

M.TECH (RESEARCH) PROGRAM

[A joint program of MPCST & IGNOU]

INFORMATION BROCHURE



Indira Gandhi National Open University
New Delhi



Madhya Pradesh Council of Science & Technology
Bhopal

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ABOUT MPCST

Madhya Pradesh Council of Science & Technology (MPCST) is an autonomous organization of Science & Technology Department, Government of MP with its headquarter located at Vigyan Bhawan, Nehru Nagar, Bhopal. The Executive Head of the Council is Director General who is also scientific advisor to the Govt. of MP. The MPCST campus is spread in approximately 10 acres of lush green area with state-of-art laboratory, library, auditorium, class rooms. Additionally, it has Field Campus at Obedullagaj (Dist. Raisen) dedicated to rural technology including tissue culture, organic farming, conservation of medicinal plants etc. The MPCST has several divisions actively engaged in science & technology activities. It has about 200 staff out of which approximately 50% are scientific in nature. The equipments, hardware, software and other facilities available at MPCST are at par with international standards, some of them are ISO certified.

ABOUT IGNOU

Indira Gandhi National Open University (IGNOU) is a Central University established in 1985 by an Act of Parliament. It is a National Resource Centre of Open and Distance Learning with international recognition and presence. It provides seamless access to sustainable and learner-centric quality education, skill up-gradation, training and capacity building across the country and abroad by making use of innovative technologies in distance education, open learning and on-line teaching learning methodologies. The University ensures convergence of existing systems of teaching-learning for the massive human resources required for promoting integrated national development and global understanding.

About the PROGRAM

The MPCST has initiated an ambitious "Madhya Pradesh Mission Excellence Program" with an aim and objective to develop excellent human capacity in the state. Under this scheme the "Vigyan Manthan" for school students, "Vigyan Srijan" for artisans, "Vigyan Anusandhan" for University students are already in operation. The proposed M. Tech. (Research) program, to be called as "Vigyan Unnayan", is next in the sequel conceived for working professionals for their skill up gradation.

A Memorandum of Understanding (MOU) has been signed between MPCST and IGNOU to develop various capacity building programs for Madhya Pradesh. While MPCST will conduct these programs, the degree will be awarded by IGNOU.

The unique **Master of Technology (Research)** program initiated at MPCST offers post graduate degree in four disciplines, 'Geo-Spatial Technology', 'Bio-Technology', 'Computational Technology' and 'Rural Technology' with 18 seats in each discipline. The degree is open for all working professionals, however, preference will be given to professionals from Govt./Semi-Govt. institutions located in M. P.

The course is unique as it has one semester class room teaching and three semesters on site project work. The selected professionals would be required to spend six month time at MPCST, Bhopal for class room teaching and

remaining eighteen months they may spend at their parent organization provided M. Tech. level project is feasible at their organization in terms of expertise and facility.

ADMISSION AND ELIGIBILITY

Generally, admission will be made on merit. However, MPCST will have right to conduct test, interview or whatsoever method as decided by MPCST. Reservation will be available as per exiting M.P. Govt. rules.

The general eligibility for admission to M. Tech (Research) program is:

- (i) A candidate shall possess Postgraduate Degree or equivalent and should have passed with at least 55% aggregate marks of all 4 semesters (CGPA 6).
or
A candidate shall possess B.E / B. Tech Degree in relevant areas and should have passed with at least 60% aggregate marks of all 8 semesters (CGPA 6.5).
- (ii) The candidate should have minimum working experience of FIVE years after obtaining eligibility of this course.
- (iii) The candidate must be sponsored by his/her parent organization.

However, the eligibility for admission to M. Tech (Research) in different Courses are different as given below:

S. No	Course Name	Eligibility for Admission	Work Experience
1	M. Tech (Research) Geo-Spatial Technology	M.Sc./ M.Tech or equivalent with at least 55% marks in 2 years course. or A candidate shall possess B.E / B. Tech / AMIE Degree in Civil, Electronics, Computer, IT, Agriculture Engg. and should have passed with at least 60% aggregate marks of all 8 semesters (CGPA 6.5).	The candidate should have minimum working experience of FIVE years. in S&T related R&D/application /implementation programs
2	M. Tech (Research) Computational Technology	M.Sc. or equivalent in any subject with at least 55% marks in 2 years course. or A candidate shall possess Graduation Degree in any branch of Engineering or Medical should have passed with at least 60% aggregate marks of all 8 semesters (CGPA 6.5).	The candidate should have minimum working experience of FIVE years in the field of computational sciences/IT
3	M. Tech (Research) Bio-Technology	M.Sc. or equivalent in any branch of Life Sciences having 65% marks. or A candidate shall possess B.E or B. Tech Degree in Bio-informatics, Nano Technology, Biotechnology, should have passed with at least 60% aggregate marks of all 8 semesters (CGPA 6.5).	The candidate should have minimum working experience of FIVE years in the field of biosciences.
4	M. Tech (Research) Rural Technology	Master degree in any subject with at least 55% marks of 2 years course or Graduation in Engg. Or Medical degree in any discipline with at least 60% marks (CGPA 6.5).	The candidate should have minimum working experience of FIVE years in rural Science/technology./ development/management, program.

FEE STRUCTURE

The fee structure is given in enclosed table. All Academic fee should be paid via Demand Draft payable to DG, MPCST payable at Bhopal. All University fee will be payable to Registrar IGNOU, New Delhi.

CONTACT

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Note:

- 1. MPCST will have every right to start or not to start any or all of the courses. The decision of MPCST in this regard will be final.**
- 2. Advance copy of application will be considered. MPCST is not responsible for any postal delay, however soft scanned copy of application can also be send to rkasrs@mpcost.nic.in as advance copy.**
- 3. Applicant must ensure that the main copy through proper channel with NOC from his/her employer reaches before last date of application, failing which the application will be summarily rejected. No interim correspondence will be entertained in this regard.**
- 4. If applied for more than one discipline, order of preference should be clearly mentioned as indicated in application form.**
- 5. The candidate must ascertain their eligibility before applying for the course. The application fee will not be refunded in any case.**