



मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान जयपुर

जे. एल. एन. मार्ग जयपुर-302017 (राजस्थान), भारत

**Malaviya National Institute of Technology Jaipur**

(An Institute of National Importance under Ministry of  
Education, Govt. of India)

**J. L. N. Marg – 302017 (Rajasthan), India**



**ADVERTISEMENT No. AES/MNIT/ESTT/2021/TEACHING/02**

**Recruitment for Faculty Positions**

Online applications are invited from Indian Nationals for filling up faculty position at the level of **Associate Professor (Level-13A2)** in various departments of the Institute. For details and other information visit institute website [www.mnit.ac.in](http://www.mnit.ac.in).

Online application process will start from **15<sup>th</sup> February, 2021** and submission link will be disabled on **19<sup>th</sup> March, 2021**.

**Registrar**

# MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY

(An Institute of National importance under MoE, Govt. of India)

J L N Marg, Jaipur-302017, Rajasthan, INDIA.

(Advertisement No. AES/MNIT/ESTT/2021/TEACHING/02)

Recruitment for Faculty Positions at the level of **Associate Professor** in various Departments of the Institute.

1. Malaviya National Institute of Technology Jaipur is one among 31 NITs established by GOI, an Institution of National importance declared by the Act of Parliament and a premier technical Institution of the country, offering several Undergraduate, Postgraduate and Doctoral Programmes in Engineering, Sciences, Management, Humanities and Social Science and Architecture, and also provides excellent ambience for academic research and co-curricular activities.
2. The Institute invites applications for the faculty positions at the level of Associate Professor in various Departments of the Institute, from Indian Nationals possessing excellent academic record, commitment to quality teaching, potential for carrying out outstanding research and inclination towards institutional development.
3. **Interested candidates must apply ONLINE only through the Institute website <https://www.mnit.ac.in>. Applications received through any other mode shall not be accepted and summarily rejected.** Every completed online application shall be identified by a **unique application reference number, which should be used for all future communication.** The candidates are advised to download the same from Institute website and send hard copy of the downloaded PDF of the filled application form along with the self-attested copies of the relevant testimonials, certificates, enclosures etc. by speed post/registered post/courier to:

**The Deputy Registrar,  
Administration & Establishment Section,  
Prabha Bhawan, Malaviya National Institute of Technology, Jaipur  
JLN Marg, Jaipur, Rajasthan-302017, India**

The last date of receipt of hard copy of duly filled application form along with all self-attested supporting documents and application fee details is **26<sup>th</sup> March, 2021 by 05:30 PM.**

4. **Prescribed Minimum Qualification and Experience for Faculty Positions as per Gazette Notification NIT (Amendment) Act 2017 for the faculty positions prescribed by the Ministry of HRD, Govt. of India, New Delhi vide their letter No.F.No.35-5/2017- TS.III dated 28<sup>th</sup> July, 2017 under Schedule E and as per oversight committee resolution (MHRD vide F.No.33-9/2011/TS.III dated 16<sup>th</sup> April 2019.**

S. No.	Designation, Pay Band and Academic Grade Pay	Essential Qualifications	Essential Requirements	Cumulative Essential Credit Points
1	<b>Associate Professor</b> At entry level of pay level 13A2 as per 7 <sup>th</sup> CPC	Ph. D.	Six years after Ph.D of which at least Three years at the level of Assistant Professor with Academic Grade Pay of ₹8000; OR Nine years total working experience, of which Three years should be after Ph.D, with at least Three years at the level of Assistant Professor with Academic Grade Pay of ₹8000.	50

**Notes:**

- (i) The Institute reserves the right to modify / defer or cancel the advertisement / recruitment at any stage of processing without assigning any reasons.
- (ii) Vacancies shall be filled as per the Institute requirements within the sanction / vacant positions category wise.
- (iii) Reservation in Direct recruitment shall be applicable as per Govt. of India Norms. The Gazette of India, Part II., Section 1, No. 22, & Part II., Section 3, No. 1013, dated 7th March, 2019 and Govt. of India, No,36039/1/2019-Estt (Res),dated 31<sup>st</sup> January, 2019.
- (iv) **Working Experience from institute of repute will only be considered as per oversight committee resolution (MHRD vide F.No.33-9/2011/TS.III dated 16<sup>th</sup> April 2019).**
- (v) Candidates need to go through following two documents along with this advertisement before starting filling application form,
  - a. Ref. Gazette of India No.651, dated July, 24, 2017 from Ministry of HRD, Govt. of India, New Delhi vide their letter No.F.No.35-5/2017- TS.III dated 28th July, 2017).
  - b. (MHRD vide F.No.33-9/2011/TS.III dated 16th April 2019), as per oversight committee resolution.

Both documents are available on the institute website along with this advertisement.

5. The tentative areas of Specialization for the post of Associate Professor in various Departments, however the Institute reserves the right to select/ consider any area of specialization:

<b>A. Engineering and Architecture &amp; Planning Departments:</b>		
<b>S. No.</b>	<b>Name of Department</b>	<b>Specializations Required</b>
1	<b>Civil Engineering</b>	Geotechnical Engineering, Environmental Engineering, Transportation Engineering, Structural Engineering, Water Resources Engineering, Surveying, Building and Construction Technology and Disaster Assessment & Mitigation.
2	<b>Chemical Engineering</b>	Modeling, Simulation and Control (molecular modeling and process simulation and control), Catalysis and Reaction Engineering (bio catalysis and fermentation), Energy Technology (energy storage, biomass energy), Polymer Technology, Process intensification and Petroleum Engg./Technology & Nonmaterial's
3	<b>Mechanical Engineering</b>	Thermal Engineering, Industrial Engineering, Design Engineering, Manufacturing Engineering, 3D Printing, Light Weight Composites and Production Engineering.
4	<b>Metallurgical and Materials Engineering</b>	Process Metallurgy, Extractive Metallurgy, Physical Metallurgy, Mechanical Metallurgy, Materials Engineering, Ceramic Engineering, Materials Science, Nanomaterials, any emerging area related to its discipline in Metallurgical and Materials Engineering.
5	<b>Electrical Engineering</b>	Power systems, Power Electronics, control systems, Instrumentation, signal processing, Electrical machines, energy systems, Renewable Energy Engineering, DSP, AI.
6	<b>Electronics &amp; Communication Engineering</b>	MEMS/NEMS, Mixed Signal Circuits, RF Integrated Circuits, VLSI Testing, verification, Formal verification, Hardware-Software Co-Design, SoC Design, Microprocessors & Microcontrollers-architecture & interfacing, Advanced Computer Architecture-Parallel, Multicore, high-performance, Embedded Systems & IoT Security, Real time systems, Embedded Software design, Signal and Image Processing, Communication Systems, Wireless & Mobile Communication, Communication Networks,

		Information & Coding Theory, Optical Networks, Cyber/Information Security, Graphs, Algorithms & Optimization, Computer Networks.
7	<b>Computer Science &amp; Engineering</b>	Software Engineering, Machine Learning, Programming Languages, DBMS & Data Science, Computer Networks (Advanced Networks, Wireless), Security, Image Processing/Computer Vision, AI and Robotics, Data Structure and Algorithms, Computational Mathematics (Logic, Discrete Structures), Theoretical Computer Science (Automata, Compilers), Digital Logic and Microprocessors (including VLSI), Distributed and Parallel Computing (including Cloud), Systems (Embedded, OS, /Etc.), Platform based Computing (Web, Android, Gaming), Human Computer Interaction.
8	<b>Architecture &amp; Planning Department</b>	Ph.D. in relevant specialization in Architecture or Planning.
<b>B. Science Department:</b>		
9.	<b>Physics</b>	Condensed Matter Physics, Materials Science, Experimental High Energy Physics, Cosmology, Astroparticle Physics, Theoretical High Energy Physics, Laser & Optics, Plasma Physics, Quantum Computation.
<b>C. Management Department:</b>		
10.	<b>Management Studies</b>	Operations Management; Marketing Management; Business Intelligence and Analysis; Financial Management; Human Resource Management and General Management

The minimum eligibility for various Departments is prescribed in the following table

<b>Department</b>	<b>Minimum Eligibility</b>
Engineering Departments	First Class in B.Tech./B.E. with Ph.D. in relevant branch / discipline / stream
Architecture and Planning	First Class in B.Arch. and First Class in M.Arch./M.Plan with Ph.D. in relevant branch / discipline
Physics	First Class in Masters' Degree with Ph.D. in relevant branch/discipline
Management Studies	First Class in MBA with Ph.D. in Management

#### 6. Facilities extended to the regular faculty members of MNIT, Jaipur

As per the norms, the Institute extends following facilities to its regular faculty members, which may change from time to time:

- a) Financial assistance for attending national/international conferences for presenting researchpapers sponsored training in India and abroad, membership of professional societies etc, under the scheme of Cumulative Professional Development Allowance (CPDA).
- b) Suitable in-campus accommodation depending on availability may be provided on recovery of license fee as per Institute norms. However, such newly recruited faculty member will not be eligible for HRA.
- c) Medical Facilities to faculty and his/her dependent family members as per Institute norms.
- d) Reimbursement of tuition fees for children studying upto class XII as per Government of India norms.

- e) Transportation Allowances as per Government of India norms.
- f) LTC / fresh appointee LTC as per Government of India norms.

7. Qualification and other terms and conditions of appointment of Associate Professor:

As prescribed in Schedule 'E' of NIT Statutes (Amended 2017) (Ref. Gazette of India dated July, 24, 2017). Link for the same is available on the website <http://www.mnit.ac.in>. Candidates are requested to go through the details of posts and instructions available on the website carefully before applying.

- a) All degrees acquired by the applicant should be from an Institute/University recognized by the UGC/AICTE/AIU/GOI.
- b) All new entrants shall have Ph.D. in the relevant or equivalent discipline and shall have first class in preceding degrees. Here, 'preceding degrees' means Bachelors' Degree onwards.
- c) In case first class is not mentioned in the preceding degrees, then the candidates should have passed and secured at least 6.5 CGPA (on a 10-point scale) or 60% marks in aggregate.
- d) Conversion from CGPA to percentage or vice versa given by individual Institute/University will not be considered / allowed for determination of eligibility.
- e) In case the candidate has secured CGPA under any other point scale (other than 10 point scale), then certificate issued by the authorized signatory (not the Mentor/Supervisor/Head of the Department) of the Institute/University to the effect of having secured first class in such degree must be attached. Alternately, the CGPA may be equivalently converted on 10 point scale for determination of eligibility.
- f) The above mentioned CGPA/Percentage/Degree should be awarded by a recognized University/Institute,
- g) Candidates having PhD, directly after B.Tech, may also apply and shall be considered eligible, if they fulfill other criteria.

Mere fulfilling the minimum eligibility criteria shall not entitle an applicant to be called for presentation and/or interview. The Institute reserves the right to restrict number of candidates to be called for presentation and/or interview for a particular post based on superior academic record, reputation of the institution from where the candidate has obtained his/her degrees, specialization (including micro specialization) and professional experience. Candidates are required to go through the details of posts and instructions included herewith before applying to ensure their eligibility for the post.

- 8. **Age Limit:** Fresh appointment beyond the age of 60 years is discouraged except in the case of faculty with exceptionally brilliant research career and with on-going or approved externally funded research project.
- 9. **Period of Probation and Age of Superannuation:** Subject to the provisions of the Act and the Statutes, all appointments to posts under the Institute shall be made on probation for a period of one year. On completion of probation period the appointee, if confirmed, shall continue to hold his/her office subject to the provisions of the Act and the Statutes, till the end of the month in which he/she attains the prescribed maximum age for teaching posts, provided that the appointing authority shall have the power to extend the period of probation of any employee of the Institute for such periods as may deem fit. The age of superannuation for various classes and categories of the employees of the Institute shall be as specified by the MoE, GOI.
- 10. **Application Fee:** Each application must be accompanied by non-refundable Application Fee of Rs. 1000/- (One Thousand only) for GEN and OBC applicants applying from within India, US \$ 25/- (US Dollars Twenty-Five only) for GEN and OBC candidates applying from abroad, Rs. 250/- (Two Hundred fifty only) for SC/ST/ PWD candidates and US \$ 10/- (US Dollars Ten only) in case of SC/ST/PWD candidates applying from abroad. The Application Fee should be remitted

Online only (online payment option is available in Application Form) and the proof of depositing fee should be submitted along with online application in the form of Receipt/UTR

11. To avoid in-breeding, candidates who have obtained their most recent degree (Ph.D.) from this Institute will normally be not considered for recruitment, except where there is a 3 years gap between award of Ph.D. degree (provisional or final) and the last date of submission of application forms under this advertisement.
12. All recruitment and pay-fixation shall be done by the Board of Governors (BoG) of the Institute only on the recommendations of duly constituted Selection Committees. The decision of the Appointing Authority shall be final.
13. Higher starting pay may be offered to deserving candidates on the recommendation of the Selection Committee upon approval of the Board of Governors.
14. Since all regular posts are to be filled up through Direct Recruitment, internal candidates aspiring for higher posts/ Pay Levels may also apply through online portal only subject to fulfilling eligibility criteria.
15. The essential qualification, essential requirements and cumulative essential credit points advertised herewith shall be governed by the Schedule 'E' of NITs Statutes (issued vide Gazette of India No. 651, dated July, 24 2017).
16. The essential qualification, essential requirements and cumulative essential credit points are the minimum criteria only for deciding the eligibility. This shall not ensure short-listings for presentation and/or Interview / Selections. Institute/Department will make attempt to set "short listing criteria" that can be easily implemented, Short listing criteria may include, among others, such conditions as:
  - a) Specialization, including micro specialization
  - b) Superior academic record-all through first class career or higher grades in UG and/or PG, higher than advertised criteria.
  - c) Reputation of Institutions from where the candidate has obtained his degrees.
17. No person, (i) who had entered into or contracted a marriage with a person having a spouse living; or (ii) who is having a spouse alive, has entered into or contracted a marriage with any person, shall be eligible for appointment to the said post.
- 18. The last date of receiving hard copy of the duly filled application form along with the self-attested copies of the relevant testimonials, certificates, enclosures etc. is 26<sup>th</sup> March, 2021 (05.30 P.M.). The institute shall not be responsible for any type of delay under any circumstances including delay in postal transit.**

## **19. GENERAL INSTRUCTIONS AND INFORMATION**

- a) Candidates must apply online ONLY through the website <http://www.mnit.ac.in>. Applications received through any other mode shall not be accepted and summarily rejected. Every completed online application shall be identified by a unique application reference number, which should be used in any future communication. The candidates are advised to download the same from Institute website and kept hard copy of the duly filled application along with the proof of required fee deposited in the specify bank account. The duly completed application form along with the self-attested copies of relevant testimonials, certificates, enclosures etc. to be sent by Speed/Registered Post to the Registrar, Malaviya National Institute of Technology, Jawahar Lal Nehru Marg, Jaipur -302017 (Rajasthan), India failing which their candidature will not be considered. The envelope containing the application be superscripted as

APPLICATION FOR THE POST OF.....

DEPARTMENT.....

- b) Candidates who wish to apply for more than one department, he/she should apply separately for each department and separate application must be submitted for each Department along with prescribed Application Fee.
- c) The Institute reserves the right to modify/ defer or cancel full / part of the advertisement / recruitment at any stage of processing without assigning any reason.
- d) The Institute shall retain the applications of non-shortlisted candidates only for three months after the completion of recruitment process.
- e) Applications which are not in prescribed format without relevant supporting documents and fee shall be summarily rejected. No correspondence shall be entertained in this regard.
- f) Candidates shall indicate two references of eminent persons in the field/ profession who may be contacted by the Institute for their recommendations.
- g) As per the resolution of NIT Council to maintain the National character of NIT's, the Institute shall strive to fill fifty percent (50%) of the vacancies from outside thestate.
- h) The Institute has the right to set higher norms than bare minimum and areas of specialization as listed in respective Departments while shortlisting, taking into account the specific requirements of the individual Departments. The short listing norms may not be uniform across the Departments of the Institute and shall be a binding on all the applicants. The decision of the Institute related to all matters pertaining to the recruitment shall be final and binding on the applicants.
- i) The date for determining eligibility of candidates in every respect i.e. qualifications, experience and preferred age limit etc, shall be considered as on the closing date, i.e. the last date of the submission of application form.
- j) The short-listed candidates may be required to appear for presentation/seminar in the respective departments, in addition to facing the Selection Committee. No TA/DA will be paid for attendingtest/interview.

- k) Only candidates who are located outside the country may be interviewed over video conferencing or be selected in absentia at the discretion of the selection committee.
- l) Persons serving in Govt. / Semi Govt. / PSUs / Universities / Educational institutions should send their applications either **THROUGH PROPER CHANNEL** or should furnish a **NO OBJECTION CERTIFICATE** from the Competent Authority of the serving organization, at the time of presentation and/or interview otherwise they may not be allowed to appear in the presentation and/or interview. However, they can submit the advance copy of the application form.
- m) The institute reserves the right to fill or not to fill any or all the posts advertized.
- n) Canvassing in any form and/or bringing any influence of any form will be treated as disqualification for the post applied.
- o) Relevant Caste/Tribe/Community certificates are required to be submitted in prescribed proforma duly completed in all aspects. No other form of certificate will be accepted as a sufficient proof. The caste of the candidate must be in the state-wise central list of SCs given at

<http://socialjustice.nic.in/UserView/PrintUserView?mid=76750>or

<http://socialjustice.nic.in/UserView/index?mid=76750>

The caste of the candidate must be in the state-wise central list of STs given at

<https://tribal.nic.in/ST/LatestListofScheduledtribes.pdf>

- p) OBC certificate issued on or after 1<sup>st</sup> April, 2019 shall be considered for reservation under OBC (Non-Creamy Layer) category. The certificate should clearly mention that the candidate belongs to non-creamy layer and the caste of the candidate must be in the state-wise central list of OBCs given at [http://www.ncbc.nic.in/User\\_Panel/CentralListStateView.aspx](http://www.ncbc.nic.in/User_Panel/CentralListStateView.aspx).
- q) The persons with disability (PWD) shall be required to submit the Disability/Medical Certificate in the proforma prescribed and issued by the competent medical authorities for the purpose of employment as per Government of India norms with duly completed application form. Persons suffering from not less than 40% of the disability shall only be eligible for the benefit of reservation under this category. The certificate will be rejected if the disability is less than 40%.
- r) Original documents along with one set of self-attested copies will have to be produced at the time of presentation and/or interview for verification.
- s) The applicants are advised / required to visit the Institute website [www.mnit.ac.in](http://www.mnit.ac.in) regularly. The list of candidates short listed for further participation in the selection process such as presentation/interview etc. will be displayed on the Institute website. No separate communication / intimation in this regard shall be made by the institute.
- t) The short-listed candidates will be invited by the Chairman, ACoFAR or the Registrar for presentation and/or personal interview. In addition, the institute may seek seminar presentation in



the Departments, and/or any other form of academic interaction with the faculty. The feedback of the candidate will be communicated to the Selection Committee by the HOD.

- u) Only selected candidates will be informed through Speed Post/email by the authority.
- v) Legal disputes, if any, with Malaviya National Institute of Technology, Jaipur will be restricted within the jurisdiction of Jaipur only.

## **20. REQUIREMENT OF DOCUMENTS/CERTIFICATES/DEGREES**

The following Documents/Certificates are required to be brought in original along with one set of self-attested photocopy of the same, the printout of the Online Recruitment Application and receipt/proof of Application Fee deposited in the bank, at the time of presentation/ interview, failing which the candidature would summarily be rejected and candidate would be debarred from further participation in the selection process.

- a. Matriculation/10<sup>th</sup> Standard or equivalent certificate indicating date of birth, or mark sheet of Matriculation/10<sup>th</sup> Standard or equivalent issued by Central/State Board indicating date of Birth in support of their claim of age. Where date of birth is not available in certificate/mark sheets, issued by concerned Educational Boards, School leaving certificate indicating date of Birth will be considered.
- b. Higher Secondary / Class XII (or equivalent) board marks sheet.
- c. Degree/Diploma certificate along with mark sheets pertaining to all the academic years as proof of educational qualification claimed. In the absence of a particular Degree certificate, mark sheets of the Degree program will be accepted.
- d. NOC and experience Certificate(s) from the Head(s) of Organization(s) Department(s) for the entire experience claimed, clearly mentioning the duration of employment (date, month & year) indicating the basic pay and consolidated pay. The certificate(s) should also mention the nature of duties performed/experience obtained in the post(s) with duration(s).
- e. Credit Point Calculation Sheet is to be filled by the applicant for the post applied and to be submitted along with proof of credit point claimed, with the Application Form.
- f. Caste certificate by candidate seeking reservation as SC/ ST/OBC, in the prescribed Performa only from the competent authority indicating clearly the candidate's Caste, the Act/ Order under which the Caste is recognized as SC/ ST/OBC and the village/ town the candidate is ordinarily a resident of.
- g. Physically Handicapped certificate in prescribed Performa only issued by the competent authority to the Person with Disability for being eligible for appointment to the post on the basis of prescribed standards of Medical Fitness.
- h. Photo identity card issued by Govt. agency/last attended institution / University.
- i. Any other relevant documents in support of the entries filled in application form.

**NOTE-I:** Date of birth mentioned in Online Recruitment Application is final. No subsequent request for change of date of birth will be considered or granted.

**NOTE-II:** The period of experience rendered by a candidate on part time basis, daily wages, visiting/Guest faculty will not be counted while calculating the valid experience for short listing the candidates for interview.

Date: 11.02.2021

**Registrar**

Place-Jaipur, Rajasthan, India