



मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
इलाहाबाद-२११००४ [भारत]
Motilal Nehru National Institute of Technology Allahabad
Allahabad-211004 [India]

Advertisement No. 04 /Teaching, Dated 13.04.2013

Recruitment for Faculty Positions in Various Departments

Motilal Nehru National Institute of Technology Allahabad [MNNIT Allahabad], an Institution of National Importance declared by the Act of Parliament and a premier technical institution of the Country, offers several undergraduate, postgraduate and doctoral programmes in Technology, Science, Management & allied areas, and also provides excellent ambience for academic research and co-curricular activities.

Applications are invited for faculty positions at the levels of Professor, Associate Professor & Assistant Professor in various departments.

Interested candidates may apply on the prescribed format available on the Institute website <http://www.mnnit.ac.in>. The completed application form along with all the supporting documents and application fee in the form of demand draft must reach the following address latest by **30.04.2013** upto **5.30 P.M.**.

The Registrar
Motilal Nehru National Institute of Technology Allahabad
Allahabad-211 004

For further details please visit the Institute website www.mnnit.ac.in

Registrar

Recruitment of Professor, Associate Professor & Assistant Professors
in Various Departments

Applications are invited from Indian Nationals for faculty positions at the levels of Professor, Associate Professor & Assistant Professor in the following departments/school/cell of the Institute:

Sl. No.	Departments/School/Cell	Positions available
1.	Department of Applied Mechanics	Professor, Associate Professor & Assistant Professor
2.	Department of Biotechnology	Professor & Associate Professor
3.	Department of Chemical Engineering	Professor & Associate Professor
4.	Department of Civil Engineering	Professor, Associate Professor & Assistant Professor
5.	Department of Computer Science & Engineering	Professor, Associate Professor & Assistant Professor
6.	Department of Electrical Engineering	Professor, Associate Professor & Assistant Professor
7.	Department of Electronics and Communication Engineering	Professor, Associate Professor & Assistant Professor
8.	Department of Mechanical Engineering	Professor, Associate Professor & Assistant Professor
9.	Department of Mathematics	Professor & Associate Professor
10.	Department of Humanities and Social Sciences	Assistant Professor
11.	Department of Physics	Professor
12.	School of Management Studies	Professor, Associate Professor & Assistant Professor
13.	GIS [Geographic Information System] Cell	Professor, Associate Professor & Assistant Professor
14.	Training and Placement	Professor

Facilities extended to the faculty members of MNNITAllahabad

The Institute extends following facilities to its faculty members as per norms, which may change from time to time.

1. Financial assistance for attending National/International Conferences for presenting paper or chairing session, for sponsored training in India and abroad, membership of professional societies etc. under the scheme of Cumulative Professional Development Allowance [CPDA] limited to ₹1.00 lakh per annum subject to the maximum limit of ₹3.00 lakh in a block period of three years.
2. An initial Research Grant up to ₹2.00 Lakh for new faculty.
3. Provision for undertaking consultancy and testing work as per Institute norms.
4. On campus residence [depending on availability], club and transportation facilities on nominal charges.
5. Medical Facilities to faculty and their dependent family members as per rules.
6. Telephone facility and criteria based mobile facility.
7. Transfer TA on retirement.

Qualification, Experience and pay scale for Faculty Positions

Essential Qualification and Experience[As per [Model Recruitment Rules for Faculty of NITs](#)]

- (a) Professor in Pay Band 4 (₹37400-67000/-) with AGP: ₹ 10000/-
[The minimum pay in the Pay Band will be ₹43,000/-]

Designation, Pay Band and Academic Grade Pay	Essential Qualification	Relevant Experience	Other Essential Requirements	Additional Desirable Requirements	Age: preferably below
Professor Grade Pay ₹10000/- PB-4	Ph.D.	10 years after Ph. D., or 13 years [not counting Ph.D. enrolment period] total out of which 7 years to be after Ph. D. Including 3 years at Associate Professor level.	Two Ph. D.s guided in career as sole or principal supervisor, plus one ongoing. The following during the past 4 years: (i) 3 papers in SCI journals*; (ii) One high value sponsored or consultancy project; (iii) Two self financed or four Govt. sponsored short-term courses as coordinator and main teacher, (iv) Two experiments or computational design projects added to teaching laboratories where appropriate.	One or more patents; supervised more than three students for Ph. D., Preparing E-Learning material. At least one self-financed short-term course offered every year. Strong liaison with industry; Offering significant support to institute management; High value sponsored or consultancy projects.	N.A.

- (b) Associate Professor in Pay Band 4 (₹37400-67000/-) with AGP: ₹ 9000/-

Designation, Pay Band and Academic Grade Pay	Essential Qualification	Relevant Experience	Other Essential Requirements	Additional Desirable Requirements	Age: preferably below
Associate Professor Grade Pay ₹9000/- PB-4	Ph.D.	6 years after Ph. D., or 9 years [not counting Ph.D. enrolment period] total out of which 3 years should be after Ph. D. and as Assistant Professor or equivalent in a reputed institute, laboratory or industry.	4 papers in SCI journals*; one Ph. D. guided as sole or principal supervisor. Two projects ongoing or one ongoing plus one completed. One self financed or two Govt. sponsored short-term courses offered. Two experiments or computational projects added to teaching laboratories where appropriate.	One Ph.D. or more patents; supervising one or more students for Ph. D.; Strong liaison with industry; Offering courses through application of ICT.	N.A.

(c) **Assistant Professor in Pay Band 3 [₹15600-39100/-].**

Designation, Pay Band and Academic Grade Pay	Essential Qualification	Relevant Experience	Other Essential Requirements	Additional Desirable Requirements	Age: preferably below
Assistant Professor [on contract] Grade Pay ₹6000/- PB3+2 increments	M.Tech.	None	None	Advanced state of Ph.D. work in a reputed institute.	30 Years
Assistant Professor Grade Pay ₹7000/-	Ph.D.	None	One paper accepted for publication in SCI journal*.	Two SCI Journal* papers or one patent; may be based on Ph.D. work.	35 Years
Assistant Professor Grade Pay ₹8000/-	Ph.D.	3 years after Ph. D. or 6 years [not counting Ph.D. enrolment period] total after obtaining M. Tech. Degree	2 papers in SCI journals* outside Ph. D. Work. One ongoing sponsored project for candidates from academia. Two experimental or computational projects added to teaching laboratories where appropriate.	One Ph.D. supervision ongoing; One patent; Experience in Industry or R&D lab of repute; M.Tech., M.Sc. or B.Tech. project supervision on live industrial problems.	N.A.

*In case of Department of Humanities and Social Sciences, publications in Social Sciences Citation Indexed [SSCI] Journals will also be considered equivalent to publications in Sciences Citation Indexed [SCI] journals for the purpose of recruitment only.

Further, in case of School of Management Studies, publications in management journals that may be considered equivalent to SCI journals will also be considered along with publications in SCI journals for the purpose of recruitment only. List of such management journals that may be considered equivalent to SCI journals as considered by the Board of Governors is available on the Institute Website.

1. **Common Essential Requirements:** Superior academic record at all levels from high school onwards and First class in B.Tech./M.Sc. and in M.Tech.

For Non-engineering disciplines: Ph.D. degree with first class degree at both UG and PG levels.

2. **Candidates from industry (or comparable organisations) without Ph.D. degree:** Such candidates may be considered for recruitment on higher grade pay [₹7000/- and ₹8000/-], if he has substantial professional and R&D experience supported with good number of publications in leading journals of the field, the candidate being the lead author.

3. **Age Relaxation:** Following age relaxation will be given to candidates of different categories as per Govt. of India rules:

SC/ST candidates	:	5 Years
SC/ST – PWD candidates	:	10 Years
OBC [Non-Creamy Layer] candidates	:	3 Years
OBC – PWD candidates	:	8 Years
UR – PWD candidates	:	5 Years

Number of Vacancies

Designation	Vacant Position
Professors	Available including 02 PWD*
Associate Professor	67[PWD*: 03]
Assistant Professor	90[Gen.:37, OBC:30, SC:13, ST:10, PWD*: 05]

*Persons with Disability

A. Desirable Specialisations for various Departments/School/Cell

Sl. No	Departments/School/Cell	Desirable Specialisations	Branch of Engineering/Discipline
1.	Department of Applied Mechanics	Fluid Dynamics, Computational and Experimental Mechanics, Biomechanics, Advanced Materials and Structures	1. B.Tech. or equivalent in Civil/ Mechanical/ Aeronautical/ Aerospace Engineering/ Biomedical Engineering 2. M.Tech. or equivalent in appropriate discipline 3. Ph.D. in appropriate discipline
2.	Department of Biotechnology	Environmental Biotechnology, Biochemical Engineering, Bioinformatics, Microbiology, Immunotechnology, Genetics	1. B.Tech./M.Tech. or equivalent in Biotechnology/ Bioinformatics 2. B.Sc./M.Sc. or equivalent in Biotechnology/Applied Biological Sciences (Microbiology, Biochemistry, Genetics, Molecular Biology, Pharmacy and Biophysics) 3. Ph.D. in appropriate discipline
3.	Department of Chemical Engineering	Process Design, Heat Transfer, Mass Transfer, Thermal Engineering, Environmental Engineering	1. B.Tech. or equivalent in Chemical Engineering 2. M.Tech. or equivalent in appropriate discipline 3. Ph.D. in appropriate discipline
4.	Department of Civil Engineering	Structural Engineering, Geotechnical Engineering, Environmental Engineering, Geology	1. B.Tech. or equivalent in Civil Engineering 2. M.Tech. or equivalent in one of the desirable specializations 3. Ph.D. in appropriate discipline

5.	Department of Computer Sciences & Engineering	Computer Science & Engineering, Computer Technology, Information Technology, Computer Engineering	<p>1. [a] B.Tech. or equivalent in Computer Science & Engineering/ Computer Technology/ Information Technology/ Computer Engineering/ Biotechnology/ Chemical Engineering/ Civil Engineering/ Electrical Engineering/ Electronics Engineering/ Mechanical Engineering/ Production & Industrial Engineering</p> <p>[b] M.Tech. or equivalent in major areas of Computer/ Information Technology</p> <p>[c] Ph.D. in major areas of Computer/ Information Technology</p> <p>OR</p> <p>2. [a] B.Tech. or equivalent in Computer Science& Engineering/ Software Engineering/ Information Security/ Information Technology</p> <p>[b] M.Tech. or equivalent in Digital Systems/ Electrical/ Electronics/ GIS/ VLSI</p> <p>[c] Ph.D. in major areas of Computer/ Information Technology</p>
6.	Department of Electrical Engineering	Control System, Power Electronics, Power System and Electric Machine, Signal Processing & ASIC Design, Instrumentation & Control	<p>1. B.Tech. or equivalent in Electrical Engineering/ Electrical & Electronics Engineering/ Electrical & Instrumentation Engineering</p> <p>2. M.Tech. or equivalent in Control System/ Power Electronics/ Power System and Electric Machine/ Signal Processing & ASIC Design/ Instrumentation & Control</p> <p>3. Ph.D. in appropriate discipline</p>
7.	Department of Electronics and Communication Engineering	Microelectronics and VLSI Design, Microprocessor and Embedded Systems Design, Signal Processing, RF & Microwaves, Communication Systems & Networking, Analog& Digital Circuits, Electronic Devices & Circuits, Wireless & Mobile Communication	<p>1. B.Tech. in Electronics & Communication Engineering or equivalent</p> <p>2. M.Tech. in Electronics & Communication Engineering or equivalent</p> <p>3. Ph.D. in the major areas of Electronics & Communication Engineering</p>

8.	Department of Mechanical Engineering	Design/Thermal/Production	<ol style="list-style-type: none"> 1. B.Tech. or equivalent in Mechanical Engineering/ Production Engineering/ Industrial Engineering/ Manufacturing Engineering/ Automobile Engineering 2. M.Tech. or equivalent in Design/ Production/ CAD/ CAM/ Thermal Engineering 3. Ph.D. in appropriate discipline
9.	Department of Mathematics	Operation Research, Computational Fluid Dynamics, Statistics, Topology, Number Theory, Algebra, Image Processing, Automata Theory, Computer Algebra, Data Structure, Numerical Analysis, Cryptography, Differential Equations	Ph.D. in appropriate discipline
10.	Department of Humanities and Social Sciences	English Language Teaching, Linguistics, English Literature, Accounting & Financial Management, Human Resource Management and Psychology and Social Work	Ph.D. in appropriate discipline
11.	School of Management Studies	Financial Management and Accounting, Marketing Management, Human Resource Management, Systems Management, International Business Management	Ph. D. in appropriate discipline
12.	GIS [Geographic Information System] Cell	GIS/Remote Sensing/ Satellite Image Processing/ Hyper Spectral Remote Sensing/ SAR Inter Ferometry GPS/ LIDAR/Other related areas	<ol style="list-style-type: none"> 1. B.Tech. or equivalent in any branch of Engineering or Technology 2. M.Tech. or equivalent in GIS and Remote Sensing/ Geoinformatics/ Geomatics Engineering 3. Ph. D. in the field of GIS and Remote Sensing

Note: The specializations mentioned above are indicative. Outstanding candidates associated in any other areas may also be considered.

Important Information

1. An applicant in employment [Government/Semi Government Organizations] must send his application through proper channel. For such candidates appointment on deputation/lien may be considered. A "No Objection Certificate" from the employer must be submitted at the time of interview in case the application is not routed through proper channel.
2. The age relaxation as per central government rules would be applicable for deputation.
3. Fresh appointees will be covered under the New Pension Scheme [NPS-2004] as per Govt. of India rules.
4. Mere possession of the prescribed qualification does not ensure that the candidate would be called for interview.
5. Qualification and experience may be relaxed by the competent authority at any point of time for outstanding candidates.
6. The Institute reserves the right to accept applications at any time and consider outstanding candidates without application.
7. The applicant will be responsible for the authenticity of submitted information, other documents and photograph.
8. Incomplete applications or forms without prescribed application fee, wherever applicable, will be rejected without showing any reason.
9. No application form will be received after the deadline.
10. Travelling Allowance [TA] is admissible to the candidates called for interview as per the Institute norms. TA will be admissible subject to maximum upto AC II Class by the shortest route from the address mentioned in the Interview letter or the place of journey to the Institute whichever is less, on submission of tickets of both ways journey.
11. For updates please visit the Institute website regularly.
12. For any clarifications please contact at the email recruitmentcell@mnnit.ac.in
13. Caste Certificate (in original) in the Central Govt. format must be produced at the time of interview.
14. For OBC [Non-Creamy Layer] candidates the caste certificate must be in the format applicable for employment in Central Government organisations.
15. For PWD candidates, the disability certificate must be issued by the Competent Medical Authorities as applicable for employment in Central Government organisations. The final selection will be made on the basis of the recommendations of a Medical Board to be appointed for examining the physical disability.
16. Number of vacancies may be increased or decreased at the time of selection.

Check List

Filled-in application form must be submitted with the following documents:

1. Duly signed and filled-in downloaded Application Form, Summary Sheet and Self Evaluation Sheet [in original].
2. Signature of the applicant with date on all pages of the Application Form, Summary Sheet and Self Evaluation Sheet is mandatory.
3. A self attested recent passport size photograph pasted on the Application Form.
4. Self attested photocopies of testimonials, certificates and all enclosures in support of claims made in the Application Form.
5. Detailed list of publications with reprints of five best papers published in SCI journals.
6. Detailed list of PG & Ph.D. thesis supervised and UG Projects guided giving name of student, branch, year and title of the thesis/project.
7. Application fees in the form of demand draft of **₹500/- for UR & OBC [Non-Creamy layer] candidates only** in favour of **DIRECTOR, MNNIT Allahabad** payable at **Allahabad**.
8. Superscribe the covering envelop of your application with the Advertisement Number, the position and the department/school/cell applied for.
9. Filled in application form along with Summary Sheet, Self Evaluation Sheet, supporting documents and application fee [as applicable] must reach the following address latest **30.04.2013** upto **5.30 P.M.**

The Registrar

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Allahabad-211 004