

60th Founder's Day of MITS, November 14th 2017: A Report

Today, on the 60th Founder's Day of the Institute, as we are celebrating the Diamond Jubilee I feel humbled standing before the eminent members of the board, all the illustrious guests, distinguished alumni and renowned dignitaries to present a brief report on the important milestones achieved during these 60 phenomenal years. I am elated at getting this platform for giving you all a glimpse of the institute and its remarkable journey. Going down the memory lane, looking back at the major milestones and turning points of the institute, makes me nostalgic but at the same time I feel delighted and overwhelmed to get this chance.

I want to take this opportunity to pay tribute to all the great personalities whose vision and wisdom, hard work and dedication, commitment and perception has been instrumental in bringing this edifice to its present glory.

MITS, born in 1957, known as Madhav Engineering College then, was the brain child of a futuristic Monarch, the first Raj Pramukh of Madhya Bharat, a celebrated administrator, a great visionary, and a patron of technology and innovation who was far ahead of his time, in visualizing and realizing the needs of a changing society with the twists and turns of time; none other than our great founder, His Highness Sir Jiwaji Rao Scindia. He named the institute as "Madhav Engineering College" after his father, the great grandfather of our present chairman, Shrimant Jyotiradita M Scindia.

This institute came into existence as the Numero uno in the region, long before the Government of India realized the need of technical manpower for the large number of industrial projects which were contemplated under the second five-year plan (1956–60) and the Regional Engineering Colleges (Now known as

NITs) were established around 1959. The Institutes of Technology (IIT) Act was passed even later in 1961.

It is not an easy task to summarize the account of 60 eventful years in a brief report. Also, there are very few records available for the initial years, as good documentation facilities were not available back then. I will venture to chronicle some of the landmark events in the institute's history; my sincere apologies if I miss out on a few details.

The main developments of the last 60 years are chronologically presented here. The development of the institute can be classified into four distinct phases which clearly indicate that the institute adopted itself to needs to the day and changed from time to keeping pace with new practices.

During the first phase, the basic infrastructure was erected; building and hostels were built, PG courses were started, laboratories were set-up with state-of-the-art equipment, most of which was imported from France and Germany.

The main events of this phase are:

- 1. The foundation stone of this building was laid by **Dr. Rajendra Prasad, the then President of India in 1956***
- 2. In 1957, the institute started functioning in residency palace building with B.E Civil, Mechanical & Electrical with an intake of 40 each; Later in 1960 the intake was increased.*
- 3. In 1964, this building was Inaugurated by the **President of India, Dr. S. Radhakrishnan,***
- 4. The PG and Ph. D courses were introduced in 1965 and two Boys hostels were constructed in 1966*
- 5. In 1974 the name of the institute was changed to Madhav Institute of Technology & Science, MITS as we call it today.*
- 6. In 1978 another Boys hostel was constructed*

The Second phase of development, was marked by the addition of new buildings, Guest House, construction of the first girls hostel, introduction of new programmes etc.(5-UG & 4-PG programmes were added)

The details of this phase are

7. *B.E Electronics was started in 1981, Architecture programme in 1984, Masters in Computer Applications (MCA) and Construction Tech. & Management (CTM) were introduced in 1986.*
8. *The Entrepreneurship Development Cell (EDC) sponsored by the Department of Science & Technology (DST) came into existence in 1988. The new building for Electronics Department and a new girls' hostel were also constructed in 1988.*
9. *In 1990 a New Boys Hostel (hostel no 4) was constructed and two years later in 1992 the EDC building became functional. The High Voltage laboratory was built in 1994.*
10. *The Bachelors programmes in Computer Science & Engineering and Chemical Engineering were started in 1995, and 1996 respectively.*
11. *Masters programmes in ME Communication, Control and Networking (CCN) and Industrial Systems and Drives (ISD) were started in 1995.*
12. *A new conference hall and additional class rooms were constructed in 1997-98.*
13. *The institute Guest House came into existence in 1999 and the same year the new building for architecture department was started.*
14. *The Bachelors programme in Information & Technology was introduced in year 2000.*

In the 21st Century the third phase of development was witnessed as the institute received academic autonomy from RGPV Bhopal. The concept of quality & Accreditation dominated this period with NBA accreditation of 7 UG and 4 PG Programmes.

First phase of computerization started with the establishment of Central and Departmental Computer Centres with more than 200 Computer terminals.

The concept of campus placement started during this period and institute emerged as a leader in the region recording highest placements.

The details are:

15. In 2001, a great visionary and legendary administrator Shrimant Madhavrao Scindia took over as Chairman of the Institute. The same year the institute coordinated, on behalf of Govt of MP, the International Conference on Technical Education (ICTE-2001), at Bhopal. A new UG programme in **Biotechnology** was also started in 2001.
16. The Institution got **Academic Autonomy** under RGPV in July 2002 and the same year PG programmes in **Microwave Engineering & Production Engineering** were started.
17. Year 2003 saw the **Accreditation of BE Civil, Mechanical, Electrical Electronics, CSE, IT, & Chemical & Masters in Computer Application, Industrial systems & Drives, Computer Communication & Networking (CCN) and Construction Technology & Management (CTM) by National Board of Accreditation (NBA), New Delhi.**
Out of these the Civil Engineering and MCA programmes were accredited for 5 years.
Establishment of a state-of-the-art **Central Computer Centre** and extension of the institute Guest House also happened in 2003.
18. In year 2004 the **Masters Programme in Urban Management and Biotechnology** were introduced.
The institute hosted the **National Convention for students of architecture (NASA)** where students from all over the country and neighbouring Asian countries participated.
19. In 2005 the construction of **Canteen and Students activity Centre**, and year 2006 witnessed the extension of building for Architecture, Electronics, CSE & Biotechnology
20. In 2007, "**Madhav Wan**" was established in the campus to dedicate land for environmental cause. Establishment of CTI, a DFID, UK & Govt of MP project was also implemented for Celebrating 50 years of excellence in Technical Education.
21. In 2008 the institute celebrated its **Golden Jubilee** and MITS was immortalized when a postal stamp of Rs. 5 on MITS was released by the then president of India, Dr. Pratibha Devisingh Patil to mark the occasion. Also, the foundation stone was laid for the Autonomy Cell, Sports Complex and extension of class rooms and labs was carried out.

The fourth phase of MITS saga, that is the last decade will be remembered for the increased interactions & collaborations with the outside world in the form of MoUs, guest lectures, conferences, seminars, faculty training programmes etc, laboratory developments under Technical Education Quality Improvement Programme (TEQIP-II), increase in intake in Bachelors programmes and introduction of many new PG programmes.

The main highlights of this period are:

22. *In 2010 the approval was received for starting Masters Programme in Computer Science & Engineering and IBM Centre for Excellence was established.*
23. *The pace of growth got faster after the institute received Rs. 10 crore under the TEQIP-II project in 2011. The same year the new CSE Building was inaugurated by the chairman H.H. Jyotiraditya M Scindia. The same year approval was received for starting Masters Programme in Information and Technology.
A 33kV substation was also installed in the institute.*
24. *In 2012 the institute was recognized as a QIP Research Centre.*
25. *In 2013, the bachelors programmes of Civil, Mechanical, Electrical Electronics & Computer Science Engineering were accredited for the second time out of which the **Electrical Engineering Programme received accreditation for 5-years**. Masters Programmes in Cyber Security & Chemical Engineering were also introduced.*
26. *The next year, Masters Programmes in Geo Informatics and Environment Engineering were introduced, Infosys Campus Connect Programme was initiated and the ISTE Students Chapter of the institute received Best Student Chapter of M.P. & C.G. Award.*
27. *In 2015, two new bachelors' programmes in Automobile Engineering and Electronics & Telecommunication Engineering were started. Establishment of SKF reliability Centre for research and training was also a major step in the direction of Industrial Collaboration.*
28. *Year 2016 witnessed the addition of New ultra modern eight storey Girls Hostel With Capacity to house about 300 girls.
This year Students Chapters of two prestigious professional societies, IEEE(USA) & IET(UK) were formed in the institute.*
29. *In addition to this, during last 5-years*

- *Research & Development grants worth 400 Lacs were received from central and state level funding agencies such as DST, UGC, AICTE and MPCoST*
- *More than 1500 research papers and 28 Book Chapters authored by the faculty and PG/Ph.D students*
- *The institute conducted 31 National Workshops, 21 Conference/Seminars and 13 Faculty development Programmes for Engineering College Faculty.*
- *An Internal Quality Assurance Cell (IQAC) was established in December 2016 to evolve mechanism and procedures for measuring, monitoring and evaluating quality for various academic and administrative activities of the institution, for the internalization of quality culture and institutionalization of best practices.*
- *Good practices such as Mentor-mentee scheme and Academic Audit were implemented.*
- *Creation of a Student Activity Centre with a capacity of 400, New Counselling Hall with a Sitting Capacity of 150, the rebuilding of Central Computer Center and construction of a sophisticated Board room and Faculty Resource Centre were the highlights. Work on new 06 storied boys' hostel with modern amenities is in progress*
- *MoUs with IIT Gandhi Nagar for Faculty Development /Training under which more than 50 faculty/staff members were trained*
- *IET Academic Affiliate partnership programme under which institute faculty, staff & students benefitted by getting membership to IET, access to their library, expert lectures by global ambassadors etc.*
- *Students received very good all India ranks(AIR) in Graduate Aptitude Test in Engineering (GATE) and Common Admission Test (CAT).*

The Diamond Jubilee Year has been very special for the institute, and many important milestones were achieved this year. The institute has been Granted Autonomy by University Grants Commission (UGC) for 6-years. The National Assessment and Accreditation Council (NAAC) also granted accredited MITS for 5-years.

The Technical Education Quality Improvement Programme (TEQIP-Phase II) of MHRD was successfully completed and 'A' grade was received in six of the seven criteria. Now the institute was selected for funding under the TEQIP-III

Project of MHRD. MoU has been signed with CPRI-Central Building Research Institute, Roorkee for research and training, Twinning agreement signed with Delhi Technological University, Delhi.

MITIS ranked 29th in DATAQUEST-CMR Technical School Survey- 2017 out of the Top 100 T-schools of India.

Launch of Institute MOODLE Server, paving way for online open source learning and establishment of NPTEL Local Centre in the institute are achievements which will revolutionize the education system shifting the focus from teacher centric to learner centric structure. For the all round development of students 60 activity clubs have been launched, in addition to the existing 7- Professional Society Chapters.

I am proud to be associated with such a great institute which has not only given me my professional identity, but has also served the nation by providing trained technocrats which made the country proud.

I am happy that since last year our management and administration has revived the tradition of celebrating the Founder's day which also coincided with the Global Alumni Meet. As the past and the present merge together, the whole atmosphere of the MITIS premises has become vibrant and electrified. I am sure all the students and alumni will carry fond memories of this day when they leave the campus.

The institute is committed to impart state-of- the-art technical knowledge to students and imbibe them with ethical principles and practices in order to make them socially responsible technocrats capable of contributing hugely to the national growth.

With collective efforts of all faculty, staff, students and other stakeholders, I am confident that MITIS will achieve new heights in coming years under the patronage and guidance of our charismatic chairman and eminent members of the Board of Governors, and will live up to the vision of our founder, "The Great Visionary Jiwaji Maharaj"