

## Department of Physics

### Shortlisting Criteria for MTech programmes (PHA, PHM and JOP)

#### For admission through COAP-2020

<b>Shortlisting criteria for M.Tech. (in APPLIED OPTICS) - PHA</b>				
First short-listing condition : Minimum marks the candidate must have secured in the qualifying degree/examination				
S. No.	Qualifying degree	Eligibility criteria: Minimum Aggregate percentage (CGPA, on 10 point scale) in the qualifying degree		
		GEN/GEN(EWS)	OBC(NCL)	SC/ST/PwD
1.	M.Sc. Or B.Tech.	60%(6.00)	60%(6.00)	55%(5.5)
	Note: In case the candidate has integrated degree (B. Tech. + M. Tech. or B.Sc. +M.Sc.) degree, the marks in 10+2 examination are considered as the preceding examination.			
	<b>Eligible Degree and Discipline:</b> B. Tech. : <i>Engineering Phys./Electrical Engg./Electronics &amp; Commun. Engg./ Mech. Engg./ Instrumentation Engineering.</i> M.Sc. : <i>Physics</i>			
Second short listing conditions:				
2A.	The candidates with M.Sc. ( <i>Physics</i> )/B.Tech., B.E. ( <i>Engineering Physics</i> ) as the qualifying degree must have a minimum valid GATE score (in <b>PH</b> discipline) of:	GEN/GEN(EWS)	OBC(NCL)	SC/ST/PwD
		350	315	235
2B.	The candidates with B.Tech. or B.E. in <i>Electrical Engineering or Electronics and Communication</i> , as the qualifying degree must have a minimum valid GATE score (in <b>PH/EE/EC/ME/IN</b> disciplines) of:	700	630	455
<b>Note:</b>				
1. There will be <b>no</b> admission to M. Tech. Programme on part-time or self-sponsored basis. 2. The candidates possessing <b>qualifying degree from IITs with CGPA <math>\geq</math> 8.0</b> considered for admission via <b>online interview</b> . 3. The remaining (excluding those in 2. above) seats will be filled by other candidates on the basis of the valid GATE Score.				

## Shortlisting criteria for M.Tech. (in **SOLID STATE MATERIALS**) - **PHM**

First short-listing condition : Minimum marks the candidate must have secured in the qualifying degree/examination

S. No.	Qualifying degree	Eligibility criteria: Minimum Aggregate percentage (CGPA, on 10 point scale) in the qualifying degree		
		GEN/GEN(EWS)	OBC(NCL)	SC/ST/PwD
	M.Sc. Or B.Tech.	60%(6.00)	60%(6.00)	55%(5.5)
1.	Note: In case the candidate has integrated degree (B. Tech. + M. Tech. or B.Sc. +M.Sc.) degree, the marks in 10+2 examination are considered as the preceding examination.			
	<b>Eligible Degree and Discipline:</b> B. Tech. : <i>Engineering Phys./Electrical Engg./Electronics &amp; Commun.Engg.</i> M.Sc. : <i>Physics</i>			

Second short listing condition:

		GEN/GEN(EWS)	OBC(NCL)	SC/ST/PwD
2A.	The candidates with M.Sc. ( <i>Physics</i> )/B.Tech., B.E. ( <i>Engineering Physics</i> ) as the qualifying degree must have a minimum valid GATE score (in <b>PH</b> discipline) of:	350	315	235
2B.	The candidates with B.Tech. or B.E. in <i>Electrical Engineering or Electronics and Communication</i> , as the qualifying degree must have a minimum valid GATE score (in <b>PH/EE/EC</b> disciplines) of:	700	630	455

**Note:**

1. There will be **no** admission to M. Tech. Programme on part-time or self-sponsored basis.
2. The candidates possessing **qualifying degree from IITs with CGPA  $\geq 8.0$**  considered for admission via **online interview**.
3. The remaining (excluding those in 2. above) seats will be filled by other candidates on the basis of the valid GATE Score.

**Short-listing criteria for M. Tech.**  
**(in Optoelectronics and Optical Communication) - JOP**

First short-listing condition: Minimum marks the candidate must have secured in the qualifying degree/examination

S.No	Considered qualifying degree	Eligibility criteria: aggregate percentage (CGPA on 10 point scale)			
		Minimum marks	GEN	OBC(NCL)	SC/ST/PwD
1	M.Sc. or B. Tech.	in qualifying degree	60%(6.00)	60%(6.00)	55%(5.5)

Eligible Degree and Discipline:

B. Tech.: Engineering Physics

M.Sc.: Physics

Second short listing condition:

2	The candidates with M. Sc. (Physics)/B. Tech./B.E. (Engineering Physics) as the qualifying degree must have a minimum valid GATE score (in <b>PH discipline</b> ) of:	GEN	OBC(NCL)	SC/ST/PwD
		350	315	235

**Note:**

1. There will be **no** admission to M. Tech. Programme on part-time or self-sponsored basis.
2. The candidates possessing **qualifying degree from IITs with CGPA  $\geq 8.0$**  considered for admission via **online interview**.
3. The remaining (excluding those in 2. above) seats will be filled by other candidates on the basis of the valid GATE Score.