



NATIONAL INSTITUTE OF TECHNOLOGY
G.E. Road, RAIPUR – 492 010

Advertisement No.: NITRR/Recruitment/2009/3171

Raipur Date: 04/12/2009

Advertisement given in National Newspapers

NATIONAL INSTITUTE OF TECHNOLOGY, RAIPUR
G.E. Road, Raipur, – 492 010 (Chhattisgarh)

Advertisement No./NITRR/Recruitment/2009/3171

Raipur, Dated 04/12/2009

FACULTY POSITIONS

National Institute of Technology, Raipur is a technical institute of national importance conducting various U.G., P.G. & Ph.D. programmes in engineering and technology. Applications are invited from Indian Nationals for the following faculty positions:

Position	Pay Scale
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/-

Note:

1. Details of Vacancies, Qualifications, Experience, Areas of Specialization and application form in the prescribed format can be downloaded from the institute's website www.nitr.ac.in
2. Application in the prescribed format should be submitted along with attested copies of certificates, testimonials and with a processing fee of Rs. 500/- (no fee for SC/ST/PH candidates) by D.D. in favour of “**Director**, National Institute of Technology, Raipur” payable at Raipur. Candidates from abroad can also apply using the downloaded application with processing fee of U.S. \$50 or equivalent (@ Rs.50/- per US \$).
3. Candidates desirous of applying for more than one discipline/post should submit separate application form along with processing fee for each discipline/post.
4. Reservation for all categories shall be as per Central Government Rules.
5. The candidate should submit the application in an envelope superscribing clearly “**APPLICATION FOR THE POST OF DISCIPLINE.....**” to **The REGISTRAR**, National Institute of Technology, G.E. Road, Raipur – 492 010 (Chhattisgarh).
6. Last date of receipt of application form is **Feb. 1, 2010 (Monday)** by Speed Post/ Registered post/ By hand.
7. Please refer institute's website www.nitr.ac.in for other terms and conditions.

Registrar
N.I.T., Raipur

**APPLICATIONS ARE INVITED FROM INDIAN NATIONALS FOR THE FOLLOWING FACULTY POSITIONS
IN VARIOUS DEPARTMENTS OF NATIONAL INSTITUTE OF TECHNOLOGY, RAIPUR:**

A. Positions and Pay Scales:

Position	Pay Scale
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/-

B. Details of Vacancies:

Name of Department	No. of Vacancies		
	Professor	Associate Professor	Assistant Professor
Architecture	2	3	8
Bio – Medical Engineering	1	3	5
Bio Technology	1	3	4
Chemical Engineering	3	1	2
Civil Engineering	2	1	7
Computer Sc. & Engineering	2	4	6
Electronics and Telecommunication	2	3	6
Electrical Engineering	1	4	7
Information Technology	2	4	5
Mechanical Engineering	2	1	8
Metallurgical Engineering	2	3	6
Mining Engineering	2	Nil	4
MCA	2	4	2
Applied Geology	1	1	Nil
Physics	1	Nil	1
Chemistry	1	1	2
Mathematics	2	2	4
English	Nil	1	1
Applied Mechanics	Nil	1	Nil
Training and Placement	1	Nil	Nil
Total	30	40	78

C. Qualifications & Experience

FOR THE POST OF ASSISTANT PROFESSOR

DEPARTMENT	ESSENTIAL QUALIFICATIONS
ENGINEERING AND TECHNOLOGY	First Class M.E. / M.Tech. in appropriate branch of Engineering / Technology
MCA	First Class MCA or First Class M.E. / M.Tech. in a specialization of Computer Science and Engineering / Technology or Information Technology or relevant field.
ARCHITECTURE	For one post of Assistant Professor First Class M.E. / M.Tech. in Civil Engineering with specialization in Structural Engineering. For remaining posts of Assistant Professor: First Class Master's Degree in Architecture / Planning / relevant field together with Bachelor's Degree in Architecture and valid registration with the Council of Architecture.
COMPUTER SCIENCE & ENGINEERING AND INFORMATION TECHNOLOGY DEPTS.	First Class Master's Degree in a specialization of Computer Science and Engineering / Technology or Information Technology with First Class Bachelor's degree in any discipline of Engineering / Technology
BIOTECHNOLOGY	First Class M.E. / M.Tech. in Biotechnology / Biochemical Engg/ Bioengineering / Bio-process Engg. / relevant field. OR Ph.D. in Applied Biological Sciences such as Microbiology, Biochemistry, Genetic Engineering, Molecular Biology, Pharmacy, Biophysics, and relevant fields Desirable: Candidates fulfilling the above criteria and having B.E. / B. Tech. In Biotechnology shall be given preference
BIOMEDICAL ENGINEERING	First Class M.E. / M.Tech. in Biomedical Engineering / Instrumentation / Electronics with Bachelor's Degree in Biomedical Engineering / Instrumentation / Electronics or relevant discipline. Desirable: Candidates fulfilling the above criteria and having B.E. / B.Tech. In Biomedical Engineering / Technology shall be given preference

Desirable:

1. Ph.D. in appropriate field and B.E./B.Tech. in appropriate branch of Engineering / Technology
2. Candidates who have cleared the eligibility test (NET/SLET/SET) for Lecturers / Assistant Professors in the disciplines, wherever applicable.

FOR THE POST OF ASSISTANT PROFESSOR

DEPARTMENT	ESSENTIAL QUALIFICATIONS
ENGLISH & APPLIED SCIENCES	Ph.D. Degree in relevant field with First Class in Bachelor's or Master's Degree in the relevant discipline

Desirable:

1. M. Phil in relevant field
2. Candidates who have cleared the eligibility test (NET/SLET/SET) for Lecturers / Assistant Professors.

FOR THE POST OF ASSOCIATE PROFESSOR

DEPARTMENT	ESSENTIAL QUALIFICATIONS & EXPERIENCE
ENGINEERING AND TECHNOLOGY	For Candidates from Teaching: Ph.D. with First Class at Bachelor's or Master's level in the appropriate branch of Engineering / Technology Experience: Five years experience in Teaching / Research at the level of Lecturer / Assistant Professor or equivalent grade, excluding the period spent for obtaining Ph.D. For Candidates from Industry & Profession: First Class Master's Degree in the appropriate branch of Engineering / Technology with professional work which is significant and can be recognized* as equivalent to Ph.D. Such candidates will be required to obtain Ph.D. within a period of seven years from the date of appointment as Associate Professor. Experience: Five years experience at a position equivalent to Lecturer / Assistant Professor
COMPUTER SCIENCE & ENGINEERING AND INFORMATION TECHNOLOGY DEPTS.	For Candidates from Teaching: Ph.D. in Computer Science & Engineering / Information Technology / relevant field with First Class M.E. / M.Tech. in a specialization of Computer Science & Engineering / Information Technology and First Class B.E. / B.Tech. in any branch of Engineering / Technology. Experience: Five years experience in Teaching / Research at the level of Lecturer / Assistant Professor or equivalent grade, excluding the period spent for obtaining Ph.D. For Candidates from Industry & Profession: First Class M.E. / M.Tech. in a specialization of Computer Science & Engineering / Information Technology with First Class B.E. / B.Tech. in any branch of Engineering / Technology and professional work which is significant and can be recognized* as equivalent to Ph.D. Such candidates will be required to obtain Ph.D. within a period of seven years from the date of appointment as Associate Professor. Experience: Five years experience at a position equivalent to Lecturer / Assistant Professor

MCA	For Candidates from Teaching: Ph.D. in Computer Applications / Computer Science & Engineering / Computer Technology / Information Technology with First Class at Bachelor's or Master's level in relevant field. Experience: Five years experience in Teaching / Research at the level of Lecturer / Assistant Professor or equivalent grade, excluding the period spent for obtaining Ph.D. For Candidates from Industry & Profession: Candidates from Industry / Profession with First Class MCA or First Class M.E. / M.Tech. in a specialization of Computer Science & Engineering / Computer Technology / Information Technology with professional work which is significant and can be recognized* as equivalent to Ph.D. degree. Such candidates will be required to obtain Ph.D. degree within a period of seven years from the date of appointment as Associate Professor. Experience: Five years experience in a position equivalent to the level of Lecturer / Assistant Professor.
APPLIED GEOLOGY	For Candidates from Teaching: Ph.D. Degree in relevant field with First Class at Bachelor's or M. Tech. degree in Applied Geology. Experience: Five years experience in Teaching / Research at the level of Lecturer / Assistant Professor or equivalent grade excluding the period spent for obtaining Ph.D. For Candidates from Industry & Profession: First Class M. Tech. in Applied Geology with professional work which is significant and can be recognized* as equivalent to Ph.D. Such candidates will be required to obtain Ph.D. within a period of seven years from the date of appointment as Associate Professor. Experience: Five years experience at a position equivalent to the level of Lecturer / Assistant Professor
ARCHITECTURE	For Candidates from Teaching: Ph.D. in relevant field with First Class at Master's Degree (Architecture / Planning / relevant discipline) or B. Arch. Degree together with valid registration with Council of Architecture Experience: Five years experience in Teaching / Research / Professional work at the level of Lecturer / Assistant Professor or equivalent grade excluding the period spent for obtaining Ph.D. For Candidates from Industry & Profession: First Class Master's Degree in Architecture / Planning / relevant discipline with professional work which is significant and can be recognized* equivalent to Ph.D. degree in Architecture / Planning / Relevant field. Such candidates will be required to obtain Ph.D. degree within a period of seven years from the date of appointment as Associate Professor. Experience: Five years experience in a position equivalent to the level of Lecturer / Assistant Professor. Valid Registration with Council of Architecture is required.

APPLIED MECHANICS	For Candidates from Teaching: Ph.D in relevant field with first class at Bachelor's or Master's Level in Applied Mechanics / Mechanical Engineering / Civil Engineering with specialization in Applied Mechanics / Solid Mechanics / Fluid Mechanics / Machine Design / Structural Engineering / Relevant field Experience: Five years experience in Teaching / Research at the level of Lecturer / Asst. Professor or equivalent grade excluding the period spent for obtaining Ph.D. For Candidates from Industry & Profession: First Class Master's Degree in Applied Mechanics / Mechanical Engineering / Civil Engineering with specialization in Applied Mechanics / Solid Mechanics / Fluid Mechanics / Machine Design / Structural Engineering / Relevant field with professional work which is significant and can be recognized* as equivalent to Ph.D. Such candidates will be required to obtain Ph.D. within a period of seven years from the date of appointment as Associate Professor. Experience: Five years experience at a position equivalent to Lecturer / Assistant Professor
ENGLISH & APPLIED SCIENCES	For Candidates from Teaching: Ph.D. Degree in the relevant field together with First Class at Bachelor's or Master's level in relevant discipline Experience: Five years experience in 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 spent for obtaining Ph.D. and / or M.Phil. Degrees.
BIO-TECHNOLOGY	For Candidates from Teaching: Ph.D. Degree together with First Class in M.E. / M.Tech. or B.E. / B. Tech. in Biotechnology branch of Engineering/ Biochemical Engg/ Bioengineering / Bio-process Engg. / relevant field. OR Ph.D. Degree in Applied Biological Sciences such as Microbiology, Biochemistry, Genetic Engineering, Molecular Biology, Pharmacy, Biophysics and relevant fields Desirable: Candidates fulfilling the above criteria and having B.E. / B. Tech. In Biotechnology/Biochemical Engg. shall be given preference. Experience: Five years experience in teaching/ research and / or industry at the level of Lecturer / Assistant Professor or equivalent grade excluding the period spent for obtaining Ph.D. For Candidates from Industry & Profession: First Class Master's Degree in Biotechnology branch of Engineering/ Biochemical Engg./ Bioengineering / Bio-process Engg. / Applied Biological Sciences / relevant field. Experience: Significant professional work which can be recognized* as equivalent to a Ph.D. Degree in appropriate branch of Engineering / Technology and Industrial / Professional experience of five years in a position equivalent to the level of Lecturer / Assistant Professor. Such candidates will be required to obtain Ph.D. within a period of seven years from the date of appointment as Associate Professor.

DEPARTMENT	ESSENTIAL QUALIFICATIONS & EXPERIENCE
BIO-MEDICAL ENGINEERING	For Candidates from Teaching: Ph.D. Degree together with First Class Bachelor's or Master's Degree in Biomedical Engineering / Instrumentation / Electronics or relevant branch of Engineering/Technology. Experience: Five years experience in teaching / research and / or industry at the level of Lecturer / Assistant Professor or equivalent grade excluding the period spent on obtaining the Ph.D. For Candidates from Industry & Profession: First Class Master's Degree in Biomedical Engineering / Instrumentation / Electronics or relevant branch of Engineering. Experience: Significant professional work which can be recognized* as equivalent to Ph.D. in appropriate branch of Engineering / Technology and Industrial / Professional experience of five years in a position equivalent to the level of Lecturer / Assistant Professor. Such candidates will be required to obtain Ph.D. within a period of seven years from the date of appointment as Associate 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.

Desirable:

1. Teaching, research, industrial and/or professional experience in a reputed / organisation-
2. Published work such as research papers, books and/or technical reports, patents filed / obtained.
3. Experience of guiding the project work / dissertation of P.G. / Ph.D. students or supervising R&D projects in industry.

FOR THE POST OF PROFESSOR

DEPARTMENT	ESSENTIAL QUALIFICATIONS & EXPERIENCE
ENGINEERING AND TECHNOLOGY	For Candidates from Teaching: Ph.D. with first class degree at Bachelor's or Master's level in the appropriate branch of Engineering / Technology Experience: Ten years experience in Teaching / Research out of which five years must be at the level of Reader / Associate Professor or equivalent. For Candidates from Industry & Profession: First Class Master's Degree in the appropriate branch of Engineering / Technology Experience: Professional work which is significant & can be recognized* as equivalent to Ph.D. degree in appropriate branch of Engg./Tech. and ten years experience of which five years should be at a Senior level comparable to that of Reader / Associate Professor.
COMPUTER SCIENCE & ENGINEERING AND INFORMATION TECHNOLOGY DEPTS.	For Candidates from Teaching: Ph.D. in Computer Science & Engineering / Information Technology relevant field with First Class M.E. / M.Tech. in a specialization of Computer Science & Engineering / Information Technology and First Class B.E. / B.Tech. in any branch of Engineering / Technology Experience: Ten years experience in Teaching / Research out of which five years must be at the level of Reader / Associate Professor or equivalent.

COMPUTER SCIENCE & ENGINEERING AND INFORMATION TECHNOLOGY DEPTS	For Candidates from Industry & Profession: First Class M.E. / M.Tech. in a specialization of Computer Science & Engineering / Information Technology with First Class B.E. / B.Tech. in any branch of Engineering / Technology. Experience: Professional work which is significant and can be recognized* as equivalent to Ph.D. degree in appropriate branch of Engg./Tech. and ten years industrial/ professional experience of which five years should be at a Senior level comparable to that of Reader / Associate Professor.
MCA	For Candidates from Teaching: Ph.D. with First Class Degree at Bachelor's or Master's level in Computer Applications / Computer Science & Engg. / Information Technology. Experience: Ten years experience in Teaching / Research out of which five years must be at the level of Reader / Associate Professor or equivalent. For Candidates from Industry & Profession: Candidates from Industry / Profession with First Class MCA or M.E. / M.Tech. in a specialization of Computer Science & Engg. / Information Technology Experience: Professional work experience of Ten years in relevant industry of which at least five years should be at a Senior level comparable to that of a Reader / Associate Professor.
ARCHITECTURE	For Candidates from Teaching: Ph.D. degree with first class Master's degree in Architecture or planning or relevant field with Bachelor's degree in Architecture and valid registration with Council of Architecture Experience: Ten years of experience in Teaching / Research out of which five years must be at the level of Reader / Associate Professor or equivalent. For Candidates from Industry & Profession: First class Master's degree in Architecture/planning or relevant field with Bachelor's degree in Architecture and valid registration with Council of Architecture Experience: professional work which is significant and can be recognized* as equivalent to Ph.D. degree in appropriate branch of Architecture/Planning and ten years industrial/professional experience of which five years should be at a Senior level comparable to that of Reader / Associate Professor.
APPLIED SCIENCES	Ph.D. Degree in relevant field of Applied Science with First Class Degree at Bachelor's or Master's level in relevant discipline. Experience: Ten years experience of which at least five years should be at a senior level comparable to that of Reader / Associate Professor in Teaching/ research at the University / National level Institutions/ Research Organizations, including experience of guiding research at Doctoral level. Desirable: Post-Doctoral work in appropriate branch of Science.

APPLIED GEOLOGY	For Candidates from Teaching: Ph.D. Degree in relevant field with First Class at Bachelor's or M.Tech. degree in Applied Geology. Experience: Ten years experience in Teaching / Research out of which five years must be at the level of Reader / Associate Professor or equivalent. (Desirable: Post-Doctoral work in Applied Geology) For Candidates from Industry & Profession: First Class M. Tech. in Applied Geology with professional work which is significant and can be recognized* as equivalent to Ph.D. Experience: Ten years experience of which at least five years should be at a senior level comparable to that of Reader / Associate Professor
TRAINING & PLACEMENT	For Candidates from Teaching: Ph.D. in any branch of Engineering / Technology/ Management with first class at B.E./B.Tech. or M.E./M.Tech. in any branch of Engg./Technology. Experience: Ten years experience out of which at least five years should be at a senior level comparable to that of Reader / Associate Professor in Teaching/ research at the University / National level Institutions or equivalent. For Candidates from Industry & Profession: First class Master's degree in any branch of Engineering/ Technology/ Management. Experience: Professional work which is significant and can be recognized* as equivalent to Ph.D. degree in appropriate branch of Engg./Tech./ Management and ten years industrial/professional experience of which five years should be at a Senior level comparable to that of Reader / Associate Professor. Desirable: Experience in Training & Placement Dept. of a reputed University/ National Institute/ Industry/ Research Organization.
BIO-TECHNOLOGY	For Candidates from Teaching: Ph.D. Degree together with First Class in M.E. / M.Tech. or B.E. / B. Tech. in Biotechnology branch of Engineering/ Biochemical Engg/ Bioengineering / Bio-process Engg. / relevant field OR Ph.D. Degree in Applied Biological Sciences such as Microbiology, Biochemistry, Genetic Engineering, Molecular Biology, Pharmacy, Biophysics and relevant fields. Desirable: Candidates fulfilling the above criteria and having B.E. / B. Tech. In Biotechnology/Biochemical Engg. shall be given preference. Experience: Ten years experience in teaching / research and / or industry out of which at least five years should be at the level of Reader / Associate Professor or equivalent grade. For Candidates from Industry & Profession: First Class Master's Degree in Biotechnology branch of Engineering/ Biochemical Engg./ Bio-process Engg. / Bioengineering / Applied Biological Sciences / relevant discipline. Experience: Significant professional work which can be recognized* as equivalent to a Ph.D. Degree in appropriate branch of Engineering / Technology / Applied Biological Sciences and Industrial / Professional experience of ten years out of which at least five years should be at a senior level equivalent to the level of Reader / Associate Professor.

BIO-MEDICAL ENGINEERING	For Candidates from Teaching: Ph.D. Degree with First Class Bachelor's or Master's Degree in Bio-Medical Engineering / Instrumentation / Electronics / Electrical or relevant branch of engineering Experience: Ten years experience in teaching / research and / or industry out of which at least five years should be at the level of Reader / Associate Professor or equivalent grade. For Candidates from Industry & Profession: First Class Master's Degree in Biomedical Engg. / Instrumentation / Electronics /relevant discipline of Engineering. Experience: Significant professional work which can be recognized* as equivalent to Ph.D. Degree in appropriate branch of Engineering and Industrial / Professional experience of ten years out of which at least five years should be at a senior level equivalent to the grade of Reader / Associate Professor.
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* This recognition shall be valid only if the same is recommended unanimously by a 3 member committee of experts appointed by the competent authority.

Desirable:

1. Teaching, Research, Industrial and / or professional experience in a reputed organisation.
2. Published work, such as research papers, books and / or technical reports, patents filed / obtained.
3. Experience of guiding the project work / dissertation of P.G. / Ph.D. Students or supervising R&D projects in industry.
4. Demonstrated leadership in planning and organising academic, research, industrial and / or professional activities.
5. Capacity to undertake / lead sponsored R&D, consultancy and related activities.

Note:

In case of meritorious candidates with exceptional academic/research work, relaxation in experience shall be considered for the post of Associate Professor and Professor.

D. Important Information:

Last date of Receipt of Application:	Feb.1, 2010
Mode of Receiving the Application:	By Hand / Speed Post / Registered Post
Address for Sending the Application:	The Registrar, National Institute of Technology, G.E. Road, Raipur - 492 010 (Chhattisgarh), India.

E. Areas of specialisation

S. No.	Department	Areas of specialisation
1	Architecture	Urban Planning, Town Planning, City Planning, Urban Design, Housing, Digital Architecture, Landscape Architecture, Conservation, Environmental Planning and related fields.
2	Bio Medical Engineering	Biomedical Instrumentation, Biomaterials, Neural Engineering, Bioelectronics & Instrumentation, Tissue Engineering, Medical Engineering, Rehabilitation Engineering, Clinical Engineering, System Physiology & Medical Imaging and related fields.

3	Bio Technology Engineering	Bioprocess Engineering, Bio informatics, Genetic Engineering, Genetics & Proteomics, Plant Tissue Culture, Animal Cell Culture, Environmental Biotechnology, Pharmaceutical Biotechnology, Protein Engineering, Enzymology, Fermentation Technology and related areas.
4	Chemical Engineering	Modelling and simulation, Reactor Design, Transport Phenomena, Process Dynamics and Control, Heat and Mass Transfer Operations, Fluid Dynamics, Bio-Chemical Engineering and related fields.
5	Civil Engineering Department	Structural Engineering, Earthquake Engineering, Environmental Engineering, Geotechnical Engineering, Rock Mechanics, Remote Sensing & Surveying, Transportation Engineering, Construction & Project Management and related fields.
6	Computer Science and Engineering	Data Mining & Warehousing, Artificial Intelligence & Expert Systems, Software Engineering, Mobile & Pervasive Computing, Design & Analysis of Algorithms, Soft Computing, Parallel Processing, Distributed Systems, Image Processing & Multimedia, Information Security, Computer graphics, Machine vision, Bio-informatics, Scientific Computing and related fields
7	Electronics and Telecommunication Engg.	VLSI and microelectronics, Telecommunication networks, security and management, Signal Processing, Embedded systems, Automation and robotics, RF and Microwave Engineering, Wireless communication and networks, Optical communication and networks, Multimedia, Mobile Computing, Electronic circuits & systems and related fields.
8	Electrical Engineering	Computer Sc. & Engineering, Computer Technology, Power Systems, Control Engineering, High Voltage Engineering, Electrical Machines & Drives, Instrumentation, Power Electronics and related fields.
9	Information Technology	Computer Networks, Theory of Computation, Compiler Technology, Programming languages, Information System, Software Engineering, Database Technology, Distributed Systems, Parallel Processing, Information Security, E-Commerce, E-Learning, Human Computer Interaction, Multimedia Systems, Computer Vision, Image Processing, Mobile Computing, Ad hoc and Sensor Networks, Algorithms and Graph Theory, Soft Computing, Internet Technologies and related fields.
10	MCA	Mobile Computing, VLSI, Image Processing, Pattern Recognition, Expert System, Analysis of Algorithms, Computer Vision, Soft Computing, Network Security, Software Engineering, Bio-Informatics, Parallel Computing, Grid Computing, Object Oriented Concepts, Database Application, Distributed Systems, E-Commerce Application, Embedded Systems, Data Warehousing & Data Mining or relevant specialization
11	Mechanical Engineering	Industrial Engineering, Industrial Management, Production Engineering, Production Technology, Thermal Engineering, Machine Design, Robotics and related fields.

12	Metallurgical Engineering	Extractive metallurgy with specialization in (i) iron and steel making or (ii) Non ferrous extraction or (iii) Corrosion. Physical metallurgy, Mechanical Metallurgy, Materials Science, Fracture Mechanics & Failure Analysis, Powder Metallurgy, Process metallurgy with adequate background in process modelling, Industrial metallurgy, Novel materials processing and characterization, Transport phenomena (Heat & Mass Transfer), Foundry Engineering, Forging Technology, Fracture Mechanics & Failure Analysis and related fields.
13	Mining Engineering	Mine Planning and Design, Rock Mechanics, Mine Environment, Opencast mining, Rock Excavation Engineering and related fields.
14	Applied Geology	Geology, Stratigraphy, Geochemistry, Economic Geology, Exploration Geology, Structural Geology, Mineralogy, Geochemistry, Sedimentology, Hydrogeology, Remote Sensing, Engineering Geology, Mineral Economics, Geo statistics and related fields.
15	Applied Mechanics	Solid Mechanics, Fluid Mechanics, Machine Design, Structural Engineering and related fields
16	Training and Placement	Significant Research work in any branch of Engineering /Technology/ Management with experience in training and placement activities
17	Physics	Electro-optics, Nano materials, Lasers and optical fibres, Polymers, Solid State Physics, Nuclear Physics, Engineering Physics and related fields
18	Chemistry	Organic Chemistry, Inorganic Chemistry, Physical Chemistry, Biochemistry, Industrial Chemistry and related fields
19	Mathematics	Numerical Methods, Finite Element Methods, Differential Equations, Optimisation Techniques, Operations Research, Fluid Dynamics, Algebra, Group Theory, Graph Theory and related fields
20	English	English Literature, Business Communication Skills

F. General Instructions:

1. Separate application forms should be submitted by the candidates for more than one post / department.
2. In case of supplying any wrong information, candidature of the applicant will be cancelled.
3. The candidate should send their application in an envelope super-scribed clearly" APPLICATION FOR THE POST OF _____ in the Discipline of _____" TO The REGISTRAR, National Institute of Technology, G.E. Road, Raipur – 492 010 , Chhattisgarh, India.
4. Application in the prescribed format, downloaded from the website (www.nitr.ac.in), should be submitted along with attested copies of certificates, testimonials and with a processing fee of Rs 500/- (NO FEE FOR SC/ST/PH CANDIDATES) by Demand Draft in favor of "Director, National Institute of Technology, Raipur" payable at Raipur. Candidates from abroad can also apply by using the downloaded application with processing fee of US \$ 50 or equivalent @ Rs.50/- per U.S. \$.

5. Reservation and relaxation as per Govt. of India norms are applicable. Candidates belonging to SC / ST / OBC categories must submit the attested xerox copies of their certificates, obtained from revenue authorities not below the rank of tehsildar or from a first class magistrate of the place of origin of the candidate clearly authenticating the category to which they belong. If called for interview, candidate must bring the original certificates.
6. Reservation for Physically Handicapped Category exists as per Govt. of India norms. Positions from this category will be filled up depending on the availability of the suitable candidates. Candidates may indicate this on their application forms and attach Xerox copies of necessary certificates from competent authority as applicable to Central Govt. Service norms.
7. The Institute has the right to set different as well as higher norms, while short listing, taking into the requirements of the departments. Mere fulfillment of the required qualifications and experience etc. does not entitle a candidate to be called for interview / selection.
8. The Institute has the right to call only the short listed candidates for interview and to fill up or not to fill up any of the posts.
9. The Institute may conduct written and / or Practical Tests for all the above posts and only those candidates who qualify the said tests will be called for interview.
10. All degrees of the candidate should be from recognized universities / institutes.
11. Candidates in Govt. service should send their applications through proper channel. The original application if routed through proper channel and is likely to be delayed, a photocopy of the application should be sent in advance before the prescribed last date. All candidates are required to produce No Objection Certificate at the time of interview.
12. No correspondence, whatsoever, will be entertained from candidates regarding conduct and result of interview and reasons for not being called for interview.
13. The application form without the attested copies of all relevant certificates and testimonials will be rejected without intimation. Also, applications received in inappropriate format will be summarily rejected. Canvassing in any form will be a disqualification.
14. **Right to Restrict:** Where the number of applicants for a post is extraordinarily high, then the Institute has absolute right to restrict the number of applicants by fixing higher qualifications / short listing as yard stick granting eligibility for the Interview / Test.
15. Any change made in the provisions by MHRD/AICTE, Govt. of India will be considered deemed to be effective on the clauses of this advertisement.
16. The Institute reserves the right to offer appointment either in regular position or on contractual basis or on deputation from the Govt. organization.
17. Experienced and meritorious candidates may be granted higher scale / increments on recommendation of Selection Committee.
18. The number of posts may vary as per the requirement of the institute at the time of recruitment.
19. This is a standing advertisement for faculty positions to be placed in phased manner. Subsequent recruitment cycles will be announced through the institute's website <http://www.nitr.ac.in>, interested candidates may browse the institute's website periodically for updates on the same.
20. Last date of submission / receipt of completed application form is **Feb.1, 2010**. Application should be sent by Speed Post / Registered Post/ by hand only.