



**Mody Institute of Technology & Science**  
Deemed University under Sec. 3, of UGC Act, 1956  
(ISO 14001:2004 Certified)

**Faculty of Engineering & Technology (FET)**

**Necessary Information for the Ph.D. admission**

Male Candidates are also eligible to apply only for Ph. D. Programme

The selection will be based on written test & interview.

Please note the following points:

1. The candidate should satisfy the minimum eligibility criteria as per UGC guide lines.
2. Part-time Ph.D. scholars will have to reside in Lakshmanagarh for a period of not less than 6 months during his/her tenure for Ph.D. programme for completing the pre Ph.D. course work.

Department-wise availability of seats is as under:

**ECE/EEE department:**

S. No.	Area of Specialization	Available number of seats
1.	Microelectronic	05
2.	Wireless Communication	08
3.	Wireless Sensor Networks, Communication Engineering	03
4.	Semiconductor Quantum structures	05
5.	Artificial Intelligence, Soft computing and Nonlinear Control System	02

**CSE/IT department:**

S. No.	Area of Specialization	Available number of seats
1.	Networking (Wireless, Sensor, Mobile Wireless Ad-Hoc, etc.)	09
2.	Pattern recognition, Neural networks, Digital Image Processing, Computer Networks, Information Security, Web Technologies.	02
3.	Soft Computing, Information security	02
4.	Software Engineering & Computer Networks	06

**Mechanical Engineering:**

S. No.	Area of Specialization	Available number of seats
1.	Machine Design	03

**Nuclear Science:**

<b>S. No.</b>	<b>Area of Specialization</b>	<b>Available number of seats</b>
1.	Nuclear Science & Technology	03
2.	Physics and Technology of Plasmas	03
3.	Alternate Nuclear Fusion concepts	03
4.	Industrial Plasma Applications	03

**Science and Humanities:**

<b>S. No.</b>	<b>Area of Specialization</b>	<b>Available number of seats</b>
1.	Solid State Physics/ Solid State Electronics/ Solar Energy/ Physics of Polymeric Materials/ Laser Physics/ Photonics & Non-Linear Optics	06
2.	Operation Research/ Laminar Flow, fluid dynamics/ Soft Computing/ Approximation theory, Summability theory, Applied Statistics/ Pure Mathematics	06
3.	Physical Chemistry, Colloids & Dispersion / Heterogeneous Catalysis/ Organo-metallic Chemistry/ Organic Synthesis/ Inorganic Chemistry/ Materials Chemistry	06