NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119

Advertisement No. 01/2010

Instructions Sheet

Applications in prescribed forms are invited from Indian Nationals separately for each of the following posts.

Sr.No.	Department Name	Prof.	Associate Prof.	Assistant Professor			
				SC	ST	OBC	UR
1.	Civil Engg.	**03**	**01**	**02**	**01**	**01**	**01**
2.	Electrical Engg.	**02**	**04**	**01**	**01**	**01**	**-**
3.	Mech. Engg.	**03**	**03**	**01**	**01**	**01**	**01**
4.	Electronics & Com. Engg.	**02**	**04**	**01**	**01**	**01**	**03**
5.	Comp. Engg.	**02**	**01**	**-**	**-**	**02**	**03**
6.	Physics	**01**	**01**	**-**	**-**	**01**	**02**
7.	Chemistry	**-**	**01**	**01**	**-**	**01**	**03**
8.	Mathematics	**-**	**01**	**01**	**-**	**01**	**03**
9.	Humanities	**01**	**-**	**01**	**-**	**01**	**01**
10.	Information Technology	**02**	**03**	**-**	**-**	**01**	**02**
11.	Industrial Engg. & Management	**02**	**02**	**01**	**-**	**01**	**01**
12.	Business Administration*	**01**	**02**	**01**	**-**	**02**	**05**
13.	Computer Application*	**01**	**02**	**01**	**-**	**02**	**05**
	Total	**20**	**25**	**11**	**04**	**16**	**30**

*** Under self financing scheme.**

Pay Scale for various positions:

Professor : Rs. 37400-67000/- with AGP Rs. 10000/-
Associate Professor : Rs. 37400-67000- With AGP Rs. 9000/-
Assistant Professor : Rs. 15600-39100- with AGP Rs. 6000/-

The reservation will be applicable as per the Govt. of India norms including backlog vacancies.

Application Form and Instruction Sheet: -

The application **Form and Instructions Sheet** having qualifications & experience etc. required for the above posts can be downloaded from Institute's Website **www.nitkkr.ac.in.** A bank draft of Rs.200/- towards application fee be invariably sent alongwith the downloaded application form. The application Form and instructions Sheet can be had from 11.01.2010 from the office of Deputy Registrar (GA & Legal) on payment of Rs. 200/- by cash or by sending a Crossed Bank Draft of Rs. 250/- drawn in favour of Director, NIT, Kurukshetra payable at SBI, NIT, Kurukshetra (Code No.6260) alongwith a Self Addressed envelope (23x10 cm). Maximum age limit is 50 years (relaxable upto 58 years in exceptional circumstances). Age of superannuation is 65 years as per rules in force.

The applications duly filled in all respects should reach the Registrar, NIT, Kurukshetra-136119 on or before **02.03.2010 by 5.30 PM**. Incomplete applications will not be entertained.

Note: **The candidates who had applied earlier against Advertisement No. 22/2008, 32/2008, 47/2008 may apply afresh. However, the application form will be given to them free of cost.**

Specialization: -

Sr. No.	Branch		No. of Post	Specialization
(i)	**Civil Engineering Department**			
	a	Professor	Three	Water Resources Engineering/Structural Engineering/ Geotechnical Engineering/Environmental Engineering/ Transportation Engineering/Surveying & Remote Sensing
	b	Associate Professor	One	Water Resources Engineering/Structural Engineering/ Geotechnical Engineering/Environmental Engineering/ Transportation Engineering/Surveying & Remote Sensing
	c	Assistant Professor	Five (SC=2, OBC=01, ST=01, UR=01)	Water Resources Engineering/Structural Engineering/ Geotechnical Engineering/Environmental Engineering/ Transportation Engineering/Surveying & Remote Sensing/ Engineering Geology
ii)	**Electrical Engineering Department**			
	a	Professor	Two	1) Power Electronics & Drives/Electrical Machines & Drives/Power Systems. 2) Computers & Communication/System Engg./ Control Systems.
	b	Associate Professor	Four	1) Power Electronics & Drives 2) Power Systems/Electrical Machines & Drives. 3) Computers & Communication /Signals, Networks & Systems. 4) Control Systems/Systems Engg.
	c	Assistant Professor	Three (SC=01, ST=01, OBC=01)	Power System/Control Systems/System Engg./Electrical Machines/Power Electronics/Computers & Communication

iii)	**Mechanical Engineering Department**			
	a	Professor	Three	Thermal, Production, Design
	b	Associate Professor	Three	Thermal (02), Design (01)
	c	Assistant Professor	Four (SC=01, ST=01, OBC=01, UR=01)	Thermal (02), Production (02)
(iv)	**Electronics & Communication Engineering Department.**			
	a	Professor	Two	VLSI Design/VLSI Modeling and Simulation/Embedded Systems/Microelectronic/Communication Systems /RF and Microwave Engineering/Optical Communication/ Signal Processing and Applications/Electronic Instrumentation/MEMs Design and Sensor Networks/Image Processing /Telecommunication and Data Networks.
	b	Associate Professor	Four	VLSI Design /Embedded Systems/ VLSI Modeling and Simulation/VLSI CAD Tools/Microelectronics/ Communication System/RF and Microwave Engineering/Digital Signal Processing/ Image Processing/ Digital Circuits and Systems/Semiconductor Devices/Telecommunication and Data Networks.
	c	Assistant Professor	Six (SC=01, ST=01, OBC=01 UR=03)	Electronics and Communication Engineering/Communication System/RF and Microwave Engineering/ VLSI Design/ Embedded Systems/Microelectronics/Digital Signal Processing/Computer Communication Networks/ Microprocessors/Digital Circuits and Systems.
(v)	**Computer Engineering Department.**			
	a	Professor	Two	1. Object Oriented Technologies 2. Computer Networks 3. Mobile Computing 4. Distributed Systems 5. Database Systems 6. Natural Language Processing 7. Software Engineering 8. Adhoc and Sensors Networks 9. Network Management
	b	Associate Professor	one	1. Object Oriented Technologies 2. Computer Networks 3. Mobile Computing 4. Distributed Systems 5. Database Systems 6. Natural Language Processing 7. Software Engineering 8. Network Management
	c	Assistant Professor	Five (OBC=2 UR=03)	1. Software Engineering 2. Computer Networks 3. Algorithms 4. Database Systems 5. Operating Systems 6. Soft computing 7. Web Technologies 8. Computer Architecture & Organization

(vi)	**Physics Department**			
	a	Professor	One	Experimental Physics/Solid State Physics/Instrumentation.
	b	Associate Professor	One	Experimental Physics/Solid State Physics/Instrumentation.
	c	Assistant Professor	Three (OBC=01, UR=02)	Experimental Physics/Solid State Physics/Instrumentation.
vii)	**Chemistry Department**			
	a.	Associate Professor	One	Inorganic /Organic/Physical Chemistry
	b	Assistant Professor	Five (SC=01, OBC=01, UR=03)	Inorganic/Organic/Physical Chemistry
viii)	**Mathematics Department**			
	a.	Associate Professor	One	Fluid Mechanics Mechanics of solids Numerical Analysis Analysis and algebra
	b.	Assistant Professor	Five (SC=01, OBC=01 UR=03)	Fluid Mechanics Mechanics of solids Numerical Analysis Analysis and algebra
xi)	**Humanities Department**			
	a.	Professor	One	English Language/Economics/Management
	b.	Assistant Professor	Three (SC=01, OBC=01, UR=01)	English Language/Economics/Management
(x)	**Information Technology**			
	a	Professor	Two	1. Enterprise Computing 2. Object Oriented Technologies 3. Distributed Computing 4. Software Engineering 5. Information Security 6. Computer Networks 7. Natural Language Processing 8. Embedded Systems 9. Mobile Systems 10. Network Programming

	b	Associate Professor	Three	1. Object Oriented Technologies 2. Mobile Systems 3. Distributed Computing 4. Software Engineering 5. Information Security 6. Computer Networks 7. Natural Language Processing 8. Network Programming
	c	Assistant Professor	Three (OBC=01 UR=02)	1. Web Technologies 2. Information Management 3. Information Security 4. Software Engineering 5. Computer Architecture & Organization 6. Computer Networks 7. Database Systems 8. Algorithms 9. Embedded Systems
(xi)	**Industrial Engineering and Management**			
	a	Professor	Two	Industrial Engg.
	b	Associate Professor	Two	Thermal, Design
	c	Assistant Professor	Three (SC=01, OBC=01, UR=01)	Industrial Engg. (2), Design (1)
xii)	**Business Administration Department (Under Self Financing Scheme)**			
	a.	Professor	One	Financial Management (FM) Marketing Management (MM) Human Resource Management (HRM) International Business (IB) Information Technology (IT)
	b.	Associate Professor	Two	Financial Management (FM) Marketing Management (MM) Human Resource Management (HRM) International Business (IB) Information Technology (IT)
	c.	Assistant Professor	Eight (SC=01, OBC=02, UR=05)	Financial Management (FM) Marketing Management (MM) Human Resource Management (HRM) International Business (IB) Information Technology (IT)
(xiii)	**Computer Applications Department (Under Self Financing Scheme)**			
	a.	Professor	One	Computer Networks/Software Engineering/Database Systems/Computer Architecture/Computer Graphics/Object Oriented Systems/Microprocessors.
	b.	Associate Professor	Two	Computer Networks/Software Engineering/Database Systems/Computer Architecture/Computer Graphics/Object Oriented Systems/Microprocessors/Any other relevant specialization
	c.	Assistant Professor	Eight SC=01, OBC=02, UR=05	Any relevant Specialization

MINIMUM QUALIFICATIONS FOR FACULTY RECRUITMENT

A. Minimum Qualifications and Experience for faculty recruitment in various Engineering & Technology Departments.

1, Professor

i) Ph.D. Degree with First Class at Bachelor's or Master's level in the appropriate branch of Engg.,/ Tech.

ii) Experience of 10 years in teaching, research and / or industry, out of which at least 5 years at the level of Reader/ Associate Professor or equivalent grade.

OR

Applicable only to candidates from industry and the profession

i) First Class Master's Degree in the appropriate branch of Engg. & Tech.

ii) Significant professional work which can be recognized* as equivalent to a Ph.D. Degree in appropriate branch of Engg., / Tech., and industrial / professional experience of 10 years, out of which at least 5 years at a senior level of Assistant Professor / Reader.

(*This recognition shall be valid only if the same is recommended unanimously by a 3- Member Committee of Experts appointed by the Competent Authority).

iii) Teaching, research industrial and/or professional experience in a reputed organization.

iv) Published work, such as research papers, books, and / or technical reports, patents filed / obtained.

v) Experience of guiding the project work/dissertation of PG/Research Students or supervising R&D projects in industry.

vi) Demonstrated leadership in planning and organizing academic, research, industrial and / or professional activities.

vii) Capacity to undertake / lead sponsored R&D, consultancy and related activities.

2. Associate Professor

i) Ph.D. Degree with First Class at Bachelor's or Master's level in the appropriate branch of Engg., / Tech.

ii) Experience of 5 years in teaching, research and / or industry at the level of Lecturer / Assistant Professor or equivalent grade, excluding period spent on obtaining the research degree.

OR

Applicable only to candidates from industry and the profession

i) First Class Master's Degree in the appropriate branch of Engg. & Tech.

ii) Significant professional work which can be recognized* as equivalent to a Ph.D. Degree in appropriate branch of Engg. / Tech. and industrial / professional experience of 5 years in a position equivalent to the level of Lecturer / Assistant Professor.

(*This recognition shall be valid only if the same is recommended unanimously by a 3- member Committee of Experts appointed by the Competent authority)

iii) Teaching, research industrial and / or professional experience in a reputed organization.

iv) Published work, such as research papers, books, and / or technical reports, patents filed / obtained.

v) Experience of guiding the project work / dissertation of PG/Research Students or supervising R& D projects in industry.

3. Assistant Professor

i) First Class Master's degree in appropriate branch of Engineering / Technology.

ii) Preference will be given for First Class Master's and First Class Bachelor Degree holders in appropriate branch of Engineering / Technology.

iii) Ph.Ds. in appropriate field of Engineering/ Technology will be given priority.

B. Minimum Qualifications and Experience for faculty recruitment in Humanities & Sciences Department.

1. Professor

i) An eminent scholar with Ph.D. qualification in the concerned / relevant discipline and published work of high quality actively engaged in research with evidence of published work with a minimum of 10 publications as books and/or research / published papers in indexed / ISBN/ISSN numbered impact journals and/or ISBN/ISSN numbered books.

ii) A minimum of 10 years of teaching experience in university/college,and/or experience in research at the University/National Level institutions / industries, including experience of guiding candidates for research at doctoral level.

iii) Contribution to educational innovation, design of new curricula and courses, and technology – mediated teaching learning process.

iv) Preference will be given for First Class Master's or First Class Bachelor's degree holders in the concerned/relevant discipline.

2. Associate Professor

i) Good Academic record with a Ph.D. degree in the concerned/allied/relevant disciplines.

ii) First class or equivalent grade wherever grading system is followed at the Master's Degree Level.

iii) A minimum of 05 years of experience of teaching and / or research in an academic/Research position equivalent to that of Assistant Professor in a University/College or Accredited Research Institution/Industry excluding the period of Ph.D. Research with evidence of published work and a minimum of 05 publications as books and/or Research/Published papers in indexes/ISBN/ISSN numbered books/journals.

iv) Contribution to educational innovation, design of new curricula and courses, and technology – mediated teaching learning process with evidence of having guided doctoral candidates and Research students.

v) Preference will be given for First Class Master's or First Class Bachelor's degree holders in the concerned/allied/relevant disciplines.

3. Assistant Professor

i) Good academic record as defined by the concerned university with First Class or equivalent grade where grading system is practiced at the Master's degree level in a relevant subject from an Indian University, or an equivalent degree from an accredited foreign university.

ii) Besides fulfilling the above qualifications, the candidate should have cleared the National Eligibility Test (NET) conducted by the UGC, CSIR or similar test accredited by the UGC like SLET/SET.

iv) Preference will be given for First Class Master's and First Class Bachelor's Degree holders.

v) Ph.Ds. in appropriate field of Humanities & Science will be given priority.

vi) NET/SLET/SET shall also not be required for such Master Programmers in disciplines for which NET/SLET/SET is not conducted.

C. Minimum Qualifications and Experience for faculty recruitment in Business Administration Department.

1. Professor

i) Consistently good academic record with First Class Master's Degree in Business Management / Administration / in a relevant discipline **OR** consistently good academic record with First Class in two year full time / three year part-time PGDM declared equivalent and recognized by AICTE / UGC.

ii) A minimum of 10 years' experience of post graduate teaching / industry / research / professional out of which 3 years must be at the level of Reader/Associate Professor or equivalent excluding the period spent for obtaining the research degree.

iii) Preference will be given for First Class Master's and 1st Bachelor Degree holders in Business Management/ Administration.

iv) Ph.Ds. in appropriate field of Business Management / Administration will be given priority.

OR

Application only to candidates from industry and the profession.

i) Consistently good academic record with First Class in Master's Degree in Business Management / Administration / in a relevant management related discipline **OR** consistently good academic record with First Class in two years full time / three year part-time PGDM declared equivalent and recognized by AICTE / UGC.

ii) The candidate should have professional work experience which is significant and can be recognized* at national / International level as equivalent to Ph.D. and 15 years' managerial experience in industry / profession of which at least 8 years should be at least at a level comparable to that of Reader.

(* This recognition shall be valid only if the same is recommended unanimously by a Member Committee of Experts appointed by the Competent Authority).

iii) Teaching, Teaching, research industrial and / or professional experience in a reputed organization.

iv) Published work, such as research papers, books and / or technical reports, patents filed /obtained.

v) Experience of guiding the project work / dissertation of PG / Research Students or supervising R&D projects in industry.

vi) Demonstrated leadership in planning and organizing academic, research, industrial and /or professional activities.

vii) Capacity to undertake / lead sponsored R&D consultancy and related activities.

2. Associate Professor

i) Consistently good academic record with Ist Class Master's Degree in Business Management / Administration / in a relevant management related discipline.

ii) A minimum of 5 years' experience of postgraduate teaching / industry / research / professional at managerial level excluding the period spent for obtaining the research degree.

iii) Preference will be given for Ist Class Master's and First Class Bachelor's degree holders in Business Management & Administration..

iv) Ph.D. in appropriate field of Business Management / Administration will be given priority.

OR

Applicable only to candidates from industry and the profession.

i) Consistently good academic record with First Class Master's Degree in Business Management/ Administration / in a relevant management related discipline. **OR** First Class in two years full time / three year part-time PGDM declared equivalent and recognized by AICTE / UGC.

ii) A minimum of 10 years' experience of postgraduate teaching industry / research / profession, out of which 5 years must be at the level of Assistant Professor or equivalent excluding the period spent for obtaining research degree.

iii) The candidate should have Professional work experience, which is significant and can be recognized* at national / international level as equivalent to Ph.D and 10 years managerial experience in industry / profession of which at least 5 years should be at the level comparable to that of Assistant Professor / Lectures.

(* This recognition shall be valid only if the same is recommended unanimously by a 3- Member Committee of Experts appointed by the Competent Authority).

iv) Teaching, research industrial and / or professional experience in a reputed organization.

v) Published work, such as research papers, books and / or technical reports, patents filed /obtained.

vi) Experience of guiding the project work /dissertation of PG / Research Students or supervising R&D projects in industry.

3. Assistant Professor

i) Ist Class Master's degree in Business Management / Administration./ in a relevant management related discipline **OR** First Class in two year full time / three year part-time PGDM declared equivalent and accredited by AICTE / UGC.

ii) Preference will be given for First Class Master's and First Class Bachelor's degree holders in appropriate field of Business Management/Administration.

iii) Ph.D. / NET in appropriate field of Business Management / Administration will be given priority.

D. Minimum Qualifications and Experience for faculty recruitment in Computer Applications Department.

1. Professor

i) Ph.D. Degree with First Class at Bachelor's or Master's level in Computer Science/ Computer Applications.

ii) 10 years experience in teaching, research and / or industry, out of which at least 5 years at the level of Reader/ Associate Professor or equivalent grade.

OR

Applicable only to candidates from industry and the profession

i) First Class Master's Degree in Computer Science/ Computer Applications.

ii) Significant professional work which can be recognized* as equivalent to a Ph.D. Degree in Computer Science/ Computer Applications, and industrial / professional experience of 10 years, out of which at least 5 years at a senior level of Assistant Professor / Reader.

(* This recognition shall be valid only if the same is recommended unanimously by a 3- Member Committee of Experts appointed by the Competent Authority).

iii) Teaching, research industrial and / or professional experience in a reputed organization.

iv) Published work, such as research papers, books, and / or technical reports, patents filed / obtained.

v) Experience of guiding the project work / dissertation of PG / Research Students or supervising R&D projects in industry.

vi) Demonstrated leadership in planning and organizing academic, research, industrial and / or professional activities.

vii) Capacity to undertake / lead sponsored R&D, consultancy and related activities.

2. Associate Professor

i) Ph.D. Degree with First Class at Bachelor's or Master's level in Computer Science/ Computer Applications.

ii) 5 years experience in teaching, research and / or industry at the level of Lecturer/Assistant Professor or equivalent grade, excluding period spent on obtaining the research degree.

OR

Applicable only to candidates from industry and the profession

i) First Class Master's Degree in Computer Science/ Computer Applications.

ii) Significant professional work which can be recognized* as equivalent to a Ph.D. Degree in Computer Science/ Computer Applications, and industrial/ professional experience of 5 years in a position equivalent to the level of Lecturer/ Assistant Professor.
(* This recognition shall be valid only if the same is recommended unanimously by a 3- Member Committee of Experts appointed by the Competent Authority).

iii) Teaching, research industrial and/or professional experience in a reputed organization.

iv) Published work, such as research papers, books, and / or technical reports, patents filed / obtained.

v) Experience of guiding the project work/dissertation of PG/Research Students or supervising R&D projects in industry.

3. Assistant Professor

i) First Class in MCA or M.Tech. in Computer Science/ Computer Applications.

ii) Preference will be given for First Class Master's and First Class Bachelor's Degree holders.

iii) Ph.D. in Computer Applications/Computer Science will be given priority.

NOTE :

1. If a class/division is not awarded at Masters level/Bachelor's level, minimum of 60% marks in aggregate shall be considered equivalent of First Class/ Division. If a grade point system is adopted, the CGPA will be converted into equivalent marks as given below:-

PRECENTAGE EQUIVALENCE OF GRADE POINTS FOR A TEN POINTS SCALE

Grade	**Grade Point**	**Percentage Equivalent**
'Q' – Outstanding	5.50-6.00	75-100
'A' – Very Good	4.50-5.49	64-74
'B' - Good	3.50-4.49	55-64
'C' –Average	2.50-3.49	45-54
'D' -Below Average	1.50-2.49	34-44
'E' –Poor	0.50-1.49	25-34
'F' – Fail	0-0.49	0-24

GENERAL CONDITIONS

1. The candidates are required to apply in the prescribed Application Form enclosed. Candidates applying for more than one Department/ Post are required to use separate application forms.

2. **The appointment of faculty for Business Administration and Computer Applications will be made on long contract for 5 years till these courses run with all the benefits at par with the regular employees except pension.**

3. Number and nature of posts shown above may change and vary at the time of selection/recruitment.

4. The Institute reserves the right not to fill any post(s).

5. The Age limit and qualifications/experience etc. for all the posts shall be determined as on the last date of receipt of application forms.

6. Furnishing of any false information and/or suppression/ concealment of facts shall lead to rejection/cancellation of selection/recruitment, if made.

7. Any application without required certificates/testimonials and without SC/ST/OBC/PH certificate in case of reserved candidate issued by the competent authority is liable to be rejected.

8. Mere fulfillment of the required qualifications and experience etc., does not entitle a candidate to be called for interview/selection

9. The Institute reserves the right to restrict the number of candidates for interview to a reasonable limit, on the basis of qualifications and experience, higher than those prescribed in this advertisement, and as per merit decided by scrutiny committee.

10. Reservation for Physically Handicapped Category exists as per Govt. of India norms. Positions from this category will be filled up depending on the available of suitable candidate. Candidates may indicate this on their application forms and bring necessary certificates from competent authority as applicable to Central Government Service norms, at the time of interview.

11. A relaxation of 5% will be provided at the graduate and master's level for the SC/ST/Differently-abled (Physically and visually handicapped) categories for the purpose of eligibility and for assessing good academic record during direct recruitment to teaching positions.

12. Rounding off marks it to 60% or 55% as the case may be through grace marks procedure etc., by universities is not permissible.

13. Besides the basic pay in the applicable scale of pay of the respective posts, admissible allowances like DA, HRA etc. in accordance with central Government/Institute Rules in force from time to time are payable. The employees will be entitled to medical benefit for self and family. New Pension Scheme of Govt. of India is applicable on fresh recruiters as per Institute Rules. Accommodation, if available, will be provided on payment of usual rent (house rent allowances if accommodation is not provided). Leave Travel Concession for self and family once in a block of two years for visiting home town and once in a block of four years for visiting any place within India as per Central Government Rules.

14. All Degrees should be from recognized Universities/Institutes.

15. Candidates in Govt. service should send their applications through proper channel. In case, the original application if routed through proper channel which is likely to be delayed, a photocopy of the application should be send in advance before the prescribed last date. All candidates are required to produce No Objection Certificate at the time of interview.

16. The Industry/Research experience should be in Government or Public Enterprise or National Laboratory. However, experience in Private Industry will be considered provided it is incorporated in the Indian Companies Act of 1956.

17. Canvassing in any form will be disqualification for the post.

18. Applications received late due to Postal/Courier delays will not be considered. Any delay in receipt of application forms by the candidates will not be considered as an excuse for late submission of applications.

19. Bring all relevant certificates and testimonials at the time of interview (Original and one set attested copy).

20. All Candidates will have to appear for interview at their own cost, if called, before a Selection Committee on the date and place which will be separately notified to the candidates on Institute website in addition to postal communication. All eligible SC/ST candidates will be paid TA as per GOI norms for attending the interview.

21. Applicants have to apply in prescribed format available at Institute website on or before **02.03.2010.** Incomplete applications and those without supporting documents are likely to be rejected.

22. Selected candidates will have to undergo a medical fitness test prior to joining. They should be prepared to join duty within the specified time limit. Selected candidates will be on probation initially for one year which may be extended on unsatisfactory performance.

23. The decision of the Director will be final in all matters.

24. Any dispute will fall under the jurisdiction of Distt. Kurukshetra.

Deputy Registrar (GA & Legal)
for Director