

National Institute of Technical Teachers' Training and Research, Bhopal, M.P.

**Details of Qualifications and Experience**

For Advertisement No.: 01/2017-18

***Minimum Qualifications and Experience as per A.I.C.T.E. norms:***

**Engineering and Technology:**

**Professor:** (Rs 37400-67000+AGP Rs 10000 fixed at a stage not below Rs 43000) (6<sup>th</sup> pay commission).

BE/B.Tech. and ME/M.Tech. in relevant branch with First Class or equivalent, either in BE/B.Tech or ME/M.Tech.

Ph.D. or equivalent in the relevant discipline from a reputed institute, with minimum of 10 years teaching/ research / industrial experience of which at least 5 years should be at the level of Associate Professor. Post Ph. D publications in journals of repute and guiding Ph.D. students is highly desirable.

OR

Minimum of 13 years experience in teaching and/or Research and/or Industry.

In case of research experience, good academic record and books/research paper publications/ IPR/ Patents record shall be required as deemed fit by the expert members of the Selection Committee.

If the experience in industry is considered, the same shall be at managerial level equivalent to Associate Professor with active participation record in devising/designing, planning, executing, analyzing, quality control, innovating, training, technical books/research paper publications/IPR/patents, etc. as deemed fit by the expert members of the selection committee.

Note: Equivalence for Ph.D. is based on publication of 05 International Journal Papers, each Journal having a cumulative impact index of not less than 2.0, (SCI, SCOPE, H Index, I Index, citations) with incumbent as the main author in all five publications being in the author's area of specialization.

*Desirable specialization in different disciplines in addition to above is given in Annexure:*

**Assistant Professor:** (15600-39100+ AGP 6000) **(on Contract)**

BE/B.Tech. and ME/M.Tech. in relevant branch with First Class or equivalent either in BE/B.Tech. or ME/M.Tech.

Ph.D. or equivalent in the relevant discipline from a reputed institute is desirable.

*Desirable specialization in different disciplines in addition to above is given in Annexure:*

**Research Fellow (on Contract)**

(As per UGC/CSIR/AICTE norms)

- First year : Rs. 25000/- consolidated
- Second year : Rs. 28000/- consolidated (after appraisal regarding satisfactory performance)
- Last year : Rs. 38000/- consolidated (after appraisal regarding satisfactory performance)

BE/B.Tech. and ME/M.Tech. in relevant branch with First Class or equivalent either in BE/B.Tech. or ME/M.Tech. The research fellow should be GATE qualified.

*Desirable specialization in different disciplines in addition to above is given in Annexure:*

**(a) Department of Electrical and Electronics Engineering**

Specialization in Digital Communication Engineering, preferably related to Wireless Communication/Signal Processing/ Data & Computer Communication/ Optical Communication.

**(b) Department of Civil and Environmental Engineering**

Specialization in Construction Technology/Construction Management/Structural Engineering.

**(c) Department of Computer Engineering and Applications**

Specialization in Machine Learning/ Data Analytics and Business Intelligence/ Cloud computing/ Network and Information Security/ Data Security/ Big data/ Artificial Intelligence and Machine learning.

**(d) Department of Mechanical Engineering**

Specialization in Production Engineering/ Advance Manufacturing Systems/ Design, Computer aided Design/ Analysis and Manufacturing/ Robotics/ Mechatronics.

**Note:** Number of research publications in quality international journals is desirable for all positions.

Sl. No.	Post	Department	No. of Posts	Category	Age Limit
1	2	3	4	5	6
1.	Professor (regular basis) Payband-37400-67000 AGP-10000/- (Total Posts 05)	Electrical & Electronics Engg.	01	UR	Max. Age 55 years
		Civil & Environmental Engg.	02		
		Computer Engg. & Applications	01		
		Mechanical Engg.	01		
2.	Assistant Professor (Contract) Pay band-15600-39100 AGP-6000/- (Total Posts 10)	Electrical & Electronics Engg.	02	UR	Min. Age 21 Yrs. & Max. Age 35 Yrs. Relaxation as per norms SC/ST 5 years, OBC 3 years.
		Civil & Environmental Engg.	04	2 (UR), 1(OBC) 1 (SC)	
		Computer Engg. & Applications	02	1 (UR), 1(OBC)	
		Mechanical Engg.	02	UR	
3.	Research Fellow (contract) (Total Posts 10) <ul style="list-style-type: none"> <li>• First year: 25000/- consolidated</li> <li>• Second year: 28000/- consolidated</li> <li>• Last year: 38000/-</li> </ul>	Electrical & Electronics Engg.	02	UR	Min. Age 21 Yrs & Max. Age 35 years. Relaxation as per norms SC/ST 5 years, OBC 3 years.
		Civil & Environmental Engg.	04	2 (UR), 1(OBC) 1 (SC)	
		Computer Engg. & Applications	02	2 (UR)	
		Mechanical Engg.	02	1 (UR) 1(OBC)	