NATIONAL INSTITUTE OF TECHNOLOGY PATNA

PATNA-800005 (BIHAR)

(An Institutions under Ministry of HRD, Govt. of India)

<u>Advertisement No.NITP/Appt.(Faculty)/02/08</u>

Applications in the prescribed form are invited for the following faculty positions in the institute.

Department	Post	No. of Vacancy
Civil Engineering	Professor	3
	Assistant Professor	3
	Lecturer	OBC-1, SC-2
Mechanical Engineering	Professor	3
	Assistant Professor	3
	Lecturer	OBC-2, SC-1, ST-1
Electrical Engineering	Professor	3
	Assistant Professor	2
	Lecturer	OBC-1, OBC (PH- HI)* -1, SC-2, ST-2
Electronics & Communication Engineering	Professor	2
	Assistant Professor	2
	Lecturer	UR-2, OBC-1
Computer Science & Engineering	Assistant Professor	3
	Lecturer	UR-2, OBC-1, SC-1
Information Technology	Professor	1
	Assistant Professor	2
	Lecturer	UR-2, OBC-1, SC-1, ST-1
Mathematics	Professor	1
	Lecturer	OBC-1, SC-1
Physics	Professor	1
	Assistant Professor	1
	Lecturer	SC-1, ST-1
Chemistry	Professor	1
	Assistant Professor	1
	Lecturer	OBC-1, SC-1
Humanities & Social Science	Professor	1
	Assistant Professor	1
	Lecturer	OBC-1, OBC(PH- LV)*-1

*Abbreviation: HI – Hearing Impairment, LV – Low Vision

For the prescribed application form and other details please visit Institutes' website www.nitp.ac.in. The completed application form alongwith Demand Draft of Rs.600/- (Rupees six hundred only) for Gen/OBC candidate and Rs.300/- for SC/ST/PH candidate as application fee (non-refundable), in favour of "NATIONAL INSTITUTE OF TECHNOLOGY PATNA" payable at Patna, should reach "the Registrar, NIT Patna, Ashok Rajpath, Patna-800005" by **27.02.2009**. Application should be sent by Speed Post/Registered Post only. Applicants, who are in employment of Government/Govt.Undertaking/ Autonomous Body, must send their application through proper channel. The institute reserves its right to increase or decrease the number of posts or cancel the recruitment procedure to any post or all posts without any prior notice and without assigning any reason thereof. The institute will not be responsible for any postal loss or delay.

REGISTRAR

Contact No : 0612-2660480, 2670631, E-mail: registrar@nitp.ac.in, web site: www.nitp.ac.in

NATIONAL INSTITUTE OF TECHNOLOGY PATNA
PATNA-800005 (BIHAR)

Advertisement No.NITP/Appt.(Faculty)/02/08

A. Applications in the prescribed form are invited for the following faculty positions in the institute.

Department	Post	Field of Specialization	Vacancy
Civil Engineering	Professor	Structure(preferably with earthquake specialization), Water Resource, Transportation	3
	Assistant Professor	Geo-technical Engg., Environmental, Building Sc, Construction Management	3
	Lecturer	Geo-technical Engg., Environmental, Building Sc, Construction Management	OBC-1,SC-2
Mechanical Engineering	Professor	Thermal Engg/ Design Engg/ Production Engg/ CAD-CAM/ Robotics/Thermal System Design	3
	Assistant Professor	Thermal Engg/ Design Engg/ Industrial Engg/ CAD-CAM/ Robotics/ Prod.Engg.	3
	Lecturer	Thermal Engg./ Design Engg./ Production Engg.	OBC-2, SC-1,ST-1
Electrical Engineering	Professor	Power System Engineering, Power Electronics & Industrial Drives; Control System Engineering	3
	Assistant Professor	Power System Engineering; Control System Engineering	2
	Lecturer	Power Electronics & Industrial Drives; High Voltage Engineering; Electrical Instrumentation; Control System Engineering	OBC-1, OBC-1(PH-Hearing Impairmant), SC-2, ST-2

Electronics & Communication Engineering	Professor	Microelectronics & VLSI Design & Fabrication, Digital Signal Processing-speech & image processing; Data Communication & Networking- Mobile, analog, digital and optical fiber communication; Microwave & Wireless Communication Engineering; Analog & Digital circuits & System	2
	Assistant Professor	Microelectronics & VLSI Design & Fabrication, Data Communication Network- Mobile, analog, digital and optical fiber communication; Microwave & Wireless Communication Engineering; Digital Signal Processing-speech & image processing; Micro-controller & Embedded System; Analog & Digital circuits & System; Bio-medical Instrumentation.	2
	Lecturer	Microelectronics & VLSI Design & Fabrication, Data Communication Network- Mobile, analog, digital and optical fiber communication; Microwave & Wireless Communication Engineering; Digital Signal Processing-speech & image processing; Micro-controller & Embedded System; Analog & Digital circuits & System; Bio-medical Instrumentation.	UR-2,OBC-1

Computer Science & Engineering	Assistant Professor	Data Mining, Speech Processing, Real Time Systems, Neural Networks, Computer Graphics, Mobile and Wireless Computing, Pattern Recognition and Software Engineering	3
	Lecturer	Data Mining, Speech Processing, Real Time Systems, Neural Networks, Computer Graphics, Mobile and Wireless Computing, Pattern Recognition and Software Engineering	UR-2,OBC-1, SC-1
Information Technology	Professor	System Software and OS/ Computer Graphics and Vision/Computer Network & Security/ Computer Architecture/ AI & expert System/ Embedded System/ Data Mining	1
	Assistant Professor	System Software and OS/ Computer Graphics and Vision/Computer Network & Security/ Computer Architecture/ AI & expert System/ Embedded System/ Data Mining	2
	Lecturer	System Software and OS/ Computer Graphics and Vision/Computer Network & Security/ Computer Architecture/ AI & expert System/ Embedded System/ Data Mining	UR-2,OBC-1, SC-1,ST-1
Mathematics	Professor	Statistics & Probability, Numerical Methods	1
	Lecturer	Numerical Methods; Operation Research(OR); Partial Differential equations	OBC-1,SC-1

Physics	Professor	Advanced Quantum Mechanics	1
	Assistant Professor	Electronics, Solid State Physics	1
	Lecturer	Electronics/Solid State Physics/ Nuclear Physics	SC-1,ST-1
Chemistry	Professor	Organic Chemistry	1
	Assistant Professor	Inorganic, Organic, Physical Chemistry	1
	Lecturer	Inorganic, Organic, Physical Chemistry	OBC-1,SC-1
Humanities & Social Science	Professor	English(Communication/ Business/English for Science & Technology)	1
	Assistant Professor	Personnel Management & Industrial Relation/English	1
	Lecturer	English/Economics	OBC-1, OBC(PH- Low Vision)-1

B. MINIMUM EDUCATIONAL QUALIFICATIONS AND EXPERIENCE

(i) FOR ENGINEERING AND TECHNOLOGY DISCIPLINE

S.No	Cadre	Minimum Qualification and Experience
1.	Lecturer	**Qualification & Experience for Candidates from Teaching:** Bachelor's and Master's Degree in the appropriate branch of Engineering/ Technology or equivalent with First class at Bachelor's or Master's level. **Qualification & Experience for Candidates from Industry:** Bachelor's and Master's Degree in the appropriate branch of Engineering/ Technology or equivalent with First class at Bachelor's or Master's level.
2	Assistant Professor	**Qualification & Experience for Candidates from Teaching:** Ph.D in respective discipline with First Class Degree at Bachelor's or Master's level in appropriate Branch of Engineering/ Technology **with** 3 (three) years experience in Teaching/ Research/ Industry at the level of Lecturer or equivalent. **Qualification & Experience for Candidates from Industry:** Candidates from Industry/ Profession with Bachelor's and Master's Degree in the appropriate branch of Engineering/ Technology or equivalent with First class at Bachelor's or Master's level and Professional Work which is significant and can be recognized as equivalent to Ph. D and with 5 (five) years Industrial/ Professional experience would also be eligible.

3	Professor	**Educational Qualification & Experience for Candidates from Teaching:**
		Ph. D. Degree with First Class Degree at Bachelor's or Master's level in appropriate Branch of Engineering/ Technology **with** 10 (ten) years experience in Teaching/ Industry/ Research out of which 5 (five) years must be at the level of Assistant Professor or equivalent.
		Qualification & Experience for Candidates from Industry:
		Candidates from Industry/ Profession with Bachelor's and Master's Degree in the appropriate branch of Engineering/ Technology or equivalent with First class at Bachelor's or Master's level and professional work, which is significant and can be recognized as equivalent to Ph. D Degree and with 10 (ten) years experience of which at least 5 (five) years should be at a Senior Level comparable to that of an Assistant Professor would also be eligible.

Note: 1. If a class/division is not awarded at B.E/B.Tech./M.E./M.Tech. or equivalent degree, a minimum of 60% marks in aggregate shall be considered equivalent to 1st class/division. If a Grade Point system is adopted, the CGPA will be converted into equivalent marks and minimum CGPA shall be 6.75 in the scale of 10.

2. In the discipline of Information Technology, in lieu of the "Bachelor's and Master's degree in the appropriate branch", "Bachelor's degree in Information Technology/Computer Science & Engineering or equivalent **with** Master's degree in Information Technology/Computer Science & Engineering or equivalent" **with** First class at Bachelor's or Master's level" will be acceptable.

(ii) FOR HUMANITIES AND SCIENCES

S.No.	Cadre	Minimum Qualification and Experience
1.	Lecturer	A good academic record with 1st class or, an equivalent CGPA at the Master's Degree Level and PhD in the relevant subject.
2	Assistant Professor	A good academic record with 1st class or, an equivalent CGPA at the Master's Degree Level and PhD in the relevant subject **with** 5 (five) years of experience of teaching and/ or research excluding the period spent for obtaining the research degrees and has made some mark in the areas of scholarship as evidenced by quality of publications, Contribution to educational innovation, experience in design of new courses and curricula.
3	Professor	A good academic record with 1st class or, an equivalent CGPA at the Master's Degree Level and PhD in appropriate branch of Humanities and Science **with** 10 (ten) years experience of which at least 5(Five) years should be at a Senior Level comparable to that of an Asst. Professor in Post Graduate teaching and/ or experience in research at the University/ National level Institutions, including experience of guiding research at Doctoral Level.

C. Scale of Pay (likely to be revised)

S.No.	Cadre	Pay Scale
1.	Professor	Rs.16,400-450-20,400-500-22,400/-
2.	Assistant Professor	Rs.12,000-420-18,300/-
3.	Lecturer	Rs.8,000-275-13,500/-

The posts carry usual allowances as per Central Government Rules.

D. Reservations/Relaxations for the faculty positions will be as per guidelines issued by Govt. of India.

E. **Application Fee**: Rs.600/- (Rupees six hundred only) for General/OBC applicants and Rs.300/- for SC/ST/PH applicants. The application form must accompany with the required application fee through Demand Draft in favour of "National Institute of Technology Patna" payable at Patna. Candidates from abroad can also apply using the downloaded application form along with fee of US$100 or its equivalent.

F. **Last Date of submission of Application form:** The completed application form alongwith the required application fee (non-refundable) should reach "the Registrar, NIT Patna, Ashok Rajpath, Patna-800005" by <u>27**.02.2009**</u>. Application should be sent by Speed Post/Registered Post only.

G. **General Information:-**

1. Candidates are required to submit their application in prescribed format downloaded from Institute website, neatly handwritten or typed in English, alongwith the required application fee.

2. Incomplete application form/Applications received after last date of submission of application will not be entertained.

3. Applicants, who are in employment of Government/Govt.Undertaking/ Autonomous Body, must send their application through proper channel.

4. Application should must be supported with copies of certificates, marks sheets, testimonials, documents etc. the documents will be verified at the time of interview.

5. Applicants desiring to apply for more than one post should send a separate application for each post.

6. For candidates (i) staying aboard and (ii) those posted at Andaman & Nicobar/Lakshdeep and Minicoy Island/Assam/Meghalaya/Arunachal Pradesh/Nagaland/Mizoram/Manipur/Tripura/Sikkim/Ladakh Division of J&K state/Lahaul and Spiti District and Pangi Sub-Division of Chamba District of Himachal Pradesh, the last date for receipt of application will be 14 days after last date specified.

7. Whenever experience is prescribed for eligibility to a post, the term 'experience' means requisite experience gained/obtained from recognized institutions of the Central or State Government or Central/State Public Sector Undertakings/Autonomous Bodies/Universities/AICTE approved Institutions. Experience certificate obtained from sundry private institutions etc. shall not be taken into consideration for grant of eligibility unless experience in private organization has been specifically permitted in the qualification and experience prescribed for the post.

8. The Educational qualification, experience and other condition of eligibility as stipulated shall be determined as on the closing date of receipt of application i.e. 27-02-2009.

9. Canvassing in any manner at any stage by or on behalf of a candidate will lead to disqualification.

10. The institute reserves its right to increase or decrease the number of posts or cancel the recruitment procedure to any post or all posts without any prior notice and without assigning any reason thereof.

11. In case where the number of applicants for a post becomes extraordinarily large, the institute reserves its right to restrict the number of applicants by fixing higher qualifications/short listing as yard stick for granting eligibility for the interview

12. Applicants should send their application in an envelope super-scribing clearly the name of post applied for at the top to-

> The Registrar
> National Institute of Technology Patna
> Ashok Rajpath
> Patna-800 005
> Bihar.

13. The institute will not be responsible for any postal loss or delay.

NATIONAL INSTITUTE OF TECHNOLOGY PATNA
PATNA-800 005 (BIHAR)

(Application Form for faculty position)

To
   The Registrar
   National Institute of Technology Patna
   Ashok Rajpath
   Patna- 800 005 (Bihar)

		Self attested photograph

Advertisement No.		Amount of Bank Draft	
Post Applied for		Name of issuing bank	
Department		DD Number & date	

1.	Name in full (in capital letters)		
2.	Father's / Husband's Name		
3.	Mother's Name		
4.	Date of birth (please attach true copy of certificate)		
5.	a) Marital Status : Married/Unmarried	b) Sex : Male / Female	
6.	a) Permanent address	b) Correspondence Address (any change of address should at once be communicated to the institute)	
	Phone No. (including STD code)	E-mail ID	
7.	Nationality		
8.	Category under which you are seeking reservation/relaxation	SC/ST/OBC/PH	
9.	Were you at any time declared medically unfit; asked to submit your resignation; discharged or dismissed from Govt./PSU/ Autonomous Body or Private Service? If yes, give details in a separate sheet.		

10. Details of Educational Qualification (from Secondary Level):

Exam. Passed	Specialization	Board/University	Passing Year	Class/Division	% marks

11. **Topic of Thesis**

        (a) For M.Tech./M.Phil. _____

        (b) For Ph D _____

12. **Field of Specialization** _____

13. **Details of employments:**

S.No.	Name and address of Employer	Post Hold	Pay-scale	From	To	Brief description of duties	Reasons for leaving
(i) Teaching							

(ii)Other than teaching							

14. Research Activities: (Specify total No. and attach list of publication in the each category as per format given)

(a) Paper publications in International Journals

S.No.	Title of paper	Co-author(s), if any	Name of the Journal	Vol. & Year	Pages

(b) Paper publications in National Journals

S.No.	Title of paper	Co-author(s), if any	Name of the Journal	Vol. & Year	Pages

(c) Papers publication in International Conferences

S.No.	Title of paper	Co-author(s), if any	Name of the Conference	Date & year

(d) Papers publication in National Conference

S.No.	Title of paper	Co-author(s), if any	Name of the Conference	Date & year

(e) Details of M Tech students guided / Continuing

S.No.	Name of Student	Year	Title of the Dissertation

(f) Details of Ph D Students guided / Continuing

S.No	Name of Student	Year	Title of the Dissertation

(g) Patents registered/filed (with registration No. & date)

S.No.	Title	Registration	Date

15. Books/Monographs written / under process:

S.No.	Name of book/ monograph	Name of Co-author, if any	Year of Publication	Publisher with address

16. Consultancy works undertaken:

S.No	Period	Organization	Nature of Work	Co-consultant, if any

17. Seminars/Short Term Courses/Summer Schools/Winter Schools organized

Sl No.	From	To	Name of the course	Sponsored by	No. of participants	
					From institutes	From Industry

18. Seminars/Short Term Courses/Summer Schools/Winter Schools attended

S.No.	From	To	Institute/Industry	Sponsored by	Name of the course

19. Sponsored Projects undertaken

Sponsoring Agency	Title of the Project	Area	Period	Amount of grant	Whether completed	Accomplishment

20. Membership of Professional Bodies

S.No.	Name of Professional Bodies	Grade of membership	Membership no. With validity

21. Administrative Responsibilities held / Continuing

S.No.	From	To	Position held	Responsibilities

22. Other information:
(i) Prizes/Medals/Awards/Distinctions:……………………………………………………..
(ii) Scholarship received: ……………………………………………………………………
(iii) Sports and extra-curricular activities (including N.C.C.) : ....
(iv) Knowledge of foreign languages: …………………………………………………….
(For each of the above items, please give full details in separate sheets)

23. Name and address of two References:

1st References		2nd References	
Name		Name	
Position		Position	
Address		Address	
E-Mail		E-Mail	
Phone No.		Phone No.	
E-Mail Address		E-Mail Address	

24. **Did you previously apply for any post in this Institute? If yes, give particulars**:
………………………………………………………………………………………………….

<u>**APPLICANT'S   DECLARATION**</u>

"I hereby declare that I fulfil the eligibility conditions to the post and that the statements made by me in form are true, complete and correct to best of my knowledge and belief."

Place:………….   Signature of Applicant

Date…………..

Name………………………..