

ANNEXURE TO ITEM <sup>71-3</sup>

**22<sup>nd</sup> MEETING OF  
SENATE  
Agenda**



**NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA**

**TO BE HELD ON: 10<sup>th</sup> April, 2013**

**NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA-136119**

<b>Agenda</b>	:	<b>22<sup>nd</sup> Meeting of the Senate</b>
<b>Venue</b>	:	<b>Senate Hall, NIT, Kurukshetra</b>
<b>Date &amp; Time</b>	:	<b>10<sup>th</sup> April, 2013 at 3:00 pm.</b>

<b>Item No.</b>	<b>Agenda Item</b>	<b>Pages</b>
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Item 22.1: To confirm the minutes of the 21<sup>st</sup> meeting of the Senate held on 21.02.2013.

The minutes of the 21<sup>st</sup> meeting of the Senate held on 21.02.2013 were circulated to all the members of the Senate on 27.02.2013. No comments were received on the minutes. The minutes are enclosed as Annexure 22.1 from page 2 to 10. The minutes of 21.10 and 21.11 items had already been confirmed by the Senate during 21<sup>st</sup> meeting itself.

The Senate may confirm the minutes of the remaining items.

Minutes of the 21<sup>st</sup> meeting of the Senate of National Institute of Technology, Kurukshetra held on 22<sup>nd</sup> February, 2013 at 11:00 a.m. in the Senate Hall of the Institute.

The following were present:

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| 1. Prof. Anand Mohan<br>Director<br>NIT, Kurukshetra  | Chairman |
| 2. Prof. (Ms.) Shashikala Achyut Gangal<br>ISRO Chair Professor<br>Department of Electronics Science<br>University of Pune,<br>Pune-411 007 | Member   |
| 3. Prof. V K Arora<br>Professor & Dean (P&D)<br>Civil Engineering Department<br>NIT, Kurukshetra  | Member   |
| 4. Prof. V K Sehgal<br>Professor & Dean (Faculty Welfare)<br>Civil Engineering Department<br>NIT, Kurukshetra                               | Member   |
| 5. Prof. S K Sharma<br>Professor & Dean (Students' Welfare)<br>Mechanical Engineering Department<br>NIT, Kurukshetra                        | Member   |
| 6. Prof. A K Gupta<br>Professor & Dean (Academic)<br>Electronics & Comm. Engg. Department<br>NIT, Kurukshetra                               | Member   |
| 7. Prof. (Ms.) Minati Baral<br>Professor & Head<br>Chemistry Department<br>NIT, Kurukshetra   | Member   |

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| 8. Prof. D. K. Soni<br>Professor & Head<br>Civil Engineering Department<br>NIT, Kurukshetra                    | Member |
| 9. Prof. N. K. Gupta<br>Professor<br>Civil Engineering Department<br>NIT, Kurukshetra                          | Member |
| 10. Prof. S. S. Rattan<br>Professor<br>Mechanical Engineering Department<br>NIT, Kurukshetra                   | Member |
| 11. Prof. K. S. Sandhu<br>Professor<br>Electrical Engineering Department<br>NIT, Kurukshetra                   | Member |
| 12. Prof. Sudhir Kumar<br>Professor & Head<br>Mechanical Engineering Department<br>NIT Kurukshetra             | Member |
| 13. Prof. Rajender Kumar<br>Professor & Head<br>Department of Humanities & Social Sciences<br>NIT, Kurukshetra | Member |
| 14. Prof. S. K. Madan<br>Professor<br>Civil Engineering Department<br>NIT, Kurukshetra                         | Member |
| 15. Prof. H. K. Sharma<br>Professor<br>Civil Engineering Department<br>NIT, Kurukshetra                        | Member |
| 16. Prof. (Ms.) Lillie Dewan<br>Professor & Head<br>Electrical Engineering Department<br>NIT, Kurukshetra      | Member |
| 17. Prof. Dixit Garg<br>Professor<br>Mechanical Engineering Department<br>NIT, Kurukshetra                     | Member |

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| 18. Prof. P. J. Philip<br>Professor<br>Department of Humanities & Social Sciences<br>NIT, Kurukshetra        | Member |
| 19. Prof. J. K. Quamara<br>Professor & Head<br>Physics Department<br>NIT, Kurukshetra                        | Member |
| 20. Prof. R. S. Bhatia<br>Professor<br>Electrical Engineering Department<br>NIT Kurukshetra                  | Member |
| 21. Prof. G. L. Pahuja<br>Professor<br>Electrical Engineering Department<br>NIT Kurukshetra                  | Member |
| 22. Prof. K. K. Singh<br>Professor & Dean (Estate & Con.)<br>Civil Engineering Department<br>NIT Kurukshetra | Member |
| 23. Prof. Subodh Rajan<br>Professor<br>Civil Engineering Department<br>NIT Kurukshetra                       | Member |
| 24. Prof. (Ms.) Ratna Dahiya<br>Professor<br>Electrical Engineering Department<br>NIT Kurukshetra            | Member |
| 25. Prof. Anupam Mittal<br>Professor<br>Civil Engineering Department<br>NIT, Kurukshetra                     | Member |
| 26. Prof. Dinesh Khanduja<br>Professor<br>Mechanical Engineering Department<br>NIT Kurukshetra               | Member |
| 27. Prof. R. K. Sharma<br>Professor<br>Electronics & Comm. Engineering Department<br>NIT Kurukshetra         | Member |

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28. Prof. D.P. Sahu Professor & Head Electronics & Comm. Engg. Department NIT, Kurukshetra	Member
29. Prof. S.M. Gupta Professor & COE Civil Engineering Department NIT Kurukshetra	Member
30. Prof. Arun Goel Professor Civil Engineering Department NIT, Kurukshetra	Member
31. Prof. Dinesh Kumar Professor Chemistry Department NIT, Kurukshetra	Member
32. Prof. D.P. Singh Professor Chemistry Department NIT, Kurukshetra	Member
33. Prof. P.C. Tiwari Professor Mechanical Engineering Department NIT Kurukshetra	Member
34. Prof. L.M. Saini Professor & Prof. VC (Academics & Senate Affairs) Electrical Engineering Department NIT Kurukshetra	Member
35. Prof. Hari Singh Professor Mechanical Engineering Department NIT Kurukshetra	Member
36. Prof. S.K. Palidar Professor Civil Engineering Department NIT, Kurukshetra	Member
37. Prof. Ashwani Jain Professor Civil Engineering Department NIT, Kurukshetra	Member

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| 38. Dr. Jitender Chhabra<br>Associate Professor & Head<br>Computer Engineering Department<br>NIT, Kurukshetra | Special Invitee   |
| 39. Dr. Paras Ram<br>Associate Professor & Head<br>Mathematics Department<br>NIT, Kurukshetra                 | Special Invitee   |
| 40. Sh. G.R. Samantray<br>Registrar / VC<br>NIT, Kurukshetra  | Secretary, Senate |

The following members could not attend the meeting

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| 1. Prof. Chandra Shekhar<br>Director<br>Central Electronics Engg. Research Institute (CEERI)<br>Pilani (Raj.)  | Member |
| 2. Prof. Rajendra Rai<br>Head of the Department<br>Department of Economics<br>Faculty of Social Sciences<br>Banaras Hindu University<br>Varanasi-221 005 | Member |
| 3. Prof. A Swarup<br>Professor & Dean (Research & Consultancy)<br>Electrical Engineering Department<br>NIT, Kurukshetra                                  | Member |
| 4. Prof. Brahmjit Singh<br>Professor<br>Electronics & Comm. Engg. Department<br>NIT, Kurukshetra   | Member |
| 5. Prof. Baldev Setia<br>Professor<br>Civil Engineering Department<br>NIT, Kurukshetra   | Member |
| 6. Prof. Diwan Singh<br>Professor<br>Civil Engineering Department<br>NIT, Kurukshetra  | Member |



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| 7. | Prof. B N Sachdeva<br>Professor<br>Civil Engineering Department<br>NIT, Kurukshetra    | Member |
| 8. | Prof. Sujit Angra<br>Professor<br>Mechanical Engineering Department<br>NIT Kurukshetra | Member |

- 21.1 To confirm the minutes of the 20<sup>th</sup> meeting of the Senate held on 10.05.2012.

The Senate confirmed the minutes of 20<sup>th</sup> meeting of the Senate held on 10.5.2012.

- 21.2 To note the action taken on the minutes of the 18<sup>th</sup> and 20<sup>th</sup> meetings of the Senate held on 28.02.2012 & 10.05.2012 respectively.

The Senate noted the action taken report on the minutes of 19<sup>th</sup> and 20<sup>th</sup> meetings of the Senate held on 28.02.2012 and 10.05.2012 respectively.

- 21.3 To note decisions taken in 41<sup>st</sup> and 42<sup>nd</sup> meeting of Standing Committee on Senate Affairs (SCSA)

The Senate noted the decision taken in its 41<sup>st</sup> and 42<sup>nd</sup> meetings of Standing Committee on Senate Affairs

- 21.4 To note the approval of the Chairman, Senate to the procedures for assigning (i) roll nos. to the students and (ii) course nos. to various subjects offered in UG/PG/Ph.D programs.

The Senate noted the approval of the Chairman, Senate to the procedure of assigning i) Roll Nos. to the students and ii) Course Nos. to various subjects offered in UG, PG and Ph. D. programmes.

The HOD, Chemistry and HOD, (Humanities and Social Sciences) Departments pointed out that the Codes for courses offered by the Departments of Physics, Chemistry, Mathematics and HSS have not been included in the procedure. The Dean (Academics) assured to do the needful and communicate the same to the concerned Departments.

- 21.5 To note approval of the Chairman, Senate to Scheme and Syllabi of various M.Tech. programs.

The Senate noted the approval of the Chairman, Senate to Scheme and Syllabi of various M. Tech. Programmes.

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- 21.6 To note the approval of the Chairman, Senate to the revised scheme & syllabi of B.Tech courses and the courses offered to Ph.D students by Departments of Physics, Chemistry and Mathematics.

The Senate noted the approval of the Chairman, Senate to the revised Scheme & Syllabi of B.Tech courses and the courses offered to Ph. D. students by Departments of Physics, Chemistry and Mathematics.

The HOD, Mathematics Department pointed out that the course nos. of the subjects offered in the Department of Mathematics need to be modified in accordance with the new procedure for assigning the course numbers to the subjects. Dean (Academics) assured to do the needful and communicate the same to the concerned Departments.

- 21.7 To consider and approve the proposal of Mechanical Engg. Deptt. for change of name from B.Tech (Industrial Engg. & Management) to B.Tech (Production and Industrial Engg).

The Senate approved the proposal of Mechanical Engineering Department for change of name of B.Tech (Industrial Engineering & Management) to B.Tech (Production and Industrial Engineering).

Dr. K. K. Singh, Dean (Estate) pointed out that this change of name should be intimated to the Central Counselling Board (CCB). The Dean (Academics) assured to do the needful.

- 21.8. To consider and approve the scheme and syllabi of B.Tech (Production & Industrial Engg)

The Senate approved the Scheme and Syllabi of B. Tech. (Production & Industrial Engineering).

- 21.9 To consider the request of B.Tech./M.Tech./MBA/MCA students for awarding final degree with Honors.

The Senate considered the request of the students for awarding final degree with Honors. The Senate declined the request.

- 21.10 Approval to the list of students to be awarded degrees in 10<sup>th</sup> Convocation

The Senate approved the list of students to be awarded degrees in 10<sup>th</sup> Convocation of the Institute.

It was also decided that the Heads of the Departments may go through the respective list of Degree awardees and intimate the discrepancy observed, if any, to the Dean (Academics) within next three working days.

21.11 Approval for the students to be awarded Medals and Certificates.

The Senate approved the list of students to be awarded Medals and Certificates in 10<sup>th</sup> Convocation of the Institute.

It was also decided that the Heads of the Departments may go through the respective list of Medal awardees and intimate the discrepancy observed, if any, to the Dean (Academics) within next three working days.

The Senate has also decided to confirm the minutes of 21.10 and 21.11 items during the meeting itself.

21.12 To note the result of students passing out during academic year 2011-12

The Senate noted the result of students passing out during Academic year 2011-12.

21.13 To note the admission status of various UG / PG Courses in the Institute for the academic session 2012-13.

The Senate noted the admission status of various UG and PG Courses in the Institute for the Academic Session 2012-13.

21.14 Any other item.

No discussion under 'any other item' took place.

21.15 To consider Conferment of Honorary Degree of D.Sc. (Honoris Causa) on Dr. Suresh Rai, Professor Department of Electrical and Computer Engineering, Louisiana State University (USA).

The Senate approved the conferment of Honorary Degree of D.Sc. (Honoris Causa) on Dr. Suresh Rai, Professor, Department of Electrical and Computer Engineering, Louisiana State University (USA) at 10<sup>th</sup> Convocation of the Institute.

21.16 To consider Conferment of D.Sc. (Honoris Causa) on Dr. Rohit Sharma, CEO, Syfto Inc. (USA).

The Senate approved the conferment of Honorary Degree of D.Sc. (Honoris Causa) on Dr. Rohit Sharma, CEO, Syfto Inc.(USA) at 10<sup>th</sup> Convocation of the Institute.

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21.17 To consider Conferment of Honorary Degree of Ph.D. (Honoris Causa) on Prof. Inderjit Singh Lamba, distinguished alumnus of 1<sup>st</sup> Batch of REC, Kurukshetra.

The Senate approved the conferment of Honorary Degree of Ph. D. (Honoris Causa) on Prof. Inderjit Singh Lamba, distinguished alumnus of 1<sup>st</sup> batch of REC, Kurukshetra at 10<sup>th</sup> Convocation of the Institute.

21.18 To consider payment of remuneration to faculty members, for examination work.

The Senate approved the proposal of payment of remuneration to faculty members for examination work.

The meeting ended with a vote of thanks to the Chair.

  
(G. R. Samantary) 25/04/19  
Registrar VC & Secretary, Senate  
NIT, Kurukshetra

Item 22.2: To consider and approve modified prospectus for Ph.D program

Some modifications have been proposed in the existing Ph.D prospectus in order to improve the quality of the Ph.D program. The modified Ph.D Prospectus is enclosed as Annexure 22.2 from page 12 to 43. It is proposed that the modified Prospectus be effective from the academic session 2013-14.

The Senate may consider and approve.

UNIVERSITY



PH.D PROGRAMS

(2013-14)

**NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA**

**PROSPECTUS**



**Ph.D. PROGRAMS**

**(2013-2014)**

## NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA

The National Institute of Technology, Kurukshetra, an Institute of national importance, offers through its departments, postgraduate programs leading to the award of the degree of M.Tech, and Ph.D.

The Institute undertakes sponsored research and development projects from various industrial and other organizations in public and private sectors. The Institute encourages research in inter-disciplinary areas also, and provides opportunities for such research programs.

The National Institute of Technology, Kurukshetra (NITK), formerly a Regional Engineering College, was conferred the deemed university status on 26.6.2002, and declared an "Institute of national importance", on 15.08.07. The Institute is now fully and directly funded by Central Government through the Ministry of Human Resource Development.

Kurukshetra, located on Delhi–Ambala section of Northern Railway at about 160 km from Delhi, is one of the premier Institutes engaged in technical education and research. It is the first Engineering Institute in the state of Haryana.

Kurukshetra is a place of great religious significance too, where Lord Krishna is said to have delivered the divine message of Shrimad Bhagwad Gita.

### Fees & Deposits

The rates of fees payable by Ph.D. scholars are as under-

(a)	Full-time scholars	Rs. 6000/- per semester
(b)	Part-time scholars from outside NITK	
	(i) Teachers	Rs. 4000/- per semester
	(ii) Non-teachers	Rs. 5000/- per semester
(c)	Part-time scholars from NITK	
	(i) First Semester	Rs. 1000/-
	(ii) Subsequent Semesters	Rs. 100/- per semester
(d)	NRI/ Foreigner students	US \$ 2000/- per semester

### Hostel

For staying in the hostel (subject to availability of seats), the room rent, fees and deposits etc. shall be charged as per the hostel rules applicable from time to time.



### Specializations available for Ph.D. programmes

The specializations available in various departments are as under:

#### **1. CIVIL ENGINEERING**

Structural Engg	Fibre Reinforced Composites, FRP and their Applications, Structural Optimization, Earthquake Resistant Structures, High Performance Concrete, Analysis and Design of Laminated Composite Structures, Finite Element Analysis of Structures, ANN and Fuzzy Logic Applications in Structures.
Water Resources Engg.	Mathematical Modeling of River processes, Energy Dissipaters, Rational Design of Hydraulic Structures Stilling Basins, Flood Forecasting, GIS and Remote Sensing Applications, Ground Water, Hydrology and Recharge, Hydrologic Modeling, Scour around Bridge Piers.
Geotechnical Engg.	Stability of Underground Openings, Laterally Loaded Piles, Behavior of Jointed Rocks, Ground Improvement, Strength Characteristics of Closely Spaced Footings, Vibration Isolation for Machine Foundations, Liquefaction of Soils, Slope Stability using Biodegradable Reinforcements.
Transportation Engg.	Capacity Analysis of Road, Speed Flow Relationships & Traffic Performance Evaluation, Pavement Management Systems, Cement-Concrete-Flyash Pavement, Use of Geo-synthetics in Pavements, Evaluation of Properties of New Highway Materials, GIS based Evaluation Systems for Traffic and Roadways.
Geology	Pure and Applied Geology.
Environmental Engg.	Water Supply and Sewerage System: Design, Upgradation and Evaluation, Nutrient Requirement of high rate anaerobic treatment systems, Air and Noise pollution Monitoring and Modeling, Biosorption of Heavy Metals by Algal Species, Plunging Jet Aeration System - Design and Modeling, Bioremediation of Contaminants, Fate and transport of contaminants in Natural Systems, Solid Waste Management.
Advanced Surveying and Remote Sensing/Geology	Feature Selection/Extraction/Decomposition Approaches with Hyper Spectral Data, Land Cover Classification especially with Kernel based Approaches, Geographical Information System and its Utility in Natural Resource Management, Remote Sensing Techniques and Applications, Hydro-Geological and Geo-electrical Studies, Terrain Evolution.

#### **2. i) COMPUTER ENGINEERING ii) INFORMATION TECHNOLOGY**

Comp. Networks, Mobile Computing, Software Engg., Database Systems, Distributed Systems, "Fault-Tolerant Computing" Mobile Agent, Software Engg-Software Metrics, Object-Oriented, Software Engg. Aspect-Oriented, Web-based & Agent-Oriented, Software Engg., Software Design, Testing Maintenance.

#### **3. ELECTRICAL ENGINEERING**

Networks & systems, Systems Engg., Reliability Engg., Digital Signal processing, Control Systems- Theory and Applications, Electrical Machines, Wind Energy Conversion, Power

Systems Analysis, Power Systems Dynamics and Stability, FACTS, Power Electronics, Power Systems Restructuring, ANN and GA Applications, Optimization in Power Systems, Theory and Applications of Robust and Intelligent Control.

#### **4. ELECTRONICS AND COMMUNICATION ENGINEERING**

Signal Processing, RF & Microwave Engg, Digital Communication, Mobile Communication, Wireless Networks, Spread Spectrum Systems, Information Security, Semi-Conductor Devices, VLSI Technology, Mobile Computing, Low Power VLSI Design, Fault Tolerant Systems, Reconfigurable Hardware, Microprocessor Architectures.

#### **5. MECHANICAL ENGINEERING**

##### **ii) INDUSTRIAL ENGINEERING AND MANAGEMENT**

Industrial Engineering and Management, Refrigeration & Air-Conditioning, Tribology, Heat Transfer and CFD, Entrepreneurship, Business Management, Machine Vision, CAD/ CAM, IC Engines, Energy Conservation and Management, Ergonomics, JIT and Quality Systems, Total Quality Management, Conventional and Unconventional Machining.

#### **6. PHYSICS**

Nano/Micro Technology, Solid State Nuclear Track Detectors, Radon Mapping, Electrical properties of Polymers.

#### **7. CHEMISTRY**

Coordination Chemistry, Bio-inorganic Chemistry, Polymer Chemistry, Organo-metallic Chemistry.

#### **8. HUMANITIES AND SOCIAL SCIENCES**

Anglo Saxon and Medieval English (Pre- Chaucerian) Poetry, Applied Linguistics (English Language Teaching, Translation Studies), Agricultural Economics, Industrial Economics, Indian Economy, Human Resource Management and Industrial Relations, Financial Management, Marketing Management, Intellectual Property Rights.

#### **9. MATHEMATICS**

Fluid Mechanics, Elasticity, Operations research, Reliability, Queuing Theory, Optimization Techniques, Functional Analysis.

#### **10. School of VLSI Design and Embedded Systems**

Analog and Digital IC Design, Power analysis and low-power design, Analog and RF mixed signal design, DFT and Verification; CMOS sensors and MEMS; FPGA-based design; fault-tolerant systems, Reconfigurable Systems, Embedded System Design for Biomedical and Speech signal processing, Hardware/Software co-design and verification, VLSI applications in DSP.

#### **11. School of Renewable Energy and Efficiency**

Operation of Power System with renewable energy sources integration. Hybrid Energy sources integration and control aspects. Power quality issues with integration of renewable energy sources and storage systems. Hybrid systems and micro grids in distribution systems. Market issues and economics with hybrid sources. Grid connected wind energy conversion systems. Optimal design of hybrid sources in micro grids. Modeling and Control of Renewable Energy Systems. Solar Refrigeration. Solar Air Conditioning. Design and performance evaluation of solar collectors. Alternate fuels – for auto engines. Bio- fuels. Energy conservation.

**Contacts:**

The candidates can contact the Head of the concerned Department for availability of seats and any other queries. The contact numbers of the offices of Dean (Academics) and Heads of Departments are as listed below:

<b>Office of Dean (Academics)</b>			
<b>Telephone No.</b>			
(EPABX: 01744-233100, 233200)			
<b>FAX NO.: 01744-238050)</b>			
<b>Designation</b>	<b>Name</b>	<b>Office</b>	<b>Residence</b>
Dean (Academic)	Dr. A. K. Gupta	233223	01744233539
Prof. In charge Academic Affairs	Dr. L.M. Saini	233223	09416137773
D.R. (Academic)	-	233227	
Academic Section		233228 233229	
<b>Heads of Departments</b>			
<b>Department</b>	<b>Name</b>	<b>Office</b>	<b>Residence</b>
Civil Engg.	Dr. D.K. Soni	233334	233338
Computer Engg. Information Technology, MCA	Dr. J.K. Chhabra	233479	233482
Electrical Engg.	Dr. Lillie Dewan	233371	233379
Ec & Com. Engg.	Dr. O.P. Sahu	233414	233443
Mechanical Engg. Industrial Engg. & Management	Dr. Sudhir Kumar	233447	233453
Physics	Dr. J.K. Qumara	233494	233498
Chemistry	Dr. Minati Baral	233510	233544
Humanities & Social Sciences	Dr. Rajender Kumar	233516	233517
Mathematics	Dr. Pans Ram	233504	233509

**Submission of Application**

The applications for Ph.D, addressed to the Director NIT Kurukshetra, can be submitted from 1<sup>st</sup> May to 31<sup>st</sup> May, and from 1<sup>st</sup> November to 30<sup>th</sup> November in the prescribed application form (form P1, Annexure A).

**NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA**

**ORDINANCES & REGULATIONS**

for the

**DEGREE OF DOCTOR OF PHILOSOPHY**

**PREAMBLE**

The National Institute of Technology, Kurukshetra offers through its Departments, postgraduate programs leading to the award of the Doctorate (Ph.D.) degree. The award of the Doctorate degree is in recognition of high academic attainments, quality research, and application of knowledge to the solution of technical and scientific problems in Science, Technology, and Humanities & Social Sciences.

The Institute undertakes sponsored research and development projects from industry and other organizations in public and private sector. The Institute also provides opportunities for research in inter-disciplinary areas through a system of co-supervision.

The research work is required to be an original work characterized either by the discovery of facts, or by a fresh approach towards the interpretation and application of facts, or development of equipment, making a significant and distinct advance in technology. It shall evince the scholar's capacity for critical examination and sound judgment and shall represent original contribution to the existing knowledge.

**ORDINANCES**

**Note:** He' & His' imply 'he'/she' and 'his'/'her' respectively in the whole of this document.

**1. DEFINITIONS**

- (i) **"NITK"** shall mean the National Institute of Technology, Kurukshetra.
- (ii) **"Research Scholar"** shall mean a person who is registered for the Ph.D. program in a department of NITK.
- (iii) **"Part-time Research Scholar"** shall mean a research scholar who in addition to devoting his time towards discharging his employment responsibilities also devotes his time towards the pursuit of his Ph.D. research program.
- (iv) **"Full-time Research Scholar"** shall mean a research scholar devoting full time in a Department / Centre at NITK towards the pursuit of his Ph.D. research program.
- (v) **"Supervisor"** shall mean a member of the academic staff of the NITK, appointed by the concerned Department Research Committee (DRC) to guide/supervise the Ph.D. research/ academic work of the scholar.
- (vi) **"Co-Supervisor"** shall mean additional supervisor as appointed by the DRC. The Co-supervisor(s) may be from NITK itself, or from any other reputed government laboratory, government research Institute, reputed government Institutes like IITs,

NITs and reputed government Universities. A Co-supervisor must have the academic and research qualifications as prescribed for a supervisor.

- (vii) **"Caretaker Supervisor"** shall mean a supervisor appointed to look after the scholar's research interests in the absence of the regular supervisor when the synopsis of the thesis has been submitted. The caretaker supervisor also must have the academic and research qualifications as prescribed for a supervisor.
- (viii) **"Educational Institute"** shall mean those institutes/colleges which run full-time Bachelor's or higher degree programs.
- (ix) **"ORG"** shall mean a PSU / Government Department / R&D Unit.
- (x) **"Registration Period"** shall mean the length of the time span for which a person remains a research scholar.
- (xi) **"Minimum Registration Period"** shall mean the minimum period for which a scholar must remain registered to complete the requirements for the degree of Ph.D.
- (xii) **"Degree"** shall mean the Degree of Doctor of Philosophy (Ph.D.) of NITK.
- (xiii) **"Dean"** shall mean the Dean (Academics) of NITK.
- (xiv) **"COE"** shall mean the Controller of Examinations of NITK.
- (xv) **"HOD"** shall mean Head of Department in which Research Scholar is registered/proposes to register.
- (xvi) **"DRC"** shall mean the Department Research Committee of a Deptt. of NITK.
- (xvii) **"BOS"** shall mean the Board of Studies of a Department of NITK.
- (xviii) **"RAC"** shall mean Research Advisory Committee of the research scholar.

**NOTE:**

'He' & 'His' imply 'he/'she' and 'his/'her' respectively in the whole of this document.

**2. GENERAL**

1. This ordinance/ Ph. D. regulations shall be applicable to students taking admission in Ph. D. program at NITK from May 2013 onwards.
2. All eligibility criteria must be satisfied on the last date of receipt of application, failing which application will be rejected.
3. The qualifying degree as well as University of qualifying degree must be recognized by AICTE and/or UGC, as the case may be. This will be checked by the Academic Section of NITK and its decision in this regard will be final.
4. The applicant, if employed, must send his application through the competent authority/ proper channel.
5. The date of initial registration of a scholar shall normally be the date on which the scholar formally registers and deposits the fees for the first time for the Ph.D. program; which shall also be the date of joining the program for all intents and purposes.

6. In case of change of status from full-time to part-time, the time spent as a full-time scholar will be taken into account for the purpose of minimum registration period requirement. For change of status from full time to part time, the scholar must have completed a minimum of two years as full time scholar at the institute.
7. If a scholar withdraws from Ph.D. program or the registration is terminated due to any reason, the research scholar status ceases w.e.f. the date of such act.
8. Once de-registered from the PhD program, the scholar cannot apply again for registration before the lapse of one year from the date of de-registration.
9. At the close of every semester, a scholar is required to submit semester progress report by 30<sup>th</sup> June for even semester and 31<sup>st</sup> December for odd Semester to the Chairman of the DRC. Semester progress report is to be submitted through research supervisor(s) with remarks of all the supervisor(s) duly recorded as Satisfactory/Non-satisfactory by each supervisor. The progress shall be evaluated by the DRC and the result of evaluation recorded as satisfactory/unsatisfactory on the registration form of the scholar for the subsequent semester. The registration form shall be forwarded by the Chairman, DRC to the Dean(academics)
10. The scholar should be present in the Department when a DRC meeting is held for evaluating the comprehensive examination/presentation.
11. If due to compelling adverse circumstances (as considered so by the DRC), a scholar is not able to submit the progress report by the stipulated date, or the progress of a scholar is adjudged by the DRC as unsatisfactory, the Research Scholar on his request, can be allowed an additional chance for the same. He is expected to improve his work and submit the report again at the close of the following semester (after six months). During this semester, he can be registered provisionally only (the normal semester fees, however, will have to be paid), and the minimum registration period requirement will automatically get extended by six months. Further, if he receives scholarship, his scholarship for these six months will be stopped.
- If, even on having been granted extension, he does not submit the progress report within the stipulated time or on resubmission also, the progress is adjudged as unsatisfactory; his registration shall stand automatically cancelled. Only one such chance can be allowed to a scholar during his entire Ph.D. program.
12. A scholar must submit his research plan proposal and qualify the comprehensive examination within 8-12 months of the initial registration.
13. If due to compelling adverse circumstances (as considered so by the DRC), a scholar is not able to submit his research plan proposal and appear in the comprehensive examination as stipulated above, or he is not able to pass the comprehensive examination within 12 months period, he, on his request, can be granted an extension of six months. During this semester, he can be registered provisionally only (the normal semester fees, however, will have to be paid), and minimum registration period requirement will automatically get extended by six months. Further, if he receives scholarship, his scholarship for these six months will be stopped. Only one such chance can be allowed to a scholar. If the research scholar fails to qualify the comprehensive examination after getting extension of six months his registration will be cancelled

14. The scholar must inform the HOD well in time (at least fifteen days before the expiry of expected date), through his supervisor(s), about his plans to appear in the comprehensive examination, to deliver pre-synopsis seminar, and to submit the synopsis and the thesis - all as per regulations.
15. The scholar shall be allowed to deliver his pre-synopsis seminar only after completing the course requirements and after publishing/getting acceptance for at least two research papers out of his research work in non-paid SCI Journals or IEEE/IEE(now IET)/ ASCE/ ASME/ Springer/ Elsevier/ Taylor & Francis/ Wiley-Interscience Journals.
16. A research scholar is required to complete all the requirements for the award of the Ph. D. degree within the specified period as per the regulations failing which he will be de-registered.
17. Every research scholar is to abide by all the regulations and the amendments made in regulations from time to time.
18. It is the responsibility of the research scholar himself to be in the knowledge of the amendments (if any) in the ordinances and the regulations. No scholar will be informed individually. The related circulars/amendments would be available in the office of the HOD/ Dean. The amendments are incorporated in the prospectus and the amended version is put on the Institute web site also. He should maintain frequent contact with the supervisor for the purpose.
19. No TA/DA etc is admissible to any research scholar whenever he is to visit NITK, or any other place in connection with the Ph.D. research work.
20. In case of a change in the contact telephone number / the correspondence address/e-mail, the scholar must immediately inform his supervisor, the HOD and the Dean.

#### **REGULATIONS:**

The following regulations shall apply to all categories of candidates / research scholars pursuing courses of study and research leading to the degree of Ph.D.

#### **R-1:**

#### **CLASSIFICATIONS**

The scholars shall be classified in the following ways-

**(A) On the basis of the time devotion to the Ph.D. programme-**

i) **Full-time**

ii) **Part-time**

**(B) On the basis of the occupation-**

i) **Teacher**, a person on the faculty of a Department of a teaching institute.

ii) **Non-teacher**

iii) **Project staff**, A person working on a project undertaken by the Institute (NITK). The Ph.D. program of such a person should be related to his project work.

**(C) On the basis of the country he belongs to-**

**i) Indian**

**ii) Foreign** nationals admitted through the Embassy of the respective Governments, after getting approval from the Ministry of External Affairs and 'No Objection Certificate' from the Ministry of Human Resource Development, Department of Education and Govt. India or admitted under an MoU.

**(D) On the basis of the financial assistance-**

**i) Self-financed** A scholar who does not receive financial help like scholarship/ assistantship from NITK, or from any other source during his Ph.D. program.

**ii) Fellowship/Scholarship Awardees**

(a) A research scholar getting NITK fellowship/ scholarship.

(b) A research scholar receiving fellowship/ scholarship from outside organizations such as CSIR, UGC, QIP, DST, AICTE etc.

(c) A research scholar receiving fellowship/ scholarship from ICCR, Govt. of India. Such a person is sponsored by his parent Government and is admitted to the Ph.D. program through Indian Embassy in his country.

**R-2:**

**CONSTITUTION OF DEPARTMENT RESEARCH COMMITTEE:**

The DRC shall consist of the following, provided each member qualifies to be a Ph.D. supervisor-

- (i) HOD
- (ii) All Professors of the Department
- (iii) Three Associate Professors of the department by rotation. The term of an Associate Professor will be about 2 years, the changeover taking effect on July 1.  
Rotation Criteria: If a department has 4 Associate Professors (A,B,C,D). A,B,C are present members, next time it will be B,C,D; C,D,A; D,A,B...
- (iv) Supervisors of the scholars. They do not, however, constitute the regular members (unless covered under (i) or (ii) or (iii)). They participate in DRC meetings only when the cases of their respective scholars are taken up. Also, the proposed supervisor from outside NITK but from within the country (if any), is to be invited to participate in the DRC meeting when the case of his prospective candidate is taken up and he will be paid TA/DA by the Institute as per its rules.
- (v) If a Co-Supervisor of the scholar is from outside NITK but from within the country, he will be invited for the DRC meeting whenever his scholar's comprehensive, pre-synopsis seminar and final defence is taken up. In all such cases, he will be paid TA/DA by the Institute as per its rules.

The HOD shall be the Chairman of the DRC. If the HOD does not qualify to be a Ph. D. supervisor, the senior most qualifying faculty member of the Department will act as the Chairman of the DRC. Faculty members, qualified to be the supervisors, can only be members of DRC. If Chairman of the DRC is not able to attend a DRC meeting due to compelling reasons, senior most DRC member will work as Chairman, DRC. Minutes of all DRC meetings will be sent to Dean (Academics).



### **R-3:**

#### **ELIGIBILITY**

##### **R-3.1 Educational Qualifications:**

An applicant possessing the following qualification shall be eligible for admission to a Ph.D. Programme of the Institute.

##### **i) Engineering Stream-**

Master's degree (M.Tech/ M.E/ M.S.) or equivalent in relevant branch of Engg./Tech discipline with a minimum CGPA of 7.8 (on 10-point scale) or 70% marks in aggregate (of all the years/semesters of the course), preceded by a minimum CGPA of 6.75 or 60% marks in aggregate (of all the years/semesters of the course) in Bachelor's degree in relevant branch of Engg./Tech. discipline.

##### **OR**

Bachelor's degree in relevant branch of Engg. /Tech. discipline with a minimum of 70% marks in aggregate or equivalent CGPA and a minimum of 10 years of work experience in an academic or R & D organization with evidence of Master's level R & D work completed.

##### **ii) Sciences/Mathematics Stream-**

Master's degree or equivalent in the corresponding/relevant discipline with a minimum CGPA 7.2 or 65% marks in aggregate (of all the years/semesters of the course) preceded by a minimum CGPA of 7.2 or 65% marks in aggregate in Bachelor's degree in corresponding discipline.

##### **iii) Humanities & Social Sciences Stream-**

Master's degree in the corresponding/ relevant discipline, with a minimum CGPA or 7.2 or 65% marks in aggregate (of all the years/semesters of the course), preceded by a minimum CGPA of 7.2 or 65% marks in aggregate in Bachelor's degree in corresponding discipline.

##### **R-3.2 Additional Eligibility Conditions for Part-Time Ph.D. Admission**

a) The applicant should be a regular employee in the sponsoring institute and must have completed on the last day of receiving applications, a minimum of two years of regular service after obtaining Master's degree at the level of assistant professor or equivalent. The applicants, who are employed in an NIT on a contract for three years or more, are exempted from the above condition.

b) The candidate should satisfy the DRC that his official duties permit him to devote sufficient time to research and that the facilities for pursuing research in the chosen field of research are available at his place of work

c) He is required to visit NITK (on working days) to discuss the research work with his supervisor in the Deptt. He may visit any number of times; but, must visit at least twice in each semester at intervals of not less than a month. All such visits be reported to the Chairman of the DRC for record.

### **R-3.3 Eligibility for Institute Scholarship**

- a) Only full-time Ph.D. research scholars are eligible for the award of the Institute scholarship.
- b) A candidate/scholar is required to apply for scholarship through the supervisor and concerned Chairman, DRC. In a particular department, scholarships will be awarded only if these are available in that department.
- c) The eligibility for scholarship & its amount will be as per the guidelines issued from time to time by the Ministry of Human Resources Development, Govt. of India, and / or funding agency.
- d) Those who are awarded scholarship / fellowship or equivalent from any other source will not be eligible for the institute scholarship.
- e) In case the semester research progress is unsatisfactory, the scholarship shall be discontinued / stopped.
- f) Support for doctoral program by the MHRD would be termed as Research / Teaching Assistantship. Only GATE/NET qualified candidates are eligible. All scholars getting Research/ Teaching Assistantship would be required to put in at least eight hours of research or teaching in the institute.
- g) A Ph.D. research scholar receiving institute scholarship will receive it for a duration of two years, which may be extendable to 3<sup>rd</sup> year if the research scholar has published at least one research paper before the start of 3<sup>rd</sup> year and can be extended or resumed in 4<sup>th</sup> year if the research scholar has published at least two research papers before the start of 4<sup>th</sup> year. These research papers should be published from his research work in unpaid SCI Journals or IEEE/IEE (now IET)/ ASCE/ ASME/ Springer/ Elsevier/ Taylor & Francis/ Wiley Interscience Journals. Recommendation of extension / resumption of scholarship after second and third year will be done by DRC after considering the above criteria. Extension / resumption of scholarship is subject to its availability on the date of receiving recommendation from the DRC. No institute scholarship will be given after 4<sup>th</sup> year.

## **R-4**

### **RESERVATION/ RELAXATION**

#### **R-4.1**

Fifteen percent (15%) scholarship (of the total sanctioned Institutional scholarships) shall be reserved for Scheduled Caste applicants and 7.5% for Scheduled Tribe applicants. A total of 3% scholarships, over and above the sanctioned strength, will be reserved for physically handicapped (PH) applicants in all the Ph.D. programs of the Institute put together.

#### **R-4.2**

For the SC/ST/physically handicapped applicants, the eligibility requirement of marks be relaxed by 5%, or by an CGPA of 0.5

#### **R-5**

##### **SHORTLISTING and ADMISSION**

- (a) The DRC will check and certify the eligibility of the applicant as well as the supervisor(s).
- (b) The Chairman DRC will call the eligible candidates for interview by placing notification on institute web site and will also mention the reason for non-eligibility of rejected candidates.
- (c) The basic guidelines/ instructions for short listing will be framed and issued by the DRC with a copy of the same to the Dean (academics).
- (d) The short listing of applicants for the purpose of admission test/ interview will be done by the DRC.
- (e) The eligible applicants will be tested by the DRC through written test. Based on their performance in the written test, DRC can shortlist number of candidates for interview as per the no. of vacancies available in the department.
- (f) The DRC will recommend the selected candidates and their supervisors to the Dean(Academic) for registration. Dean (Academic) will approve the candidate for admission by considering candidate application, supervisor eligibility and recommendation of DRC
- (g) After getting the certificates checked by the Academic Section and the Dean's approval, the candidate may deposit the fees etc. The candidate must deposit his fees within 15 days of the Dean's approval or as notified by Dean, failing which the candidature shall stand cancelled.
- (h) All efforts should be made by the concerned Departments and the Academic Section that the registration process of PhD candidates is complete within one month of the start of the semester.

#### **R-6**

##### **REGISTRATION**

##### **R-6.1**

A candidate is deemed to have been registered on completion of admission process for the 1<sup>st</sup> semester of the program. Every scholar is required to deposit the fees and renew the registration every semester till the submission of the thesis. The renewal of registration every semester shall be subject to the satisfactory progress in the preceding semester in his research work as recommended by the DRC. If a scholar's progress is adjudged as unsatisfactory, the DRC may recommend notional registration; however such a chance can be allowed only once during the whole period. A scholar should deposit his semester registration fees only after having been notified by the Academic section that the concerned DRC has recommended his registration for that semester.

The course as well as University of qualifying degree must be recognized by AICTE & UGC and will be verified by Academic Section before registration.

#### **R-6.2 Time Period Requirement for Thesis Submission**

- a) The minimum period of registration for thesis submission shall be two years for a full-time scholar, and three years for a part-time scholar.
- b) The maximum time for the submission of the thesis for a full-time scholar is five years, and that for a part-time scholar is six years from the date of the initial registration for the Ph.D. Programme. However, candidate is eligible for extension beyond this period only if he has published/received acceptance of at least one research paper out of his research work in unpaid SCI journals or IEEE/IEE(now IET)/ ASCE/ ASME/ Springer/ Elsevier/ Taylor & Francis/ Wiley Interscience Journals. On the recommendation of the DRC and the Dean, this limit may be extended up to a maximum period of seven years on yearly basis for both the categories by the Director, beyond which the registration shall stand cancelled automatically.

### **R-7**

#### **THESIS SUPERVISOR(s)**

##### **R-7.1**

Every registered scholar shall be assigned a research supervisor as approved by the DRC.

##### **R-7.2**

A regular, full-time, faculty member of the concerned Department of the NITK holding a Doctorate degree and minimum two research papers published in unpaid SCI journals or IEEE/IEE(now IET)/ ASCE/ ASME/ Springer/ Elsevier/ Taylor & Francis/ Wiley Interscience journals can be appointed a supervisor.

##### **R-7.3**

Depending on the problem, a scholar may be assigned not more than three supervisors, designated as supervisor and co-supervisor(s). In no case, the number of co-supervisor shall be more than one from NITK.

##### **R-7.4 Appointment of alternative Supervisor**

A faculty member appointed as Ph.D. supervisor is normally expected to be available to the research scholar in the institute till the thesis is submitted. However, under unavoidable circumstances, such as long leave, resignation, retirement, or death; an alternative supervisor may have to be appointed. In such special cases, the appointment of the alternative supervisor will be regulated as under:

###### **R-7.4.1 A Supervisor proceeds on leave of six months or more**

- (i) If the synopsis of the thesis of the scholar has not yet been submitted,
  - a) and the supervisor proceeds on leave for one month or more but less than 18 months, then the supervisor should immediately inform the chairman DRC

whether he will continue to guide and supervise the research work of his scholar effectively during his leave period or not. In case he does not inform within five days of the commencement of his leave, or informs that he will not be able to guide effectively, then he ceases to be the supervisor of that scholar.

b) and if at any point of time, the total period of long ( a month, or greater) leaves of the supervisor of a scholar equals or exceeds 18 months, that supervisor automatically ceases to be his supervisor.

c) and if a supervisor proceeds on leave for 18 months or more, he ceases to be the supervisor (after the expiry of 18 months on leave).

d) and once a supervisor ceases to be the supervisor, he can not again become the supervisor of that scholar.

In above cases a), b), c) and d), when a supervisor ceases to be the supervisor, the other supervisor (of NITK) if there, shall act as the supervisor; and if there is no 'other' supervisor, the DRC shall immediately appoint alternative supervisor for the scholar.

(ii) If the thesis/ synopsis of the thesis has been submitted before the supervisor proceeds on leave,

and he consents to continue to be the supervisor, then he can continue to be so. If he declines, and there is no co-supervisor (of NITK), a caretaker supervisor will have to be appointed.

Further, if major revision becomes necessary, and the co-supervisor or the caretaker supervisor provides the required help in carrying out the major revision, he will automatically be treated as a supervisor of that candidate.

#### **R-7.4.2 A Supervisor retires**

A faculty member, who is due to retire within the next two years from the date the DRC meets to appoint a supervisor, can not be appointed a supervisor. If a faculty member on retirement informs that he shall continue effectively supervising the scholar(s) registered under him, can continue as a supervisor, if either reemployed, or appointed Emeritus Fellow, or the synopsis of the thesis has been submitted, or the Director is convinced of his availability/continued guidance to the scholar and permits him to continue. If necessary, alternative/ caretaker supervisor be appointed by the DRC.

#### **R-7.4.3 A Supervisor resigns**

If necessary, alternative/ caretaker supervisor shall be appointed by the DRC.

#### **R-7.4.4 A Supervisor expires**

Alternative / caretaker supervisor shall be appointed by the DRC.

### **R-7.5**

At no point of time there shall be more than eight research scholars including scholars outside NITK being supervised by any faculty member. This number excludes the Ph. D. scholars who have submitted the Ph. D. thesis. A scholar being guided jointly will be counted as ½, irrespective of number of co-supervisors.

## **R-8**

### **COURSES AND CREDITS**

A research scholar will be required to pass at least four PG courses (minimum 12 credits) with a minimum CGPA of 7.0 out of maximum 10.0. The scholar can register for these courses after the approval of the research supervisor(s) / RAC only.

DRC may appoint a three member RAC, under intimation to Dean (academics), for a research scholar and may delegate some or all of its functions to RAC. The members of RAC shall be (i) Supervisor (ii) A DRC member other than supervisors (iii) DRC member/Co-supervisor/Outside Expert.

The scholar shall register for 20 credits in each semester. The dissertation shall be evaluated as satisfactory / unsatisfactory. CGPA shall be computed on the basis of letter grades obtained in PG courses only.

The part time scholars shall have to complete the course work as full time resident scholar.

## **R-9**

### **EVALUATION OF COMPREHENSIVE EXAMINATION**

#### **R-9.1**

Every scholar is required to submit his research plan proposal. The research plan proposal should include a brief account of the related work already reported in the literature. In the plan the scholar should clearly spell out the investigation/work he intends to carry out and justify the need of the same. Subsequently, the research work should be carried out in accordance with the approved research plan. Any change in research plan can be indicated by research scholar in semester progress reports.

The following procedure is to be uniformly followed by all the Departments in conducting the comprehensive evaluation of the Ph.D. scholars.

- (a) The written examination should be conducted by the DRC.
- (b) The result of the written examination should be declared within two weeks as passed/ failed.

Every scholar is required to take comprehensive examination, which will test his comprehensiveness in his broad field of research, and his academic preparation and potential to carry out the research. The evaluation shall be a combination of written and oral examinations. The oral examination may be conducted along with the evaluation of research plan proposal, after the candidate has obtained at least 40% marks in written test. The written as well as the oral examination will be conducted by the DRC. Every scholar must pass the comprehensive examination within 8-12 months of his initial registration.

#### **R-9.2**

In case research plan is not approved by the DRC, the scholar will have to improve the research plan as per the suggestions of the DRC and get it re-evaluated.

### **R-9.3**

If due to compelling adverse circumstances (as considered so by the DRC), a scholar is not able to submit his research plan proposal and appear in the comprehensive examination as stipulated above, or he is not able to pass the comprehensive examination within 12 months period, he, on his request, can be granted an extension of six months. During this semester, he can be registered provisionally only (the normal semester fees, however, will have to be paid), and minimum registration period requirement will automatically get extended by six months. Further, if he receives scholarship, his scholarship for these six months will be stopped.

Only one such chance can be allowed to a scholar.

### **R-9.4**

A scholar will be allowed a maximum of two attempts to pass the comprehensive evaluation, failing which his registration will be cancelled.

## **R-10**

### **PERFORMANCE MONITORING**

#### **R-10.1**

The academic/research progress of each scholar will be monitored by the research supervisor. For this purpose, at the end of each semester, a scholar is required to submit the semester progress report to his supervisor. The progress report should cover (i) summary of the work done before the start of the semester under consideration ii) the goals set for this semester, iii) the methodology used in achieving the goals, and iv) the extent of the fulfillment of the goal. The supervisor shall record his comments and the result of his evaluation as satisfactory / unsatisfactory. After recording his evaluation result, the supervisor shall forward the progress report to Chairman, DRC who may discuss the same in DRC if considered necessary before forwarding it to Dean (academics).

A part time scholar must submit his progress report to his supervisor personally and make himself available for necessary discussions with the supervisor. The reports submitted on line shall be ignored.

The scholars must submit their semester progress reports latest by Jan. 1<sup>st</sup> and July 1<sup>st</sup> every year.

All the scholars are required to present at least three seminars in addition to pre-submission seminars before DRC.

#### **R-10.2**

The Chairman DRC in the Department will coordinate, every semester, the collection of progress reports written and signed by the scholars and forwarded by the allotted supervisor(s).

#### **R-10.3**

If due to compelling adverse circumstances (as considered so by the DRC), a scholar is not able to submit his progress report by the stipulated date, or the progress of a scholar is adjudged by the DRC as unsatisfactory, he, on his request, can be allowed an additional chance for the same. He will progress/improve his work and submit the report again at the close of the following semester (after six months). During this semester, he can be

registered provisionally only (the normal semester fees, however, will have to be paid), and the minimum registration period requirement will automatically get extended by six months. Further, if he receives scholarship, his scholarship for these six months will be stopped.

Only one such chance can be allowed to a scholar during his entire Ph. D program.

If, even on having been granted extension, he does not submit the progress report within the stipulated time or on resubmission also, the progress is adjudged as unsatisfactory by the research supervisor, his registration shall stand cancelled and he shall cease to be a research scholar of the Institute.

#### **R-10.4**

The cases where some punitive action is taken will be reported to the Director.

### **R-11**

#### **SEMINAR/ SYNOPSIS/ PANEL OF EXAMINERS**

##### **R-11.1**

##### **Pre-synopsis Seminar**

a) A research scholar will be allowed to deliver his pre-synopsis seminar only after getting at least a CGPA of  $\geq 10.0$  in PG courses and after publishing/getting acceptance of at least two research papers out of his research work in non-paid SCI journals or IEEE/IEE(now IET) ASCE/ ASME/ Springer/ Elsevier/ Taylor & Francis/ Wiley Interscience Journals. On research scholar's request for pre-synopsis seminar, DRC shall evaluate the journal publications of the scholar from his Ph.D work and consider his performance in PG courses. If found satisfactory, DRC shall assess the scholar's work through a pre-synopsis seminar. Pre-synopsis seminar shall be held not earlier than one year for full-time and 2 years for part-time scholars from the date of passing the comprehensive evaluation.

b) The schedule of the pre-synopsis seminar shall be notified well in advance (at least three days in advance) so as to enable the interested staff members and the students to attend it.

##### **R-11.2 Synopsis**

The scholar will submit the synopsis only on research supervisor and DRC's satisfaction on quality of the work. The synopsis should precisely reflect all aspects of the research work to be included in the thesis.

a. The scholars shall submit 9 copies of the synopsis in the same format as specified for the thesis to the Chairman, DRC. The DRC will examine the synopsis, and the Chairman DRC shall forward the synopsis with its recommendations to the Dean.

b. The synopsis should be submitted normally within 2 months after the presentation of pre-synopsis seminar. In case the synopsis is not submitted in the specified period, the scholar may be asked to present another pre-synopsis seminar.

c. The scholar can submit his thesis after a gap of at least one month after submission of the synopsis.



d. The scholar shall be required to submit fresh synopsis if he fails to submit his thesis within 3 months of the submission of the earlier synopsis. However, in case a scholar fails to submit his thesis within the stipulated time and has suitable justification for the same, the Director may on recommendations of the DRC and on individual merits of each case grant him/her extension in time of not more than two months, i.e., the scholar may be allowed to submit his thesis within a period not exceeding 10 months from the date of the submission of the synopsis. However, the thesis should be submitted within the prescribed time limit as per regulations.

#### **R-11.3**

##### **Panel of Examiners**

A panel of at least ten external experts, including foreign experts, and the authors of the recent papers in the references cited by the scholar in the area of his Ph.D. work would be suggested to the DRC by the Supervisor. The DRC will consider the suggested panel and will finally recommend to the Director (through Controller of Examinations), a panel of ten external examiners, which will include at least three examiners from outside India, from advanced/developed countries and the rest from India, preferably from the Institutes of repute. The DRC shall also recommend the internal examiner, who normally would be the scholar's supervisor. The recommended panel will be considered and approved/modified by the Director.

#### **R-12**

##### **BOARD OF EXAMINERS**

On receipt of the title and synopsis of the thesis, the Director will appoint a Board of Examiners for each candidate from the list approved by the DRC. The Board of examiners will consist of one internal examiner, and two external examiners, one out of which **would be from within India, and the other from abroad**. These external examiners shall be chosen normally from the panel of examiners recommended by the DRC as aforesaid. A person working in the same organization(s) / institute(s) where the research scholar is employed cannot, however, be appointed as External Examiner for that research scholar.

For evaluating the thesis, an honorarium at the rate of Rs 3000/- per thesis is payable to the Indian external examiner and at the rate of US \$ 250/- or equivalent is payable to the foreign external examiner. The viva-voce examination of the scholar will be conducted by the Indian external examiner, who will be paid an additional honorarium of Rs 2000/-.

An examiner will be reimbursed TA/DA as per the Institute (NITK) rules. He will also be reimbursed all associated correspondence expenses incurred by him for the purpose of examination.

#### **R-13**

##### **THESIS SUBMISSION**

##### **R-13.1**

The scholar will submit a soft copy of the thesis in PDF format on CD, and four unbound copies with soft covers, typed in English, one and a half spaced, printed in Times New Roman 12 pt. or Arial 11 pt. on both sides of A-4 size papers. The margins on right page

shall be 1.25"–left, 1"–right, 1"–top and 1"–bottom and the margins on left page shall be 1.25"–right, 1"–left, 1"–top and 1"–bottom. The thesis shall be submitted along with the examination form (Annexure –) and examination fee of Rs.5,000/-.

#### **R-13.2**

The thesis shall contain a critical account of the research carried out by the scholar. It should be characterized by discovery of facts or fresh approach towards interpretation of facts and theories or significant contribution to knowledge or development or a combination of these. It should bear evidence of the scholar's capacity for analysis and judgment as well as ability to carry out independent investigation, design or development.

No part of the thesis or supplementary published work should have been submitted for the award of any other degree or diploma.

A research scholar can submit his thesis only on having published / acceptance of at least two research papers out of his Ph.D. research work in any of the following journals:

- Non-paid SCI journals,
- IEEE/ IEE (now IET) /ASCE/ ASME/ Springer/ Elsevier/ Taylor & Francis/ Wiley Interscience Journals

#### **R-13.3**

A candidate can submit his thesis within the time period as stipulated in regulations provided that he has completed the minimum period of registration.

### **R-14**

#### **THESIS EVALUATION**

All correspondence/ notifications in regard to thesis evaluation and viva-voce examination of the scholar (except where stated otherwise) shall be done by the Controller of Examinations.

Except for the correspondence with the candidate or general circulars/ notifications, the correspondence shall be confidential.

#### **R-14.1**

Each examiner will be requested to submit a detailed assessment report and his recommendation within six weeks of the date of receiving the thesis.

i ) The examiners will examine the thesis individually with a view to judge whether the thesis is a piece of research work characterized by:

- a) The discovery of facts, or
- b) A fresh approach towards interpretation and application of facts or theories, or
- c) A distinct advancement in technology.

ii) Each examiner will give his opinion about candidate's capacity for critical examination and sound judgment. The examiner will submit the report to the Controller of Examinations on the prescribed form supplied by him clearly recommending that:

a) The thesis is accepted for the award of the Ph.D. degree subject to the candidate's giving satisfactory answer to the queries specifically mentioned in the report, at the time of Viva-Voce examination,

or

b) The candidate be asked to resubmit his thesis in the revised form,

or

c) The thesis be rejected.

#### **R-14.2**

In the event of the thesis report not being received from an examiner within a period of three months from the date of dispatch, the Director may approve alternate examiner in his place for evaluating the thesis from the approved list of examiners. Before corresponding with the alternate examiner, the original examiner must be informed by the COE of the cancellation of his appointment, stating the reason therein.

#### **R-14.3**

a) If all the three examiners give the same recommendation, i.e., acceptance, or revision, or rejection; that recommendation shall be accepted.

b) If any two of the three examiners recommend rejection, the thesis shall be rejected.

c) If one examiner recommends acceptance, and the other two recommend revision, the recommendation 'revision' is accepted.

d) If one examiner recommends rejection, then the comments and the recommendation made by the other two examiners be sent to that examiner and his revised clear verdict sought. That examiner may then recommend acceptance, or revision, or rejection.

(i) If the two examiners had recommended acceptance, and

(a) the revised verdict of the third is acceptance; the thesis is accepted,

(b) the revised verdict of the third is revision, or rejection; the fourth examiner will be appointed for evaluating the thesis.

(ii) If the two examiners had recommended revision, and

(a) the revised verdict of the third is revision, or acceptance; the recommendation 'revision' is accepted.

(b) the revised verdict of the third remains rejection; the fourth examiner will be appointed for evaluating the thesis.

(iii) If one of the two examiners had recommended acceptance, and the other, revision; and

(a) the revised verdict of the third is revision, or acceptance; the recommendation 'revision' is accepted.

(b) the revised verdict of the third remains rejection; the fourth examiner will be appointed for evaluating the thesis.

(e) If one examiner recommends revision, and the other two recommend acceptance, then the comments and the recommendation made by the other two examiners be sent to

that examiner and his revised clear verdict sought. That examiner may then recommend acceptance, or revision.

- (a) If the revised verdict of the third is acceptance; the thesis is accepted,
- (b) If the revised verdict of the third remains revision; the fourth examiner will be appointed for evaluating the thesis.

#### **R-14.4**

The fourth examiner, if required, would be appointed by the Director from the panel of the examiners already approved. The new (fourth) examiner shall be Indian or Foreigner depending on whether the thesis was recommended to be rejected/revision by an Indian or a foreign examiner in the first instance. The reports of all the examiners will be sent to him without revealing the identity of the examiners, along with the response of the candidate, if any, to these. The decision accept, revise, or reject will be taken as follows, keeping in view his recommendations.

For **R-14.3 d**) (i) (b) - the recommendation of the fourth examiner shall be accepted.

For **R-14.3 d**) (ii) (b) - if the recommendation of the fourth examiner is acceptance, or revision, the thesis is to be revised. If the recommendation is rejection, the thesis shall be rejected.

For **R-14.3 d**) (iii) (b), if the recommendation of the fourth examiner is acceptance, or revision, the thesis is to be revised. If the recommendation is rejection, the thesis shall be rejected.

For **R-14.3 e**) (b), if the recommendation of the fourth examiner is rejection, or revision, the thesis is to be revised. If the recommendation is accept, the thesis shall be accepted.

Any doubt arising out of the procedure laid down above shall be referred to the Director for a decision.

#### **R-15**

##### **RESUBMISSION**

When a thesis is to be revised and resubmitted, the scholar should be informed about the comments of the examiners. The revised thesis is to be submitted within one year, but not earlier than three months.

A fresh fee for the examination shall be paid by the scholar.

The revised version of the thesis will be sent to all the examiners for their fresh recommendations.

#### **R-16**

##### **VIVA-VOCE EXAMINATION**

On receipt of the thesis examination reports from the examiners, the COE shall send all such reports to the Director for further necessary action. The Director, on the basis of the reports will decide whether the candidate should be allowed to appear in the viva-voce examination or not. The Director will send back the reports, along with his decision to the COE for further action in the matter of examination. The Director's decision on the thesis reports shall be communicated by the COE to the scholar, and the Chairman of the concerned Dept DRC. The COE will intimate names and addresses of the external and internal examiners for the candidate, and the examiners' reports to the Chairman.

#### **R-16.1**

On having been allowed to appear in the Viva-voce examination, the scholar is to defend his work/thesis orally before a Committee of the examiners comprising one internal and one Indian external examiner. The DRC Chairman will coordinate with the external examiner, the internal examiner, and the scholar and will fix a date for holding the viva-voce examination and inform them accordingly. The questions/queries specified by the thesis examiners in their reports shall be intimated to the candidate through his supervisor at least one week before the date of conduct of the viva-voce examination. The schedule of the viva-voce examination shall be adequately notified so as to enable interested staff members and students to attend it.

#### **R-16.2**

(i) In case of non-availability of the Indian External Examiner for conducting the viva-voce examination, the Director may appoint alternate examiner to conduct the viva-voce examination from the existing panel.

If the need be, the DRC may suggest a fresh panel of examiners.

(ii) The viva-voce examiners shall be provided with the reports of the thesis examiner before the viva-voce examination.

(iii) The internal examiner shall assist the Chairman in arranging the viva-voce examination of the candidate as early as possible.

(iv) In case of the inability of the internal examiner to have the viva-voce examination conducted due to any reason whatsoever, the Director may appoint another internal examiner, to conduct the viva-voce examination, from amongst the faculty of the department concerned who belongs to the particular field in consultation with Chairman DRC. In such cases also, the Ph.D. work will be deemed to have been carried out under the guidance of the supervisor (s) only.

(v) After the viva-voce examination, both the examiners will prepare a detailed joint report giving one of the following three recommendations.

(a) recommended for the award of the degree

(b) the thesis be resubmitted after a minimum period of six months incorporating the suggestions of the examiners.

(c) not recommended for the award of the degree

The report shall be sent by the Chairman DRC in a confidential cover to the COE.

(vi) Any other matter not explicitly provided herein or of an exceptional nature, may be referred to the Director for his decision.

#### **R-17**

##### **AWARD OF THE Ph.D. DEGREE**

On the completion of all stages of the examination, a Committee consisting of the Director, the Dean Academic and the Chairman of the DRC concerned shall examine the reports of all the examiners (thesis and viva-voce) and decide as under: -

a) that the degree be awarded;

b) that the degree shall not be awarded.

i) The thesis is to be resubmitted.

ii) The thesis is rejected on the conclusion that the thesis is not genuinely the work of the candidate.

For (b) i) above, the Committee, if required, shall provide to the candidate a list of all corrections and modifications to be made in the thesis, including suggestions made by the examiners during the thesis evaluation, and the result of the candidate will be declared after the candidate submits two copies of the corrected thesis certified by the internal examiner that the necessary corrections and modifications have been made.

#### **R-18**

##### **INSTITUTE SCHOLARSHIP**

###### **R-18.1**

Those candidates who are admitted on full-time basis are considered on request, for the award of Institute scholarship of the amount as decided by the Board of Governors and directed by the Government of India from time to time. The scholar must submit a certificate to the effect that he is not in receipt of any financial aid from any other source for pursuing the PhD research work. The scholars getting Institute scholarships are required to provide 8 hrs of work per week as directed by the Head of the Deptt/ Director.

A scholar is liable to refund whole of the financial assistance/scholarship received if he has joined as full time research scholar and abandons and leaves his Ph.D. work without completing it.

###### **R-18.2**

In addition, the scholars will be provided contingency grant in accordance with the rules of the Institute.

It is to be noted that admission to the Programs and award of scholarship are not linked. Admission to a program does not guarantee the award of scholarship. Those who are not awarded scholarship can continue with the program as self-financed scholars. The Institute may provide fee waiver subject to the final approval of Director on the recommendation of DRC & the Dean (academics).

#### **R-19**

##### **LEAVE AND ATTENDANCE**

All full-time research scholars (with or without scholarship) are required to mark their daily attendance in the attendance register maintained by the Deptt. The Chairman DRC shall also maintain a proper leave account of each such scholar. The leave of a scholar should be recommended by his Supervisor and shall be sanctioned by the Chairman DRC.

A full-time research scholar is entitled to avail leave as per Leave and Attendance Rules formulated and amended from time to time by the Senate. Presently these are as under:

- A full-time Ph.D. scholar during his stay at the Institute will be entitled to leave of 30 days including leave on medical grounds, per academic year. He will not be entitled to mid-semester breaks/vacations, summer and winter vacation.

- Leave beyond 30 days in an academic year may be granted to a Research Scholar in exceptional cases, subject to the following conditions:
  - the leave beyond 30 days will be without scholarship and
  - such an extension of leave upto additional 30 days will be granted only once during the programme of the scholar.

The women research scholar will be eligible for Maternity Leave of one month once during the tenure of the award.

#### **R-20**

##### **CANCELLATION OF REGISTRATION**

Registration of a candidate can be cancelled in any one of the following eventualities, with due approval of the Director.

- (i) if he absents himself/ herself for a continuous period of four weeks without prior intimation/ sanction of leave.
- (ii) if he resigns from the Ph.D. Programme
- (iii) if he fails to renew his registration within 4 weeks of the start of the semester as per provision contained in these Ordinances & Regulations.
- (iv) if he does not submit his semester progress report by the stipulated date or his academic progress is found unsatisfactory.
- (v) If he does not clear the comprehensive evaluation as stipulated.
- (vi) if he is found involved in an act of misconduct and/ or indiscipline and a competent authority has recommended termination. For all purposes, the conduct/ discipline rules applicable to B Tech/ M Tech students of the Institute shall apply to PhD research scholars also.
- (vii) If at any stage, information furnished by the scholar in his application is found false or incorrect.

#### **R-21**

##### **GENERAL**

###### **R-21.1**

Notwithstanding anything contained in these Ordinances & Regulations, all categories shall be governed by the rules and procedures framed by the Senate, and in force from time to time.

###### **R-21.2**

Any doubt or dispute about the interpretation of these Ordinances and Regulations shall be referred to the Director whose decision shall be final.

###### **R-21.3**

Eligibility for admission to Ph.D. programs in different disciplines may, from time to time, be reviewed, approved by the Senate, and implemented.

**R-21.4**

All exceptions and issues not covered above may be decided by a committee consisting of the Director, the Dean (academics), the Head of the Department concerned and the Supervisor(s) of the candidate concerned.



**NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA**  
(Institution of National Importance)

Sr.No.....

**APPLICATION FOR ADMISSION TO**  
**THE DOCTORATE IN PHILOSOPHY (Ph.D.) PROGRAMME**

To  
The Director,  
National Institute of Technology,  
Kurukshetra.

Space for  
Photo

Sir /Madam,

I hereby apply for admission to the Ph.D. programme as a research scholar (full-time/part-time) in the Department of ....., National Institute of Technology, Kurukshetra; and submit the following particulars in support of my application. I have read the Ordinances & Regulations for this programme and undertake to abide by them, and also to abide by the amendments made from time to time. I am not pursuing any Degree/Diploma programme at any of the Institutes/ Universities, and also will not pursue such a programme during the period of my Ph. D programme at this Institute. I hereby declare that all the statements made in this application are true, complete and correct to the best of my knowledge and belief. If at any stage, any information furnished by me in this application is found false or incorrect, the Institute may take any action against me and I will not have any claim whatsoever.

Place \_\_\_\_\_

Yours faithfully

Signature

Dated \_\_\_\_\_

Name ( )

(Particulars to be filled in neatly by the Candidate)

1. Name (in block letters) Mr./ Ms .....  
(As given in qualifying examination certificate)

2. Father's Name .....

3. Mother's Name .....

4. Date of Birth (as given in Matriculation Certificate) .....

5. Registration No. (if already registered with this Institute) .....

6. Permanent Address .....

7. Address for correspondence .....

8. Contact Telephone/ Mobile No. ....

9. Category to which you belong (state one of these- General / SC / ST / PH) .....

10. Academic Qualifications-

Examination Passed	Discipline/ Specialization	Full- time/ Part- time	Name of the University/ Institute	Year	Max. Marks	Marks/ Grade Obtained	%age of Marks
Bachelor's Degree							
Master's Degree							
National Test/GATE/NET etc.							
Any other Exam							

11. Master's programme Dissertation/ Project Title .....

12. Have you ever been disqualified from appearing in examinations,  
or punished during your educational career?

(state Yes/No).....

If yes, Class/Examination..... Session/Year.....

Name of the University..... Punishment awarded.....

13. Did you apply earlier also for Ph.D. programme to this, or to any other Institute/ University? If yes, give  
full details.

14. Proposed area of research.....

15. To be registered as a Full-time, or a Part-time scholar? .....

If part-time; are adequate computing, laboratory, and library facilities in the proposed area of  
research available to you in your parent Institute/Org?

16. If full-time; source of scholarship/ financial support, if any .....

17. Proposed supervisor(s) & his affiliation

18. Details of previous research experience, if any

19. Details of publications, if any (attach copies)

20. If employed,

- (a) Regular/Temporary
- (b) Name of the employer
- (c) Nature of work (Teaching/other)
- (d) Total experience.....years.....months

21. Email address of Candidate

22. Fee receipt / DD No. and Date

22. Remarks, if any

Date:

Signature of the applicant

**Note:** The applicant is required to submit one attested photocopy of each of the following (as applicable) Certificates/ Degrees with the application form.

1. Matriculation Certificate.
2. Bachelor's Degree Certificate and Marks Sheet.
3. Master's Degree Certificate and Marks Sheet.
4. GATE/ NET Score Card.
5. Scheduled Caste/ Scheduled Tribe / Physically Handicapped Certificate.
6. Migration certificate (in the case of a student coming from other University/ Institute).
7. If employed, No-Objection-cum-Service Certificate from the employer.
8. Nature of employment, research experience, publications and other related details.
9. If seeking admission to Ph.D. programme on the basis of study leave, please show a proof at the time of interview that you will be granted study leave for a minimum period of 02 years.
10. The eligibility shall be determined on the basis of the documents received by the last day of receiving the applications.

**INCOMPLETE APPLICATION IS LIABLE TO BE REJECTED SUMMARILY.**

Note 1 - If applying on the form downloaded from the website, please attach a DD of Rs. 200/- in the name of the Director, NIT, Kurukshetra.

Note 2 - The applications for Ph.D. can be submitted from 1<sup>st</sup> May to 31<sup>st</sup> May, and from 1<sup>st</sup> November to 30<sup>th</sup> November all through.

**NO OBJECTION-CUM-SERVICE CERTIFICATE\***

**(CERTIFICATE TO BE SIGNED BY THE COMPETENT AUTHORITY/ HEAD OF THE INSTITUTE, IF COMPETENT)**

I hereby certify that the application of Mr./ Ms..... for admission to the Ph.D. programme as a full-time/ part-time scholar at the National Institute of Technology, Kurukshetra, is being made with my consent and permission. He/ She has been serving in this Institute/ Department as (designation) ..... since ..... on ..... basis. I also certify that the post on which he/she is working here is a **teaching/non-teaching post**.

Mr./ Ms..... shall be relieved for the period required to be spent at NIT Kurukshetra to complete his/ her Ph.D. requirements (including course work, if any).

Further certified that his/ her official duties permit him/ her to devote sufficient time for research; and that the facilities for pursuing research in his proposed field of research are available at this Institute/ organization.

\*For part-time applicants only

Place.....

**Signature of the competent authority/ Head of the Institute, if competent**

Dated.....

**Name .....**

**Seal**

**PROPOSED SUPERVISOR'S CONSENT**

I have read the Ph.D. Ordinances and Regulations of the Institute, and have examined this application. The applicant is eligible for Registration for Ph.D.

I hereby give my consent for supervising the Ph.D. work of the applicant

Mr./ Ms. \_\_\_\_\_  
in the proposed research area \_\_\_\_\_  
for which he/she is applying in the Deptt of \_\_\_\_\_  
at NIT, Kurukshetra.  
Signature \_\_\_\_\_  
Name \_\_\_\_\_ Designation \_\_\_\_\_  
Dept of \_\_\_\_\_

**FOR OFFICE USE**

**I. Certificates**

1. Whether Qualification / Migration/ Caste Certificate etc. checked (point out deficiency, if any)? \_\_\_\_\_
2. For employed applicants- whether no objection-cum-service/ study leave certificate attached? \_\_\_\_\_
3. Classification/ Category under which to be registered \_\_\_\_\_
4. Whether consent of Supervisor given? (Yes/ No) \_\_\_\_\_
5. Whether the present case is within the prescribed ceiling for the Supervisor (Yes/ No) \_\_\_\_\_
6. DRC approval? – Yes/ No; and the date of approval \_\_\_\_\_

**Initial of DA/Supdt.**

**II. Registration**

Category of scholar (for the purpose of fee payment) \_\_\_\_\_

Details of first fee paid (Rs.) \_\_\_\_\_ Allotted Regn No. \_\_\_\_\_

**III. Scholarship**      Eligible/ Ineligible      Scholarship amount per month- Rs.

Signature of DA/ Supdt.

43  
DR (Acad.)

Dean (Acad.)

Item 22.3: To consider grant of mercy chance to re-appear in the end semester examinations of B.Tech, M.Tech, MBA and MCA after the expiry of maximum duration of the course

The Academic Section has received some applications from B.Tech students who have completed 8 years in the program and still have some subjects in which they need to re-appear in the end semester examinations. As per the existing rules, their registration in the program is automatically terminated after the expiry of 8 years in the program. In this year of Golden Jubilee celebrations of the Institute, it is proposed that such B.Tech students may be allowed to appear in May/June, 2013 and November/December, 2013 end semester examinations strictly as one time measure.

Similarly, we also have some applications from M.Tech students who have completed 5 years in their respective program and have to re-appear in the end semester examinations of some subjects/have to submit their dissertations. It is proposed that in this year of Golden Jubilee celebrations, such students may be granted permission to appear in May/June, 2013 and November/December, 2013 end semester examinations and submit their dissertations latest by 31<sup>st</sup> December, 2013 strictly as one time measure.

The Senate may consider for approval.

May be allowed if necessary  
Through the HOD, Mechanical Engineering Department. 11/11/12

No. ME0/12/1086

To  
The Dean (Academic Affairs)  
NIT Kurukshetra

Subject: Request for mercy chance.

Respected sir

I beg to submit that I was the student of B.Tech. (Mechanical) of this institute, Roll No. 182/04, during the year 2004-08, which have completed, but due to my unfortunate circumstances I could not pass the same course during the stipulated period as two papers i.e. Strength of Material, MET-204 (4<sup>th</sup> Sem.) and Business Management, HUT-311 (6<sup>th</sup> Sem.) could not passed by me till now, so my career is in dark, therefore, it is humble request to you to kindly allow me a special chance to appear in the above said two number of papers so that I can complete my B.Tech. course. *only session*

Fee which will be applicable will be deposited by me. An attested photocopy of the result as issued by the Controller of Examination is enclosed herewith.

I shall be highly thankful to you for this act of kindness.

Thanking you

Yours faithfully

*Sudhir Rai*

Sudhir Rai  
Roll no. 182/04

Dated. 8.11.12

*28/10/12* *in comments*  
*Dr*  
The student has completed eight year in  
May/June 2012, so he is not eligible to get mercy  
chance after eight year as per UG rules. His  
request can not consider.  
Dean (Acad) *16-11-12*  
Student may be informed accordingly *16/11/12*

**NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA**

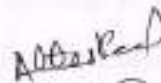
No. Exami./12/

Dated: 05.11.2012

**TO WHOM IT MAY CONCERN**

This is to certify that Sh. Sudhir Rai Roll No. 18204 has passed his B.Tech. 1<sup>st</sup> semester to 3<sup>rd</sup> semester (except B.Tech. 4<sup>th</sup> semester in paper code MET-204 and B.Tech. 6<sup>th</sup> semester in paper code HUT-311) in the discipline of Mechanical Engg. as per the record

  
05.11.2012  
Controller of Examinations



  
Deputy Registrar (Accounts)  
National Institute of Technology,  
KURUKSHETRA-136119.



NIT, KURUKSHETRA

Sl. No.	Reg. No.	Date	U	Q	11
1	1001	10/01/11	1001	1001	1001
2	1002	10/01/11	1002	1002	1002
3	1003	10/01/11	1003	1003	1003
4	1004	10/01/11	1004	1004	1004
5	1005	10/01/11	1005	1005	1005
6	1006	10/01/11	1006	1006	1006
7	1007	10/01/11	1007	1007	1007
8	1008	10/01/11	1008	1008	1008
9	1009	10/01/11	1009	1009	1009
10	1010	10/01/11	1010	1010	1010

Letter No.4 Dated 08-02-2013

To,  
The Director,  
National Institute of Technology,  
Kurukshetra

CoE / Dean (Acad)  
for comment pl.

Ref: Letter from Controller Examinations NITK dated 15.01.2013  
Letter no 2 to The Director NITK dated 05-01-2012.  
Letter to controller Exam Branch dated 11-06-2009.  
Application for duplicate DMC of 4<sup>th</sup> semester dated 29-08-2007.  
Cut-list for B-tech 4<sup>th</sup> semester Re-Appear exam held in may 2004.

14/2/13

Sub: Application for the approval to give exam of EE-206 B-tech 4<sup>th</sup> semester

Respected Sir,

I the X student of NIT Kurukshetra 2000 Batch Roll no 2K-228 had applied for Duplicate DMC of 4<sup>th</sup> Semester on 29-Aug-2007 and following up since then but not yet received, but on 17<sup>th</sup> Jan 2013 I received a letter through email from controller examination NITK as per letter from the controller examinations there is no record of one subject (EMI-1 code EE-206) and as per records I had not appeared in the exam held on 14.05.2004 and because of which my result stands re-appear. This was kept undisclosed since last six years when I was following up for duplicate DMC, where I could have appeared in the exam and got my degree long back.

I have discussed about with some of the my teachers of NITK they said that all the exams in B-Tech are to be cleared within 8 years of admission where I had lost that valuable time in following up for duplicate DMC. As per law with your prior permission I can get one mercy chance to appear in the exam. I expect that you will make a decision keeping in mind about the circumstances which forced me to this situation and I hope you will make the decision keeping in mind about my career. I want to do further studies but just because of this I am helpless to move ahead. Thanking you in advance.



With regards,  
Arun Kumar Gur  
Branch B-tech Electrical  
Roll No 2k228  
Mob: +91 9971666012  
Email: arunkgur@gmail.com

Sh. Divendra  
Pl. put up in file

NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA  
EXAMINATION CELL

No. NITK/Exams./2013/ 1953

18/01/2013  
Dated: 18/01/2013

Subject: Result of Mr. Arun Kumar Gur, Roll No. 2K228 for B.Tech 4<sup>th</sup> Semester  
Re-appear Exams.(Electrical Engg.) held in May-2004.

With reference to your application dated 20/12/2012, it is to inform that on going through the record, it has been found that Mr. Arun Kumar Gur, Roll No.2K228 had submitted his examination form for Re-appear examination of B.Tech 4<sup>th</sup> Semester (Electrical Engg.) during the examinations held in May/June 2004 as per cut-list for the subject(s) mentioned below:-

Sr.No.	Subject	Code No.
1	Electrical Measurements & Instruments-I	EE-206
2	Principles of Management	HUE-201

The examination of EMI (EE-206) was scheduled to be held on 14/5/2004 and you were not present in the examinations of EE-206 as per record of the Institute.

As per result notification of B.Tech 4th semester Re-appear (Electrical Engineering) Examinations May/June 2004, your result was shown Pass (HUE-201). Your 4th semester examination was not clear due to re-appear in EE-206. Therefore, you were not issued the DMC of 4<sup>th</sup> Semester in May 2004. Hence, the question of duplicate DMC of B.Tech 4<sup>th</sup> semester (Electrical Engg.) does not arise.

*[Signature]*  
18-01-2013  
Controller of Examinations

Arun Kumar Gur  
A52 D-Block,  
Ranjeet Vihar Nilothi Extension,  
New Delhi-110041  
Email: [arunkgur@gmail.com](mailto:arunkgur@gmail.com)

*[Signature]* *[Signature]*  
✓ Copy to Deans(Academic) for information.