



ANNUAL REPORT

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IIMT UNIVERSITY



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PROGRESS REPORT OF IIMT UNIVERSITY

BY

PRO VICE CHANCELLOR

(2018-19)

Greetings to all!

It is with a sense of great pride and fulfillment that we look back at the progress of the University during the last year. It seems to be only a matter of yesterday when we laid the foundation of our newly found University and today we see the seed flourishing into a full-fledged blossoming tree.

The brief introduction of the University is as -

IIMT University is a State Private University of Uttar Pradesh established by Govt. of UP vide U.P. Act no. 32 of 2016, with the legacy of group of colleges since 1995 which are now brought under the aegis of IIMT University since 2016 to meet the ever growing needs of higher and professional education.

We are happy to announce that we have almost all the professional courses running under one roof.

IIMT-U objectives include turning innovations into Enterprises, to increase the successful development of new businesses, job creation and employment in specific sectors that are aligned with a region's unique areas of opportunity.

We believe in serving the mission of the Government of creating Entrepreneurs, based on an action plan aimed at promoting guidance, training and financing for **start-up** ventures to boost entrepreneurship and encourage start-ups with jobs creation.

RESEARCH HIGHLIGHTS

The University is awarding the doctorate degree in Science, Life Sciences, Engineering & Technology, Education and Physical Education, Law, Management & Commerce and Pharmacy. We are running with second batch of Ph.D.

The Research and Development department of the University has patented some ideas which are incubated at the department only and are in the process of commercialization.

As already evident to all, IIMT University has two Business incubators of MSME, at Engineering & Technology block and at Pharmacy block. There were ten ideas which were funded by MSME for incubation, presently, the cell is waiting for some new schemes to come. The cell has also applied for TBI at Govt. of India.

IIMT University has registered its first startup "Star Technologies" from U.P. recognized by DIPP, Govt. of India which is providing effective solutions that help organizations to improve management efficiencies. This Startup unit of IIMTU is managed by the Alumni of IIMT itself. This company has made number of products by which the unit has made a business of Rs. 1.8 millions in last 8 months by installing / selling their products at different Govt. organizations & private entities.

The product of the company/unit are available on Amazon for sale globally.

Further, IIMT-U, RnD Cell, in its initial year of existence has filed three patents -

1. Lineman life saving system
2. Sanjeevani – drip level indicator
3. Corrugated paper from corn husk.

Our cell incubates the innovative idea, provides necessary facilities & infrastructure during the incubation period till it emerges out as commercializable products.

Keeping in view the requirements of the industry, University has number of tie ups/MoU signed with the intension to make students trained as per the demand of the industry not only this, the syllabi of certain UG & PG courses of commerce, management, computer sciences & applications, Engineering, law, HM etc. are modified to the extent to figure out the idea on reality grounds.

**SUCCESS STORIES OF IIMT-U BUSINESS INCUBATOR / R N D CELL/
STAR TECHNOLOGIES:**

1. ***Sanjeevani** – Drip level indicating device, is filed for patent, Grant & commercialized in different hospitals, the use of product was demonstrated at IIMT Lifeline Hospital itself. The device is used for continuous monitoring of the drip level and raises an alarm upon reaching a pre determined value so that it can be changed in time preventing the backflow of blood into drip bottle.*
2. ***Packaging paper made from corn husk** which is an agricultural waste and we have extracted best from the waste by inventing a technique which has the potential to reduce deforestation for manufacturing packaging paper. The project has been filed for patent grant.*
3. ***Device for UP Power Corporation Ltd. to save the life of lineman** while working on energized line.*
4. ***Economic Composters** is one of project of the students in the areas of **Solid Waste Management**.*
5. ***Solar Tree with the facility of light illusion, wi-fi** is made within IIMT and also installed here only.*
6. ***RFID and Biometric based Smart Attendance system** has been successfully implemented in the university campus.*

Electropreneur Park

An initiative of Ministry of IT and Electronics, Electropreneur Park has been set up to carry out incubation and building ecosystem to help budding entrepreneurs. Entrepreneur Park has been set up under the aegis of the Ministry of Electronics & Information Technology, Software Technology park of India and India Electronics and Semiconductor Association to support startups in electronic system design and manufacturing.

Recently, in Feb. 2019, STAR TECHNOLOGIES(A START UP UNIT OF IIMTU) has submitted two projects out of which one project, the patented idea of RnD Cell, LINEMAN LIFE SAVING SYSTEM is selected among the TOP 10 IDEAS to get incubation and complete hand holding support i.e. funding for commercialization.

Recently, two days back, the result of SMART INDIA HACKATHON 2019 ,is declared, in which the idea of one engg. Second year student, sujeet kumar Yadav from Nepal is selected for incubation and hand holding support.

IIMT UNIVERSITY ANDROID DEVELOPMENT CELL

IIMT University and Tech Giant Google have signed a Memorandum of understanding (MoU) regarding new courses that offer specialization in Android programming. For this, IIMT has establish a ‘Center of Excellence of Google’ at its Campus. Under this collaboration, IIMT students will be trained to get Android certifications.

“Now- a- days, more and more people are using smart phones and most of these phones are powered by Android. As such, each and every company is looking to recruit students who are expert in Android programming. This historical tie up will strengthen IIMT students’ abilities to meet global challenges of industry ready manpower.”

We have introduced a syllabus for ANDROID DEVELOPMENT made by Google as a part from basic to advance at different levels / semesters of Engg., computer applications & Computer Sciences.

Google has trained our 13 faculty under "Train the trainer" scheme for Android Development Fundamentals and 03 faculty /Research Ssholars for advance ANDROID DEVELOPMENT.

Recently they have sent a proposal to attend most advance course of android at California.

IIMT UNIVERSITY ENTREPRENEURSHIP DEVELOPMENT CELL

IIMT UNIVERSITY has launched the Programme in Entrepreneurship to strengthen the entrepreneurship education & research ecosystem. The growing interface between entrepreneurship and education is bridging the chasms which make entrepreneurship a distant career option. Lately entrepreneurship education has emerged as a significant instrument for harnessing entrepreneurial potential and ensuring enterprise success. This confirms that today's youth is keen on putting their energies & ideas to productive use by adopting entrepreneurship as a career.

MHRD- Institution Innovation Council

IIMT UNIVERSITY has established Institute Innovation Council (IIC) in collaboration with MHRD, Govt. of India, to systematically foster the culture of Innovation amongst all Students of IIMT University. The primary mandate of IIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes..

IIMT UNIVERSITY is leading towards creating an innovation promotion eco-system in the campus.

FOR DIGITAL INITIATIVES IN HIGHER EDUCATION, IIMT-U HAS NUMBER OF TIE UP AND COLLABORATION

NATIONAL ACADEMIC DEPOSITORY

National Academic Depository (NAD) is an initiative of MHRD to facilitate digital issuance, storage, access and verification of Academic Awards issued by Academic Institutions. NAD empowers our Indian youth with Digital, Online, Trusted, Verifiable Certificates. It is a Unique, Innovative and Progressive initiative under “Digital India” theme towards achieving Digital enablement of the Education Records.

IIMT University is registered with National Academic Depository by MHRD, Govt. of India for the authentication of degrees and marks sheet.

NPTEL

IIMT University in collaboration with IITs to be able to provide an online certification course from NPTEL and get a certificate from the IITs. IITs are reaching out and taking education to the homes of people through this initiative.

Certified Courses of NPTEL by MHRD, Govt. of India, are integrated in the syllabus.

SWAYAM

IIMT University is registered with SWAYAM by MHRD, Govt. of India
SWAYAM is a programme initiated by Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity and quality. IIMT University through SWAYAM seeks to bridge the digital divide for students who have remained untouched by the digital revolution and have not been able to join the mainstream of the knowledge economy.

E-Yantra

E- Yantra is an initiative by IIT Bombay that aims to create the next generation of embedded systems engineers with a practical outlook .IIT Bombay takes the 'E-Yantra' platform to harness the intellectual talent of young India to create utility based robotic applications for usage across variety of applications such as: agriculture, manufacturing, home, city maintenance and services industries.

SPOKEN TUTORIAL

IIMT University has tied up with spoken Tutorial Projects. It is a Partnerships Agreement between IIMT University, Meerut and Spoken Tutorial (ST) - IIT Bombay, NMEICT, MHRD, Govt. of India as knowledge Partner. It will impart Software / IT Training Program to all the department and colleges of IIMT University. Recently on Monday itself University has received the letter of association as Knowledge partner with Spoken tutorials, IIT-B, MHRD for remarkable contribution for national mission on Education through ICT.

ISRO -IIRS OUTREACH PROGRAMME

IIMT UNIVERSITY has been approved as nodal centre of ISRO-IIRS OUTREACH PROGRAMME. An online certified programme of Indian Space Research Organisation, (ISRO).

The initial focus of IIRS was to use EDUSAT/INSAT 4CR satellite for distance learning but it extended its scope by the use of internet to make it accessible by large number of students globally .Today by this programme various professionals, research scholars, scientists, physicists and even the departments and ministries are linked. The IIRS outreach programme is being conducted through two major modes:

- Live and Interactive classroom sessions (also known as EDUSAT) and

- E-learning based online courses.

Under Community Social Responsibility

IIMT University Meerut, Nodal Centre for Swachh Bharat Abhiyan made by MHRD, has taken some great initiatives towards making its campus a green and clean campus supporting the campaign of our honourable prime minister towards Swachh Bharat Abhiyaan.

Following initiatives have been taken in the IIMT University towards the Swachh Bharat Abhiyaan :-

1. **Self energy generating campus (SOLAR Campus)**– IIMT University knows the importance of renewable energy sources and thus it has taken a great move to establish a 600 kilo watt solar plant on the rooftop of the campus, thus generating clean energy.
2. **Solid Waste Management using organic composter-** IIMT University manages the solid waste generated within the campus into valuable compost. We have developed a machine that will be converts the organic waste like agricultural, garden and kitchen and mess waste into organic compost that can be used for gardening purposes, thereby reducing the use of synthetic fertilizers in gardening purposes.
3. **Solar tree** - Solar trees are intended to bring visibility to solar technology and to enhance the landscape and architecture they complement, usually in a commercial or public context. An objective of many solar tree installations is to promote awareness, understanding, and adoption of renewable energy. They are not typically used as a primary source of energy for a property—that role is accomplished by rooftop solar systems. Solar trees are complementary to rooftop solar systems, or other green building measures, symbolizing these larger investments and their environmental benefit.

Solar trees may build awareness and interest in solar technology and also provide shade and meeting places.

4. **Sewage treatment plant** – The university is concerned about water scarcity in the coming future so it has developed an alternative to purify the sewage water so that it can be used as potable water for various purposes like agriculture / gardening, washing etc, thus reducing the wastage of fresh water.

There are number of ongoing plans and processes leading the University towards a new horizon. Now, I conclude the report with the wish that the team of all of members of IIMT university 'll bring the university towards the new horizon and perfection.

FDP attended by Faculty:

Approx. **181** faculty members have attended various programmes (FDP, PDP, Orientation Programme, Refresher's Course, Short term course) inside and outside the institute.

FUTURE PLANS

Many ongoing plans in academic model implementation, creating Innovation eco system, International training, Self-employment generation, International placements are under creative framework to lead the university towards a new horizon and the emerging students to be socially responsible technocrats.

LIST OF SCHOOLS & COLLEGES UNDER IIMT UNIVERSITY, MEERUT

S.No.	NAME OF SCHOOL/COLLEGE	PROGRAMMES
1	School of Library & Information Sciences	B.Lib., M.Lib.
2	School of Arts and Humanities	BA, MA Ph.D.
3	School of Engineering & Technology	Diploma(Civil, Mechanical, Electronics & Communication, Electrical, Computer Science) B.Tech (Civil, Mechanical, Electronics & Communication, Electrical, Computer Science) M.Tech (Mechanical, Computer Science, Electrical, Civil), Ph.D.
4	School of Life Science & Technology	B.Sc. (ZBC, Microbiology, Biotechnology) M.Sc.(Biotechnology, Microbiology, Zoology, Botany), Ph.D.
5	IIMT College of Medical Sciences	BPT, MPT (Neurology, Cardiology, orthopaedic), OT (Technician), B.Sc. (Optometry), DMLT, BMLT, Diploma in Optometry, X-Ray Technician, Diploma in Emergency & Trauma Care, Diploma in Neonatal Care, Diploma in Audio & Speech Therapy, B.Pharm, M.Pharm (Pharmaceutics, Pharmaceutical Chemistry), D.Pharm, Ph.D.
	IIMT College of Medical Sciences (NURSING)	A.N.M., G.N.M., B.Sc.(Nursing), Post Basic B.Sc. (Nursing), Dip. in Para Medical Courses (Proposed)
6	School of Computer Science & Applications	BCA, B.Sc. (C.S.), MCA, Ph.D. (Com. Sci. & App.)
7	School of Commerce & Management	BBA, MBA, MBA (Hons. Admin.) B.Com., M.Com. Ph.D.
8	School of Mass Communication, Film & Television Studies	B.J.M.C., M.J.M.C., Ph.D.
9	School of Basic Sciences & Technology	B.Sc.(PCM, PSM,), M.Sc. (Physics, Chemistry, Mathematics, Statistics) Ph.D.
10	College of Law	B.Tech. LL.B., B.A. LL.B, LL.B, LL.M (Mercantile Group & Criminal Group)
11	IIMT College of Education	B.Ed., M.Ed. B.P.Ed. B.P.E.S., M.P.E.S., Ph.D., (B.Sc. B.Ed., B.A. B.Ed. - Proposed)
12	School of of Hotel Management, Catering & Tourism	Diploma in Hotel Management, Food & Beverage Service, Accommodation Operation, Food & Beverage Production, BHMCT, MHMCT, B.Sc.(H.M.), B.Sc.(Clinical Nutrition & Dietetics), M.Sc.(Food & Nutrition), B.Sc (Home Sci.) M.Sc.(Home Sci.).
13	College of Architecture	B. Arch
14	School of Agricultural Sciences	B.Sc., M.Sc.
15	IIMT College & Hospital of Naturopathy & Yogic Sciences	B.N.Y.S.
16	School of Pharmaceutical Sciences	D. Pharm
17	School of Ayurveda Sciences & Hospital	B.A.M.S. (Proposed)