarded Vizzy as an important milestone. They judge the players and depending upon their talent and caliber give them opportunities in State, National or the International Team of India. Famous players like Sunil Gavaskar, Ajit Wadekar, Sanjay Manjrekar and Bishen Singh Bedi have all were picked up from this prestigious tournament.

This year the seven-match Vizzy Trophy
Tournaments featuring top players from north,
south, east and west zones was held in ITM
University, the only University in M.P. to host this
event. The Last match was telecast live on "Hotstar
and Star Network". In West Zone Team two players
Ravi Sikarwar and Abhishek Bhandari of the School
of Sports Education at ITM University Gwalior have
represented. After the competition concluded, all the
players and officials from BCCI were ecstatic with
the hosting done by ITM University Gwalior.













## **INTERACTION WITH**

### **INTERNATIONAL PLAYERS**

ITM University Gwalior was 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 a 'Meet and Greet' session.





"You are never really playing an opponent. You are playing yourself, your own highest standards, and when you reach your limits, that is real joy."

- Arthur Ashe

Players and students were at ease and exchanged valuable tips on sports, the spirit of competition and life. Written messages on bats and balls were given to the students by the players. The programme was conducted by well-known 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 AND HAPPENING**

### **CAMPUS**

Along with the regular 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 amphitheater where mostly the programmes are organised witnesses energetic youth enjoying every moment.





"Anyone who stops learning is old, whether at twenty or eighty." - Henry Ford Each day becomes unique. Something or other keeps happening on the campus, be it a performance by a group of international artists, artists of renown sculpting and giving shape to 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 much 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 topnotch classical dancers, vocalists & instrumentalists to perform and give lecture demonstration.

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

You will see happy and cheerful youths around the campus, enjoying their learning process.







ITM has a very unique & distinctive character of its campus life which is perceived by all as an epicenter of creative expressions in special areas of paintings, sculptures, various classical & folk dance forms, Indian classical & popular music, Western Classical & Rock music, world cinema, photography & theater. Students are familiarised with the best of Indian and International artists, observe their processes of











creation, interact and not only admire the final outcome but take special care for its upkeep & maintenance.

In last few years, hundreds of painters and sculptors have visited ITM University campus and participated in various creative camps, symposia and workshops. This is how ITM campus has become the largest collector of art in India among all universities and Institutes. Every year international symposia/camps of eminent sculptors are held at the campus and monumental sculptures in out of using different material are created.

Wherever you look in the open, under the trees, in atriums, walk ways, in water bodies, you will see wonderful works of 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 also give expression to their musical and dancing abilities and interact with artists of different disciplines which adds one more striking dimension to the concept of Art Meet.

'Ibaarat' is also one of the prestigious programmes organized by ITMU where Urdu poets from all parts of the world come and enthrall the jampacked auditorium on 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 leaves an indelible imprint on the mind of all visitors. But to me more impressive is the fact that while this institution endeavors to impart world class education, it has also exerts equal amount of effort, meticulous attention and care to preserve, propagate and advance the traditions of Gwalior's rich musical heritage to the posterity.

I happened to attend three of the musical feasts organized by the institution every year and in the briefest I can say the whole experience was 'a sheer bliss'. The NAAD amphitheater, surrounded by small hillocks, designed and set among the natural surroundings and fitted with high quality light and sound equipments, perhaps is the right place for any competent musician to perform and exhibit one's talent.

I could get the heavenly experience of Indian Classical Music by attending these musical feasts from 2007 to 2010. What it did not contain! To name few renowned singers who performed in ITM University were Ustad Rahim Fahimuddin Khan Dagar, Pandit Ajay Pohankar, Pandit Chhannu Lal Mishra, Girija Devi, Ustaad Rashid Khan, Pt. Rajan & Sajan Mishra. 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, serene greenery around and the illuminated dais sends you back 100 years or more on the time machine. It feels as if you were back to the ancient times when music and life were synonymous.

This enabled me to get a glimpse into the wisdom, foresight and concern of the people behind this institution. To make a complete human being, it is not sufficient to train the students in science, engineering, management and the like, but an essential input of art, culture, heritage is an indispensable element for their wholesome development. I wish other educational institutions could tread on the same path..."

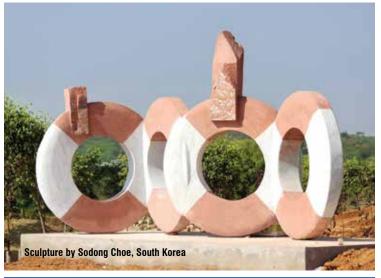
(written by Dr. Arvind Dubey - A music lover of Gwalior)



### **ART**

### AT ITM UNIVERSITY GWALIOR

For more than ten years, ITM University has been regularly organising painter's camps, month long international sculptor's symposia and classical concerts, music fests, dance and poetry events, literary meets, and the list remains never ending. This has created a huge aesthetic and literary assets, which are 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 ever evolving heritage of the University. Barring a few, all modern and contemporary Indian artists have contributed to our endeavours through their creative expressions. The campus caters 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 among the students, who have not only learnt to admire these invaluable artefacts, make 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 pieces of art are permanently exhibited here.

## **FLAG**

### **OF ITM UNIVERSITY GWALIOR**

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 and shows no bias towards or against any particular faith or belief.





Since the establishment of ITM in 1997, we have imbibed 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 the 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 enthusiasm and great fervour.

## **ACCOMMODATION**

**HOSTEL:** One of the key contributors to an intensive & effective learning experience is living on the 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 belongingness. Semi-mechanised and hygienic mess & dining facilities accommodating 800 people at a time has also been created. A separate girls' hostel having the capacity of 200 beds is also located within the campus. Transport facility is also provided to hostlers for outings to the city. It is slated that the entire University be converted into a fully residential campus for students and staff in the next 3 years.





"Education is a progressive discovery of our own ignorance."

- Will Durant

#### **GYM & HEALTH CLUB**

'Only healthy body can support healthy mind' is a well tested proverb for all times. To put this idea 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 visitors.

#### RESIDENTIAL ACCOMMODATION FOR FACULTY

A well designed residential complex has been constructed for the faculty members having independent apartments furnished with modern amenities.

#### **GUEST HOUSE**

A well furnished Guest House is maintained to accommodate guest faculty and prominent personalities visiting the University. It provides a homely ambience and environment to the visitors.

#### SPORTS COMPLEX

The university's new sports complex offers a wide range of facilities and activities for students, teachers and staff 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 as well as curative health care services with a view to ensuring positive health of 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**

The University provides facilities for relaxation, exchange of views, and free discussions among students and faculty alike by establishing coffee points. These points are also instrumental in arousing the thinking process 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

outlets are likely to be installed shortly.

#### SECURITY

The University 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.

#### INSURANCE

The ITM University provides for all the students an insurance under road traffic accident policy and is also covered by group insurance scheme. Students are advised to wear helmets when they visit university on a two-wheeler and do not drive on wrong side of the road.

## **SUPPORT**

### ALL THE PROCESSES AT UNIVERSITY ARE STUDENT CENTRIC

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





"It is the mark of an educated mind to be able to entertain a thought without accepting it."

- Aristotle

#### **DEAN STUDENTS' WELFARE**

Your day-to-day problems, if any, can be shared with Dean Student Welfare (DSW) in order to secure an appropriate and speedy resolution. DSW is a senior faculty member who understands students' problems and takes immediate steps for their redressal. 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

A mentor is a faculty member who is duly appointed to monitor your academic & personal welfare and help in your studies. With mentors you can share all your problems that are somehow affecting your academic pursuit. You can also share with them your personal problems in case you need any help. They keep track of your attendance and will remain in touch with your parents/guardians as well.

#### STUDENT COUNCIL

The students who are excelling in their studies are members of this council as representatives of their classes. This council elects its executive body and mentored by the Dean Student Welfare (DSW). Periodic meetings of this council are organised with the university management and the Vice Chancellor to share voices of students on academic and administrative issues for their solutions. Email: dsw@itmuniversity.ac.in

#### **FEEDBACK MECHANISM**

Students also get 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). Students' Participation in the entire teaching-learning process makes the academic processes more student oriented. Webpage: http://mis.itmuniversity.ac.in

#### STUDENTS' INFORMATION SYSTEM (SIS)

All students after joining the university get access to Students' Information System (SIS) which offers them every detail that is required to ensure their regular participation in academic activities.

This includes Academic Calendar, Registration, Examination Form Filling, Notice Board, Attendance Details, Fee Notices, Fee Dues, Grievances / Suggestions, Results and others.

#### E-STUDENTS GRIEVANCE/SUGGESTION

Students can also register their grievances/ suggestions online which is personally attended and monitored by the Vice Chancellor. This provision ensures that students' issues and grievances are redressed at the earliest. This window can also be used by the students to offer their valuable suggestions to make academic processes more effective and fruitful.

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

#### COUNSELLING

The University's Counselling Cell offers a free and confidential service to all students of the University. Professional counsellors and mental health advisers are available to counsel students about any personal or emotional concerns that they might have during their academic pursuit at the University. E-mail: personalcounseling@itmuniversity.ac.in

#### ANTI-RAGGING COMMITTEE

ITM University ensures maintaining a 100% ragging-free campus. Students, in case of any such instance of ragging, are advised to immediately lodge their complaints with the Coordinator, 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 grave act of indiscipline. Email: antiraggingcell@itmuniversity.ac.in

#### PROCTORIAL BOARD

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

Email: chiefproctor@itmuniversity.ac.in

#### **COMPLETE THE PROGRAMME AT A SLOW PACE**

At ITM University we are committed to serve all

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

the sections of student community. We believe that it is one of our core objectives to make less academically exposed students competent enough 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 in the understanding of basics as well as advanced subjects to complete their degrees.

#### HEALTH

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

#### **ACADEMIC CALENDAR**

All academic processes at the university are fairly well announced. They are listed and circulated at the commencement of an academic session. It is also available to the students via SIS. This helps students to plan their studies all the year around and utilize their vacations effectively.

#### ORIENTATION PROGRAMME

For freshers, at the beginning of the academic session, an orientation programme is organized that helps students orient towards academic and administrative processes of the University. This orientation helps students adapt themselves at the earliest so that they start their academic journey smoothly and use their time more productively. Parents and guardians may also join this programme and actively participate in the grooming of their wards.

#### **DIFFERENTLY ABLED STUDENTS**

The University campus is 100% barrier free. You can locate ramps, state of the art lifts, advanced purified drinking water kiosks and others all through the campus. The university works actively with Amar Jyoti Charitable Trust, a premier Voluntary Agency dedicated to the cause of differently abled people, to create infrastructure suitable









for their movements. If they require any 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**

2018-19

Each year, the university organizes a number of conferences, seminars, faculty development programmes, management development programmes, symposia, panels, forums and workshops. These events help in engaging the students in continuous dialogue with academicians, industry leaders, policy makers, activities, and all those means 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, identify key issues and promote 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.

































## **COMMUNITY**

### **ENGAGEMENT**

We believe that community services not just help others but also to volunteers by gaining exposure to experiences and learning skills that make them stand out from the crowd while applying for jobs or appearing in interviews. The huge number of different projects related to community services provide an opportunity to get involved and make meaningful contributions to people in the local community either by the agency of the university or through student-organised projects.





"You can motivate by fear, and you can motivate by reward. But both those methods are only temporary. The only lasting thing is self motivation."

- Homer Rice

Such initiatives enable you to gain a greater understanding of what it means to be a responsible global citizen, through programmes providing hands-on experience and community activities. In this process you will discover the challenges faced by the society in the 21st century, and approaches needed to address and resolve them. Here you can also undertake voluntary work, give back to society and develop the skills and experiences that employers seek.

















# **SOCIAL** RESPONSIBILITY

The third dimension of higher educational institutions is to served the society for socio-economical development of the people. Realizing the importance of such duties our social responsibility endeavour helps us in making a tangible difference to the social and economic well-being of our community through our teaching, research, extension programmes, events and activities. ITM University Gwalior believes in giving back to our community and being involved in its development.





"Most people give up just when they're about to achieve success. They quit on the one yard line. They give up at the last minute of the game one foot from a winning touchdown."

- Ross Perot

#### **ENVIRONMENTAL CONCERN**

ITM University Gwalior is raising social awareness and promoting an environment friendly and sustainable way of living. We also conduct national and international conferences, workshops and others activities on environmental protection. We strongly focus our attention towards protecting our natural environment.

#### RESPONSIBLE RESEARCH

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

#### STUDENTS PARTICIPATION 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 as well.

#### ALL ACCOMMODATIVE INFRASTRUCTURE

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

#### **ENVIRONMENT-FRIENDLY PRACTICES**

The university has assimilated and 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 on the environment.

#### **VOLUNTARY ACTIVITIES**

Students and faculty members have an option to be part of many voluntary activities that aim at creating a difference in the social and economic well-being of people at large. The university regularly organizes programmes that offer an opportunity to all stake holders 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 regarding the pressing issues like girl foeticide, gender equivalence, village empowerment, rural development, sexual harassment of women, national programmes and missions, etc.













## **MEETING**

### **OF MINDS**

Meeting of Minds program is one of the flagship academic initiatives geared to nurturing critical thinking amongst young minds and across faculties. It offers a common academic platform for minds to meet and to get exposed to new ideas and alternating perspectives. The aim is to transgress the usual hierarchies and disciplinary confines thereby engaging faculty members, students and all those in authority to contemplate and share their opinions on diverse issues uninhibited.









Till the academic year 2018-19, we have organized about 30 sessions of Meeting of Minds which include topics viz. the Concept of Time, Energy, Colors, Melody and Mind, Intelligence, Shabd (Word), Making of God, Water, India through the Eyes of Painters, the Nature of Nature, Idea of India, Power of Positive Thinking, Why Spirit Matters?, Matter and Consciousness, Rural Manifesto and Unlocking the Secrets to Successful Human Relationships just to name a few.







"The one real object of education is to have a man in the condition of continually asking questions."

- Bishop Mandell Creighton

## MY INDIA, MY VISION

### A LECTURE SERIES

A lecture series entitled 'My India, My Vision' has been organized under the auspices of the University, in which important public personalities such as Shri Nitish Kumar (Hon'ble Chief Minister of Bihar), Shri Jyotiraditya Madhavrao Scindia (Member of Parliament) and Shri Prabhat Jha (Journalist, Writer, Columnist, Social Worker and National Vice President of Bhartiya Janata Party) and many others have discussed their wide and progressive vision for the nation in the 21st century. They also imparted a pragmatic approach to the students to become considerate about their goals and actions. The speakers discussed various aspects of politics, government and miscellaneous topics.









Programmes like 'My India, My Vision' open up whole new vistas of knowledge and offer rich experience of the elite to the students, that can guide the young generation towards making a utopian and an egalitarian society. The catchword that echoed in the lecture series was-No blesses oblige, the principle which a politician or any responsible citizen of the country should realize.

## **DISTINGUISHED**

### **GUEST SPEAKERS**

The ITM University Gwalior helps broaden students' horizons and educate them on issues that deeply impact their lives through inviting noted speakers and panelists by way of organizing forums, workshops and debates that cover current scientific, technical, social, political, cultural and ethical topics. Every year a number of distinguished speakers such as Nobel Laureates, high-profile corporates, policy makers, academic and industry leaders representing a variety of world views and backgrounds are invited to come to the university to share their ingenious ideas with students. The students' community avails an opportunity to hear, learn, engage and network with speakers of the highest caliber.



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



Mr. Vijay Goel Minister of state (IC), Youth Affairs and Sports, Govt. of India



**Mr. Anil Madhav Dave** Member of Parliament



Mr. Janardan Dwivedi Member of Parliament, Rajya Sabha



**Mr. Prabhat Jha, MP** National Vice President - BJP



**Dr. Harivansh** Dy. Speaker, Rajya Sabha



Mr. D.P. Tripathi Member of Parliament, Rajya Sabha



H.E. Eng. Aisha Mohammed (Mrs.) Minister of Construction, Federal Democratic Republic of Ethiopia



Mr. Shekhar Dutt Former Governor of Chhatisgarh



Ms. B.K. Shivani Indian spiritual teacher and inspirational speaker



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



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



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



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



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



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



Mr. Ashok Vajpeyi Eminent Poet & Art Critic



Padma Bhushan Mr. Rajat Sharma Media Entrepreneur, Chairman, India TV and Senior Journalist



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



Mr. Dipak Gyawali Former Minister, Water Resources, Nepal



Mr. Anurag Singh Thakur Member of Parliament Former President, Board of Control for Cricket in India



**Mr. Sumit Awasthi** Deputy Managing Editor News 18 India



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



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



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



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



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



Col. Rajyavardhan Singh Rathore, M.P. Minister of State, Information and Broadcasting, Govt. of India



Mr. Govinda Actor, Bollywood



Mr. P. Narhari, IAS Collector, Gwalior



Pandit Jasraj Indian Classical Vocalist



Prof. Naresh Kumar Malhotra Georgia Institute of Technology, USA



Mr. Piyush Mishra
Actor, Music Director,
Lyricist, Singer, Scriptwriter,
Theatre Director



**Prof. Samdhong Rinpoche**Former PM of Tibet



**Brig. Vinod Dutta** Brigadier, Indian Army



Ms. Shagun Chowdhary Indian shooter, Asian Games Medalist



Ms. Jwala Gutta Indian Badminton Player



Mr. Gopaldas Neeraj Eminent Poet



Mr. Munawwar Rana Eminent Poet



Mr. Rajeev Kumar Global Head-Campus Hiring Wipro Technology



H.H. Nischalanand Saraswati Ji Jagadguru Shankaracharya



**Dr. Akhilesh Pandey** Chairman, Madhya Pradesh Private University Regulatory Commission



**Prof. H. M. Gupta**Former Professor, Dept.
of Electrical Engineering,
IIT Delhi



**Dr. Narendra S. Chaudhari**Director (Chairman IEEE, MP
Subsection)
VNIT, Nagpur



Mr. Atul Singh SP, Economic Offences Wing's (EOW) Gwalior (MP)



Prof. R. K. Ghosh Professor, Department of Electrical Engineering, IIT Delhi



**Dr. Anurag Seetha**Associate Professor, Dept.
of Computer Applications,
MCRPV, Bhopal



**Dr. Balraj Singh** Vice Chancellor, Agriculture University, Jodhpur Rajasthan



Mr. Deepak Kumar Managing Director, VISA Steel Ltd.



**Dr. Karin**Homa Teacher, Five Fold
Path Mission, Homa Organic
Farming, Mumbai



**Prof. Onkar Singh** Vice Chancellor, MMUT, Gorakhpur



Mr. S. Ganapathy Venkatsubramaniam Professor, Anna University, Chennai



**Prof. Cheol Park**Professor of Business
Administration, Korea
University, South Korea



Mr. Vijay Mehta Chairman, MEFCOM Pvt. Ltd.



**Ms. Latika Wadhwa** Founder, MAStyle Care



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



Ms. Sakshi Malik Rio Olympics 2016 Medal Winner Wrestler



Padmashri Dr. Prahlada Rao Missile Scientist



Dr. Subra Ananthakrishnan Professor, FASc, FNASc Pune University



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



**Dr. Ulrich Berk**President, German
Association of Homa
Farming



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



Mr. Mwitumwa Namunda Lubinda Second Secretary (Immigration & Consullar Affairs) Zambia



Prof. Arun Kumar Eminent Economist and former professor, Jawaharlal Nehru University



Ms. Neha Chaudhary Director, ITASPA, Lucknow



**Dr. Ratan Tiwari**Principal Scientist,
Directorate of Wheat &
Barley Research, Karnal,
Haryana



**Dr. A K Goyal** Sr. Scientist DRDE Gwalior



Mr. Biswa Bhusan Lead - Talent Acquisition, Infosys Ltd.



Prof. Michel Aragno University of Neuchatel (Switzerland)



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



Prof. Rishikeshan T. Krishnan Director IIM Indore



Ms. Bimaljeet Kaur Associate Consultant, TCS



**Dr. K.K. Bhasin**Professor, Punjab University,
Chandigarh



Mr. Jimmy Sharma Founder, Narmadatech Solutions Pvt. Ltd.



Mr. Mahip Tejaswi CEO, Gwalior Smart City



Mr. Rohit Mohan

Dy General Manager, LPG
Sales, Indian Oil Corporation
Ltd., Gwalior



Mr. Ramesh Chandra Dwivedi Director, RUDSET Institute, Bhopal



Mr. K.M. Pdmanabhan Director, ONGC, Chennai



**Prof. Sanjeev Jain**Professor, Dept. of Mechanical,
IIT Dehli



Vice President & Operating Head IT, Honda Cars india Ltd.



Mr. Rajat Jain Head Marketing, Nestle for Maggie Noodles



Ms. Medha Patkar Social Activist



Mr. Alok Saxena Vice President, TATA Motors Ltd., Pune (Retd.)



Mr. Rohit Sharma Regional Head, Jaypee Cement



Prof. Sanjay K. Jain Chairman, Council for Industry-Higher Education Collaboration, Dr. Harisingh Gour Vishwavidyalaya, Sagar



**Mr. Shashi Shekhar** Editor-in-Chief, Hindustan Newspaper Group (Delhi)



Mr. Akhilendra Mishra Actor, Bollywood



Mr. Sohan Singh Yoga Master, China



Mr. Shesh Narayan Singh Eminent Journalist



Mr. Alok Joshi Managing Editor, CNBC Voice and CNBC Bazaar (Mumbai)

## **CAREERS**

In order to equip the students with necessary skills, knowledge and professional aptitude needed by the stakeholders, the companies of international repute from relevant fields are identified based on their quality benchmarks and are assigned the important task of Training and Augmentation.











"You can motivate by fear, and you can motivate by reward. But both those methods are only temporary. The only lasting thing is self motivation."

- Homer Rice

In order to create students with necessary skills, knowledge and attitude needed by the stakeholders, 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 training and placement programme. This adds immensely to the managerial and professional skill development of students and transparency in the complete process. It is worth mentioning here that all the augmentation programmes result in certification 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 tie-up 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.

#### TRAINING AND PLACEMENT (TAP) CELL

TAP Cell has been established with clear objectives 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

BRANCH/ SCHOOL	TRAINING MODULES	COMPANY NAME		
BCA/BCAH	Python	Beyond Boundariez/Allsoft Solutions		
	CCNA	One Planet Research		
	Oracle	One Planet Research		
	PHP	CETPA / Allsoft Solutions		
	Android	Sinros Pvt. Ltd.		
	Linux	Beyond Bpundariez / Shreyanshi Consultancy		
	Soft Skills	TPC Global / FACE	r	
	PHP	CETPA / Allsoft Solutions		
	CCNA	One Planet Research		
	Oracle	One Planet Research	ľ	
B. Tech. (CSE)/ MCA	Android	Sinsors Pvt. Ltd.		
	Linux	Shreyanshi Consultancy / Beyond Boundariez / Sinros Pvt. Ltd.		
	Cloud Computing	CETPA / Beyond Boundariez / Shreyanshi Consultancy		
	Soft Skills	TPC Global / FACE		
	PCB, Robotics & Skills of Electronics	Beyond Boundariez / Sinros Pvt. Ltd.		
	Python	Allsoft Solutions/Beyond Boundariez	ŀ	
	CCNA	One Planet Research		
EC	VLSI	CETPA / Beyond Boundariez		
	Internet of Things	Beyond Boundariez/Sinros Pvt. Ltd.		
	Arduino	Sinros Pvt. Ltd.		
	Soft Skills	TPC Global / FACE		
	Wiring Drawing of control panel and electrical safety	СЕТРА		
	Embedded System	Allsoft Solutions		
EE	PLC & SCADA	Beyond Boundariez/Sinros Pvt. Ltd.		
	Python	Allsoft Solutions / Beyond Boundariez		
	HMI & Drives	CETPA, Beyond Boundariez / Sinros Pvt. Ltd.		
	Soft Skills	TPC Global / FACE		
CIVIL	AutoCAD 2D & 3D	CETPA / Beyond Boundariez / Allsoft Solutions		
	Revit	CADD Concepts/Beyond Boundariez	-	
	STAAD Pro	CETPA / Beyond Boundariez		
	Primavera	CETPA / Beyond Boundariez		
	Soft Skills	TPC Global / FACE		

BRANCH/ SCHOOL	TRAINING MODULES	COMPANY NAME	
	AutoCAD 2D & 3D	CETPA / Beyond Boundariez / Allsoft Solutions	
	Solid Works	Beyond Boundariez	
ME/Automobile	CATIA	CETPA / Beyond Boundariez	
,	Ansys	CETPA / Beyond Boundariez	
	ETABS	Beyond Boundariez	
	Soft Skills	TPC Global / FACE	
	AutoCAD 2D & 3D	CETPA / Beyond Boundariez / Allsoft Solutions	
Petroleum	MATLAB	CADD Concepts / Beyond Boundariez	
	ETABS	Beyond Boundariez	
	Soft skills	TPC Global / FACE	
	Molecular Biological Techniques with MATLAB	Beyond Boundariez	
	C & C++ Programming	One Planet Research	
Bio Tech	MATLAB	Beyond Boundariez	
	Bio-Informatics	Beyond Boundariez	
	Soft Skills	TPC Global / FACE	
	In Process Quality Control	Beyond Boundariez	
	Plant Operations	Beyond Boundariez	
Pharmacy	Industrial Safety, Marketing, Pharmaceutical Selling	Beyond Boundariez	
,	ISO 9001, QMS, CGMP for Pharmaceutical Manufacturing, FDA - Introduction	Beyond Boundariez	
	Soft Skills	TPC Global / FACE	
	Mcneel Rhinoceros	CADD Concepts	
Architecture	Building Information Modelling	CETPA	
Architecture	Report & Paper Writing	One Planet Research	
	Soft Skills	TPC Global / FACE	
	Revit	CADD Concepts / Beyond Boundariez	
Interior Design	3D Studio Max	CADD Concepts	
	Soft Skills	TPC Global / FACE	
	Illustrator	Beyond Boundariez	
Fashion Design	CAD Grading	Beyond Boundariez	
	Soft Skills	TPC Global / FACE	

## **CAMPUS PLACEMENT**

### **OPPORTUNITIES**

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









"You can motivate by fear, and you can motivate by reward. But both those methods are only temporary. The only lasting thing is self motivation."

- Homer Rice

S.No.	Company	Branch	Opportunities given
1	Wipro Technologies	BE/B.Tech (All Branches)	356
2	Innoeye	BE/B.Tech (CS/IT), MCA	112
3	Ceasefire	MBA (Male Candidates)	69
4	Toppr technologies	MBA	30
5	Fit Kids	BPed, B.Sc (Physical education)	33
6	IMS People	ALL Branch	101
7	Justdial Ltd	ALL Branch	100
8	Lancesoft	ALL Branch	57
9	Talent Corner	ALL Branch	109
10	SGS Consultancy	ALL Branch	54
11	Reflex Solution	BE/B.TECH(all branches),MCA	107
12	India Infoline	MBA	12
13	99 Acres	MBA	13
14	Rentomojo	MBA	15
15	Iffco Kisan	B.SC (Agriculture)	55
16	Doorstep Shoppee	ALL Branch	76
17	Eleation	B.E/B.tech (Mechanical)	58
18	Nexcity Solution Pvt. Ltd	B.SC (Agriculture)	5
19	360 Realtors	MBA	30
20	Cognizant	B.E/B.tech (CS, IT, EC, EE, ME)	138
21	Capital Via	ALL Branch	39
22	Vivo Mobile	MBA	4
23	Capital Aim	ALL Branch	33
24	Diaspark	B.E./B.tech(CS,IT) & MCA	40
25	Visa steel	B.E./B.tech(ME,EE)	73
26	ICICI BANK	MBA	9
27	Shriram Values Services	B.E./B.tech(CS,IT,EC)	17
28	Envecon Global	B.E./B.tech(CS,IT)	23
29	Focus Energy	B.E./B.TECH(PETROLEUM, MECHANICAL)	24
30	Smart School Pvt. Ltd.	ALL Branch	58
31	Infosys	B.E./B.Tech(All Branches)/MCA/M.Tech	436
32	TCS	B.E./B.Tech (All Branches)	49
33	Directi	B.E./B.TECH(CS/IT)	226
34	Maq Software	B.E./B.TECH(CS/IT)/MCA	113

35	Virbac	B.Sc Agriculture/B.pharma	62
36	Zycus	B.E./B.TECH(CS/IT),MBA	105
37	Jaro Education	BE/B.Tech (All Branches), MCA, BCA, BBA, B.COM, B.Sc, B.Pharma & MBA	280
38	Taxtron	B.E./B.TECH(ME/CIVIL/EC)	62
39	Pie Infocomm	B.E./B.TECH(ME/CIVIL/CS/EC)	97
40	ICICI Prudential	MBA	63
41	HDFC	MBA	34
42	Swiggy	MBA	22
43	Travel Triangle	BE/B.Tech (All Branches), MCA, BCA, BBA, B.COM, B.Sc, B.Pharma & MBA	43
44	Predico	MCA	15
45	RR Kabel	MBA	91
46	Star India	BE/B.Tech (All Branches), MCA, BCA, BBA, B.COM, B.Sc, B.Pharma & MBA	38
47	Texas Instrument	MCA	31
48	PropTiger	MBA	32
49	BMC	BBA/B.COM/MBA	18
50	Adecco	B.Sc Agriculture	28
51	Acxiom Pvt. Ltd.	B.E./B.TECH(ME/CS/IT)	63
52	Asian Paints	MBA	43
53	Extramarks Education	BE/B.Tech (All Branches), MCA, BCA, BBA, B.COM, B.Sc, B.Pharma & MBA	627
54	Fastrack HR	B.E./B.TECH(CS/IT),BBA,BCA	24
55	Career Mantra	MBA,BBA,B.COM	43
56	Grapecity India	B.E./BTECH(CS/IT)	27
57	Sandhar Technologies	B.E./B.TECH(ME,EC,EE,CE),MBA	16
58	Dollar Advisory	BE/B.Tech (All Branches), MCA, BCA, BBA, B.COM, B.Sc, B.Pharma & MBA	112
59	Almora	BE/B.Tech (All Branches), MCA, BCA, BBA, B.COM, B.Sc, B.Pharma & MBA	60
60	HSBC	B.E./B.TECH(CS/IT)	7
61	IBM	B.E./ B.Tech( CS/IT)	189
62	TATA STEEL	B.E./ B.Tech( Mech/ EE/EC)	138
63	BYJU'S	B.E./ B.Tech( All Branch)/ MBA	52
64	Indian Navy	B.E./ B.Tech( All Branch)	358
			6751

Note: Nine Hundred Seventy Five eligible students of management/commerce/engineering/pharmacy and agriculture programme got 6751 placement opportunities resulting in 87% placement through TAP cell of ITM University.

## **CORPORATE**

### **COMMENTS**

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







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

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.

**Vincy Sebstian** CSC





We are constantly in search of renowned experts on diverse topics and invite them to address and participate in conferences, seminars and panel discussions. Some of these are also members of Advisory Council of the University and offer advise in their respective areas of expertise so that the University can steer its projects and initiatives in right direction.

The students are provided with an opportunity to meet, exchange ideas, discuss issues and converse with some fascinating speakers and leaders of various sectors in a highly interactive setting and with significant feedback.

I am verv happy with the academic environment and vision of the management. Students here are very humble/ simple.

Yuvrai Bhatnagar Manaer – HR Global Logic India Pvt. Ltd.

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

Andrews Koshy HR L&T Infotech

facilities. staff. Good Above all Has good prospects to be Institute. Would certainly like to visit again.

Sanjay Gade Sr. VP IPCA

Very good exposure in city like Gwalior by ITM. Thanks to TAP cell for helping us

Aditya Agarwal Investor's Clinic

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

Vivek Joshi TCS



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

ITM was a charming experience. Students were very humble. It was a very good experience. Would love to be back again. Amit Kumar Gupta

Pre- Sales Connsultant WIPR0 **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.

> College them. Good professionalism.

> > Sr. Associate Lead Recruiter. HRD Infosys 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. Management has invested a lot in grooming performance by students. Good

Biswa Bhushan

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

hospitality. to come back

Shoaib Shaikh iGate

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

Anand Malhotra 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**

Students studying in ITM University Gwalior can avail Scholarships under the following categories

#### **MERIT SCHOLARSHIPS**

#### **Entry level**

- (a) Based on percent of marks secured in Qualifying Exam (b) Based on performance in ITMU-NEST
- (c) Based on JEE Rank (d) Early Bird Scholarship





#### Subsequent levels

#### ITM University Scholarships

ITM University Gwalior offers scholarships to nearly 600-700 students on the basis of their merit, economic status, performance in entrance examination.

#### Chancellor Scholarships

Out of the above, 25-30% students are awarded prestigious Chancellor Scholarships to both UG and PG students which is renewed on the basis of their performance in the end term examinations.

- Government Scholarships: Eligible Students (SC/ST/OBC categories) can also apply for the specified government scholarships as offered by various State Government and Central Government. Students are also benefited by scholarships offered by some private organizations.
- Sports and Cultural Scholarships: Students who perform very well in the field of sports, cultural activities or social events are given Scholarship and cash prize by the ITM University Gwalior.
- Defence Servicemen: for those students whose parents are serving in defence services of the country are also get special consideration in fee reduction.

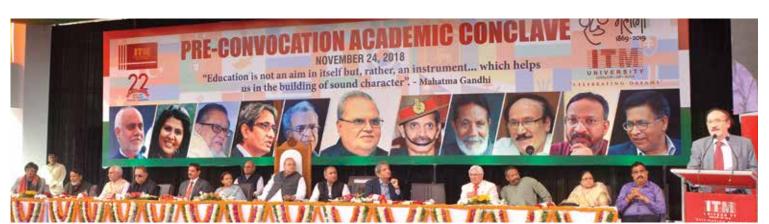
"Only he/she who can see the invisible can do the impossible."

- Frank L. Gaines

# **PRE-CONVOCATION**

### **ACADEMIC CONCLAVE**

ITM University Gwalior is the first University which has started organizing a unique event entitled "Pre-Convocation Academic Conclave" preceding the main convocation since 2017. This conclave has emerged as a powerful source of stimulation to students and teachers by motivational discourses given by a galaxy of intellectuals and highest order of achievers in diverse fields. So far luminaries like Dr. Mashelkar, Dr. Kiran Kumar, Smt. Aruna Roy, Shri Govind Nihalani, Shri Rajat Sharma, Shri Ashok Vajpeyi, Dr. M. K. Bhan, Shri Chandi Prasad Bhat, Shri Bezwada Wilson, Smt. Deepa Malik, Shri Ravish Kumar, Shri Ratan Thiyam and General Dalbir Singh Suhag have addressed the academic conclave. The presidential addresses were delivered by Shri Hardeep Singh Puri, Union Minister and Shri Satya Pal Malik, Governor of J&K.











# **CONVOCATION**

Every year the ITM University Gwalior holds its Convocation in a grand way. Convocation is a day of well-deserved celebration. For students, it is an achievement of their hard work, for teachers it brings deep sense of contentment and for parents and families it is a moment of immense pride and a culmination of their years of dedicated support and understanding.











"Win If You Can, Lose If You Must, But Never Quit!"
- Cameron Trammell

The University honoured some distinguished persons and bestowed upon the degree of Honoris Causa: doctoral degrees. Following were awarded degrees

- · Mr. Shvam Benegal
- Dr. Lakshminarayana Subramaniam
- Ms. Mridula Garg
- Mr. Vinod Dua
- Mr. Prabhakar M. Kolte
- Dr. Tessy Thomas
- · Mr. Anupam Mishra
- Ms. Aruna Roy
- Mr. Ashok Vajpeyi
- Mr. A. S. Kiran Kumar
- Mr. Govind Nihalani
- Dr. R. A. Mashelkar
- Mr. Raiat Sharma
- Mr. Yuvraj Singh
- Prof. Dr. M.S. Swaminathan
- Mr. Chandi Prasad Bhat
- Prof. Dr. M. K. Bhan
- Mr. Ratan Thivam
- Ms. Deepa Malik
- Gen. Dalbir Singh Suhag
- Mr. Ravish Kumar
- Mr. Bezwada Wilson

#### Convocation Addresses delivered by

1st Convocation: Prof. G.K. Mehta

2<sup>nd</sup> Convocation: Prof. Ram Chandra Guha

3rd Convocation: Prof. Faizan Mustafa

#### **MEDALS**

The toppers of every degree programme of ITM University Gwalior are awarded Gold medals in the convocation. More than 20 such gold medals presented in each convocation.

### CONVOCATION



Shri Shvam Benegal Film Director.



Shri L. Subramaniam Violinist, Composer, Conductor, Multi-instrumentalist, Arranger, Record Producer, Pedagogue, Grammy Awardee



Smt. Mridula Garo Writer



**Shri Vinod Dua** Journalist, Psephologist, Cuisine presenter, Anchor



Shri Prabhakar M. Kolte **Eminent Painter** 



Dr. Tessy Thomas Scientist, Technologist, DRDO Official



Shri Anupam Mishra Gandhian Author Journalist Environmentalist, TED speaker and water conservationist





Shri Ashok Vaipevi **Eminent Poet and Cultural** Activist



Padmashri A.S. Kiran Kumai Space Scientist and Chairman of ISRO



Padmashri Govind Nihalani Film Director, Cinematographer, Screenwriter and Producer



Padma Vibhushan Dr. Raghunath Anant Mashelkar Former Director General, CSIR



Padma Bhushan Shri Raiat Sharma Media Entrepreneur, Chairman India TV and Senior Journalist



Shri Yuvrai Singh. Indian International Cricketer



Padma Vibhushan Prof. Dr. M.S. Swaminathan Legendary Agriculture Scientist



Smt. Aruna Rov

Thinker and Activist for

Democratic Transparency

& Social Justice

Padma Bhushan Shri Chandi Prasad Bhatt Gandhian **Environmentalist and** Social Activist



Padma Bhushan Prof. Dr. Maharaj Kishan Bhan Paediatrician, Clinical Scientist & Inventor of Rotavirus Vaccine in India



Padmashri Ratan Thiyam Writer, Theater Director, Designer, Musician. Painter & Actor



Padmashri Ms. Deepa Malik Adventure Sportsperson



General Dalbir Singh Suhag Former Chief of Indian Army



Shri Ravish Kumar Writer and Journalist



Shri Bezwada Wilson Social Activist

#### SPONSORED MEDAL

Through generous donations from individuals and organizations, the ITM University Gwalior has instituted following sponsored medals for meritorious students in different fields:

- Jai Chand Mehta Gold Medal for Best Entrepreneur.
- Ashok Goyal Gold Medal for Securing Overall First Rank among all Examinations of the University.
- Dwarka Prasad Agarwal Gold Medal for Securing First Rank in Bachelor of Technology (Honours) in Computer Science and Engineering/Information and Communication Technology Examination.
- Thakur Saheb Bachchhraj Singh Ji Rathore Gold Medal for Securing Overall First Rank (Female Category) among all Examination of the University.
- Shakuntala Devi & Ramdas Tripathi Gold Medal for Securing First Rank in Bachelor of Technology (Civil Engineering) Examination.
- Samandari Devi Jain Silver Medal for **Excellent Contribution in Promoting Social** Activities.
- Kamalesh Kumari Shrivastava Silver Medal for the most enterprising student of the year.



Prof Giriiesh Kumar Mehta Former Director, IUAC and Vice Chancellor, Allahabad University



Padma Bhushan Prof. Ramachandra Guha Indian Historian, Thinker and Writer



Prof Faizan Mustafa Vice-Chancellor, NALSAR. Hyderabad

# **PROGRAMMES**

### **OFFERED**

SCHOOL OF ENGINEERING & TECHNOLOGY

Programmes	Eligibility	Duration	Mode of Selection	
B.Tech. / B.Tech (Honours)*				
Civil Engg.	10+2 in Maths stream with min 50%marks	4 Years		
Mechanical Engg.	10+2 in Maths stream with min 50%marks	4 Years		
Electronics & Communication Engg.	10+2 in Maths stream with min 50%marks	4 Years		
Electrical Engineering	10+2 in Maths stream with min 50%marks	4 Years	ITM-NEST	
Computer Science & Engg.	10+2 in Maths stream with min 50%marks	4 Years		
Information Technology	10+2 in Maths stream with min 50%marks	4 Years		
B.Tech Computer Science & Engg. (Specialization in Data Science and Machine Learning, Cloud Computing, Cyber Forensics)	10+2 in Maths stream with min 65%marks	4 Years		
Automobile Engg.	10+2 in Maths stream with min 50%marks	4 Years		
Agricultural Engg.	10+2 in Maths stream with min 50%marks	4 Years		
Biotechnology	10+2 in Maths/Biology stream with min 50%marks	4 Years		
Petroleum Engg.	10+2 in Maths stream with min 50%marks	4 Years		
Integrated Program M.Tech./MBA				
Civil Engg.	10+2 in Maths stream with min 50%marks	5 Years		
Mechanical Engg.	10+2 in Maths stream with min 50%marks	5 Years	ITM-NEST	
Electronics & Communication Engg.	10+2 in Maths stream with min 50%marks	5 Years		
Computer Science Engg.	10+2 in Maths stream with min 50%marks	5 Years	TIWI-NEST	
Biotechnology	10+2 in Maths/Biology stream with min 50%marks	5 Years		
M.Tech.				
Computer Science & Engg.	B.E/B.Tech. with minimum 50% marks	2 Years		
Geotechnical Engg.	B.E/B.Tech. with minimum 50% marks	2 Years		
Structural Engg.	B.E/B.Tech. with minimum 50% marks	2 Years		
Construction Technology & Mgmt.	B.E/B.Tech. with minimum 50% marks	2 Years	1	
VLSI	B.E/B.Tech. with minimum 50% marks	2 Years	ITM-NEST / GATE	
Communication Systems	B.E/B.Tech. with minimum 50% marks	2 Years		
Thermal Engg.	B.E/B.Tech. with minimum 50% marks	2 Years	1	
Machine Design	B.E/B.Tech. with minimum 50% marks	2 Years	1	
Production & Industrial Engg.	B.E/B.Tech. with minimum 50% marks	2 Years		
Computer Applications				
MCA	BCA/B.Sc.(CS/IT) or equivalent degree with minimum 50% marks	3 Years		
BCA (Honours)	10+2 in any stream with min. 50%marks	3 Years	ITM-NEST / GATE	
BCA	10+2 in any stream with min. 45%marks	3 Years		
PGDCA	Graduate in any stream with min. 50% marks	1 Year	1	

	Ph.D.				
	Computer Science & Engg.	PG with minimum 55%marks			
	Computer Applications	PG with minimum 55%marks		Ph.D. Entrance Exam	
	Mechanical Engg.	PG with minimum 55%marks			
	Civil Engg.	PG with minimum 55%marks			
	Electronics & Communication Engg.	PG with minimum 55%marks			
SCHOOL OF MANAGEMENT	MBA in Supply Chain & Logistic Management jointly offered with Safexpress	UG/PG with min 50% marks	2 Years		
	MBA in Financial Markets jointly offered with NSE	UG/PG with min 50% marks	2 Years	ITAA NIFOT / OAT/	
	MBA in Pharmaceutical Sales and Marketing (PSM)	UG/PG in any Science discipline with min 50% marks	2 Years	TITM-NEST / CAT/ CMAT/ XAT/ MAT, ATMA	
	MBA in Hospital Management	UG/PG with min 50% marks	2 Years		
	MBA (Dual Specialization)	UG/PG with min 50% marks	2 Years	1	
	MBA (Agri Business)	UG/PG with min 50% marks	2 Years		
	IPM (Integrated Program in Management)	10+2 in any stream with min 60%marks	5 Years	-	
	BBA	10+2 in any stream with min 50%marks	3 Years		
	BBA (Honours)	10+2 in any stream with min 55%marks	3 Years		
	BBA (Honours) Business Analytics	10+2 in any stream with min 55%marks	3 Years		
	BBA (Honours) in Financial Markets jointly offered with National Stock Exchange (NSE)	10+2 in any stream with min 55%marks	3 Years	ITM-NEST	
	B.Com.	10+2 in any stream with min 50%marks	3 Years	1	
	B.Com. (Honours)	10+2 in any stream with min 55%marks	3 Years		
	B.Com. (Honours) Pursuing CA, CS & CMA	10+2 in any stream with min 55%marks	3 Years	1	
	Ph.D. (Management)	PG with minimum 60% marks		Ph.D. Entrance Exam	
SCHOOL OF	D.Pharm.	10+2 in PCB/PCM with min 50% marks	2 Years	ITM-NEST	
PHARMACY	B.Pharm.	10+2 in PCB/PCM with min 50% marks	4 Years		
	M.Pharm.	B.Pharm with min 60% marks	2 Years		
SCHOOL OF	M.Sc. Nursing	B.Sc. Nursing with 1 year experience	2 Years	ITM-NEST	
NURSING	B.Sc. Nursing	10+2 in PCB & English with min 45% marks	4 Years		
SCIENCES	Post Basic B.Sc. Nursing	After GNM with RN & RM	2 Years	I I IVI-IVE 5 I	
	B.Optometry	10+2 in PCB/PCM with min 50% marks	4 Years		
SCHOOL	B.P.E.S	10+2 in any stream with min 40% marks	3 Years		
OF SPORTS EDUCATION	B.P.Ed.	UG in any stream with 50% marks	2 Years	ITM-NEST	
	M.P.E.S	B.Sc. (Health & Physical Education / B.P.E.S. / B.P.Ed. with min 50% marks	2 Years		
	Post Graduate Diploma in Yoga	UG in any stream with min 45% marks	1 Year		
	Post Graduate Diploma in Sports Journalism (PGDSJ)	UG in any stream with min 45% marks	1 Year		

SCHOOL OF SCIENCES	B.Sc. (Honours) Biotechnology	10+2 in Science/Maths/Agriculture with min 50%marks	3 Years		
COLLINGIS	B.Sc. (Honours) Food Technology	10+2 in Science/Maths/Agriculture with min 50%marks	3 Years	ITM-NEST / CAT/ CMAT/ XAT/ MAT/ ATMA	
	B.Sc. (Honours) Microbiology	10+2 in Science/Maths/Agriculture with min 50%marks	3 Years		
	B.Sc. (Honours) Biomedical Sciences	10+2 in PCB with min 50%marks	3 Years		
	B.Sc. (PCM/CS)	10+2 in Science/Maths with min 50%marks	3 Years		
	M.Sc. (Food Technology)	B.Sc. in Science/Maths/Agriculture with min 50% marks	2 Years		
	M.Sc. (Microbiology)	B.Sc. in Life Science/Agriculture with min 50% marks	2 Years		
	M.Sc. (Biotechnology)	B.Sc. in Biotechnology, Micro Biology, Zoology with min 50% marks	2 Years		
	M.Sc.(Medical Biotechnology)*	B.Sc. Biology with min 50%marks	2 Years		
	M.Sc. (Petroleum Technology)	B.Sc. in Science stream with Chemistry with min 50%marks	2 Years	ITM-NEST	
	M.Sc. (Chemistry)	B.Sc. in Science stream with Chemistry with min 50%marks	2 Years		
	M.Sc. (Mathematics)	B.Sc. in Science stream with Mathematics with min 50%marks	2 Years		
	M.Sc. (Physics)	B.Sc. in Science stream with Physics with min 50%marks	2 Years		
	Diploma in Food Processing	10+2 in any stream with min 40%marks	2 Years		
	Post Graduate Diploma in Food Processing	UG in Science stream with min 40%marks	1 Year		
	Ph.D. Biotechnology	PG with minimum 55%marks			
	Ph.D. Microbiology	PG with minimum 55%marks	]		
	Ph.D. Environmental Science	PG with minimum 55%marks	]	Ph.D. Entrance	
	Ph.D. Physics	PG with minimum 55%marks	]	Exam	
	Ph.D. Chemistry	PG with minimum 55%marks	]		
	Ph.D. Mathematics	PG with minimum 55%marks	]		
SCHOOL	B.Sc. (Interior/Fashion Design)	10+2 in any stream with min 40%marks	3 Years		
OF ARTS &	Diploma (Interior/Fashion Design)	10th with minimum 40%marks	1 Year	ITM-NEST	
DESIGN	M.Des. (Interior/Fashion Design)	UG in any stream with min 50%marks	2 Years		
SCHOOL OF	B.Ed	UG/PG with minimum 50% marks	2 Years		
EDUCATION	B.A B.Ed.	10+2 in any stream with min 50% marks	4 Years	ITM-NEST	
	B.Sc. B.Ed.	10+2 in Science stream with min 50% marks	4 Years		
SCHOOL OF FINE & PERFORMING ARTS	BFA (Painting & Sculpture)	10+2 in any stream with min 50% marks	3 Years	ITAA NEOT	
	B.A.(Acting)	10+2 in any stream with min 50% marks	3 Years		
	B.A. (Music)	10+2 in any stream with min 50% marks	3 Years	- ITM-NEST	
	MFA (Painting & Sculpture)	UG with min 50% marks	2 Years		
SCHOOL OF	B.Lib. I.Sc.	UG/PG in any stream with min 50% marks	1 Year		
LIBRARY AND INFO. SCIENCE	M.Lib. I.Sc.	UG/PG followed B.Lib I.Sc with min 50% marks	1 Year	ITM-NEST	

		1	1	
SCHOOL OF ARCHITECTURE & DESIGN	B.Arch.	10+2 in PCM with minimum 50% marks in each as well as agregrate+valid NATA/ JEE Score	5 Years	ITM-NEST
SCHOOL OF	B.Sc. (Agriculture)	10+2 in Science/Agriculture with min 50%marks	4 Years	ITM-NEST / PAT
AGRICULTURE	M.Sc. (Agronomy/Horticulture)	UG/PG in Agriculture stream with min 50% marks	2 Years	ITM-NEST
	Ph.D. Agriculture	PG with minimum 55%marks		Ph.D. Entrance Exam
SCHOOL OF LAW	B.A LLB (Honours)	10+2 in any stream with min 50% marks	5 Years	ITM-NEST
	B.Com. LLB (Honours)	10+2 in any stream with min 50% marks	5 Years	
	LLB	Graduation in any stream with min 45% marks	3 Years	
	LLM – Criminal Law	Graduation in Law with min 50% marks	1 Year	
	LLM – Constitutional Law	Graduation in Law with min 50% marks	1 Year	
SCHOOL OF HUMANITIES	B.A./ B.A. (Honours) India & South Asia Studies	10+2 any stream with min 50% marks	3 Years	
AND LITRARY	M.A. (India & South Asia Studies)	Graduation in any stream with min 50% marks	2 Years	
STUDIES	B.A.+ M.A.(Integrated) India & South Asia Studies	10+2 any stream with min 50% marks	3 Years	ITM-NEST
	BJMC	10+2 any stream with min 50% marks	3 Years	
	PG Diploma in Mobile Journalism and Social Journalism	Graduation in any stream with min 50% marks	1 Year	
	Certificate Course in Journalism	10+2 any stream with min 50% marks	6 Month	
SCHOOL OF MEDICAL &	Certificate in Operation Theatre Technician	10+2 in (PCB) with min 50% marks	1 Year	
PARAMEDICAL	Diploma in Anesthesia Technician	10+2 in (PCB) with min 50% marks	2 Years	ITM-NEST
SCIENCES	Diploma in Optometrist Refractions	10+2 in (PCB) with min 50% marks	2 Years	
	Bachelor in Physiotherapy (BPT)	10+2 in (PCB) with minimum 50% marks	4 ½ Years	

#### 1. CAUTION MONEY

- a. B.Tech. (Honors)/ B.Tech. /M.Tech (Integrated) / MBA (Integrated) / M.Tech./ 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.A. / M.A. / M.A. / M.A. Integrated / B.P.Ed. / B.A. / B.Com. + L.L.B. / B.Com / 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.

#### 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) 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.

# **MECHANICAL**

### **ENGINEERING**

Mechanical Engineering is one of the core branches of engineering. It practically interfaces with all other branches of engineering and technology. The knowledge of Mechanical Engineering is required for planning, designing, manufacturing, transportation, servicing and maintenance of all other engineering products. The branch, therefore, has continuous demand whether 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, oil gas & petroleum exploration techniques, etc.





"Doubt everything. Find your own light."

- Lord Buddha

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, vibration and maintenance, mechanics and strength of materials.

#### PROGRAMMES OFFERED

- B.Tech./B.Tech.(Hons.) Mechanical Engineering
- B. Tech. Automobile Engineering
- B. Tech. Petroleum Engineering
- B. Tech. + MBA (Integrated)
- B. Tech. (Hons.) + MBA(Integrated)
- B. Tech. + M. Tech.(Integrated)
- B. Tech. (Hons.) + M. Tech.(Integrated)
- M. Tech. Production and Industrial Engineering
- M. Tech. Thermal Engineering
- M. Tech. Machine Design
- Ph.D

#### 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 areas 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 including UTM and hardness testing machines.

#### MoUs

• CETPA • DreamUny • TPC Global

### CAREER OPTIONS & PLACEMENT OPPORTUNITIES

The career options knows no bounds for Mechanical Engineers in 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 • NTPC • BHEL • GAIL • SAIL, etc.

#### **RESOURCES**

The department of mechanical engineering has well equipped workshop and labs of thermo dynamics, 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 students' training and projects.



For Petroleum Engineering, the labs are drilling fluids and cementation, reservoir modeling, process equipments are well established.

#### STUDENT'S ACHIEVEMENTS

- In the ECO KART competition of 2015, our cart was appreciated as "the best SUV of the Event" owing 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.
- 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 areas under Mechanical Engineering. Besides research, it also imparts training for students to make them competent and motivated professionals to face industry challenges. 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, Design, Production and Industrial Engineering along with Automobile and Petroleum Engineering. The quality research papers have been published by the faculty members in leading international journals and several papers have also been awarded as the best technical papers of the year.

# **COMPUTER SCIENCE**

### **ENGINEERING / INFORMATION TECHNOLOGY**

Global Excellence and local relevance in research, teaching, and technology development is the vision of the department. The department was started in 2011. The department has state-of-the-art infrastructure and computing equipment supported by high speed Ethernet and wireless networks.





"I donot feel obliged to believe that same God who endowed us with sense,reason,and intellect had intended for us to forgo their use."

- Galileo

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.

#### **PROGRAMMES OFFERED**

#### **Centre of Excellence**

The courses in Dept. of Computer Science are designed in consultation and collaboration of experts from industries.

#### B.Tech.(H)

- · Data Science and Machine Learning
- Cyber Forensics
- Cloud Computing)

#### **GENERIC UG PROGRAMMES**

- B.Tech. (CSE)
- B.Tech. (IT)
- B.Tech. (Hons.) (CSE/IT)
- M.Tech. (CSE)
- B.Tech+MBA (Integrated)
- B.Tech. + M.Tech. (Integrated)
- Ph.D.

#### **UNIQUENESS**

- To boost the overall performance of students, ITM University Gwalior has implemented Activity based continuous assessment model (ABCA). In this model students are involved in various technical activities such as Project development, poster presentations, seminar, case study, open book test, quiz and research article writing.
- The Department of Computer Science and Engineering provides an outstanding research environment complemented by excellence in teaching.

- Well qualified faculty members aim at delivering top class education blending their rich research experience with classroom teaching.
- The department has a comprehensive curriculum on topics related to all aspects of Computer Hardware and Software with an emphasis on activity and project based 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 of information & communication technology.
- The Department is assisted by a well maintained Departmental library for references.

#### MoUs

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

- One Planet Research (OPR) Oracle
- Bevond Boundariez CETPA
- · RedHat Shreyanshi Consultancy
- FACE Allsoft Solutions
- Sinros Pvt. Ltd. TPC Global
- · Infosys TPC Global
- DreamUnv Education Pvt. Ltd. CISCO
- FPTU, Vietnam for student and faculty exchange program • DOC Systems • EMC2
- Safeducate learning Pvt. Ltd. Sap India Ltd.

#### PEDAGOGY AND LEARNING AMBIENCE

The department's pedagogy aims at preparing students to face real-world challenges using Project-Based Learning (PBL), interactive and participative processes and constant mentoring. Lots of opportunities are provided to students to supplement the conventional technical education using the following practices:

- Industry Visits, Workshops and Trainings
- Projects and Quiz Competitions
- Students Seminars and Debates

#### COMPUTER SCIENCE ENGINEERING / INFORMATION TECHNOLOGY

- Interviews and Group Discussions
- Innovation and Creativity Clubs
- · Personality Development Programmes

### Students and faculty are also benefit from the following sources:

- NPTEL Programme MIT's Open Courseware
- IIT Spoken Tutorial and FOSS lab by IIT Mumbai
- Udacity Programmme

The teaching aids include Multimedia LCD projectors, and smart class rooms. Frequent visits by leading industry officials, academia and government give the students a unique opportunity for interaction.

### 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, Wipro, Satyam, IBM, Mahindra Mphasis (EDS), Hexaware, Infosys, Torry Harris, Persistent, Accenture, Libsys, Amdale, HCL, Unilogic, Applabs, Zensar, Syntel, and Shriram Value Services Pvt. Ltd.

#### **RESOURCES**

- Well-equipped specialized labs & multimedia classrooms
- All classrooms are breezy and nature friendly
- Licensed and Open Source Softwares
   (Microsoft Campus Agreement, Java, MATLAB, NS@, WEKA, Cloudsim 3.0.1, Cisco Packet tracer, Ubuntu 16.04, ORACLE 9i, Linux7.2, windowsNT/2003 Server, Wi Proxy,TurboC++. etc.)



- Campus agreement with Microsoft Corporation for use of all its softwares
- High Specification Server
- 40 Mbps for high speed internet connectivity throughout the labs • Having enough power backup facility upto 100 KVA • 15 broadband connections are used as a backup and fault tolerant internet connectivity

#### **RESEARCH AREAS**

- Cyber Forensics and Security
- · Machine Learning
- Soft Computing
- Wireless Sensor Networks
- Mobile Adhoc Networks and Vehicular networks
- Big data analytics
- Image and Video Processing
- · Data and web Mining
- · Network Security
- Cloud Computing

#### **CERTIFICATE COURSES**

- Cyber Forensics and security
- Programming in C
- Playing with pointers in C
- PHP
- .NET Programming
- Java Programming
- Python

# **ELECTRONICS & COMMUNICATION**

### **ENGINEERING**

In the present era, the field of Electronics and Communication Engineering plays an important role in almost every sphere of our life. It has penetrated almost in every field of our existence whether these are television, washing machines, mobile phones or automated vehicles. It mainly deals with the communication technology along with the basic electronic components, design of circuits and systems.





"Imagination is more important than knowledge."

- Einstein

#### **PROGRAMMES OFFERED**

- B.Tech.
- B.Tech. (Honors)
- B.Tech. + M.Tech (Integrated)
- B.Tech. (Honors) + M.Tech. (Integrated)
- B.Tech. (Honors) + MBA (Integrated)
- B.Tech. + MBA (Integrated)
- M.Tech. (VLSI Design)
- M.Tech. (Communication Systems)
- Ph.D.

#### **UNIQUENESS**

- Highly qualified and experienced staff.
- · Faculty with wide array of specializations.
- Faculty with specializations in VLSI
   Design, Microwave Engineering, 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, Workshops and International Conferences.
- Publications in International, National Journals and Conferences of repute.
- Well equipped Laboratories.
- Published two patents and one copyright

#### MoUs

The MOU for technical & soft skill training 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:

- Beyond Bounderiez
- Allsoft Solutions
- CISCO
- Sinros Pvt. Ltd.
- FACE
- CETPA
- One Planet Research
- TPC Global

### 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, Nano Technology, Satellite Communication, Space Research. On account of the versatility of Electronics & Communication Engineering, students also get a chance to be placed in software companies of high reputation.

#### **MAJOR RECRUITERS**

- Intel Cadence Synopsis Samsung LG
- DRDO ISRO ST Microelectronics Bharat Electronics Limited, BSNL Idea Airtel
- Vodafone Videocon Nokia Airtel payment bank • R R Kabel • Texas Instruments • Syntel

#### 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 & Circuits Lab
- Digital Electronics Lab
- Networks Analysis & Synthesis Lab

#### **ELECTRONICS & COMMUNICATION ENGINEERING**



- 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 & Microelectronics
- Microwave Engineering & Antenna Design
- Wireless Networks & Communication
- Digital Communication
- · Embedded Systems
- Micro electronics
- Nano Technology

# **BIOTECHNOLOGY**

### **ENGINEERING**

Our Biotechnology programme is a fusion of biology and technology emphasizing the synergy between the living microscopic world and the industrial technology. Biotechnology mainly deals with the concerns of diseases of the living organisms, to increasing the life span of the organism, productivity of the crops, to increasing the immune strength, to segregate the disease producing micro-organisms from the body and to finding its reproductive nature, behavior and mode of nutrition etc. for the benefit and welfare of the human society.





"A person starts to live when he can live outside himself."

- Einstein

Biotechnologist may add, subtract, multiply or divide the four poly-biomolecules which are essential for living organism. These molecules are Proteins, Carboydrates, Nucleic acids and Lipids. With the development of Recombinant DNA technology, hybridoma and stem cell development, biotechnologist are able to produce new high yield and diseases resistant hybrids crops, identification and treatment of diseases by producing natural and synthetic drugs.

#### **PROGRAMMES OFFERED**

- B.Tech. Biotechnology
- B.Tech. (Hons.) Biotechnology
- . M.Tech. (Integrated) Biotechnology

#### UNIQUENESS

The academic programme in Biotechnology Engineering has been designed to focus on generation of knowledge and developing expertise in the emerging areas of Science and Technology by developing state-of-the-art physical infrastructure to meet the demand of quality manpower needed in the areas of social and industrial benefit. The B.Tech. Biotechnology programme at ITM University is driven by the development of theoretical knowledge base as well as the fulfillment of business demands of the biotechnology sector. It involves a flexible model where the course content would continuously evolve with the rapid changes occurring in Biotechnology Industry without compromising with the basic tools in the area.

The courses would provide competence in biotechnology by providing training in the areas of microbiology, biochemistry, molecular biology and bioinformatics.

Lectures, seminars and hands-on projects, both inhouse and during industrial or academic internships, which are an integral part of the entire learning process. The major thrust is laid on the integration of the theoretical knowledge with the hands-on practical experience.





#### MoUs

DreamUny • One Planet Research • TPC Global.

### CAREER OPTIONS & PLACEMENT OPPORTUNITIES

Career opportunities for students of Biotechnology knows no bounds. Those specializing in different sub-disciplines of Biotechnology can easily find jobs in both private and government sector undertakings. If you have acquired a B.Tech. degree in Biotechnology, then you can easily find a suitable position in a number of industries. Biotechnology assimilates in itself a number of disciplines. Major recruiters include the industries engaged in processing and developing agricultural and biological products, bio-processing industries, pharmaceutical and chemical industries. There are ample opportunities in industries producing healthcare products, textile industry, cosmetics Industry and organisations engaged in different types of research and development pertaining to Biotechnology.

Further, there is a great demand for Biotechnical experts in countless industries and sectors.

#### **MAJOR RECRUITERS**

Biocon India Pvt. Ltd., Serum Institute of India, Panacea Biotec., Piramal Healthcare, Wockhardt Limited, Glaxo Smith Kline, Bharat Serum, Krebs Biochemicals and Industries Limited, Zydus Cadila, Indian Immunologicals, Monsanto Biotech, Rasi Seeds, Novo Nordisk, Indian Immunologicals, Trans Asia Biomedics

#### **RESOURCES**

#### Laboratory facility

The School of Life Sciences has well equipped labs of Biotechnology, Microbiology, Biochemistry, Molecular Biology, Plant Tissue Culture and computer labs with number of computers with internet facilities. In addition to it, the department has central Instrumentation lab having very costly and sophisticated instruments. Some specialized labs are under preparation as Enzyme Technology Lab, RDT Lab etc. The department arranges the Industrial training, Industrial visits and Instrumentation training, workshops relating to Industrial applications.

- Central Instrumentation Lab(CIL)
- Research Lab
- Food Technology Lab

- Microbiology Lab
- Biotechnology Lab
- Bioinformatics Lab
- Botany/Zoology Lab

#### **MAJOR EQUIPMENTS**

- UV-Vis Spectrophotometer
- Cooling Ultra Centrifuge
- High speed Research centrifuge
- Orbital Shaker etc.
- -20oC Deep freezer
- BOD Incubator etc.

#### RESEARCH AREAS

The student of Biotechnology can find numerous fields for Research such as:

- Animal Biotechnology
- Computational Biotechnology
- Environmental Biotechnology
- · Human Biotechnology
- Industrial Biotechnology
- Medical Microbiology & Biotechnology
- Plant Biotechnology etc.

## **CIVIL** ENGINEERING

Civil Engineering is the practical application of principles of science to provide a 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 last 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.





"You cannot teach a man anything; you can only help him discover it in himself."

- Galileo

The demand for better infrastructure is exponentially increasing every year with every sector of economy demanding 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 the 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.

#### **PROGRAMMES OFFERED**

- B. Tech./B. Tech.(Hons.)
- B. Tech. + M. Tech.(Integrated)
- B. Tech. (Hons.) + M. Tech.(Integrated)
- B. Tech. + MBA (Integrated)
- B. Tech. (Hons.) + MBA (Integrated)
- M. Tech. (Construction Technology & Management)
- M. Tech. (Structural Engineering)
- M. Tech. (Geotechnical Engineering)
- Ph.D.

#### **UNIQUENESS**

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 options to students in • AUTOCAD • STAAD • PRIMAVERA • MS-PROJECT • AMCAT etc.





#### MoUs

- CETPA
- Autodesk
- TPCGlobal

### 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 Infro Construction Ltd., IVRCL Ltd., II&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 has an excellent and experienced faculty with a mixture of old and young teachers. Department has laboratories which are almost fully equipped and continuously developing according to the changing requirements as per the demands of Industry. These include civil engineering workshops, Surveying, Strength of materials, Geology, Geotechnical, Concrete, Highway materials, and Model labs etc. Apart from this, this department also has departmental computer lab for training in Autocad, Staad, Primavera and other useful Civil engineering softwares.

#### 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. Il yr. Civil Engg., who got selected for an international conference in Germany, namely SHC 2013,conducted by solar committees of USA & Belgium. He competed with 297 students from 49 countries to get his selection for final presentation. ITM family congratulates 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 graduates. This greatly helps to increase the employability of students.

#### **RESEARCH AREAS**

The Civil Engineering Department is concentrating on the research in areas of Construction Technology, Construction Management, Environment Engineering, Structural Engineering and Geotechnical Engineering.

# **ELECTRICAL**

### **ENGINEERING**

Electrical Engineering is a field of engineering that generally deals with the study and application of electricity, electronics and Electro Magnetism. 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.





"Nothing in life is to be feared. It is only to be understood."

- Marie Curie

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.

The Department is also aided by eminent visiting professors, who have expertise in Electrical Engineering to impart quality education to our students.

The Department of EE strives to impart applied knowledge and practice- based technical learning to the students.

#### **PROGRAMMES OFFERED**

- B.Tech.
- . B.Tech.(Honors)

#### **UNIQUENESS**

- Modular Object- Oriented Dynamic Learning Environment (Moodle) is a software application for the administration, documentation, tracking, reporting and delivery of e-learning education courses or training programmes. We use Moodle to deliver online courses and study material which is otherwise not available to the students in most of the institutes. It helps them 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 on its different modules.

#### MoUs

- BEYOND BOUNDARIES
- TPC GLOBAL
- ALL SOFT
- FACE
- CETPA
- SINROS PVT. LTD.

### 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 may opt for specialization in branches 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 pursue professional Engineering (PE) license through the State's License Board which gives them the authority to sign and seal engineering plans and offer their services to the public.





#### **MAJOR RECRUITERS**

- Power Grid Corporation
- National Thermal Power 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 VISA STEFI

#### RESOURCES

The Electrical Department is well 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.

# **AGRICULTURAL**

### **ENGINEERING**

Agricultural Engineering program combines the concepts and techniques of Agriculture and modern technology with engineering practices. The program is an amalgamation of more than one discipline. It is a combination of various disciplines such as- animal and plant sciences, geology environment science, core Engineering branches, modern agricultural technology etc.





"Nothing in life is to be feared. It is only to be understood." - Marie Curie There are some important subjects present in the program. The first year (1st and 2nd semester) consists of the common subjects. Then onward, subjects focusing on Agriculture sector are introduced. Some subjects are recurring ones and will keep on appearing in more than one semester. It is obvious that the B.E./B.Tech. Agriculture program consists of elements of Electrical, Mechanical, Civil, Chemical and Computer Engineering.

#### **PROGRAMME OFFERED**

• B.Tech. (Agricultural Engineering)

#### **UNIQUENESS**

The department right from the inception has been offering undergraduate and advanced studies under all the broad field of Soil technology, Crop Production Technology, Hydrology, Soil and Water Conservation Engineering, Post Harvest Engineering, Farm Machinery and Equipment, Irrigation Engineering, Tractor and power systems, Drainage Engineering, etc.

### CAREER OPTIONS & PLACEMENT OPPORTUNITIES

The career options are unlimited for agricultural engineers in fields of Food Department, State wise dairy boards Coir Board etc. Some well known job posts available for Graduates are-- Agriculture Officer, Quality Assurance Officer, Farm Manager, Research Engineer, Process Manager, Purchase Manager, etc.

The leading sectors requiring agricultural engineers are Fertilizer and Chemicals, Animal Breeding Centre, Researchers, Extension Specialists. Waste Specialists, Land Development Engr., Structure Designers, Machinery Designers, Electrification and Power Systems Designer, Precision Agriculture Applications Engineer, Environmental Controls Engineer, Farm Supervisor, etc.

#### **MAJOR RECRUITERS**

Sriram Fertilizer and Chemicals, New Delhi, Nestle India Ltd, Animal Breeding Centre, AMUL Dairy, PRADAN, Proagro Seed Co. Ltd., Monsanto India Ltd., Syrganta India Ltd., VNR Seeds Ltd., Raipur, SRIJAN, Sungro Seeds Ltd. Delhi, BRITANNIA Industries Ltd, Parle Agro Pvt Ltd, etc.

#### RESOURCES

The department of Agricultural Engineering has well equipped workshop and labs of Soil technology, Crop Production Technology, Hydrology, Soil and Water Conservation Engineering, Post Harvest Engineering, Farm Machinery and Equipment , Irrigation Engineering, Tractor and power systems, Drainage Engineering and Irrigation Dams.

#### **RESEARCH AREAS**

ITM University Gwalior carries out original research of significance in the cutting edge areas under agricultural engineering. Besides 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 Soil and Water Conservation Engineering, Post Harvest Engineering, Farm Machinery and power engineering Equipment. The quality research papers have been published by the faculty members in leading International/National journals and several papers have also been awarded as best technical papers of the year.





# **COMPUTER** APPLICATIONS

The department is successfully meeting the objective of producing skilled manpower of the highest quality who are able to cope with challenges the 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.





"Chance favors the prepared mind."
- Louis Pasture

The institute has well equipped labs, multimedia classrooms and large warehouse of books, articles, magazines in library to have maximum knowledge opportunity. The 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.

#### **PROGRAMMES OFFERED**

- BCA
- BCA (H)
- MCA
- PGDCA
- Ph.D.

#### UNIQUENESS

- To boost the overall performance of student ITM University Gwalior has implemented Activity based continues assessment model (ABCA). In this model students are involved in various technical activities such as Project development, poster presentations, seminar, case study, open book test, quiz and research article writing
- To programmed and coordinate the overall performance, a certain number of students are assigned to a Faculty member who is called their Faculty Advisor/Mentor.
- 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 in academics.

#### MoUs

- One Planet Research (OPR)
- Oracle
- Beyond Boundaries
- CETPA
- RedHat
- Shreyanshi Consultancy
- FACE
- Allsoft Solutions
- Sinros Pvt. Ltd.
- TPC Global
- Infosvs
- TPC Global
- · DreamUny Education Pvt. Ltd.
- CISCO
- FPTU, Vietnam for student and faculty exchange program
- DOC Systems
- EMC2
- Safeducate Learning Pvt. Ltd. Sap India Ltd.

### 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 a chance at placement in banking sectors, civil services etc.

#### **RESOURCES**

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

#### CO-CURRICULAR & EXTRACURRICULAR

- Guest Lecture conducted by Mr. Aman Sharma, Vayam Technologies Ltd., New Delhi on "Forensic Science" on September 15, 2018
- Expert Lecture by Dr. Rajesh Doriya NIT, Raipur, Chhattisgarh on "Introduction to AI and Cloud Robotics" on Jan 28, 2019
- Expert Lecture by Dr. Ram Shringar Rao,
   AIACTR, New Delhi on "Cloud based Vehicular
   Adhoc Networks" on Jan 29, 2019
- Expert Lecture by Dr. Vinod Kumar Jain, from IIITDM, Jabalpur on "Functional Dependencies and Normalization in DBMS" on Feb 13, 2019
- Industrial visit of students to Chandigarh and during March 15-20, 2019 to Indivar Software Solution and Unimax Software Solution.
- 10 days Certificate Course on web component development using PHP during March 26 to 03 April 2019 by Mr. Neeraj Goyal.
- One day workshop on website development and multimedia on January 21 ,2019

#### **RESEARCH AREAS**

- · Cyber Forensics and Security
- · Machine Learning
- Soft Computing
- Wireless Sensor Networks
- Mobile Adhoc Networks and Vehicular networks
- Big data analytics
- Image and Video Processing
- Data and web Mining
- Network Security
- Cloud Computing

#### **CERTIFICATE COURSES**

- · Cyber Forensics and security
- Programming in C
- Playing with pointers in C
- PHP
- .NET Programming
- Java Programming
- Python



# **BUSINESS**MANAGEMENT

ITM School of Management is one of the flagship and leading B-Schools of Central and North India. It has received the highest ratings for its learning-outcome based academic programmes, state-of-the 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.





"The Sun, with the planets revolving around it, and depending on it, can still ripen a bunch of grapes as though it had nothing else in the Universe to do."

- Galileo

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

ITM School of Management 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, Interface and Placements" (By Career Connect, February 2016, Vol.- 4, Issue-6).

#### **PROGRAMMES OFFERED**

#### **Centre of Excellence**

The courses in School of Management are designed under the mentorship of Veteran

Prof. N. Ravichandran, Former Director, IIM Indore.

- BBA(H) (Data Sciences)/BBA(H), B.Com.(H)
- IPM (5 Yr. Integrated Programme in Management)

#### **GENERIC UG PROGRAMMES**

- B.B.A.
- B.B.A. (Honors)
- B.B.A. (Honors) in Financial Markets with NSE
- B.Com.
- B.Com. (Honors)
- B.Com. (CA/CS/competitive exam pursuing)
- B.Com. (Honors) CA/CS/CMA pursuing

#### **BBA (H) DATA SCIENCES**

Data sciences is a blend of disciplines like operations research, computer science, machine learning, statistical methods and programming language that are rapidly emerging as a key to support managerial decisions in every functional area like marketing, finance, HR, consumer behavior, research and development, after sales services etc.

#### **INTEGRATED PROGRAM IN MANAGEMENT (IPM)**

Good human beings make good decisions, because good human beings make good managers. We have created a course which is holistic in its approach in order to develop good human being rather than just managers or leaders. The program aims to create managers by making them learn in an educational environment which will be holistic in its learning approach in which general management curriculum will be seamlessly related to multiple related and relevant disciplines.

### MBA-SUPPLY CHAIN & LOGISTICS IN ASSOCIATION WITH SAFEXPRESS

First true programme with industry leader where a student is co-evolved to possess valuable skill set required by supply chain and logistics industry. The programme is offered with Safexpress, India's largest logistics and supply chain management organization.

### MBA-FINANCIAL MARKETS IN ASSOCIATION WITH NATIONAL STOCK EXCHANGE

MBA-Financial Markets in association with National Stock Exchange, is the first of its kind programme in M.P., where students are groomed as per the dynamic requirements of the financial services sector.

#### **MBA-DUAL SPECIALIZATION**

This is a two years full time credit based programme spread over six trimesters. It is a contemporary and challenging course that uses latest state-of-art teaching learning processes for delivering maximum "learning outcome". The teaching-learning process of the programme is unique in North and Central India and is instrumental in placing students in best companies of corporate sector.

#### **MBA-AGRI BUSINESS PROGRAMME**

The two year MBA (Agri Business Programme) at ITM University Gwalior is designed to transform dynamic & determined Agri-graduates to hi-tech Agri Business Managers for Agri industries in India.

#### **MBA-HOSPITAL MANAGEMENT**

The two year MBA (Hospital Management) at ITM

University Gwalior is designed to equip students with advanced business management skills required to organize and regulate complex health-care delivery system.

#### MBA-PSM (MASTER OF BUSINESS ADMINISTRATION IN PHARMACEUTICAL SALES AND MARKETING)

This course deals with the exploration of different aspects of Sales and Marketing Management in Pharmaceutical industry.

#### PH.D. PROGRAMME

· Ph.D. in Management

#### UNIQUENESS

- Dual Specialization with options in Marketing, Finance, HRM, International Business.
- Rich curriculum designed by renowned Industry members and experienced 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 teachinglearning.
- Flexible Programmes with choice based credit system.
- Case Based Pedagogy, wherein, popular cases from Harvard/Darden/Ivey etc. are used in imparting in-depth knowledge of the subjects.
- Workshops on SPSS, E-Views, Marketing Engineering, Compensation Planning, Business drafting, Entrepreneurship, Managerial Computing using MS Excel, Financial Modelling through Spreadsheet, Leadership etc.
- Quality teachers with doctoral degrees and rich 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-Ficonnectivity.
- 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 • E-Views • Tally ERP

### CAREER OPTIONS & PLACEMENT OPPORTUNITIES

The School of Management has a marvelous track record of placements across the entire North and Central region of India. Our batch of MBA 2017 witnessed an overall placement of 90 percent amongst the eligible students and MBA Supply Chain batch of 2017 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, JaypeeInfratech, 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 Prudencial, Nielsen, Pepperfry, Gojavas, Satin Credit care, Fedex, HCL BServ, Fusion Microfinance, Trifid Research, India MART Inter MESH, RR Kabel, Zycus, HSBC, Swiggy, Byju's, Asian Paints.

#### MAJOR RECRUITERS

Kent RO, Airtel, Axis Bank, HDFC Bank, Naukri.com, Safeducate, DICT, Money Capital Height Research, Safexpress, JaypeeInfratech, 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 • Unifest - The Management Fest
- Innovation Summit National Seminar-Suspire
- National Research Methodology Workshops using SPSS International Conference-INNOSERVE
- Short Term Certification Courses

# **PHARMACY**

The School of Pharmacy, a premier school of ITM University, Gwalior (MP), was established in 2012 offering quality education and advanced 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.





"It is surmounting difficulties that makes heroes."

- Louis Pasteur

The School of Pharmacy is offering Bachelor Degree course in Pharmacy (B. Pharm.) a two year Diploma in Pharmacy course, Master of Pharmacy with specialization in Pharmaceutics. Doctorate in Pharmaceutical Sciences by research, is also being offered. The school has a carefully designed, regularly updated curriculum with industrial orientation which emphasizes on cutting edge technologies in pharmaceutical field and their industrial applications. The school has well qualified faculties with strong motivation for Research and Development.

#### **PROGRAMMES OFFERED**

- . B.Pharm.
- D.Pharm.
- M.Pharm.
- Ph.D. Pharmaceutical Sciences

#### **UNIQUENESS**

- Carefully designed, regularly updated curriculum with industrial orientation which emphasizes on current trends and technologies in pharmaceutical field and their industrial applications
- Well qualified and motivated faculty with strong inclination for research and development.
- Central library with more 13000 books (National and International), e-library, journals and e-journals.
- Well Equipped laboratories
- Central instrumentation facility with sophisticated instruments like FTIR, HPLC, GC, UV-Vis spectrophotometer, Fluorescent spectrophotometer
- Medicinal Plant Garden with more than 100 medicinal plants
- Machine room equipped with industry grade
  Machines like rotary tablet press, ointment
  filling / sealing machine, Liquid filling / sealing
  machines, Ampoule sealing machine, 1 KW
  Ultra sonicator, Ultra Pure water purification unit
  from Millipore, Emulsifier, Stability chambers,
  Brookfields Viscometer, Homogenizer,

Microcentrifuge, Electrolab's six chamber dissolution tester, Sieve shaker, Hardness tester, Disintegration, tester, Friability tester, Projection microscope.

- · CPCSEA approved animal house facility.
- Project based learning
- · Workshops as part of curriculum

#### **CONCEPT OF ACTIVITY BASED LEARNING**

We are in the process of bringing about substantial changes in the pedagogy of Pharmacy Education in our school by introducing innovative design and methodology of teaching. We are trying to strike a balance between theoretical knowledge and practical understanding of the subject. Students will be evaluated continually by the concerned faculty member - not on the basis of marks exclusively but on the basis of individual assessment- the efforts and dedication shown by each individual student, and strongly linking these assessments in their Semester Grades and Skill Certification.

### AUGMENTATION OPPORTUNITIES AVAILABLE IN THE DEPARTMENT

- a. The School of Pharmacy is planning to collaborate with IPER, Pune, ICBio, Chandigarh, and other national and international organizations for dual degree / certification courses.
- b. An MoU for technical training has been signed between DreamUny & TPC Global.
- c. As per PCI norms, students get a minimum of 1 month industrial training prior to the completion of B. Pharm Course. The School of Pharmacy collaborating with different pharmaceutical industries for Industrial visit/training/ placements.
- d. School of Pharmacy provides overall personality / skill development programmes for the students.
- MoU has been signed with two prominent pharmaceutical industries of Gwalior for encouraging pharmacological and analytical works.
- f. Agreements with prominent pharmaceutical

companies in Himachal Pradesh for direct placement of bright students in manufacturing and Analytical sector.

### CAREER OPTIONS & PLACEMENT OPPORTUNITIES

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

#### **Jobs in Pharmacy Colleges**

B.Pharm. graduate are eligible to teach D.Pharm. students either in private colleges or Govt. polytechnic colleges and as Asst. Professor post graduation.

#### **Jobs in Pharmaceutical Industry**

B.Pharm. graduate with in-depth knowledge can rule any of the following areas:

- Formulation R&D Analytica I R&D Bulk R&D
- Production Production Management •
   Quality Control Quality Assurance Intellectual
   Property Rights and Regulatory Affairs Sales
   and Marketing Packaging Development Clinical
   Research Contract Research Organization •
   Product Management Bio-Informatics Medical
   Transcription Consultancy Pharmacovigilance
   Business development opportunities are also in
- the industries related to Biologicals, Cosmetics, Ayurvedics, Unani medicines, Veterinary medicines, Nutraceuticals, Surgicals etc.

#### **Government Jobs for B.Pharmacy Graduates**

Drug Inspector, Assistant Chemical Examiners in Prohibition and Excise subordinate service, Govt. Analyst or Drug Analyst (in State Govt. or Central Govt.) A large number of Pharmacist requirements come from (NRHM) National Rural Health Mission, Indian Army, Railways etc. and also as Forensic Pharmacist.

#### **Jobs in Pharmacies**

Pharmacy Practice: A B.Pharm graduate can practice the profession of pharmacy in Pharmacies (Medical shops), in hospitals or privately.

#### MAJOR RECRUITERS

Cipla Pharmaceuticals • Cadila • Dr. Reddy's Laboratories • Ranbaxy • Aventis Pharma

• Glenmark • Novartis • Pfizer • Glaxo SmithKline

Johnson & Johnson • Lupin • Teva API

#### **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, HPLC, GC, UV-Vis Spectrophotometer, Fluorescence spectrophotometer, 1 KW Ultra Sonicator, Ultra Pure water purification unit DQ3 Millipore, Emulsifier, Stability chambers, Brookfields Viscometer, Rotary tablet press, 8 station dissolution tester, Electrolab disintegration tester, hardness tester, sieve shaker, tap density tester, friability tester, well established tissue culture lab, CPCSEA approved animal house facility for conducting animal experimentation

#### RECENT EVENT

A national level two day conference on the Role of Ethnomedicine in Health Science sponsored by MPCST, was conducted from 29th to 30th of March 2019, which saw active participation of more than 300 delegates of which 100 participants were from outside. Healthy discussion on the topic was contemplated during the conference.

#### **RESEARCH EXPERTISE**

The School holds expertise in the field of Nano drug delivery systems, Extraction, isolation and screening of phytomolecules of pharmacological importance in Cancer, Diabetes and Computer aided Drug Design in the nascent stage. Search for natural polymers, Excipient Research, Hydrogel Technology is also in progress.



## NURSING SCIENCE

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





"There is no end to education. It is not that you read a book, pass an examination, and finish with education. The whole of life, from the moment you are born to the moment you die, is a process of learning."

- Jiddu Krishnamurti

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

#### **PROGRAMMES OFFERED**

- GNM
- B.Sc. (Nursing)
- Post Basic B.Sc. (Nursing)
- M.Sc. (Nursing)
- Ph.D.

#### UNIQUENESS

- The programme uses a wide range of critical thinking skills in making decision while providing quality client care.
- The School offers latest trends and technology in providing health care.
- The school conducts Need Based Research studies in various settings to improve quality of care.
- The School of Nursing provides Promotive, Preventive and Restorative health services in line with the National Health Policies and Programmes.
- The programme incorporates a wide range of interactive and innovative teaching methodologies in classroom settings to uphold the Institutional Standard.
- The School provides sufficient room for students to exhibit their Leadership qualities and function effectively as Nurse Educators and Managers.
- The Institute offers semester education system for B.Sc. Nursing Course.
- Completion of the courses within stipulated time.

- The institution has 100 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 2019.

#### MoUs

- · Mental hospital, Gwalior
- J A Group of Hospital, Gwalior
- · Ramakrishna Mission Hospital, Mathura
- Kalyan Hospital, Gwalior
- Grover Hospital, Morar, Gwalior
- CHC, Dabra
- Dist. Hospital. Morena
- PHC, Thatipur, Gwalior
- · PHC, Antari, Gwalior
- Parivar Hospital, Gwalior

### CAREER OPTIONS & PLACEMENT OPPORTUNITIES

#### **Clinical Areas:**

Independent Nurses Practice • Certified Nurse
Midwife • Certified Paediatric Nurse • Acute Care
Nurse Practitioner • Advanced Nurse Practitioner

- Nurse Administrator Nurse Anesthetist Nurse Practitioner • Staff Nurse • Entrepreneur • Military Nursing • Nursing Informatics • Nurse Researcher
- Cardiac Rehabilitation Nurse Occupational Health Nurse • Aerospace Nurse • Forensic Nurse
- Nurse Epidemiologist Tele Nurse School Health Nurse • Nurse Advocate

#### **EDUCATION**

Clinical Nurse Educator • Staff Development
Officer • Classroom and Clinical teacher • Nurse
Researcher • Nurse Educator • Nurse Director •
Nurse Editor • Nurse Counsellor • Nurse Manager

#### **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 • The UK-London. • Middle East Countries • The 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
- Advanced Skills Lab

#### **RESEARCH AREAS**

Faculty members are working in the following research areas :

- Chinese Yoga for the patients of diabetes mellitus
- Perimenopausal syndrome among school teachers
- Oral health hazard among village people
- Planned teaching programme for Dymenorrehea among girls
- Pain management among cancer patients
- PTP for K M C
- Exploratory Research to Identify Risk factors of CAD among students
- Structured teaching programme on Breast Self-Examination for female students
- Internet addiction among College Students

# **OPTOMETRY**

Optometry is branch of health science which deals with various services related to visual functioning. Optometrist are specially skilled and educated for examining, managing and treating refractive errors and eye related impairment.





"The function of education is to teach one to think intensively and to think critically. Intelligence plus character that is the goal of true education."

- Martin Luther King, Jr.

Optometry is an independent primary health care profession which provides specialization in eye care and visual health. Independent practices such as clinics with specialty like contact lens, low vision care, orthoptics, dispensing & lens manufacturing etc. formed with this education.

#### PROGRAMME OFFERED

B.Sc Optometry (Bachelor of Optometry)

It is a four year undergraduate degree with the course content to be completed in 8 semesters including one year clinical internship.

**Eligibility:** 10+2 (PCM / PCB) minimum 50% aggregate marks.

Passed Diploma in Ophthalmic Technology (Lateral entry to second year).

#### MoUs

- · DK Eye Hospital, Gwalior, MP
- Ratan Jyoti Nethralaya, Gwalior, MP
- · Advance Eye Hospital and Institute, Mumbai
- Venu Eye Institute & Research Centre, Delhi
- Dr.P.C.Sharma Eye Hospital, Ambala, Haryana
- Suanaya Eye Care & Lasik, Gwalior, MP

#### **RESOURCES**

- Well equipped laboratories
  - · Refraction lab
  - Computer lab
  - Contact Lens lab
  - Low Vision Aids lab
  - Nutrition lab
  - Anatomy lab
- · Class room with LCD projector
- Seminar hall (Air Conditioned) for developing presentation skills & debates

#### **CO-CURRICULAR ACTIVITIES**

- Journal club
- Symposiums/Seminars, Workshops in relevant areas
- Millennium Lecture series



#### **UNIQUENESS**

- Recently updated curriculum and course structure
- · Comprehensive Eye Care clinic
- Emphasis on research
- Activity based learning system.
- Grade system used to minimise the stress level among the students
- Conducting vision screening and awareness camps

#### RESEARCH AREA

- Myopia control strategy
- · Soft contact lens material and comfortability
- Computer Vision Syndrome
- Retinal shape difference in African and Asian Young adult population.

#### **CARRIER OPPORTUNITIES**

- Independent eye care clinics with optical outlet
- Career in multinational companies dealing with dispensing of spectales, contact lens etc.
- · Career in eye institution and hospitals
- Academics and research
- Excellent job opportunities in India and abroad



# ITM HOSPITAL & RESEARCH CENTRE

ITM Hospital & Research Centre is a well known hospital at Sithouli Gwalior region with 100 bedded hospital under Samata Lok Sansthan Trust.





"Education is the passport to the future, for tomorrow belongs to those who prepare for it today."

- Malcolm X

Its vision is to offer the best patient come and equipped with technology advanced health care facilities. The hospital is fully equipped with all advanced facilities like E C G, X Ray, I C U , O T and neaonatal I C U etc. A team of well trained medical staff, non-medical staff and experienced clinical technician work round the clock to offer various health services.

A team of doctors on board including specialists are equipped with the knowledge and expertise for handling various types of medical cases.

#### The hospital provides:

- 24 hours emergency & O.P.D. services like Medical, Surgical, Obst & gynae, Ophthalmology, Paediatric etc.
- Day care admission facilities with maternity care, new born baby care, vaccicnation facilities, well equipped labour room, pathological investigation, consultation service of specialised doctors.
- The Hospital provides community services like door to door primary health care, health awareness programs & health check up camps.
- The hospital also have a comprehensive eye care clinic, deals by optometrist by providing refractive error correction, Orthoptic evaluation, contact lenses and low vision aids trial etc.







# **ARCHITECTURE**

The School of Architecture & Design was established in the year 2012 with the approval of Council of Architecture, New Delhi under the Architect's Act 1972. In keeping with the vision of the University, the School of Architecture & Design aims

- To emerge as a prominent seat of knowledge in the field of architecture and allied fields
- To provide the students a sound foundation to explore wide avenues in the field of architecture, built environment and design





"In the big picture, architecture is the art and science of making sure that our cities and buildings fit with the way we want to live our lives."

- Bjarke Ingels

The School commenced in 2012 follows an academic pedagogy of inculcating professional knowledge and skills with research oriented design thinking. It has full-fledged infrastructure with state-of-theart studios, Art & Model room, advanced Climatology lab, Computer room, lecture rooms & seminar hall in the LDV Block besides the sports and other facilities on the University campus. The SoA has outstanding support from practicing Architects and academicians.

The school lays emphasis on providing exposure to the students by designing study tours, site visits, organizing guest lectures and workshops as an integral part of its academic curriculum. The studio-based interaction is the mainstay of the course. The SoA actively supports and organises student activities such as NASA conventions and student competitions.

#### **PROGRAMME OFFERED**

B.Arch. (Bachelor of Architecture)

It is a five year undergraduate degree with the course content to be completed in 10 semesters including one semester exclusively oriented towards professional training.

**Eligibility:** 10+2 (with minimum 50% in Physics, Chemistry and Mathematics) and minimum 50% aggregate marks + valid NATA/JEE score OR 10+3 Diploma (with Mathematics) and minimum 50% aggregate marks + valid NATA/JEE score

#### **UNIQUENESS**

- A state-of-the- art campus surrounded by lush green landscape, sculptures and contemporary buildings to accommodate the School of Architecture and Design.
- Different schools of learning are located in the same campus to facilitate the sharing of intellectual resources. The campus plays host to high profile public events, including a wealth of exhibitions, lectures, symposia, seminars, conversations, research clusters and visits.

- Students coming from all over India establish a broad exposure to architectural thought across multi-cultural traditions.
- Against the backdrop of a historic and cultural city like Gwalior and proximity to New Delhi.
   The school provides a blend of rural and urban environment for architectural studies.

#### MoUs

- Autodesk
- CETPA
- One Planet Research
- TPC Global

### CAREER OPTIONS & PLACEMENT OPPORTUNITIES

- With advanced skill in the field of architecture, the students are equipped to handle construction projects, urban design, town planning, landscape architecture, conservation architecture, transport planning etc. with avenues in corporate and mid level design consultancy firms in addition to own practice.
- Graduates of the school will have ample opportunities of placement in several government departments like - Town Planning Organizations, Airport Authority of India, MRTS, and in academics.

#### **INFRASTRUCTURAL RESOURCES**

- Studios
- · Lecture Theater / Seminar Hall
- Audio-Visual Room
- Model Making Room
- Material Museum
- Art and 3Droom
- Survey Lab
- Architectural Workshop
- Computer Lab
- Students' Activity Room
- Girls' Common Room
- Library
- Climatology Room
- Stationery Shop

### AUGMENTATION OPPORTUNITIES AVAILABLE IN THE DEPARTMENT

The B.Arch program has a semester of professional training in an architect's office as designed in its scheme. Apart from it, The School will facilitates training avenues for students with practicing architects' offices in India and abroad during vacations. Our School is training students with the advanced software used by architects in contemporary time to compete within industry.

#### STUDENTS' ACHIEVEMENTS

- Hosted a successful Zonal NASA in Oct 2017
- Hosted DNXT 2 day design event in Feb 2017
- Students win overall 1st prize in Zonal NASA at Jaipur
- Student participation in 57<sup>th</sup>, 58<sup>th</sup>, 59<sup>th</sup> & 60<sup>th</sup> NASA at Chennai, Surat, Jaipur and Kerala.
- Participation in Art Meet 2014, 2015, 2017 at ITM University

#### STUDENTS' ACTIVITIES

- Foundation day celebrations A annual event.
- Design Fest
- Regular study tours incorporated with the course curriculum
- Annual thesis exhibition and design awards
- participation in seminars, conferences and student conventions like NASA
- University level sport and extracurricular activities on campus

#### **RESEARCH AREAS**

- Environment and Ecology,
- Urban & Rural Planning,
- Urban design & Conservation Management,
- Human Settlements







# **SCIENCES**

### LIFE SCIENCES AND PHYSICAL SCIENCES

The School of Sciences focus on imparting good quality theoretical and practical education in four scientific disciplines, namely, Life Sciences, Mathematics, Physics, Chemistry and Environmental Science. The main emphasis of the school is to offer courses and training that is relevant to current challenges and issues in science which are 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 sciences and an integrated scientific perspective.





"Knowledge is power. Information is liberating. Education is the premise of progress, in every society, in every family." - Kofi Annan 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.

### **LIFE SCIENCES**

#### **PROGRAMMES OFFERED**

- . B.Sc. (Hons.) Biotechnology
- B.Sc. (Hons.) Microbiology
- B.Sc. (Hons.) Food Technology
- B.Sc. (Hons.) Biomedical Sciences\*
- M.Sc. Biotechnology
- M.Sc. Microbiology
- M.Sc. Food Technology
- . M.Sc. Medical Biotechnology\*
- Ph.D. in Biotechnology, Microbiology
   \* Under approval

#### **COLLABORATIONS**

### Collaborations for research and training with renowned organizations like

DRDE Gwalior, CIAE Bhopal (Central Institute of Agricultural Engineering). IGIB, New Delhi, IARI, NDRI, IGFRI, NRCAF, BARC, CIMAP, Cadbury, Pepsico, Claris Pharma, Novartis, Dabur, Morepan, and Ranbaxy etc.

### CAREER OPTIONS AND PLACEMENT OPPORTUNITIES

Biotech, Pharma companies and various Research Institutes like: TUV Sud South Asia Pvt. Ltd., Gebbs Health Care Mumbai, Macleods Pharmaceutical Company Sikkim WIPRO-VISTA, Panacea biotech SRF, Coca-Cola, Parle, Britannia, Reliance Life Sciences, Nestle, Advance Enzymes, XL Health, Zydus, Novartis, Medicaps Pharma, 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.

As a part of the curriculum students undergo project training in institute of repute viz. DRDE Gwalior, NII New Delhi, CCMB Hyderabad, CIAE-Bhopal, IIPR Kanpur etc.

#### **LABORATORY FACILITIES**

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

- Plant tissue culture and Biochemistry Lab
- Microbiology and Immunology Lab
- Bioinformatics Lab
- Biotechnology Lab
- Food Technology Lab
- Botany/Zoology Lab
- Chemistry Lab

#### **EQUIPMENT**

- UV-Vis spectrophotometer
- Cooling Centrifuge
- Electrophoresis assembly (Horizontal & Vertical)
- · Orbital shaker
- Transilluminator
- Laminar air flow
- Deep freezer (-200 C)
- DNA Thermo cycler (PCR)
- BOD incubator
- ELISA Reader
- Trinocular Photography research microscope

### EQUIPMENTS OF CIF (CENTRAL INSTRUMENTATION FACILITY)

- Fourier Transform Infrared spectro photometer (FTIR).
- Fluorescence spectro photometer.
- High performance liquid chromatographic (HPLC)
- UV visible Spectro photometer.

#### **RESEARCH AREAS**

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

 Biotechnology: Alcohol Production from waste, Herbal product formation, Probiotics,

- Nanotechnology
- Microbiology: Biofilm formation, Bacterial degradation of industrial waste, Petroleum products, Natural pigment production from microorganisms, Bioremediation
- Environmental Science: Occupational health and environmental Monitoring, Biofertilizers and Biopesticides

#### P.C. RAY CENTRE FOR RESEARCH

To spearhead outstanding and quality research, ITM University has established P.C. Ray center for research. The P.C. Ray Centre has been established with following objectives.

- 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.
- To Interact with industries, research laboratories, and develop international collaboration to generate new vistas of knowledge.

#### **ANIMAL HOUSE FACILITY**

The department has developed an animal house facility and constituted an Institutional Animal Ethical Committee (IAEC) with due approval from CPCSEA.

#### **RESEARCH PROJECTS**

The Department of Life Sciences has research projects from different funding agencies.

- Madhya Pradesh Council of Science & Technology (MPCST), Bhopal.
- Department of Science & Technology (DST), New Delhi.
- Indian council of medical research (ICMR), New Delhi.

#### **CO-CURRICULAR ACTIVITIES**

- International conference "Technology Innovation and Management for Sustainable Development" (TIMS) is being organized annually.
- National conference.

- Symposiums/Seminars, Workshops in relevant areas
- Millennium Lecture series

#### STUDENTS ACHIEVEMENTS

After award of the degree, the students qualify various eligibility examinations like National Eligibility Test (NET) conducted by CSIR (Council of Scientific & Industrial Research), ICAR (Indian Council for Agricultural Research so as to be eligible for lecturership in research.

#### **UNIQUENESS**

- Curriculum offers opportunity to acquire a deep conceptual understanding of the subjects.
- Project Based Learning (PBL) allows students to perform under due guidance of faculty on various fields like plant tissue culture, Bioinformatics, herbal formulations etc.
- Bringing theoretical knowledge of classrooms with practical skills development through workshops, training, project work etc.
- With emphasis on cutting edge 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 faculties with strong alignment for research and development.
- Continuous augmentation and training for the development of soft skills of the students.
- Well equipped laboratories with advanced central instrumentation facilities.



### **PHYSICAL SCIENCES**

The Physical Sciences offer various degree and certificate courses in Physics, Chemistry and Mathematics discipline. Highly experienced faculty members are always ready to discuss academic problem, career opportunities and even philosophy. The school having many collaborative research programmes in association with National/International Institutions and funding agencies.





"Education is the key to unlock the golden door of freedom." - George Washington

#### DEPARTMENT OF CHEMISTRY

The Department of Chemistry offers postgraduate programs, which are sufficiently flexible in its electives to provide excellent preparation for careers in many different areas of chemistry. The 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 students to obtain 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.

#### **PROGRAMMES OFFERED**

- M.Sc. Petroleum Technology
- M.Sc. 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 workstations 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 to important journals is available online and offline.

#### **CARRIER OPPORTUNITIES**

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
- Metal 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
- Nanomaterial Synthesis
- Environmental Chemistry
- Material Chemistry
- Waste water analysis and treatment
- Environment monitoring

#### RESEARCH PROJECTS

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.

#### **CO-CURRICULAR ACTIVITIES**

- Recent Advances in Chemical and Environmental Sciences (RACE) is being organized annually.
- Symposiums/Seminars, Workshops in relevant areas

#### **DEPARTMENT OF MATHEMATICS**

Mathematics is an essential tool for nearly all scientific studies. Scientists use it in designing experiments, analyzing data, expressing precisely their findings by mathematical formulas, and making predictions on the basis of these findings. Physical Sciences such 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 cover a broad spectrum of fields ranging from the traditional areas of pure Mathematics to Applied Mathematics.

Physical Sciences offer two undergraduate degrees: a Bachelor of Science in Physics, Chemistry and Mathematics and a Bachelor of Science in Physics, 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.

#### **PROGRAMMES OFFERED**

- B.Sc. (PCM)/ B. Sc. (CS)
- M.Sc. (Mathematics)
- · Ph.D. (Mathematics)

#### **Certificate Course Offered**

Elementary Number Theory

#### **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.

#### **RESEARCH AREAS**

- Mathematical Biology
- Mathematical Modelling
- Fractional Calculus
- Number theory and Cryphtography
- Operational Research
- Non-Linear Singular Boundary Value Problem
- Special Functions
- Bio-informatics
- Fuzzy Set and Systems
- Fixed Point Theory
- Multi Criteria Decision Making Problems

#### **FACILITIES**

Department has a Mathematics Lab equipped with various softwares.

#### **DEPARTMENT OF PHYSICS**

The foundation of Physics rests 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.

#### **PROGRAMMES OFFERED**

- M.Sc. Physics with specialization in Nano Science, Material Science etc.
- Ph.D. (Physics)
- Certificate Course in Nano Science and Nano Technology

#### **INFRASTRUCTURAL RESOURCES**

Nano Research lab: Department is having well equipped lab for synthesis and characterisations of nano materials with following methods

- CVD Systems
- CBD systems
- Spin coater
- Microwave

- Sol-Gel
- Hydrothermal Auto Clave reactor

#### **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

#### **COLLABORATIONS**

**Internationals:** Department has collaborations with the following institutions/ departments of different countries

- (i) School of materials science, Manchester University, U K
- (ii) Indonesia Institute of science Jakarta (Indonesia)

(iii) DRI, Ministry of education, Yangon (Myanmar)

#### National:

- (i) U G C DAE Consortium for scientific research Indore
- (ii) IUAC, New Delhi
- (iii) Gurukula -Kangri Vishwavidyalaya Haridwar

#### Research funding by Govt. organisations

- (i) Department has been funded by AICTE/ MPCST/DST for various research projects on Nano particles synthesis and characterisation
- (ii) Recently a trilateral Project under ASEAN India Collaborative Programme has been funded.
   Collaborative countries are India, Indonesia and Myanmar

#### **CARRIER OPPORTUNITIES**

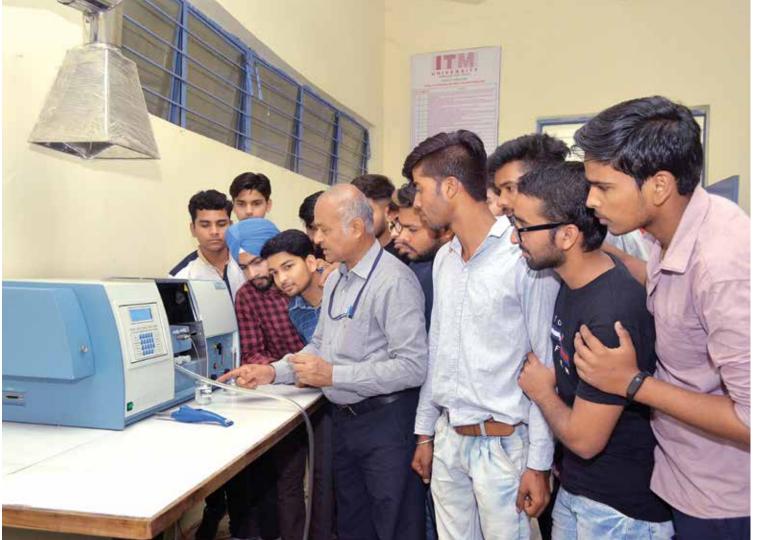
- Scientist in Research Organizations like DRDO, BARC, ISRO etc.
- IT field like Infosys, Wipro, TCS.
- Automobile Industry.
- Electronics/semiconductor industry
- Aerospace industries
- Biotechnology /Forensics
- Environmental monitoring, control, and remediation
- University teaching and lab research





# **AGRICULTURE**

Agriculture has important role in driving national economy as 50% of the work force is employed in 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.







Nisha Niranjan & Vikash Pataiya Student of B.Sc. Agriculture, succesfully grown the Medicial Mushroom *(Cordyceps militaris)*, for 100% Export, First in India.

"The ultimate measure of a man is not where he stands in moments of comfort, but where he stands at times of challenge and controversy."

- Martin Luther King, Jr.

Agriculture is the main source of livelihood for over 80% of the rural people in India. Although it employs about 50% of the labour force, it contributes to only 16% of GDP and 12% of total exports. Rural women, who constitute 47% 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.

The school lays emphasis on providing exposure to the students by designing study tours, site visits, organizing guest lectures and workshops as an integral part of its academic curriculum. The studio-based interaction is the mainstay of the course. The School of Agriculture actively supports and organises student activities such as NASA conventions and student competitions.

#### **PROGRAMMES OFFERED**

- B.Sc. (Honours) Agriculture
- M.Sc. (Ag.) Agronomy
- M.Sc. (Ag.) Horticulture
- · M.Sc. (Ag.) Genetics & Plant Breeding
- M.Sc. (Ag.) Soil Science & Agril. Chemistry
- MBA Agribusiness
- Ph.D.
- Diploma courses
  - Organic Farming
  - Hi-tech Agriculture
  - Seed Production Technology

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 V Deans' Committee Recommendation of Indian Council of Agricultural Research (ICAR), New Delhi. The courses of personality development and professional capabilities 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 277.49 million tones as per 2nd advance estimate in 2017-18 is remarkable achievement unparallel in the history of world agriculture. Similar enhancement in production of Milk (9.5 times) Fish (12.40 times) Oilseeds and Fruit & Vegetables (9.5 times) 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 a 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 Madhva Pradesh. Initially Graduation (B.Sc. (Ag.) / B.Sc. (Ag.) Hons.), Post graduation (M.Sc. (Ag.) in Agronomy and Horticulture) and Ph.D. courses were started with total intake of 231 students in B.Sc. (Aq.) / B.Sc. (Aq.) Hons. and 27 students in Agronomy and 12 Students in Horticulture. At present the total strength of School of Agriculture is 828.

### CAREER OPTIONS & 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 & Agril. Chemistry, Agronomy, Horticulture, Genetics & Plant Breeding, Plant Protection, Agricultural Economics, Agricultural Extension, Agro-forestory and Basic Sciences etc. The school is trying at it's level best to develop the skill oriented sets of teaching, research and extension as per specific needs of the students and farming community of M.P.
- Augmented Opportunities available in the department: MoUs with M.S. Swaminathan Research Foundation, Chennai is already done and MoUs with Indian Grassland and Fodder Research Institute, Jhansi, Regional Potato Research Station, Gwalior and Central Institute of Sub-tropical Horticulture are under process.

- Diploma courses of one year are also offered for entrepreneurship development of rural youth.
- Training offered: For the entrepreneurship development of Rural Youth in Organic Farming, Hi-tech Agriculture, Seed Production Technology, Nursery Raising and Management of Horticulture Crops are already in progress.

#### **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, Integrated Weed Management, Protected cultivation of Horticultural and Vegetable Crops, Integrated farming system.

#### RESOURCES OF THE DEPARTMENT

Experienced Faculty in the field of Soil Science, Agronomy, Plant Pathology, Entomology, Horticulture, Genetics & Plant Breeding, Agricultural Engineering, Agricultural Economics, Agricultural Extension, Agricultural Biochemistry, Plant Physiology, Entomology and other Basic Sciences are already available with the School of Agriculture.

#### **INFRASTRUCTURAL RESOURCES**

School of Agriculture is situated at present in Sithouli Campus, running in VSB Block along with basic amenities such as 50 hectare Instructional Farm, Laboratory, facilities for Library, Sports and Recreation for all-round personality development of the students.



## **ARTS & DESIGN**

### **FASHION, INTERIOR**

The aim of our design courses is more than professional mastery. Our students explore the creative aspects of design with a balance of technological and theoretical approaches, using the latest equipment and technology. All our faculty are practicing professionals and highly competent in their field and either have their own labels, work in their own businesses or work with leading designers as well as experienced faculty.





"We are what we repeatedly do. Excellence, therefore, is not an act but a habit."

- Aristotle

Students are taught by the faculty who are at the top of their profession enabling you to gain inside information and contacts within the design industry. Fee is kept to an affordable level and courses are planned to assist you to progress from one stage to another so that you can go at your own pace and achieve success amidst stiff competition in the fashion & design industry.

#### **PROGRAMMES OFFERED**

- B. Sc. Fashion Design
- B. Sc. Interior Design
- M. Des. Fashion Design
- M. Des. Interior Design
- · Diploma Fashion Design
- Diploma Interior Design

#### **UNIQUENESS**

The school utilizes a semester based academic calendar. It focuses on art and design education, it has also strengthened the program with an increased relevance to design industry and with a mission to create a global identity in design. The School of Art and Design offers a truly unique career oriented and reality based design program taught by industry professionals. The program teaches students how to develop their own unique vision

#### MoUs

Fashion: DreamUny • TPCGlobal Interior: Autodesk • TPC Global

#### UNIQUE STRUCTURE OF COURSE AND SKILLS

STUDIO - Studies, practice, and experiences in studio subjects are of prime importance in the preparation of students for professional careers in art and design. The excellence of the creative work produced by students is the best determinant of the adequacy of the studio studies offered by an institution. Creative work includes, but is not limited to conceptualization, process, product, and critique.

Irrespective of major or specialization, students:

- Gain functional competence with principles of visual organization, including the ability to work with visual elements in two and three dimensions; color theory and its applications and drawing.
- Present work that demonstrates perceptual acuity, conceptual understanding, and technical facility at a professional entry level in their chosen field(s).
- Become familiar with the historical achievements, current major issues, processes, and directions of their field(s).
- Be afforded opportunities to exhibit their work and to experience and participate in critiques and discussions of their work and the work of others.

Studio work normally begins at the freshman level and extends with progressively greater intensity throughout the B. Sc. degree program.

ART/DESIGN - History, Theory, and Criticism.
Through comprehensive courses in the history of art/design, students:

- Learn to analyze works of art/design perceptively and to evaluate them critically.
- Develop an understanding of the common elements and vocabulary of art/design and of the interaction of these elements, and be able to employ this knowledge in analysis.
- Acquire the ability to place works of art/design in historical, cultural, and stylistic contexts. In certain areas of specialization, it is advisable to require that students study the historical development of works within the specialization. Normally, studies in art and design history and analysis occupy at least 10% of the total curriculum.

**TECHNOLOGY** - Students must acquire a working knowledge of technologies and equipment applicable to their area(s) of specialization.

**SYNTHESIS** - While synthesis is a lifetime process, by the end of undergraduate studies students are able to work independently on a variety of art and/ or design problems by combining, as appropriate to the issue, their capabilities in studio, analysis, history, and technology.





### **ARTS & DESIGN - FASHION, INTERIOR**





"Try not to become a man of success but a man of value."

- Einstein

### AUGMENTATION OPPORTUNITIES AVAILABLE IN THE DEPARTMENT

#### **Trainings Offered**

Technical-workshops, material and tools handling, Cad. **Soft Skills-** 1. Foreign Language, English, Soft Skills, Manners & Etiquette

#### Seminars, development of models and methods

- Work on the development of theoretical models and an educational method was done during the whole projects.
- Seminars Suggestion and results from the project were presented and discussed at the regular design workshop at our school continuously during the project.

#### Workshop on interaction design aesthetics

 Workshop on design teaching-as a part of the project work we organize workshops on design teaching in discussing general issues in design teaching. Workshops on design teaching are not that common and we feel that the projects give us opportunity to open up for a new type of discussion and cooperation between design schools with fashion and interior on their program.

#### **CAREER OPTIONS**

Fashion Design: As far as opportunities are concerned, the graduates have many options to select their field according to their area of interest and capability. After completing their course, they can get placement in some reputed apparel manufacturing industries as a Merchandiser, Fashion Journalist, Fashion Designer, Fashion Co-ordinator, Sampling Coordinator, Design Co-ordinator, Head Designer in Export House, Fashion Consultant, Illustrator, Faculty in Fashion design Institute, Entrepreneur of Garment Business, Fashion Choreographer, Fashion Stylist, Freelance Designer, and Project Designer in Govt. Organization.

Interior Design: Interior Designer, Furniture
Designer, Exhibition Designer, Project Consultant,
Landscape Designer, Display Artist, Design
Consultant, Faculty in Interior Design Institutes,
Commercial Complex Designer, Set Designer,
Home Furnishing Designer, Tourist Resort Designer
and other various opportunities are there as per
professional skills of the students.

#### **OPPORTUNITIES**

Students engaged in professional undergraduate degrees in art/design get opportunities to:

- Internship Fashion Design in Indira Export Indore and in Interior Design Local Interior Designers and Architects.
- Gain a basic understanding of the nature of professional work in their major field. Examples are: organizational structures and working patterns; artistic, intellectual, economic, technological, and political contexts; and development potential.
- Develop teaching skills, particularly related to their major area of study.
- Explore areas of individual interest related to art/design in general or to the major. Among the many possible examples are aesthetics, theory, specialized topics in art/design history, analysis, and technology.
- Practice synthesis of a broad range of art/ design knowledge and skills, particularly through learning activities that involves a minimum of faculty guidance, with emphasis on evaluation at completion.

#### STUDENTS ACHIEVEMENT

- Students won 1st prize in Inter College Fashion Show in IPS College of Technology & Management Gwalior.
- Student of Interior Design won the title of Miss Globe India 2019.
- Student won 2nd prize in Inter University Sports Event in World University of Design, Delhi NCR 2018.
- Students won 3rd prize in Inter University Fashion show in World University of Design, Delhi NCR 2018.

#### STUDENT ACTIVITIES

- Interior Exhibition (Expression)
- Graduation project (Grado Fiesta Fashion Show)
- Chanderi educational trip for Fabric Weaving Knowledge 2018
- Delhi educational trip to visit Fabric and Printing Industry 2019
- Delhi educational trip for Site visit and Market Survey 2019





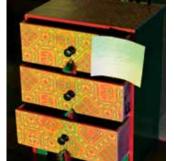














# PHYSICAL EDUCATION

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 other skills required for gaining understanding of physical activities leading to a well balanced personality The Physical Education & Sports Science is one of the fast emerging academic disciplines in our educational stream.





"We are what we repeatedly do. Excellence, therefore, is not an act but a habit."

- Aristotle

The School of Sports Education (SOSE) 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 attitudes. The mission of the School is also to excel in research and become the leader in Physical Education and Sports.

#### **PROGRAMMES OFFERED**

- B.P.E.S (Health and Physical Education)
- B.P.Ed. (Bachelors of Physical Education)
- M.P.E.S (Masters of Physical Education and Sports)
- PGDYED (Post Graduate Diploma in Yoga Education)
- PGDSJ (Ports Graduate Diploma in Sports Journalism)

#### UNIQUENESS

- Sports Scholarship/Free ships/Merit Scholarship.
- International collaboration with various Association and Federations.
- Direct Participation in West Zone and All India Intervarsity Competitions.
- Job opportunities through campus interview.
- Professional Clubs of various 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.

#### **ACHIEVEMENTS**

ITM University Gwalior has achieved many national and international landmarks in various sports and

games, Ishika Choudhary, an ITM University student has represented India in the Youth Olympics held at Argentina and the team won a Silver Medal, Our university women's hockey team, floorball (men and women) team has won the gold medal in the AIU competitions and silver medal in roll ball (men and women). Two of our students Abhishek Bhandari and Ravi Sikarwar were selected to represent West Zone University in the VIZZY Trophy Cricket Tournament organized by BCCI. Our student Simran Narang won the bronze medal in the AIU Fencing Competition and has been selected to represent Indian University Team in the World University Games. Rani Rana another student won the Bronze medal in the AIU Wrestling Competition 2018-19. The university floorball team men has won the Senior National and Federation Cup 2018-19.

#### **CAREER OPTIONS**

The aim of physical education is to develop students' physical fitness and gain knowledge of movement and safety, and to be able to use these to perform in a wide range of activities associated with the development of an active and healthy lifestyle. All the degrees offered are well acknowledged and highly respected and lead to a variety of careers.

The degrees are oriented towards developing the characteristics of teamwork and help individuals to develop important interpersonal and communication skills, with stress on critical thinking. Various job opportunities are available for sports and physical education professionals. Career opportunities in the area of Physical Education and sports are:

- Physical Education Teacher/Asst Professor in schools, institutions and universities worldwide
- Coach for clubs/teams
- Sports Manager, Sports Journalist, Spa/ Fitness managers
- Sports rehabilitator, Health care and Sports clubbing
- Physical Instructor for children and geriatric fitness
- Adapted physical education teacher

#### PHYSICAL EDUCATION

#### **RESOURCES**

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

#### **RESEARCH AREAS**

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



Abhishek Bhandari Student of B.P.Ed., Participated in BCCI Vizzy Trophy 2019 at ITM University Cricket Ground



# **EDUCATION**

"The end-product of education should be a free creative man, who can battle against historical circumstances and adversities on nature."

Dr. Radhakrishnan Sarvapalli





"A teacher is a compass that activates the magnets of curiosity, knowledge, and wisdom in the pupils."

- Ever Garrison

School of Education is committed to improve the quality of Teacher's Education and to prepare future competent Teachers to cater the national and professional needs to elementary and secondary education system, enabling them to contribute maximum from their educational experiences.

#### PROGRAMMES OFFERED

- Bachelor of Education (B.ED)
- B.Sc.B.Ed. (Integrated Course)
- B.A.B.Ed. (Integrated Course)

"A teacher is a compass that activates the magnets of curiosity, knowledge and wisdom in the pupils."

- Ever Garrison We aspire to be a leading Institution in the country offering quality teacher education to enlighten, emancipate and empower the student-teacher fraternity and to foster lifelong learning. A great teacher should have incredible knowledge and enthusiasm for the subject matter they are teaching. We impart remarkable education through different innovative techniques in classroom with the help of Lectures, Demonstrations, PPT (power point presentations) and Well-equipped Workshops to provide our students a wide vision and comprehension.

#### **INNOVATIVE TRENDS IN EDUCATION**

In our dynamic Education system, the technologies of tomorrow are already being used in our school classrooms today. We instruct our students for future ready trends and innovation of technology by providing information of Audio-Visual Aids, Computer assisted programs, Language Laboratory, Psychological tests labs and Science Laboratory practices.

#### PROFESSIONAL EFFICIENCY

It is the most important skill of doing accurate things according to diverse situations. We endow our students with the best exposure by Authentic

Internship and Teaching Practice in the best schools of Gwalior to build up these valuable qualities. Focusing on Communication skills as the essential skill that you need to succeed in the . School of education bestow students with diverse opportunities of growing expertise, Classroom Presentations, Extempore, Mock conversations, Group Discussions, Role-Play and Debate.

#### **TEACHING METHODOLOGY**

An integrated teaching program covering both the theoretical & practical aspects effected by way of

- Lectures cum Demonstrations
- Explanations & Narrations
- · Work-shops / Seminars
- Role-plays
- Teaching
- Group Discussions
- Project Method
- Collaborative & cooperative method
- Assignment & Home work
- Power point Presentations
- Field Trips

#### **INFRASTRUCTURAL & LEARNING RESOURCES**

There is a well stocked library with latest books, Journals, Encyclopedias, e-library, Reference manuals and current affairs magazines. Psychology Lab, Science Lab, ICT Lab and Language Labs with latest techniques and instruments. Also the music room is equipped with Indian and Western musical instruments like Dholak, Tabla, Harmonium, Tanpura, Bongo, Flute, Guiter, Casio etc.





### **HUMANITIES**

Our humanness is naturally given, but "humanity" is acquired by every human being by the processes of cultural and political socialisations. The academic disciplines placed under the rubric of 'humanities' in the university system are the ones which focus systematically on these processes and help an individual to realise her/his human potential.





Our doubts are traitors, and make us lose the good we oft might win, by fearing to attempt.

- William Shakespeare

ITM University Gwalior has been a very proactive & renowned hub of cultural activities in India including fine arts, contemporary (monumental) sculptures, Indian classical music & dance, fusion & rock music, literature, poetry, the atre, films etc.

ITMU has been getting demands from various sections of society to utilise its huge pool of widely recognized & eminent talent of performing artists to train students in fine, creative & performing arts. Among all Indian Universities & Institutions, ITMU is already the largest collector of paintings & sculptures. It regularly organises workshops, symposiums & camps of renowned artists for its own permanent collection.

We are establishing Dept. of Fine Arts & Performing Arts etc. under the larger umbrella of School of Humanities. SOH will also ensure studies & research in History, Politics, Economics, Linguistics, etc. These specilised subjects will be taught in a well-defined yet in a liberal learning environment with singular focus to germinate creativity and innovative spirit among the students. Diploma, UG & PG level courses are being planned. Workshops of eminent scholars & experienced faculty members are in the offing to decide curriculum & other schemes of studies, exams etc. and shall be complete in this year.

Keeping this in view, the School, to begin with, will offer courses in the following streams apart from offering limited credit inputs to willing students of any programme (course)

# POST-GRADUATE AND SHORT-TERM DIPLOMA COURSES IN INDIAN CIVILISATION, CULTURE AND LITERATURE.

#### It will consist of core courses dealing with:

- Outline of Indian History.
- · Religious and cultural traditions of India.

- The Evolution of the 'Idea of India' through Indian history.
- Colonisation and its impact.
- Ancient, early modern and contemporary ideas of statecraft.
- Introduction to literature of Sanskrit or Hindi.
- Indian Aesthetics with reference to performing arts and literature.
- India in 21st century : Issues and Prospects.

#### There will also be optional courses such as

- Introduction to Hinduism
- Introduction to Buddhism
- Culinary history and food culture
- Indian Cinema
- · Mass culture and Mass/Social media
- Crafts and fashion
- Trends in Journalism
- Science in India
- · India and Contemporary world
- Basic German Language Course

# UNDER-GRADUATE (CONCURRENT) COURSE AND SHORT-TERM DIPLOMA COURSES IN ETHICS, PHILOSOPHY AND LOGIC.

Under this stream, courses dealing with history of Indian and Western Philosophy; Logic and reasoning, Social and Cultural context of evolution of ethical ideas and their application to everyday, practical situations will be offered. These courses will not only give a general idea of the main trends and issues in the area, but also orient the students to face and resolve the moral dilemmas with an open and inquisitive mind and on the basis of the ethics of justice and inclusion.

The short term course on 'Mahabharata: lessons in leadership and conflict resolution' has already been successfully conducted. More such courses on other important texts will be offered shortly.

The School will also offer boost courses to sharpen the expression and articulation skills of the students. Dept. of Fine & Performing Arts will offer PG, Diploma and Masters courses in fine arts, sculpture, music, theatre etc. from the forthcoming academic year. It has also planned to take valuable inputs from the eminent artists of repute from all over the world.

The School will start courses at different levels on South Asia Studies, Ethics Philosophy & Logic, Literature & Language, apart from India studies, in due course.

#### **DEPARTMENT OF MASS COMMUNICATION**

Journalism and Mass Communication play a pivotal role in the contemporary 'Information society'. These are the effective means of creation of popular opinion which influences the course of national and international events. The young people looking for a career in this area need innovative training in, and perspective of ever widening horizons of mass communication.

The department will offer B.A. (Hons.) Journalism and Mass Communication with innovative training in emerging areas like Digital Journalism and with specialisations like Science, Sports, Performing Arts. There will be an emphasis on the socioeconomic structure of society and cultural heritage, so that the students go to the field well equipped to report and analyse every day developments.

The students will be given intensive training in video, photography and radio techniques.

They will also be sensitised to the idioms, local dialects, social and cultural context and the use of certain words/ language in certain situation. This will be achieved through systematic training of language use.





# **LAW**

The foundation stone of school of law, ITM University Gwalior was laid with a vision of establishing a premier institution to impart world class legal education and producing skillful legal practitioners, jurists, academicians and responsible citizenry.





"Our greatest glory consist not in never falling, but in rising every time we fall."

- Oliver Goldsmith

School of Law is an institution recognized by the UGC and Bar Council of India. It is established with the object of providing high quality education in the legal domain. ITM School of Law aspires to be recognized as a principal centre of excellence in law. The School of Legal Studies seeks to emphasize on the integration of enterprising initiatives and creative programmes in the curricular activity, transcending conventional academic orientation so as to inculcate within each of its student, a vibrant and more real outlook towards their life and career.

We have rich library with treatises of renowned authorities, up-to date case reports and latest online legal search engines offering vast learning experience and opportunity. At School of Law, we organize regular Court visits, Legal Aid cum Literacy Camp and guest lectures by dignitaries. These activities form essential part of its curriculum for better exposure of legal profession and mannerism.

Experienced and skilled faculties from premier institutions of India including National Law Universities having exposure to international learning cater the needs of law students in contemporary scenario, Inter-alia School of law endeavor to promote research and training programme.

#### PROGRAMMES OFFERED

- . B.A.LL.B. (Hons.) Integrated
- B.Com.LL.B. (Hons.) Integrated
- LL.B.
- LL.M. (Criminal Law)
- LL.M. (Constitutional Law)

#### **LAW AS A CAREER**

In India, Law has always been considered a noble and respectable profession. It opens the gate of diverse career opportunities such as Judge, Advocate, Bureaucrat, Law consultant, Legal analyst, Corporate Consultant etc. It nurtures the

thought process of students which helps them to excel in every walk of life and think holistically about the society you live in.

#### **UNIQUENESS AND CO-CURRICULAR ACTIVITIES**

- Internships under re-known advocates, law firms and other Organizations.
- Jus Quiz (National Level Quiz Competition) The School organizes national quiz competition named 'Jus Quiz' every year. This competition is organized on two different levels i.e. undergraduate and postgraduate level. More than 100 teams registered themselves for the Jus Quiz 2019.
- Legal Aid Camps- The Legal Aid Camps seeks to impart practical knowledge of law to students. The aim of organizing such camps is not only to bring future lawyers face to face with the harsh realities of law, but also by giving ourselves the opportunity to use and implement the law even before entering the professional world.)
- Guest Lectures- ITM University frequently organizes guest lectures, underlining the emphasis placed on the multi dimensional developments of the students. At ITM, Students also have the opportunity to participate in the School's extensive pro bono activities.)
- Legal Writing & Interpersonal Skill Development courses
- Conferences
- · Moot courts
- Debates
- Seminar
- Workshops
- Research Programme
- rioodaron rrogrammo
- · Elective programs which are Industry oriented

#### STUDENT ACHIEVEMENT

Ms. Shruti Rao, Student of 3rd Year B.A.LL.B., Runner up of Debate Competition, All India University Youth Festival 2019, Youth Affairs, AlU.





## **ALUMNUS 2016-17**

### **COMMENTS**

"ITMU with its learned faculties, high rise training programmes, technical as well as soft skill and various platform for extra curricular activities hereby led to my all round development and by giving a dream start to my career with iGATE."

> Sarmistha Baruah Placed in iGATE



Placed in iGATE



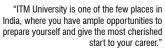
"The placement process was nice and interactive. I specially like the constant updates and notifications provided from iGATE. If Its possible, I would strongly recommend for another interactive session to be held by the company. Really waiting to get a response."

Sachin Chakraborty Placed in iGATE



"ITMU is one of the best known and established university in India. It gives us the best platform to learn, to grow, to shine. The infrastructure and the faculty of our university is outstanding the TAP Cell members are very helping and motivating. The whole ITM is like a family..."

Anshu Jaiswal Placed in iGATE



Somesh Sharma Placed in Bharti Airtel Limited



"ITM University is a place where I nurtured my personality & my knowledge, it is a home away from home."

> Shantanu Chaturvedi Placed in iGATE





Ruchi Bhadauria Placed in Safexpress B2C





"The entire selection procedure was very good. The boot camp conducted just before the campus was beneficial as well."

Praneet Bhattacharva Placed in Wipro



"It has a great atmosphere for studies, nice & friendly behaviour of staff, well trained faculties, nice platform for extra-curricular activities. ITM has one of the best infrastructure and academic programmes. It gives opportunity for all the students in making their future."

**Bharat Jagtap** Placed in iGATE



Shweta Khemani Placed in Career Mantra





"First of all thanks to ITM University for providing such a great opportunity for being placed is Wipro. It is my pleasure to work with wipro and I am sure I can build a successful career ahead with Wipro Limited."

Mohit Mishra Placed in Wipro





"The entire selection procedure was very fruitful and the boot camp conducted just before the campus recruitment was very helpful."

Md. Junaid Khan Placed in iGATE



"It was a great journey through out the four years in ITM. All the faculties were very helpful in every step. Thank you very much for encouraging me for being successful."

Manu Malhotra Placed in iGATE

"The years spent at ITM University were the best vears of my entire education. The teachers were very helpful at every stage. I am so grateful to God, that I had an opportunity to be there which happens to be one of the best decisions of my life."

Mritunjay Sharma Placed in Kent RO Systems Ltd.



"My journey to Wipro was an effort but due to support and encouragement from my parents and my faculties. It was a wonderful feeling and I am pleased to be here."

Shalini Kumari Placed in Wipro

"Hailing from a small town and starting my career in the city of Pune has been a long journey. It has been this effective grooming at ITM and structured training at Safeducate, which has made it possible."



"ITM campus is very nice and our University invites many companies so that each and every student get a chance to prove himself and lead a better future. We thank you all for being so co-operative and patient. Thanks for giving us a nice direction for our career."

Akanksha Khandkar Placed in iGATE

Mayank Srivastava Placed in Safexpress Pvt. Ltd.



"ITM has the best curriculum of Supply Chain & Logistics in collaboration with Safeducate in the country. ITM is providing MBA in industry specialized domain, which is unique amongst the B-Schools of India."

Afaque Ashraf Khan Placed in Safeducate Learning Pvt. Ltd.

"It was a great journey through out the four vears in ITM. All the faculties were very helpful in every step. Thanks you very much for encouraging me for being successful."

Ibhushree Biswas Placed in Wipro



"The TAP Cell of our University has been conducting training in a professional way to help the students get placed in companies. We are grateful to the members of the placement cell as they are very professional and co-operative."

Rupali Khalkho Placed in Wipro



"It had been a satisfying journey of two years with ITM University. The teaching fraternity and management is very pro- active. The curriculum is very relevant and has close industry linkages."

Ajay Kumar Tripathi Placed in Delhi International Cargo Terminal



"Extra curricular and co-curricular activities helped in personality development which help me a lot in campus interview a process. I am very thankful to all my leaders."







"ITM has groomed me in numerous ways. I got the opportunity to discover and enhance my potential at every step in this university. I owe my success to ITM. I am thankful to the TAP Cell for my placement. I am glad I found my way to the ITM family."

Ankita Jaiswal Placed in iGATE

### **ALUMNUS 2017-18 COMMENTS**

"ITM University provided me a platform to grow and develop myself and my personality. I am also thankful to our TAP cell faculties who were always present there for us."

Meenakshi Verma Placed in EPIC Research

"My journey with ITM is Fabulous.

and every student."



cheerful."

Abhishek Shome Bhowmik Placed in Trade India Research



"ITMU is a synonym for a place to grow.

Abhinay Kumar



"ITM has been an impressive journey worth to reminisce. The teachers and our faculty (Electrical) members has been undeniably very helpful, and guided us well throughout our graduation years. This place has given me time and consistency to work, both for my passion and studies. In the end, I cannot forget the friends and family I have made throughout the years. Life is a journey full of experiences, and 'it' was one of them. Thanks to ITM TAP Cell for well organized boot camp and placement

**Anupam Ghosh** Placed in Infosys

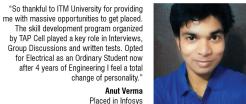


"Much more work needs to be done regarding placement for Civil Engineering in their field of work though overall scenario of Indian real estate business not very



Well enriched wi-fi campus filled with lots of energy and enthusiasm with vast infrastructure! It managed to call various recruitment drives of technical as well as non-technical companies. I thank TAP Cell for getting me opportunity by which I got placed."

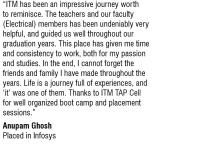
Placed in Infosvs



"Thanks ITM Management and TAP Cell for organising boot camps and technical training sessions throughout my engineering that has groomed my technical skills and personality traits as well...all thanks to hardworks of placement cell officers, there were too many opportunities provided to us that almost everyone is placed in my department...best wishes to my juniors, may ITM continue reach new milestones...Proud to be ITMite and I am celebrating my dreams."

Mohit Verma Placed in Eclerx









helping me in building my bright future."

"It was a great time I had spent in ITM University. Thanks to wonderful faculty, they always had been very cooperative and helpful. Placement cell continuously provided us training and assistance regarding the placement. ITMU has made the best efforts to provide all the facilities for the students like faculties, events, sports, etc. The days which I had spent in ITMU were the golden days of my life and will always remember them for rest of my life."

Neha Kumari Placed in Reflex Solution



"Four long year's of studies is well paid off with a selection in a good company with a good package. Very happy to be a part of ITM Group as this college is more than a family to me and all the faculties and the Management is very friendly. The team work of TAP Cell is highly remarkable and extraordinary by inviting so many different companies!!! Happy to be a part of this University!"

#### Raunak Kumar

Placed in Epic Research and VISA Steel



"ITM has provided me splendid memories to look upon. My journey here has become a beautiful part of my life. I have grown into a different, yet confident and enthusiastic personality. All thanks to my teachers who have been very supportive throughout. ITM has also given a brilliant start to my career by offering a great placement opportunity in the field of my expertise."

Meenakshi Nagpal Placed in HDFC AMC





"I found the placement activities to be very satisfactory."

Souvik Ghosh Placed in Infosys



"I want to thank everyone at ITM University for these placement opportunities. The management made sure we were well-trained to get where we wanted to be. Memories and friends for life is what I am graduating with. Proud to be a part of this diversely beautiful family."

Shivam Kumar Placed in IBM, Wipro, Infosys

"It was great time we spent in ITM University. ITM has very wonderful faculty and they are very cooperative and campus environment is very positive. It is very difficult to get placed in Electronics Core company but due to continuous assistance of Training and Placement department and faculty made it easier. The days spend in ITM were the golden days of my life and will remember it for rest of my life. ITM rocks."

> Rohan Agarwal Placed in Bridge Solutions

"ITM University is growing fast in every possible perspective with a supportive staff. TAP Cell, I feel, should be working in proper co-ordinance with both Turari and Sithouli campuses as half of the knowledge about visiting companies and their criterion is not known to Turari campus. Also, the number of days companies should be increased. Rest all is fine."

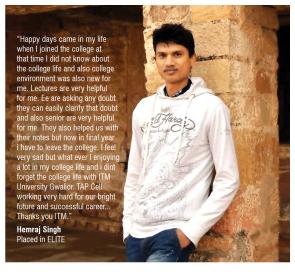
> Swati Sharma Placed in IBM







"I am very much thankful to ITM & TAP cell for providing such great opportunities to build our carrier. Trainings conducted by TAP helps a lot in boosting the confidence level. The adept placement officers of ITM work very hard with an aim of placing each and every student of





"Thank you ITM for providing me an opportunity to explore career opportunity at India's one of the most reputed tech firm, Capgemini. It is the hard work of our TAP Cell which provides us opportunities and resources to ensure an appropriate start to our career."

Diksha Bhadauria Placed in Capgemini

# **ALUMNUS 2018-19**

### **COMMENTS**

"My student life at ITM University is one of the best time in my life and had its ups and downs. But overall I feel that studying at ITM was great. The university organizes many events in the campus which is really good. I am thankful to all the teachers who supported us and corrected us throughout our bachelors. The Placement cell office of ITM which has placed a number of students also laid a platform for me to get into Lanzeintegra . I'm thankful for this opportunity for helping me through the process."

> Crown B S Placed in Reflex Solution



"Thanks ITM & TAP CELL for providing too many opportunities to us that almost everyone is placed in my department."

Placed in Praedico Global Research Pvt. Ltd



"Thank you, ITM, My college life was very good. Here I found very good friends and auxiliary teachers And especially Thank You very much Mr. Kapil Govil Sir, I got to learn a lot from you. And Once again Thank You Very Much ITM."

#### Adish Goyal

Placed in Praedico Global Research Pvt. Ltd.



"I thank ITM University for putting in all the efforts to groom us and make us corporate professionals. My three years at this university have been excellent and a memory to cherish for a lifetime. The years spent here have been full of learning opportunities that were full of fun and frolic and sometimes with academic grind that one has to go through. I can positively say ITM School of business has made me a better person. It has helped me develop a positive attitude towards my studies and discover more about myself."

#### Harshita Agarwal

Placed in Extramarks Education



"ITM University is a place where you can find an amalgamation of learning, fun, culture, lore, and many such life preaching activities. I am thankful to Training & Placement cell. ITM University for providing a platform to enhance my skills and an opportunity to showcase them. I am learned lots of things, faculty's always encouraged at every step...Thank You.'

**Avush Gupta** 

Placed in Travel Triangle

"My four Year Journey at ITM has been really amazing and memorable. I got equal opportunities to enhance my academic and extra curricular skills. The lenient environment gave me enough time to practice extra skills required for the future IT Industry. TAP Cell also did quite amazing job. They gave us ample opportunities by calling many companies; including multiple Mass Recruiters. I expect they will soon start calling Product Based Companies and Al intended Companies to the campus. Happy to be a part of ITM's success!"

#### **Atul Anand**

Placed in Infosys & Limelight IT Research Pvt. Ltd.



"Throughout my four years in ITM University Gwalior. i had countless opportunities to develop analytical skills. leadership and proactive thinking through various programs and events. These attributes were the key reasons due to which i am successfully placed in JustDial Pvt LTD with a good package. Big thanks to all my faculty members and friends for this amazing journey at ITM. My sincere appreciation and gratitude to the Tap Cell and School of Engineering and Technology department for their support and encouragement, this could not be possible without them."

#### Shivam Mishra

Placed in Just Dial Pvt. Ltd.



"It's been a great journey in ITM University, the institution which played a big role in growing me up and special thanks to TAP CELL which made this possible by providing us technical as well as non-technical trainings on a regular basis that helped me boosting my confidence."

"I got the opportunities .. I have the good

information. Thank You."

Placed in Dollar Advisory

Dolly

help and learning through them infact the

lead of job they keep me informed for all the













"ITM University is a place where you can find an amalgamation of learning, fun, culture, literature and many such life preaching activities. I am thankful to Training & Placement cell and all the faculties for providing a platform to enhance my skills and an opportunity to showcase them"

**Abhileet Anand** Placed in Infosvs



My experience at ITM University was one of the most fulfilling experiences that prepared me for challenges ahead and the desire to make an impact in my own way. As a young lady who is self driven, ITM fueled that desire to achieve my goals including the Bcom degree and I thus far have made an impact back home therefore giving me the competitive edge required in this fast changing world.

#### Wendy Kuzamba

Placed in TN Asset Management, Zimbabwe



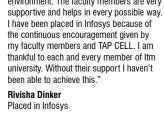
"ITM University provided an atmosphere where I was able to grow in all spheres of life. I was given freedom to pursue all my interests with cordial support of management and department of Computer Science and Engineering."

#### Aditya Mukul

Placed in Reflex Solutions



"ITM University provides a free and cheerful environment. The faculty members are very





"It was a great time I had spent in ITM University. Thanks to the wonderful faculty(ECE), the TAP CELL, they always had been very cooperative and helpful. ITM University has helped me to develope and enhance my skills through placement trainings and Activity Based Learning(ABL) and because of this I have been placed in TCS."

Shwetank Rawat Placed in TCS





"ITM University has played a major role in extending my life upto a great extent. Gave me the opportunity to learn those skills which I have never thought I could."

#### Khushbu Mudgal

Placed in Extramarks Education India Pvt. Ltd.











"Placement are excellent in this university. The infrastructure of the university is quite big. Classroom are big and well furnished. The university provides opportunity that can help you to increase your skills."

Prashant Bhondele

Placed in Infosys





# **ALUMNI MEET**

At ITM University, Gwalior we're proud to have one of the largest active alumni community with many of the graduates in almost all fields since our inauguration 17 years ago. We help and act as a alma mater to help alumni remain connected with us and with each other, sharing experiences, memories, expertise and enjoying events, networking and career development opportunities.





We regularly conduct alumni reunions that help you enjoy reminiscing about your time here, exchange latest news, catch up with old friends and see the University. Students generally feel more of an affinity with alumni than with any other groups of people.

Our alumni help us strengthen academic programmes, develop first-rate facilities and resources, support outstanding faculty and enrich the student experience. Alumni also have opportunity to mentor students and work shadowing.

ITMU Alumni stand for certain values in the campus. Help and encouragement are the prime values of our alumni association and it always acts as a bridge between the present students, Management and the former students.

ITMU aims at training the young minds to be leaders in all walks of life and to serve everyone with justice, truth and love. ITM Alumni Association commits that its members to become ethically and socially conscious men & women. Alumni Association also exposes its members to appreciate delicate aspects of human life and to be fully aware of their responsibilities while serving the society.

#### **JOINING THE ALUMNI ASSOCIATION**

As on March 2019, there are large number of members in our association out of which some are life members & the rest are under the category of new graduates. This year many more students enrolled themselves as new graduates. We encourage all our outgoing students to enroll their names into the association and to become a life member for which they can visit www.itmuniversity. ac.in and look for information on registration, events, news, appeals, announcements, awards, archives, link & photo albums.

Our ever active ITM Alumni Association is planning to review region wise chapters by organizing Alumni meets in different regions. So far we have chapters in

- Mumbai
- Hyderabad Kolkata
- USA
- Pune
- Vadodara
- Nagpur
- Lucknow
- Muscut
- Chennai
- Singapore

- Bangalore
- UAE
- Delhi
- Ahmedabad
- Bhopal
- Nasik
- Jaipur
- London
- Sydney



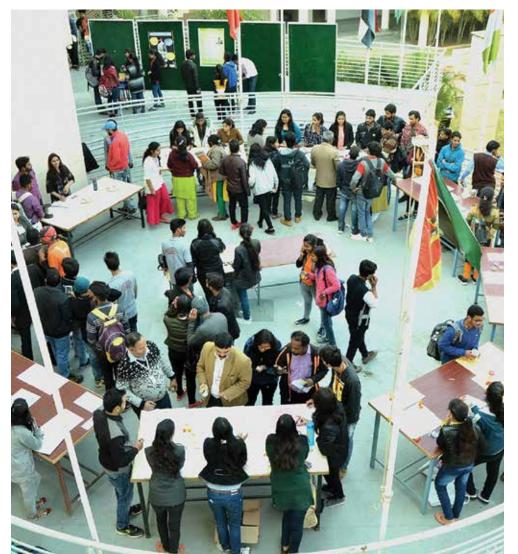






### **HOW TO GET INTO THE UNIVERSITY?**

**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 records 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, Bypass Turari, 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 30th June (For MBA 30th May). 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

- Afghanistan
   Bangladesh
   Bhutan
   Botswana
- Ivory Coast Kenya Mozambique Nepal
- Saudi Arabia Sudan Tanzania Uganda
- Vietnam Zambia Zimbabwe

We feel that potential, Efficiency and Excellence are not border limited. Students from all across the world are bringing their dreams to convert them into reality with the guidance of highly experienced and qualified experts' team of ITM University. Each international student is very well taken care off. We at ITM University Gwalior believe in the Home away from Home concept. We also celebrate Independence days of all the nationalities represented by our students.

#### **PRE ARRIVAL**

Following are the requirement which international students need to check before and post arrival In India:

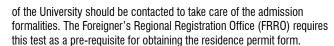
- Ensure that you get the proper visa from Indian Embassy/ High Commission.
- Ensure that you meet Medical fitness standard before you leave your country.
- Also ensure that you have taken all the required vaccinations (Typhoid Vaccine, Hepatitis Vaccine, Yellow Fever etc.) to avoid medical complications while you are in India.
- Also ensure that you bring the letter of admission issued by the official of ITM University.
- Make sure that you carry the originals, copies of your certificates/degrees and 10 passport size photographs.
- Ensure that your fee has been received by the University and you should carry the fee receipt.

#### **POST ARRIVAL**

- Registration: All international students must register themselves with the International & Deputy Registrar Office of ITMU.
- Admission Formalities: The International Office







 Registration with FRRO: All International students who have come to study in India need to get registerred themselves in The Foreigner's Regional Registration Office (FRRO) within 14 days of arrival in India (not applicable in the case of Bhutanese and Nepalese students). The University's International Office helps and guides the students in the registration process

#### **Contact information International Students Division**

Tel: +91 8223963255, 6261234618

Email: international.admission@itmuniversity.ac.in

Website: www.itmuniversity.ac.in

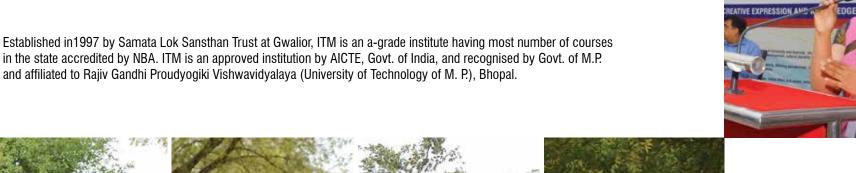






# ITM GROUP OF INSTITUTIONS, GWALIOR

in the state accredited by NBA. ITM is an approved institution by AICTE, Govt. of India, and recognised by Govt. of M.P. and affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya (University of Technology of M. P.), Bhopal.











**Ranked Gold category Institute** by AICTE, Ministry of HRD, Govt. of India in 2017. The Institute was conceived with the objective to impart quality education in the field of engineering and technology so that it emerges out as a world-class institution by contributing towards research and education and to produce high class engineers and technologists. The management of the institute is committed to support this institution so that it becomes the apex centre for quality teaching, development, innovation and extension services in engineering and technology.

With the evolution of inter disciplinary courses like quantum information theory, quantum computing and nano-technology, the Institute is striving to integrate engineering as a concept with technology as a platform taking management as a back bone to convert knowledge to global wealth & prosperity. The Institute recognizes the importance and need of such a scheme in the ideas and thoughts on various technological models. The teaching and learning methodologies follow a rigorous schedule involving extended hours of work and challenging assignments.

Curriculum delivery is affected through group and self learning seminars, conferences, case studies, live projects with industry, quest lectures and panel discussions with senior managers and professionals from the industry/ corporate sector /research organizations. The emphasis is on involving the students in learning and helping them to relate concepts and themes to technical cum management requirements. The system of assessment is based on continuous evaluation through tests, surprise quizzes, home assignments, laboratory work, industry projects, presentations, project based learning etc. The sole objective is to provide value added technical education and to produce quality technologists and professionals who are capable to shape the society for better and better advancement and to improve the quality of life of entire mankind.

Today, time compression has become one of the necessary conditions for successful functioning of an organization. This institute's rehabilitation process is knowledge driven in terms of strategy, technology or logic of competitive success. This is achieved by developing amongst students a

culture of inquiry and research through highly competitive academic environment, close student-faculty interaction and linkages with industry and other teaching academic institutions. Monitoring of students by senior managers and professionals from technical world, summer internship projects are the significant measures to keep the students abreast of the latest development and requirements of professional, technological and corporate world.

The Institute provides an academic environment with accent on self-learning. Students are actively involved in academic and co-curricular activities. ITM is a recognised Centre of Research in Engineering and Technology.

To meet the growing need of technical manpower in the region, the Trust took the initiative to establish Institute of Information Technology & Management (IITM) in 2002. It was conceived to become an excellent centre of quality education in the areas of information technology, communication and management. It aspires to become an illustrious institute shaping the future carrier of young students of the region and beyond in such a manner that they serve the society in an appropriate manner in this fast changing world.

In 2010, AICTE approved a new concept of Group of Institutions under which two Institute ITM & IITM were grouped & named as ITM group of Institutions. Now all facilities, infrastructure etc. are merged into the new entity of ITM Group of Institutions. This will bring about optimum utilisation of HR and educational infrastructure besides opening new vistas for better & meaningful use of resources in the area of research and futuretechnologies.

Institute has established one cell known as IDEAPAD to develop the skill of entrepreneurship in students they are exposed to industries, Experts & workshops to develop entrepreneurship skill among them.

Good number of students passed out from our institute have started there own start-ups of time of crore. Apart from it, the institute also motivates the students to participate in seminars, conferences, symposias, technical fests organised by IIT's, NIT's,



and other reputed institutes they have won many prizes in such events so far.

#### **ITM CAMPUS**

Various institutes under ITM GOI are situated in a sprawling area along green hills of Vindhyachal ranges and at a highly visible site on National Highway No. 75, opposite Sithouli Railway Station. The Highway is four-way express lane connecting the North to the South of India. Main tracks of Indian Railways to Mumbai, Chennai, Hyderabad, Bangalore, Indore, Pune etc. run along this part of highway. Sithouli Railway Station is just opposite the campus where few trains do stop benefiting the students, staff & commuters. The concept behind ITM GOI building is eco and environment friendly using low energyconsuming materials. The entire blocks of buildings are so strategically placed that there is never a need of artificial light during day time and it still remains cool during summers.

Greenery is everywhere; even the corridors in second floor have planters with falling foliages of cheerful bright green colours. All class rooms are air cooled. Atriums in each block give a sense of space, openness & healthy plants add to the beauty of space within thebuildings.

Rain water harvesting scheme has been implemented with check dams and soak ponds with lilies & ducks floating around. After over a decade the campus has become green, plants have grown

higher and pleasantness of foliages all around gives the right ambience for innovative & creative ideas. Water bodies & fountains add to the beauty of the campus.

With academic / administrative / residential / recreational areas having been developed, Sport grounds & courts are being developed further. A state of art composite sports complex is going to be our latest addition in ITM GOI campus.

An amphitheatre with seating capacity of more than 3000 persons is being used for cultural and co-curricular activities of the Institutes. 200 bedded Boys' hostel has been commissioned with a block of mess & dining of approx. 26,000 sq. feet with semi-mechanised system of hygienic cooking, having enough space for dining &mess facility for 600 persons at a time. Such a vast and modernised space is rarely available in any part of the State.

International Painter's and Sculptor's symposiums are organized by ITM GOI on regular basis and have resulted in world class monumental sculptures and paintings which are now integral part of the campus making it uniquely different institution not only in India but anywhere else in the world.

A good number of family members of ITM GOI staff are residing in exclusive residential flats situated between hostel buildings and a newly renovated quest house is operational for the institute's quest.

### **ITM-UNIVERSE**

### **MULTI-DISCIPLINARY CAMPUS, VADODARA (GUJARAT)**





↑ t ITM Group of Institutions & Universities at AVadodara and 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 ITMU Vadodara and 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 campuses are 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, Motivators and Vice-Chancellors keep visiting us at regular intervals to guide and inspire students and staff.

The campuses are perceived as hubs of academic & artistics activities with no parellel around in South Asia.

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**

Chairperson, ITMU, Vadodara

Gujrat is one of India's fastest developing State with extra-ordinary rate of growth in double digits, higher than India's Average growth rate. Good law & order situation, respect for entrepreneurial spirit, and Gujarati's love for fun-filled life has brought the State to the iconic level of Golden State of India (Swarnim Gujarat).

Big strides in infrastructural development along with high levels of employment in manufacturing sector is giving rise to demands for skilled manpower for Industries & Service sector which is to be provided by Educational Institutes & Universities.

ITM Universe Campus at Vadodara is situated on the bank of Vishwamitri River amidst orchard greens of Mangos & Sapodillas (Checkoos) owned by the trust at village – Paldi, on Halol highway. The Campus is 20 minutes drive from Vadodara Airport and is situated in pollution free natural surroundings near Dhanora Lake. An industrial growth centre at Halol, 15 Kms from the campus, is coming up with large scale investments and potential area for jobs. ITM Universe through its UG & PG level students will also cater to the manpower needs of Halol Industrial Area in particular & Gujarat in general.

ITM Universe Vadodara Campus is built on 50 acres of land in phased manner. This campus will have more than 10 lac square feet of constructed institutional area and other additional amenities spaces. Baroda School of Fine Arts will find its contemporary reflection in the campus by permanent display of paintings & sculptures in its various academic & amenity spaces. The campus buzzes with the presence of well known modern and contemporary sculptors from different parts of the world and India, creating their best in various materials. These monumental sculpture and paintings within the campus have added another dimension to the learning environment. ITM Gwalior is known all over India for its co-curricular and extra-curricular activities of a very high standard especially in the field of Hindustani Classical Music, Lectures on contemporary National/Global issues. Literature and Poetry, making the whole learning process holistic in its approach. Cutting-edge technologies and best practices of management ITM Vadodara will see similar emphasis on these disciplines of vital importance.

The need of the hour is to raise the bar of Quality of Education in Gujarat to the level of World Class, therein lies the reason why Samata Lok Sansthan Trust decided to put in the efforts to establish a Multi-discipline, Technical & Higher Education Campus at Vadodara.

From the academic session 2011-12, the engineering courses at UG level (BE) in streams of Computer Science and Engineering, Civil Engineering, Mechanical Engineering, Electronics & Communication Engineering, Automobile Engineering, Electrical Engineering & Master's Course of Management (MBA) were started after due approval of AICTE, State Government & Gujarat Technical University.

School of Architecture, Art & Design (ITMU-SAAD) are also approved for UG Courses in Architecture & City Planning. ITMU-SAAD have also started the diploma in Architecture affiliated to Gujarat Technical University and Council of Architecture.

ITM Universe Vadodara has strengthened its research and development inventory. It has signed 17 research collaborations with foreign universities of repute which includes National University of Singapore, University of California Bakesfield USA, University of Salerno Italy, RMIT University Australia, University of Hertfordshire UK, North Dakota State University USA, Waseda University Japan, University of South Wales UK. The faculties and students have jointly filed 35 Indian patents which is indeed a rare feat in the context of research in engineering institutions specially in such a short span of its existence. Additionally a plethora of engineering students have carried out research internship in national and international institutes of repute including National University of Singapore, Nanyang Technological University. Graduate School of IPS -Waseda University Japan, IIT Indore, ISI Delhi, IIT Gandhinagar. In order to catapult its teaching and research standard. ITM Universe has appointed several renowned foreign university professors as Adjunct Professors and Research Mentors. The institute has also received grants worth 0.52 crore from government bodies. Over and above, the other achievements include 700 research publications of faculties and students in journals and conferences of repute.







# ITM GLOBAL SCHOOL

### **GWALIOR**

#### **AN INTRODUCTION**

Situated on the outskirts of Gwalior near AH-43, National Highway, ITM Global School sports an eye-catching architecture with ultra-modern facilities. Founded in 2014, the school offers both International and National Curriculum i.e. Cambridge Assessment International Education and CBSE to cater to the educational needs of students from diverse backgrounds.





#### INCEPTION

The ITM Global School is one of the most cherished dream of SLS trust and with its evolution, the link from PG to PG (Playgroup to Post Graduation) has been established within the ITM fraternity. The school is ably supported by a Board of Advisers consisting of prominent people from diverse backgrounds; Professionals, Finance Planners, Researchers, Educationists, Public Administrators, Motivators, Social Scientists, Teachers of Eminence, Poets, Artists and Sportspersons. ITM Global School was founded with a vision to actualize experiential, innovative, encouraging and challenging learning at the school level.

#### INTERNATIONALISM

ITM Global School is the only school in Gwalior to offer the most sought-after international curriculum CAIE (Cambridge Assessment International Education) since its inception. An international curriculum was preferred because it caters to the individual student's needs and provides ample opportunities for their creativity and self-expression. Further, it brought an International benchmark to the Gwalior wherein the bar has been raised for the students of the region. CAIE is a division of Cambridge Assessment, a not-for-profit organisation and part of the world-renowned University of Cambridge, UK . It is the world's largest provider of International educational programme and qualifications for 5 to 19 year olds.

#### PROGRESS LIES IN PERFECTION

When we look at the world around us, we see Schools, Universities and other Educational Institutions following a conventional approach to educate the children of 21st century. It emphasizes giving instructions rather than facilitating learning. These instructions develops over a period of time and define our ethos. We need to question ourselves, is it healthy for any mind to accept the world as it is? Should we not question what is already written to understand our world better? Answers to these questions lies in making logical reasoning and enquiring a 'Habit'. We should seek progress in all spheres of life as the ultimate aim. Realization of this aim is possible through

continuous research. This is what makes ITM Global School unique and one of its own kind in the region. We facilitate a conducive Learning environment and provide professional training & access to the technological enhancements to support the teaching fraternity. We believe that Teaching is a skill which needs to be improved continuously.

#### **CREATING LEADERS OF TOMORROW**

Students at ITM Global not only learn to create, explore and innovate, they also learn to take the role of leadership through co-scholastic activities such as Model United Nations. Students themselves conduct MUN club in school and organizes inter-school MUN.

### ENGINEERING THE FUTURE THROUGH TECHNOLOGY

Equipped with Smart Classrooms, Auditoriums, Conference Halls, Modern Laboratories and Expansive Fields the school offers students a wide array of opportunities to explore their environment and area of interest. Apart from various subject laboratories, the School has its own 'Robotics Lab' as well, which provides the students hands on experience.

#### THINKING OUT-OF-THE-BOX

Out-of-the-box thinking is imperative for professional and personal growth and success. The 'Wordsworth Language lab' is dedicated to this purpose. Also, various studios like Art & Painting, Woodwork, Classical & Western Dance, Instrumental and Vocal, Clay Modelling & Pottery studios offers a place to the children to work upon and enhance their creative abilities.

#### PROMOTING COOPERATION AND COORDINATION

At ITM Global School the skill of the cooperation is developed by engaging students in various physical activities which are supported by world class infrastructure. In-fact, sports and games plays prominent role in the child's routine at school. Students learn to exhibit true sportsmanship, collaborate with others and explore different facets of their personality. Ayushman Arjeria and Mihir Prajapati are some students who have achieved extra-ordinary feats in sports; Lawn Tennis and Rifle

Shooting respectively. Glimpses of Cooperation can also be observed in the Mess and Cafeteria at meals time.

#### **TAKING INITIATIVE**

Taking initiative is an indicator of courage and confidence and it can be best inculcated during the primitive years of a student's life. ITM nurtures intensive care and nourishes the mental constitution of a child to induce maturity and preparedness required for taking initiatives. All children are guided and motivated to participate in various academic and sports events conducted throughout the year.

#### **OUR ACHIEVERS**

Students from ITM Global School have been successful in proving their mettle since it's inception in 2014. They won over 40 medals in various National and International Examinations. In fact, Ayushman Arjeria of grade 8 went on to create history in Madhya Pradesh after leading the Asian Tennis Team (U-14) in the International Tennis Tournament in France and winning the Road to Wimbledon (RTW) Junior Masters at the Chandigarh Club. Sumangalam Avatar Sharma is known for his sharp intellect. He won 2 consecutive Gold medals at the International Maths and English Olympiads. He also claims to be among the top Rubik's Cube Solvers in the country. Another student, Mihir Praiapati is an international rifle shooter and many more are inspired by them.

Digvijay Chaturvedi has been awarded the prestigious Cambridge International Certificate in Education (ICE) by CAIE. Also, many A\* and A grade holders are proud members of the Cambridge segment of the school.

Everyone is welcome to visit the magnificent campus of ITM Global School, located at the foothills of Vindhyachal Mountain Range at National Highway-75, Turari, Gwalior.













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Price: Rs. 1000/- (US\$ 30/UK£ 20)

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