

सीनेट की चौहत्तरवीं बैठक का कार्यवृत्त
MINUTES OF THE 74th MEETING OF THE SENATE

14 अगस्त 2018
14th AUGUST 2018



भारतीय प्रौद्योगिकी संस्थान रुड़की
रुड़की – 247 667 (भारत)
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
ROORKEE – 247 667 (INDIA)

भारतीय प्रौद्योगिकी संस्थान रुड़की
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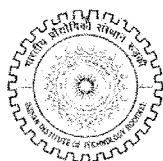
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INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
MEETING SECTION



**Minutes of the 74th Meeting of the Senate held on 14.08.2018 at 4.00 P.M.
in the Senate Hall of the Institute.**

Following were present:

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|-----|--------------------------|---------------------------------|
| 1. | Prof. Ajit K. Chaturvedi | Director & Chairman |
| 2. | Prof. R.P. Saini | (Alternate Hydro Energy Centre) |
| 3. | Prof. M.P. Sharma | (Alternate Hydro Energy Centre) |
| 4. | Prof. Arun Kumar | (Alternate Hydro Energy Centre) |
| 5. | Prof. V. Devdas | (Architecture & Planning) |
| 6. | Prof. Ila Gupta | (Architecture & Planning) |
| 7. | Prof. R.P. Singh | (Biotechnology) |
| 8. | Prof. Vikas Pruthi | (Biotechnology) |
| 9. | Prof. Partha Roy | (Biotechnology) |
| 10. | Prof. Shishir Sinha | (Chemical Engineering) |
| 11. | Prof. C.B. Majumdar | (Chemical Engineering) |
| 12. | Prof. P.P. Kundu | (Chemical Engineering) |
| 13. | Prof. Anil Kumar | (Chemistry) |
| 14. | Prof. Mala Nath | (Chemistry) |
| 15. | Prof. U.P. Singh | (Chemistry) |
| 16. | Prof. M.R. Maurya | (Chemistry) |
| 17. | Prof. Bina Gupta | (Chemistry) |
| 18. | Prof. S.S. Jain | (Civil Engineering) |
| 19. | Prof. C.S.P. Ojha | (Civil Engineering) |
| 20. | Prof. S.K. Ghosh | (Civil Engineering) |
| 21. | Prof. Mahendra Singh | (Civil Engineering) |
| 22. | Prof. M. Parida | (Civil Engineering) |
| 23. | Prof. Praveen Kumar | (Civil Engineering) |
| 24. | Prof. N.K. Samadhiya | (Civil Engineering) |
| 25. | Prof. Kamal Jain | (Civil Engineering) |
| 26. | Prof. B.R. Gurjar | (Civil Engineering) |
| 27. | Prof. M.L. Sharma | (Earthquake Engineering) |
| 28. | Prof. Yogendra Singh | (Earthquake Engineering) |
| 29. | Prof. B.K. Maheshwari | (Earthquake Engineering) |
| 30. | Prof. Manish Shrikhande | (Earthquake Engineering) |
| 31. | Prof. G.J. Chakrapani | (Earth Sciences) |
| 32. | Prof. A.K. Sen | (Earth Sciences) |

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| 33. | Prof. Anand Joshi | (Earth Sciences) |
| 34. | Prof. R. Krishnamurthi | (Earth Sciences) |
| 35. | Prof. Rajendra Prasad | (Electrical Engineering) |
| 36. | Prof. N.P. Padhy | (Electrical Engineering) |
| 37. | Prof. Biswarup Das | (Electrical Engineering) |
| 38. | Prof. Dharmendra Singh | (Electronics & Communication Engg.) |
| 39. | Prof. Debashish Ghosh | (Electronics & Communication Engg.) |
| 40. | Prof. Nagendra Kumar | (Humanities & Social Sciences) |
| 41. | Prof. N.K. Goel | (Hydrology) |
| 42. | Prof. Himanshu Joshi | (Hydrology) |
| 43. | Prof. D.S. Arya | (Hydrology) |
| 44. | Prof. Ramesh Chandra | (Institute Instrumentation Centre) |
| 45. | Prof. S. Rangnekar | (Management Studies) |
| 46. | Prof. P.N. Agarwal | (Mathematics) |
| 47. | Prof. V.K. Katiyar | (Mathematics) |
| 48. | Prof. Sunita Gakkhar | (Mathematics) |
| 49. | Prof. Kusum Deep | (Mathematics) |
| 50. | Prof. Tanuja Srivastava | (Mathematics) |
| 51. | Prof. N. Sukavanam | (Mathematics) |
| 52. | Prof. Dinesh Kumar | (Mechanical & Industrial Engg.) |
| 53. | Prof. B.K. Gandhi | (Mechanical & Industrial Engg.) |
| 54. | Prof. B.K. Mishra | (Mechanical & Industrial Engg.) |
| 55. | Prof. Ravi Kumar | (Mechanical & Industrial Engg.) |
| 56. | Prof. D.K. Dwivedi | (Mechanical & Industrial Engg.) |
| 57. | Prof. Navneet Arora | (Mechanical & Industrial Engg.) |
| 58. | Prof. S.K. Nath | (Metallurgical & Materials Engg.) |
| 59. | Prof. B.S.S. Daniel | (Metallurgical & Materials Engg.) |
| 60. | Prof. Ujjwal Prakash | (Metallurgical & Materials Engg.) |
| 61. | Prof. Y.S. Negi | (Paper Technology) |
| 62. | Prof. Rajesh Srivastava | (Physics) |
| 63. | Prof. Tashi Nautiyal | (Physics) |
| 64. | Prof. K.L. Yadav | (Physics) |
| 65. | Prof. Davinder Kaur Walia | (Physics) |
| 66. | Prof. G.D. Varma | (Physics) |
| 67. | Prof. M.L. Kansal | (WRD&M) |
| 68. | Prof. Deepak Khare | (WRD&M) |
| 69. | Prof. S.K. Mishra | (WRD&M) |
| 70. | Prof. S.K. Singhal, Head, Alternate Hydro Energy Centre | |
| 71. | Prof. A.K. Sharma, Head, Department of Biotechnology | |
| 72. | Prof. M.K. Jain, Head, Department of Hydrology | |
| 73. | Prof. R. Balasubramanian, Head, Institute Computer Centre | |
| 74. | Prof. R.K. Dutta, Head, Centre of Nanotechnology | |
| 75. | Prof. P. Gopinath, ADOAA (Admission) | |
| 76. | Prof. Vipul Rastogi, ADOAA (Curriculum) | |
| 77. | Prof. Rajat Rastogi, ADOAA (Evaluation) | |
| 78. | Prof. Aalok Mishra, Associate Dean, Students' Welfare (Students' Wellness) | |



79. Prof. Pravindra Kumar, Associate Dean, Corporate Interaction (ADCI)
80. Prof. M.K. Barua, Associate Dean of Students' Welfare (Students Activities)
81. Prof. P. Arumugam, Associate Dean (International Relations)
82. Prof. P. Jeevandam, Associate Dean, Innovation and Incubation (ADII)
83. Dr. C. Jayakumar, Librarian

Students' representatives:

84. Mr. Sarim Khan, General Secretary, Academic Affairs (UG)
85. Mr. Satish Jaiswal, General Secretary, Academic Affairs (PG)
86. Mr. Prashant Garg, Registrar & Secretary, Senate

Prof. Rajat Agarwal, Chairman, SCSP attended the meeting on invitation as Special Invitee.

At the outset, the Chairman welcomed the members to the 74th meeting of the Senate.

The Chairman thanked and placed on record the valuable contributions of the following outgoing Senate members in the meetings of the Senate:

1. Prof. M.J. Nigam, Department of Electronics & Communication Engineering
2. Prof. Renu Rastogi, Department of Humanities & Social Sciences
3. Prof. S.P. Singh, Department of Paper Technology

The Senate noted the communications received from the following members for their inability to attend the current meeting:

1. Dr. Sharad K. Jain, Director, NIH, Roorkee
2. Prof. P.K. Garg, Department of Civil Engineering
3. Prof. Z. Ahmad, Department of Civil Engineering
4. Prof. S.C. Sharma, Saharanpur Campus
5. Prof. Anjan Sil, Department of Met. & Materials Engineering
6. Prof. Pushplata, Department of Architecture & Planning
7. Prof. Rama Bhargava, Department of Mathematics
8. Prof. P.S. Chani, Department of Architecture & Planning
9. Prof. B. Mohanty, Department of Chemical Engineering



The Agenda was then taken up:

Item No. 74.1: To confirm the minutes of the 73rd meeting of the Senate held on 10.05.2018.

The minutes of the 73rd meeting of the Senate held on 10.05.2018 were circulated vide e-mail dated 23.05.2018. No comments were received. The Senate confirmed the minutes.

Item No. 74.2: To report the actions taken to implement the decisions of the Senate taken in its 73rd meeting held on 10.05.2018.

The Senate noted the actions taken on the said minutes.

Item No.74.03: To consider amendment in the constitution of the Institute Academic Program Committee (IAPC)

The Senate approved the amendment in the constitution of the IAPC as follows:

- (a) Dean, Academic Affairs - Chairperson
- (b) All Associate Deans, Academic Affairs
- (c) The immediate past Dean, Academic Affairs
- (d) Two Senate Nominees
- (e) Chairs of all DAPCs and CAPCs
- (f) Four students' representatives nominated by the Dean of Students' Welfare, out of which at least one be a girl student
- (g) Two officers from the Academic Office, one of whom will be the Secretary

Item No.74.04: To consider amendment in the constitution of the Institute Research Committee (IRC)

The Senate approved the amendment in the constitution of the IRC as follows:

- (a) Dean, Academic Affairs - Chairperson
- (b) All Associate Deans, Academic Affairs
- (c) The immediate past Dean, Academic Affairs
- (d) Two Senate Nominees
- (e) Chairs of all DRCs and CRCs



- (f) One research scholar each from Sciences, Engineering and Management/HSS Department, out of which at least one be a girl student, to be nominated by DOSW.
- (g) Two officers from Academic Office, one of whom will be the Secretary

Item No. 74.05: To consider the proposal that Industrial/Educational tour in UG Curriculum be made optional.

The Senate approved the proposal.

Item No. 74.06: To consider the proposal of allowing program elective courses across specializations.

The Senate approved the proposal.

Item No. 74.07: To consider the proposal to provide flexibility in choosing the number of Program Elective Course(s) in a semester from 3rd year onwards.

The Senate approved the proposal as given at Appendix 'A'.

Item No. 74.08: To consider the proposal to amend the eligibility criteria to switch over to the IDD program after completion of B. Tech. 3rd year if CGPA \geq 7.50.

The Senate allowed the switch over from B.Tech. to IDD program with CGPA 7.50. Further, eligibility criteria for switch over was amended as CGPA \geq 7.50.

Item No. 74.09: To consider the letter from The Institute of Chartered Accountants of India to recognize Chartered Accountancy Course with graduation degree as a PG degree in Commerce and to consider it as eligibility criteria for the Ph.D. program.

The Senate approved the proposal with the following eligibility criteria:

- (a) CA with a graduate degree be considered as only graduate degree for admission to the Ph.D. program in Department of Management Studies.



- (b) The screening criteria shall be minimum 60% marks / 6.0 CPI in the graduate degree. This may be relaxed to 55% marks / 5.5 CPI for SC/ST and PD candidates.

Item No. 74.10: To consider the modified program structure and syllabi of the courses of M. Tech. (Communication Systems) of the Department of Electronics and Communication Engineering.

The proposal may be revised as per the approved structure of the M.Tech. program.

Item No. 74.11: To consider the process of admission in Ph.D. for senior professionals

The Senate approved the proposal alongwith guidelines as given at **Appendix 'B'**.

Further decided that the candidates selected under this program during the first one year be reported to the Senate.

Item No. 74.12: To consider the report of Prof. Manish Shrikhande Committee on Ph.D. Regulations.

The item was postponed for detailed deliberations in the next Senate meeting.

Item No. 74.13: To consider the following requests/appeals from students:

- (i) **Extension in time limit of students who have already availed one year extension beyond permissible limit.**
- (ii) **Continuation of program in spite of not fulfilling the minimum earned credit requirement.**

After detailed deliberations, the Senate did not accept the requests/appeals.



Item No. 74.14: To consider requests of two faculty members for allowing joint supervision of Ph.D. candidates enrolled in AIIMS, Rishikesh and Lulea Technical University, Sweden.

The Senate approved the proposal. It was also decided that a committee be formed to review the existing criteria.

Item No. 74.15: To consider the request of Mr. Manohare Manish Purushottam, 17511008, MURP who has switched over to Ph.D. program and has also got a PMRF Seat at IIT Roorkee.

The Senate approved the proposal.

Item No.74.16: To ratify the admission of Mr. Surya Kumar Singh under Part-Time Sponsored Category in Autumn 2018.

The Senate ratified the item.

Item No. 74.17: To consider the following appeals of students:

- (a) Three students, who are faculty at NIT Uttarakhand and have completed M.Tech. from IIT Roorkee, have requested to admit them in the Ph.D. program and to give them waiver in course work.
- (b) Mr. Sompal Singh, En. No. 17919011, research scholar in the Department of Mathematics, has made an appeal to allow him to repeat the year to improve CGPA of course work in Ph.D. program.
- (c) Mr. Sarvesh Kumar (En. No. 17919010), Research Scholar, Deptt of Mathematics has requested to give him a chance to improve the grades of a course on Finite Element Method to improve CGPA in course work in PhD program.
- (d) Mr. Raj Kumar Mishra, JRF, MIED requested that he may be allowed admission to the Ph.D. program for Autumn semester 2018-2019 under Project Category.
- (e) Two research students who could not either meet or are not likely to meet the requirement of 7.000 CGPA in pre Ph.D. courses have appealed for continuation of their Ph.D. program.



The Senate first considered the recommendation of Prof. Manish Shrikhande Committee as given at Clause R.4.1 Minimum CGPA and Probation, being modified by 22nd IRC in its meeting on 25.07.2018. The Senate approved the clause with a note that the additional courses taken will be new courses. The Senate also recorded that candidacy requirement for such candidates will be discussed when the Prof. Manish Shrikhande report comes up for discussion. Based on the above, the Senate allowed the 'Appeals' as listed at 'b' to 'e'. As course registrations are over for Autumn semester 2018-2019, this semester will be counted as on-leave semester for these students.

The Senate approved the request made by faculty working at NIT Uttarakhand seeking admission and course waiver in the Ph.D. program under MoU with IIT Roorkee.

Item No. 74.18: To consider the panel of Senate Nominees for the Selection Committee for the Group 'A' positions of Library (Librarian, Dy. Librarian, Assistant Librarian), Scientific and Computer Staff in IIC & ICC.

The Senate approved the Panel of Senate Nominees as given at **Appendices 'C', 'D' & 'E'**.

Item No. 74.19: To consider the proposal to admit Sponsored candidates in PG Diploma and M.Tech. Programs as part time students with residency requirement only for the duration of their course work.

The Senate approved that sponsored candidate(s) be admitted if granted leave from their organizations for the duration of the course work, and be allowed to convert into a part-time program after the completion of their course work. The rules of the part-time program will be applicable after the conversion.

Item No.74.20: To consider the seat matrix for Ph.D. admissions with Institute Assistantship for the Spring semester (2018-2019).

The Senate approved the proposal as given at **Appendix 'F'**.



Item No.74.21: To consider the report of the Senate Committee on Scholarships and Prizes for Convocation - 2018.

The Senate approved the report as given at **Appendix 'G'**.

Item No.74.22: To consider the admission of a Project Fellow working in a consultancy project having R&D component, as a Ph.D. research student.

The Senate referred the issue to Dean SRIC to examine whether consultancy projects with a research component can be registered as sponsored projects. In that case, admission of a Project Fellow as a Ph.D. student will be possible as per the norms for sponsored projects.

Item No.74.23: To consider the proposal for constituting a Senate Honorary Degree Committee (SHDC) for recommending names for Honoris Causa.

The Senate approved the proposal.

Item No.74.24: To consider a model of the Annual Convocation which does not require the presence of the Chief Guest for more than two hours.

The Senate accepted the proposals as under, in addition to the model followed in 2017:

1. Convocation function be divided into two parts.
2. First part will be of maximum of two hours duration and will have the Chief Guest.
3. Second part will have two sessions (one for UG and another for PG) for distribution of the degrees to the recipients by the Director, in the presence of the students' parents.

Item No.74.25: To ratify the award of provisional Ph.D. Degree certificates to the students who have completed the requirements for the award of Ph.D. Degree in various disciplines w.e.f. 10th May 2018 to date.

The Senate ratified the item as given at **Appendix 'H'**.

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



Appendix 'A'
Item No. Senate/74.07

Allowed Range of PEC Courses/Credits for Various Programs

Program	Semester	Allowed PEC courses/credits (Existing)	Allowed PEC courses/credits (Recommended)
B.Tech.	5	1 / 4	(0-2) / (0-8)
	6	1 / 4	(0-2) / (0-8)
	7	2 / 8	(0-3) / (0-12)
	8	2 / 8	(0-3) / (0-12)
B.Arch.	5	1 / 3	(0-2) / (0-8)
	6	1 / 3	(0-2) / (0-8)
	7	1 / 3	(0-2) / (0-8)
	9	1 / 3	(0-2) / (0-8)
IMT	6	2 / 8	(0-3) / (0-12)
	7	2 / 8	(0-3) / (0-12)
	8	2 / 8	(0-3) / (0-12)
	9	2 / 8	(0-3) / (0-12)
IMS(AM)	5	1 / 4	(0-2) / (0-8)
	6	1 / 4	(0-2) / (0-8)
	7	1 / 4	(0-2) / (0-8)
	8	1 / 4	(0-2) / (0-8)
	9	2 / 8	(0-3) / (0-12)
	10	1 / 4	(0-2) / (0-8)
IMS(C)	5	1 / 4	(0-2) / (0-8)
	6	1 / 4	(0-2) / (0-8)
	7	1 / 4	(0-2) / (0-8)
	8	2 / 8	(0-3) / (0-12)
	9	2 / 8	(0-3) / (0-12)
IMS (P)	9	4/16	(2-4)/(6-16)
	10	2/8	(2-4)/(6-16)
M.Sc. (Through JAM)	Wherever possible		

The number of credits in a semester should, however, not breach the maximum allowed limit.



Report of the Committee for recommending guidelines for admission of candidates with professional experience to Ph.D. degree

It has been observed that candidates having extensive professional experience, sometimes senior professionals in government laboratories / PSUs and renowned private companies apply for admission to the Ph.D. programme at IIT Roorkee as Part-Time/Sponsored/Self-sponsored candidates. Such candidates already have a record of research / professional activities through publications/patents. These candidates, due to having high positions in their organizations and job responsibilities, find it difficult to stay in the campus and do regular course work. These candidates, however, through their vast professional experience, may have the capability of doing research. To facilitate the induction of such candidates in the Ph.D. Programme, the following guidelines are proposed.

1. Candidates working only in government organizations/laboratories, PSUs, and reputed companies should be considered.

2. Eligibility criteria should be as follows:

Candidates having M.Tech./M.Arch./MURP/MBA degree with at least 12 years of professional experience.

OR

Candidates having B.Tech./M.Sc. degree with at least 14 years of professional experience.

3. Candidates should have demonstrated research potential through research papers in reputed journals / patents / technology transfer.
4. The Pre Ph.D. course credit requirement would be as per the current practice for Part-Time candidates.
5. The credit requirement as recommended by the SRC, can be completed in the form of project/dissertation/seminar, NPTEL online courses.
6. There would be no residency requirements for such candidates.
7. Applications in this category can be made throughout the year to the office of Head of the concerned Department. The application should clearly mention the preferred area of work and choice of supervisor (if



any). The candidate would be asked to give a presentation of his professional credentials in the concerned Department. The Head of the Department will seek inputs on the application from the faculty members working in the concerned area. The name of the proposed supervisor along with the recommendations of an extended DRC (with faculty members of the same specialization as special invitees) should be sent to the office of DAA.

The selection would be recommended on the basis of an interaction by the following 3-member committee:

- | | | |
|-------------------------------------|---|----------|
| 1. Dean Academic Affairs | - | Chairman |
| 2. Dean SRIC | - | Member |
| 3. Head of the concerned Department | - | Member |

The final approval on the recommendations will be accorded by the Chairman, Senate.



Appendix 'C'
Item No. Senate/74.18

PANEL FOR SENATE NOMINEES ON THE SELECTION COMMITTEES
FOR THE POST OF LIBRARIAN, DEPUTY LIBRARIAN & ASSISTANT LIBRARIAN

SI. NO.	NAME & DESTINATION AND ADDRESS	PAY SCALE AND PERIOD OF EXPERIENCE	CONTACT NO.
1.	Prof. Uma Kanjilal Prof. & Head Faculty of Library and Information Science, IGNOU OFFICE ADD: Room No. 114, Block-F School of Social Sciences, Academic Block, IGNOU Campus, Malda Garhi New Delhi-110068 RESIDENCE ADD: 1 Parijat (Director's Residence), Inter University Accelerator Centre (IUAC), Aruna Asaf Ali Marg, New Delhi-110067	PB-4, AGP-10,000/- Prof. Library and Information Science, IGNOU Since November 2003	Tel : 011-29572714 Mob: 09810488895 E-mail : ukanilal@ignou.ac.in
2.	Shri. PVL. Reddy Chief Scientist & Head, Knowledge Resource Centre OFFICE ADD : Head, Knowledge Resource Centre CSIR-Central Electronics Engineering Research Institute, Pilani-333031, Rajasthan RESIDENCE ADD : D-30, CSIR-CEERI Colony, Pilani-333031, Rajasthan	PB-4, AGP-10,000/- Chief Scientist & Head, KRC Since February 2015	Tel : 01596-252241 (Office) Tel : 01596-243670 (Resi) Fax : 01596-242294 Mob : 09413111265 E-mail: pvlrceeri@gmail.com pvlr@ceeri.ernet.in
3.	Dr. Jagdish Arora Director, INFLIBNET Centre OFFICE ADD : Information & Library Network (INFLIBNET) Centre Infocity, Gandhinagar-382007, Gujarat RESIDENCE ADD : Director's Pent House INFLIBNET Campus Infocity, Gandhinagar-382007, Gujarat	Rs. 75,000/- (Fixed)+ Rs. 5,000/- Special Pay Director INFLIBNET Centre Since August 2007	Tel : 079-23268200 (Direct) 079-23268201 (PS) Mob : 09725051200 Email : director@inflibnet.ac.in Jarora42@gmail.com
4.	Prof. Ashu Shokeen Professor, Dept. of Library and Information Science OFFICE ADD : Dept. of Library and Information Science Kurukshetra University Kurukshetra, Haryana RESIDENCE ADD : F-6, Kurukshetra University Campus Kurukshetra, Haryana	PB-4, AGP-10,000/- Prof. in LIS Since October 2003	Tel : (O) 01662-238278 Tel : Resi. 01662-238939 Mob: 09416448939 E-mail: shokeen_ashu@rediffmail.com shokken_ashu@gmail.com

Ph.

Appendix 'D'
Item No. Senate/74.18

NAME OF THE DEPARTMENT: INSTITUTE INSTRUMENTATION CENTRE

List of Senate's Nominees Proposed for Selection Committee at IIC for Group 'A' Non

Teaching Staff:

SI. NO.	NAME & DESTINATION AND ADDRESS	PAY SCALE AND PERIOD OF EXPERIENCE	CONTACT NO.
1.	Dr. Sujeet Chaudhary Professor Office: Thin Film Lab, Dept. of Physics, IIT Delhi, Hauz Khas, New Delhi-110016	Professor, Thin Film Lab, Dept. of Physics, IIT Delhi, April, 11-till date. Associate Prof., Thin Film Lab, Dept. of Physics, IIT Delhi, Oct, 06-March, 11.	Tel: (O): (011)- 26591341 Tel: (R): (011)-26591794 Mob. Off.- 09423014560 Fax No. (011)-26581114 E-mail: sujeetc@physics.iitd.ac.in
2.	Dr. Annapoorni Subramanian Professor Office: Dept. of Physics and Astrophysics University of Delhi, Delhi	Lecturer in Dept. of Physics & Astrophysics, University of Delhi Mar 93 -Nov 96. Reader in Dept. of Physics & Astrophysics, University of Delhi, Nov 96 – April 2001. Reader in Dept. of Physics, University of Allahabad Apr 2001- Jan 2002 Reader in Dept. of Physics & Astrophysics, University of Delhi. Jan 2002-Nov 2006.	Tel: (O): (011)-27315329 Mob: Off. 09871521718 E-mail: annapoornis@yahoo.co.in
3.	Dr. P.K. Jain Scientist "F" & Team Leader Office: Head, Center for Carbon Materials, International Advanced, Research Center for Powder Metallurgy & New Materials (ARCI), Department of Science & Technology (DST), Hyderabad-500005.	Scientist "F" & Team Leader- Center for Carbon Materials, International Advanced 1994-Till date	Tel: (O): (040)-24441469 Tel: (R): +91-8028543462 Mob: Off. 09849446456 Fax No: (040)-24442699 E-mail: pkjain@arci.res.in
4.	Dr. Chandra Prakash Scientist 'G' Associate Director Office: Head, Functional Materials Group, Solis State Physics Laboratory, DRDO, Delhi-110054.	Since Dec 2012, Scientist 'G' Associate Director Head, Functional Materials Group, Solis State Physics Laboratory, DRDO, Delhi-110054.	Tel: (O): (011)-23903402 Mob: Off. 9810825175 E-mail: cprakash2014@gmail.com
5.	Dr. Atul Khanna Professor Department of Physics Office: Department of Physics, Guru Nanak Dev University Amritsar-143005, Punjab	Professor, Department of Physics, Guru Nanak Dev University, Amritsar (from Jan. 2013 to Present). Associate Professor, Physics Department, Guru Nanak Dev University, Amritsar (from July 2009 to Jan. 2013).	Tel: (O): +91-183-225-8802 Mob: Off. 0183-222-1091 E-mail: atul.phy@gndu.ac.in



NAME OF THE DEPARTMENT: INSTITUTE COMPUTER CENTRE

List of Senate's Nominees Proposed for Selection Committee at IC for Group 'A' Non Teaching Staff:

SI. NO.	NAME & DESTINATION AND ADDRESS	PAY SCALE AND PERIOD OF EXPERIENCE	CONTACT NO.
1.	Prof. Phalguni Gupta Director Office: Director, National Institute of Technical Teachers' Training & Research, Kolkata-700106	Specialization: Biometrics, Image Processing, Algorithms, Parallel Algorithms, On-line Algorithms Experience: On Leave from Department of CSE IIT Kanpur) Currently, he is Director of NITTTR, Kolkata	Tel: (O) +91-33-2337-0937 Fax: +91-33-2337-6331 E-mail: director@nitttrkol.ac.in pg.nitttr.kol@gmail.com pg@iitk.ac.in
2.	Prof. Shyam Gupta Professor Office: Computer Science & Engineering Department, IIT Delhi	Specialization: Graph Theory, Databases	Tel: (O) +91-011-26591289 Tel: (R)- +91-011-26591603 E-mail: skg@cse.iitd.ernet.in
3.	Dr. G. Athithan DS & DG (DRDO) Office: Distinguished Scientist & Director General (MED & CoS) DRDO Bhawan, Rajaji Marg, New Delhi-110004		Tel: (O) 011-23012505/23016281 Mob: 08826966288/09599944961 E-mail: dg@dgmedcos.hqrdom gathithan@hqr.drdo.in athithan.g@gmail.com
4.	Prof. T.V. Prabhakar Professor Office : Department of Computer Science & Engineering, IIT Kanpur, Kanpur-208016	Specialization: Computational Complexity, Randomized Algorithms, Logic	Tel: (O) +91-512-259-7618 E-mail: tvp@iitk.ac.in



Appendix 'F'
Item No. Senate/74.20

TABLE-1

Category wise vacancy i.e. 27% for OBC, 15% for SC, 7.5% for ST for admission to Ph.D program for Spring Semester of the session 2018-19 under Institute Assistantship

Deptt/ centre	Faculty Position (01.08.18)	Total seats @4.0 x no. of faculty	Total seats				Seats Filled					Vacancy				
			Gen	OBC	SC	ST	Gen	OBC	SC	ST	Total filled	Total vacancy	Gen	OBC	SC	ST
(Roorkee Campus)																
AHEC	5	20	10	5	3	2	9	5	3	1	18	2	1	0	0	1
Arch & Plng	18	72	37	19	11	5	26	12	10	0	48	24	11	7	1	5
Biotechnology	25	100	50	27	15	8	40	15	6	1	62	38	10	12	9	7
C-Trans	4	16	9	4	2	1	6	2	2	1	11	5	3	2	0	0
Dis. Mit. &Magnt	4	16	9	4	2	1	5	4	2	1	12	4	4	0	0	0
Nanotechnology	4	16	9	4	2	1	7	3	2	0	12	4	2	1	0	1
Chemical Engg	20	80	40	22	12	6	24	23	10	1	58	23	16	0	2	5
Chemistry	23	92	46	25	14	7	35	10	7	0	52	40	11	15	7	7
Civil Engg	44	176	89	48	26	13	59	40	23	5	127	49	30	8	3	8
Computer Sc. & Engg	11	44	22	12	7	3	18	6	3	0	27	17	4	6	4	3
Earth Sciences	22	88	44	24	13	7	30	7	5	2	44	44	14	17	8	5
Earthquake Engg	12	48	24	13	7	4	19	7	2	2	30	18	5	6	5	2
Electrical Engg	31	124	63	33	19	9	46	23	6	1	76	48	17	10	13	8
E&CE	19	76	38	21	11	6	22	15	4	0	41	35	16	6	7	6
Hum &Soc. Sciences	16	64	32	17	10	5	23	16	7	1	47	17	9	1	3	4
Hydrology	7	28	14	8	4	2	12	2	1	0	15	13	2	6	3	2
Inst. Instr. Centre	1	4	2	1	1	0	1	1	0	0	2	2	1	0	1	0
Management Studies	14	56	29	15	8	4	21	9	6	0	36	20	8	6	2	4
Mathematics	25	100	50	27	15	8	25	18	9	0	52	48	25	9	6	8
Mech&Indl Engg	42	168	85	45	25	13	61	34	19	5	119	49	24	11	6	8
Met & Mat Engg	21	84	42	23	13	6	26	17	13	1	57	27	16	6	0	5
Physics	32	128	64	35	19	10	43	21	6	1	71	57	21	14	13	9
WRD & M	5	20	10	5	3	2	10	4	3	1	18	3	1	1	0	1
	405	1620	818	437	242	123	568	294	149	24	1035	587	251	144	93	99
(Saharanpur Campus)	Total Seat @ 8 x no. of faculty															
Applied Sc. & Engg	4	32	16	9	5	2	17	5	1	0	23	11	1	4	4	2
Paper Technology	5	40	20	11	6	3	15	6	5	0	26	14	5	5	1	3
Polymer & Process Engg	12	96	49	26	14	7	29	13	12	0	54	42	20	13	2	7
	21	168	85	46	25	12	61	24	18	0	103	67	26	22	7	12



Appendix 'G'
Item No. Senate/74.21

(A) Nayar Excellence Award for Communication for Year 2017-2018:

A three round process was handled by three member jury consisted of Prof. Nagendra Kumar, Prof. Manoj Tripathy and Prof. Ashu Khanna .

Jury recommended following names for various prizes:

First prize of Rs. 50,000 : Mr. Rishabh, IV Year, MMED
Second Prize of Rs. 30,000 : Ms. Neha Arora, Biotechnology
Third Prize of Rs. 20,000 : Ms. Renju K.K., IV Year, P & I

Since one girl is receiving the second prize, separate prize for a girl student is not recommended.

(B) Rural India Technology Based Upliftment (RITU) Excellence Award for Year 2017-18:

A three-member jury consisted of Prof. S.P. Singh, Prof. V.C. Srivastava and Prof. Gargi Singh invited applications and conducted interviews and recommended the name of Ms. Nimisha Gupta {14002065} B.Tech. IV Year, Chemical Engineering for RITU award of Rs. 15,000.

(C) Service Oriented Natural science Innovation & Application (SONIA) Excellence Award for Year 2017-18:

A three member jury consisted of Prof. S.P. Singh, Prof. V.C. Srivastava and Prof. Gargi Singh invited applications and conducted interviews and recommended the name of Mr. Saksham Agarwal (14118085) B.Tech. IV Year, MMED for SONIA award of Rs. 15,000.

(D) Awards/ Medals for Convocation 2018

As per 72nd Senate meeting, criterion for awards and medals for Annual Convocation were modified. Accordingly SCSP invited applications for various medals and awards. A six member jury consisted of Prof. Rajat Agrawal, Prof. Himanshu Joshi, Prof. B. S. S. Daniel, Prof. I.D. Singh, Prof. Gaurav Raheja and Prof. Pranti Sarangi conducted interviews of various applicants. Recommendations of jury are as follows:

S.No.	Medal/ Award	Criterion	Recommended Name
1	Director Gold Medal	To be awarded to the best all rounder amongst the B. Tech./ B. Arch./ IDD/ Int. M.Sc./ Int. M.Tech. students admitted through JEE. Minimum CGPA requirement is 9.0.	MULCHANDANI VISHAL HARESH Int. M. Tech. GPT CGPA 9.184 Enrollment No. 13411013
2	The President of India Dr. Shankar Dayal Sharma Gold Medal	To be awarded to a graduating UG/PG student for excellent contribution in the field of Social Service. Minimum CGPA requirement is 8.0 .	SAKSHAM AGRAWAL B. Tech. (METALLURGICAL & MATERIALS) CGPA 8.238 Enrollment No. 14118085



3	Dr. Jai Krishna Gold Medal	To be awarded amongst the B. Tech./ B. Arch./ IDD/ Int. M.Sc./ Int. M.Tech. students admitted through JEE for excellent contribution in the field of Youth leadership. Minimum CGPA requirement is 8.0.	SHARANPREET SINGH B.Tech. (CSE) CGPA 9.292 Enroll No. 14114053
4	Kedar Nath Agarwala I.S.E. Memorial Trophy and Cash Award of Rs.5000/-	To be awarded to a graduating UG/PG student for excellent contribution in the field of Social Service. Minimum CGPA requirement is 8.0.	PRAJWAL BHATT Int. M.Tech. GT CGPA 8.266 Enroll No. 13410016
5	Om Bala Thapar Cash Prize of Rs.12000/-	To be awarded to a graduating UG girl student on the basis of overall performance. Minimum CGPA requirement is 8.0.	YEOLA SHRUTIKA SUBHASH B. Tech. (METALLURGICAL & MATERIALS) CGPA 8.585 Enrollment No. 14118113
6	Laxmi Devi and Shri Banadri Das Cash prize of Rs.5000/-	To be awarded to a graduating UG girl student on the basis of overall performance. Minimum CGPA requirement is 8.0.	MIMANSI AGARWAL B.Tech. (Chemical Engg.) CGPA 8.389 Enroll No. 14112055
7	Durga Award of Rs.5000/-	To be awarded to a graduating UG girl student on the basis of overall performance. Minimum CGPA requirement is 8.0.	PATIL JANHAVI PRAKASH B.Tech. (Biotechnology) CGPA 8.111 Enroll No. 14111028
8	Smt Kaushalya Arya Cash prize of Rs.4000/-	To be awarded to a graduating UG girl student on the basis of overall performance. Minimum CGPA requirement is 8.0.	NIMISHA GUPTA B.Tech. (Chemical Engg.) CGPA 8.377 Enroll No. 14112065
9	Dr A S Arya Cash prize of Rs.4000/-	To be awarded to an all rounder amongst the B. Tech./ B. Arch./ IDD/ Int. M.Sc./ Int. M.Tech. students admitted through JEE. Minimum CGPA requirement is 8.0.	SUSHANT SHEKHAR Int. M. Tech. (GT) CGPA 9.077 Enroll no. 13410024
10	Sri M A Rao Cash prize of Rs.1000/-	To be awarded to an all rounder amongst the B. Tech./ B. Arch./ IDD/ Int. M.Sc./ Int. M.Tech. students admitted through JEE. Minimum CGPA requirement is 9.0.	VORA MEET HITESH B.Tech. (CSE) CGPA 9.45 Enrollment No. 14115138
11	Sarojini Naidu Cup	To be awarded amongst the B. Tech./ B. Arch./ IDD/ Int. M.Sc./ Int. M.Tech. students admitted through JEE for excellent contribution in the field of sports and academics. Minimum CGPA requirement is 8.0.	VASHI NEGI B.Tech. Biotech CGPA 9.005 Enroll No. 14111044

Following awards are recommended on the basis of criteria approved in 72nd meeting of Senate:

12. **President Gold Medal** : To be awarded to the student having the highest CGPA amongst the B.Tech./ B.Arch./ IDD/ Int. M.Sc./ Int. M. Tech. graduating students admitted through JEE :
Ayush Chauhan : B.Tech. (E & CE) Enroll No 14115027, CGPA 9.871
13. **Institute Silver Medal** : To be awarded to the student having the second highest CGPA amongst the B.Tech./ B.Arch./ IDD/ Int. M.Sc./ Int. M. Tech. graduating students admitted through JEE:
Suraj Gupta : B.Tech. (CSE) Enroll No. 14114065, CGPA 9.747
14. **Institute Bronze Medal** : To be awarded to the student having the third highest CGPA amongst the B.Tech./ B.Arch./ IDD/ Int. M.Sc./ Int. M. Tech. graduating students admitted through JEE:
Aditya Prakash : B.Tech. (Electrical) Enroll No. 14115006, CGPA 9.718
15. **Department Gold Medals** :

To be awarded on the basis of highest CGPA: One Department Gold Medal for each UG programme and one Gold Medal for all PG programmes offered from one department/ centre. The eligibility to qualify for DGM is to get a CGPA of 9.0 or above.

13110027	SHRESTH JAISWAL*	2017-18	8	BACHELOR OF ARCHITECTURE
14111044	VASHI NEGI	2017-18	9.005	BACHELOR OF TECHNOLOGY (BIOTECHNOLOGY)
14112095	SPARSH JAIN	2017-18	9.617	BACHELOR OF TECHNOLOGY (CHEMICAL ENGINEERING)
14113070	NEERAJ KUMAR DWIVEDI	2017-18	9.337	BACHELOR OF TECHNOLOGY (CIVIL)
14114065	SURAJ GUPTA	2017-18	9.747	BACHELOR OF TECHNOLOGY (COMPUTER SCIENCE)
14115006	ADITYA PRAKASH	2017-18	9.718	BACHELOR OF TECHNOLOGY (ELECTRICAL)
14115027	AYUSH CHAUHAN	2017-18	9.871	BACHELOR OF TECHNOLOGY (ELECTRONICS & COMMUNICATION)
14117022	DIPANSHU MITTAL	2017-18	9.637	BACHELOR OF TECHNOLOGY (MECHANICAL)
14311017	S SHIVARAMAN*	2017-18	8.756	BACHELOR OF TECHNOLOGY (METALLURGICAL & MATERIALS)
14121015	AYUSH BHARDWAJ	2017-18	9.23	BACHELOR OF TECHNOLOGY (Polymer Science and Technology)
14214010	D.ROSHAN	2017-18	9.341	BACHELOR OF TECHNOLOGY (PRODUCTION & INDUSTRIAL)
13112098	SUDARSHAN SAHU	2017-18	9.227	INTEGRATED DUAL DEGREE - B.TECH (CHEMICAL) & M.Tech.(CAPPD)
13214007	CHAKRABORTY KUNAL KISHOLOY	2017-18	9.408	INTEGRATED DUAL DEGREE - B.TECH (PROCESS ENGG) & M.B.A.
13117075	VATSAL SANJAY	2017-18	9.096	INTEGRATED DUAL DEGREE - B.TECH (MECHANICAL) & M.Tech.(Thermal Engineering)
13410013	NIKHIL SINGH	2017-18	9.528	INTEGRATED M.TECH (GEOPHYSICAL TECHNOLOGY)

13410024	SUSHANT SHEKHAR	2017-18	9.077	INTEGRATED M.TECH (GEOLOGICAL TECHNOLOGY)
13312009	KIRNESH NANDAN	2017-18	9.107	INTEGRATED M.Sc. (APPLIED MATHEMATICS)

* These students are not eligible for Department Gold medal as their CGPA is less than 9.0.

16. **Best Project Award:** To be awarded on the recommendation of the department. The award carries a cash prize of Rs. 20,000/- subject to each team member gets a minimum of Rs. 5000/-.

- A. Department: Electrical Engineering
Title of project: Deep Learning for Medical Image Analysis.
Team Members: Mr. Shubham Kumar
Faculty Advisor: Prof. R.S. Anand and Prof. Nassir Navad
- B. Department: Chemical Engineering
Title of project: Production of dimethyl ether using coal as feedstock.
Team Members: Kathole Shrishti Nitin, Jaju Kanhaiya, Nitesh Kumar, Brijesh Ishran, Kishan Tiwari
Faculty Advisor: Prof. B. Prasad.
- C. Department: Mechanical and Industrial Engineering
Title of project: Design and Fabrication of 2-Stroke IC engine using double acting piston to increase power to weight ratio.
Team Members: Prabhupal Singh Seerha, Prashant Kumar.
Faculty Advisor: Prof. A.K. Das
- D. Department: Mechanical and Industrial Engineering (Production and Industrial Engg.)
Title of project: Experimental studies for determining feasibility of microwave drilling in metals.
Team Members: D. Roshan, Manish Kumar Jangir, Siddhant Sharma, Ujjwal Gahlot.
Faculty Advisor: Prof. A.K. Sharma
- E. Department: Civil Engineering
Title of project: Design of Hydropower Project at the Downstream of Tehri
Team Members: Shivang Bansal (14113106), Shubham kumar (14113108), Shubham Kumar (14113109), Soumya Nigotia (14113116), Sourav Tripathi (14113118)
Faculty Advisor: Prof. Mahendra Singh, Prof. C S P Ojha, Prof. M N Viladkar, Prof. Z Ahmad, Prof. A A Kazmi, Prof. B R Gurjar, Prof. Rajat Rastogi, Prof. R D Garg, Prof. Mohd. Ashraf Iqbal, Prof. G D Ransinchung R.N., Prof. Rajib Chowdhury, Prof. O.P.Dubey
- F. Department: Computer Science Engineering
Title of project: Signature authentication using EEG signals
Team Members: Soumya Agrawal (14113115), Anusha Goel (14114015), Sumit Kumar Singh (14114063)
Faculty Advisor: Prof. Partha Pratim Roy
- Title of project: Zero Shot Learning
Team Members: Abhishek Jaisingh (14114002), Akashdeep Goel (14114004), Sanatan Sharma (14114049)
Faculty Advisor: Prof. Biplob Banerjee



- G. Department: Electronics and Communication Engineering
Title of project: Real-time Multiple Face Recognition
Team Members: Shubham Agarwal (14116063), Shobhit Mittal (14116061)
Faculty Advisor: Prof. M.J. Nigam
- H. Department: Bio-Technology Engineering
Title of project: Binding studies of berberine with human telomeric g-quadruplex DNA.
Team Members: Adhada Sri Teja
Faculty Advisor: Prof. Ritu Barthwal
- I. Department: Metallurgy and Materials Engineering
Title of project: Adhesive Wear behavior of novel austenite/ bainite steel
Team Members: Shubam Vij (14118095), Yeola Shrutika Subhash (14118113)
Faculty Advisor: Prof. Sourav Das
- Title of project: Pulse electron deposition of zinc grapheme reinforced composite coatings on mild steel for improved corrosion resistance
Team Members: Anshul Kamboj (14118016), Luktuke Amey Avinash (14118045)
Faculty Advisor: Prof. G.P. Chowdhury
- J. Department: Polymer Science and Technology
Title of project: Chitosan based bio-nanocomposite
Team Members: Ayush Bhardwaj (14121015)
Faculty Advisor: Prof. Pradip Maji
- K. Department: Architecture & Planning
Team Member: Amit Majumdar (13110004)
17. Following awards are recommended on the basis of CGPA/ departmental recommendations:

S.No	Name of Awards/Medals	Recipient
1.	Dr. A.N. Khosla Medal for the student obtaining highest C.G.P.A. in all B.Tech. Courses.	Ayush Chauhan B.Tech. (E & CE) Enroll No 14115027, CGPA 9.871
2.	Smt. Shashi Krishna Medal for the student obtaining highest C.G.P.A. all B.Tech./B.Arch. courses.	
3.	Prof C L Toshniwal Award in Civil Engineering of Rs.10,000/- To be awarded to a student of B.Tech. Civil Engineering who obtains highest marks in the compulsory courses of Environmental Engineering. Tie will be broken on the basis of overall CGPA.	Nikhil Kumar, Enrollment Number:14112064, CGPA: 9.284
4.	Sri M.A. Rao Cash Prize of Rs. 1000/- for the student standing second in order of merit in B.Tech. (Civil Engg.) Final Year.	
5.	Vinay Krishna Cash Prize of Rs. 5,000/- for a student of B.Tech., Civil Engg. final year who obtained second highest CGPA.	
6.	Prof. (Mrs.) Renu Bhargava Cash Award for Excellence in Environmental Engineering of Rs. 11,000/- to a girl student obtaining highest Marks/Grade in compulsory Environmental	Deepali Chauhan, Enrollment Number :- 14113040, CGPA:8.781



	Engineering subjects in B.Tech. (Civil Engineering and securing overall CGPA 8.0 or above after final year.	
7.	Smt. Kailash Devi Goyal W/o Sri Kanhaiyalal Goyal of Firozabad Memorial Cash Prize of Rs. 5000/- for the student obtaining highest CGPA in B.Tech.(Elect.) final year.	Aditya Prakash : B.Tech (Electrical) Enroll No. 14115006, CGPA 9.718
8.	Prem Prakash Gupta Medal for the student obtaining highest C.G.P.A. in B.Tech. (Chemical) final year.	Sparsh Jain Enroll No. 14112095 CGPA 9.617
9.	Prem Prakash Gupta Cash Prize of Rs. 5000/- for the student obtaining highest C.G.P.A. in B.Tech.(Chemical) final year.	
10.	Astha Mukul Dixit Prize of Rs. 5,100/- for the best Engineering Project in Final year of B.Tech. Chemical Engg.	Kathole Shrishti Nitin, Jaju Kanhaiya, Nitesh Kumar, Brijesh Ishran, Kishan Tiwari
11.	Everest Award of Excellence Rs. 10,000/- for the student who obtains highest CGPA in B.Arch. Final Year.	Shresth Jaiswal Enroll No 13110027 CGPA 8.0
12.	Architect Yash Pal Gupta Award of Excellence of Rs. 10,000/- for a graduating student of B.Arch.	
13.	Madhusudan Dayal Mithal Medal for obtaining highest C.G.P.A. in B.Tech. (Civil).	Neeraj Kumar Dwivedi, Enroll No. 14113070 CGPA 9.337
14.	Rai Bahadur Sohan Lal Bhatia Medal for obtaining highest C.G.P.A. in B.Tech.(Civil)	
15.	Prabhakar Swarup Civil Engineering Award of Rs. 10000/- to a student of B.Tech Civil IV year who obtained highest CGPA in B.Tech Civil IV year.	
16.	Shri Shiv Nandan Swaroop and Avadh Narayan Bhatnagar Cash Prize of Rs. 5000/- to a student of B.Tech. Civil Final Year Batch topper	
17.	G.P. Bagchi Metallurgical & Materials Engineering Cash Prize of Rs. 5000/- for highest CGPA to Final Year student of Metallurgical & Materials.	S Shivaraman Enroll No. 14311017 CGPA 8.756
18.	Mrs. Leila Saxena Memorial Cash Award of Rs. 5000/- for the student who obtains highest CGPA in B.Tech. Metallurgical & Materials Final Year.	
19.	Dr. G. Pande Medal for the girl student for standing first amongst the girl students in all B. Tech./B. Arch. Courses.	Aishwarya Mittal, B.Tech. Electrical Engineering, Enroll No. 14115008, CGPA 9.473
20.	Col. Bajpai Cash Prize of Rs. 5000/- for the girl student obtaining highest CGPA amongst girls students in undergraduate Programmes.	
21.	Smt. Rama Devi Krishna Bhatnagar Cash Prize of Rs. 10000/- for the girl student amongst girl students in all Branches undergraduate Programmes.	Aishwarya Mittal, B.Tech. Electrical Engineering, Enroll No. 14115008, CGPA 9.473
22.	Air Cmdr Shyam Chand Mehra Scholarship of Rs. 10,000/- to a girl student of B.Tech. 4 th year for obtaining highest CGPA in B.Tech. Electrical Engg.	
23.	Prof. Ranvir Singh Shastry Cash Prize of Rs. 6000/- to a girl student B.Tech. Final Year Who obtains 2 nd highest CGPA.	SOUMYA AGRAWAL, B.Tech. CSE, Enroll No. 14113115, CGPA 9.217

24.	Brig. Harish Chandra Cash Prize of Rs. 1000/- for the B. Tech., Civil Engg. Final year student on the basis of the best Design (Project).	Shivang Bansal (14113106), Shubham Kumar (14113108), Shubham Kumar (14113109),
25.	Tara Chand Kanti Devi Cash Prize of Rs. 2500/- to the best student doing best design project in B. Tech. (Civil).	Soumya Nigotia (14113116), Sourav Tripathi (14113118)



M.Tech./M.Arch./M.U.R.P. M.Phil./M.Tech(ES)/M.Sc.

Department Gold Medals for obtaining the highest CGPA in the Department/ Centre

S.No.	Enroll.No.	Name	cgpa	Prog_Name
1	16610030	Sumana Ghosh	10	M.Sc.(Biotechnology)
2	16548011	Manoj Prasad Patel	9.886	M.Tech. (Water Resources Development)
3	16617002	Anirban Saha	9.808	M.Sc.(Economics)
4	16611005	Diksha Saklani	9.803	M.Sc.(Chemistry)
5	16552006	Ishita Bhatnagar	9.765	M.Tech. (Disaster Mitigation And Management)
6	16512007	Divyakshi Aeron	9.735	M.Tech. (Alternate Hydro Energy Systems)
7	16515008	Kavisha Dang	9.647	M.Tech. Chemical (Industrial Pollution Abatement)
8	16537011	Mst. Shamsad Mahmuda Fatima	9.571	M.Tech. (Hydrology-Ground Water)
9	16530020	Shivam Jain	9.559	M.Tech. Elect. (System And Control)
10	15541019	Subhamoy Pal	9.559	M.Tech. Mech.&Ind. (Thermal Engineering)
11	16525008	Prakash Mokha	9.529	M.Tech. Earthquake (Soil Dynamics)
12	16535015	Himanshu Makkar	9.529	M.Tech. (Computer Science & Engineering)
13	16533003	Gautam Soni	9.418	M.Tech. E & Ce (R.F. And Microwave Engineering)
14	16524023	Ravendra Singh	9.412	M.Tech. Civil (Transportation Engineering)
15	16555003	Dakuri Ramakanth	9.338	M.Tech. (Packaging Technology)
16	16616011	Khushboo Goyal	9.273	M.Sc.(Mathematics)
17	16551006	Garima Jain	9.229	M.Tech. (Nanotechnology)
18	16810004	Aayush Sharma	9.224	Master Of Business Administration
19	16615003	Aman Gupta	9.171	M.Sc.(Physics)
20	16612007	Niraj Rai	9.146	M.Sc.(Applied Geology)
21	16511009	Inala Sowjanya	9.132	Master Of Urban And Rural Planning
22	16549002	Palak Sondhi	9.103	M.Tech. (Advanced Methods Of Chemical Analysis)
23	16546005	Qaseem Haider	9.015	M.Tech. (Pulp & Paper)
24	16544005	Deepak Kumar**	8.941	M.Tech. (Industrial Metallurgy)
25	16556003	Ayushi Agarwal**	8.857	M.Tech. (Bioprocess Engineering)
26	16554004	Aravind P N**	8.471	M.Tech. (Infrastructure Systems)
27	16550008	Md Atif **	8.303	M.Tech. (Solid State Electronic Materials)

** These students are not eligible for Department Gold Medal as their CGPA is less than 9.0.

S.No.	Award/ Medal/ Prize	Recipient
28.	Kathpalia Award of Rs. 5000/- for the dissertation in M. Tech. (Environment Engg.) (Civil) in the area of Environment Aspects	Ghazal Srivastava
29.	Tara Chand Kanti Devi Cash Prizes of Rs. 3000/- to the best student of M.Tech. (Civil).	Ravendra Singh, M.Tech. Civil (Transportation Engineering), Enroll No. 16524023, CGPA : 9.412

30.	Dr. Jai Krishna Medal for obtaining highest CGPA in all M.Tech. Courses.	Manoj Prasad Patel, Enrol. No. 16548011, M.Tech. (Water Resources Development), CGPA: 9.886
31.	Laxmi Devi and Shri Banadri Das Cash Prize of Rs. 5000/- for the best student with excellence in academic amongst all the student in M.Tech. Engg. /M.Arch. Courses.	
32.	N. Khosla Medal for obtaining highest CGPA in M.Tech. WRD courses in various specializations in WRD.	
33.	Dr. P.S. Nigam- Nirmala Cash Prize of Rs.1000/- for the best project in M.Tech. WRD	
34.	Kathpalia Award of Rs. 5000/- for the dissertation in M. Tech. (Environment Engg.) (WRD) in the area of Environment Aspects.	
35.	Tara Chand Kanti Devi Cash Prizes of Rs. 2000/- to the best student of M.Tech. Civil (Geotech)	Rishab Bhardwaj, Enroll No. 16521018, CGPA: 9.235
36.	The Indian Service of Engineers Cash Prize of Rs. 2000/- for standing first in class in Earthquake Engg. "Structural Dynamics"	Shivam Huriya, Enrollment No. 16526020, CGPA: 9.457
37.	The Indian Service of Engineers Cash Prize of Rs. 2000/- for standing first in class in "Soil Dynamics"	Prakash Mokha, Enrol. No. 16525008, CGPA: 9.529
38.	Amba Prasad – Kalawati Memorial Cash Prize of Rs. 5000/- to a student for obtaining highest CGPA in M.Tech. (Geomatics)	Ranveer , Enroll No. 15520013 CGPA 8.829
39.	Uma Goyal W/O Sri Uday Shanker Goyal Memorial Cash Prize of Rs. 2500/- for obtaining highest CGPA in M.Tech. (Electrical Engg.) final year	Shivam Jain, Enrol. No. 16530020, M.Tech. Elect. (System And Control), CGPA: 9.559
40.	Sri Kanahiya Lal Goyal F/O Sri Uday Shanker Goyal Cash Prize of Rs. 2500/- for obtaining highest CGPA in M.Tech. (E&C) final year.	Gautam Soni, Enrol. No. 1653303, M.Tech. E&C (R.F. & Microwave Engineering), CGPA: 9.418
41.	Goyal Cash Prize of Rs. 1500/- for obtaining highest CGPA in M. Tech.(CSE).	Himanshu Makkar, Enrol. No. 16535015, CGPA: 9.529
42.	Puran Mal Gupta Medal for obtaining highest CGPA in Courses M. Tech. (Hydrology)	Mst. Shamsad Mahmuda Fatima, Enrol. No. 16537011, CGPA: 9.571
43.	Bihar Hydro Awards of Rs. 5000/- for a candidate obtaining highest CGPA in M. Tech. (AHES) final Year.	Divyakshi Aeron, Enrol No. 16512007, CGPA: 9.735
44.	Meenakshi Power Award of Rs. 20,000/- for best passing out female student of M.Tech. (AHES)	Mr Stephano Mambuye Alphayo (Enrol No. 16513010)
45.	Electro steel Award Cash Prize of Rs. 10,000/- for M.Tech. (Alternate Hydro Energy Systems), II year Dissertation	
46.	Electro steel Award Cash Prize of Rs. 10,000/- for M.Tech. (Environment Management of Rivers and Lakes), II year best Dissertation	
47.	Chhattisgarh State Power Generation Corporation Hydro Awards of Rs. 10,000/- to M.Tech. (AHES) II-year student for Securing highest CGPA in II year and not awarded any other award of same or higher amount.	Saroj Man Tamrakar, Enroll No. 16512017, CGPA: 9.206
48.	Dr. A.N. Khosla Medal for obtaining highest CGPA in M.Sc./M. Tech. (Science) Courses.	Sumana Ghosh, Enrol. No. 16610030, M.Sc.(Biotechnology), CGPA: 10
49.	Smt. Sushilavati Khosla Medal for the girl student obtaining highest CGPA in M.Sc./M.Tech. (Science) courses.	
50.	G. Pande Medal for the girl student for obtaining highest CGPA in M.Sc. final year Examination	

51.	Dr. Hari G. Garg Cash Prize of Rs. 5000/- for obtaining highest CGPA in M.Sc. Chemistry Final Year.	Diksha Saklani, Enrol No. 16611005, CGPA: 9.803
52.	Amba Prasad – Kalawati Memorial Cash Prize of Rs. 5000/- to a student for obtaining highest CGPA in M.Tech. (Geomatics).	Ranveer, Enroll. No. 15520013, CGPA :8.83
53.	Shri Ravi Mohan Mangal Cash Prize of Rs. 25,000/- to a student of M.Tech. (Infrastructure Systems) of center for Transportation Systems (CTRANS) on the basis of highest CGPA in M.Tech. (Infrastructure Systems)	Aravind P N, Enrol. No. 16554004, CGPA: 8.471
54.	Sunita Bahadur Memorial Gold Medal to a student of M.Tech. (Transportation Engineering) of Civil Engineering Department on based on highest CGPA in M.Tech. (Transportation Engineering).	Ravendra Singh, Enrol. No. 16524023, CGPA: 9.412
55.	Chhattisgarh State Power Generation Corporation Hydro Awards of Rs. 10,000/- to M.Tech. (EMRL) II year student for Securing highest CGPA in II year and not awarded any other award of same or higher amount.	Rajeev Rajan Rathour, Enrol No. 16513007, CGPA 9.394
56.	Meenakshi Power Award of Rs. 20,000/- for best passing out female student of M.Tech.(EMRL)	Maansi Suresh Shah, Enrol. No. 16513006, CGPA: 8.364
57.	Prof C L Toshniwal Environmental Engineering Award of Rs10,000/- to be awarded to a student of M.Tech. Civil Engg. (Specialization in Environmental Engineering) on the basis of highest CGPA.	Aman Tiwari, Enrol. No. 16519002, CGPA: 9.145



IV Senate Approved 71 PDC List:

S.No.	Name	Deptt.	Topic	Supervisor	Examiner (For./Ind.)	PDC Date
1	Mr. Bhaskar De	AR	OPTIMIZATION OF ORIENTATION AND CANYON ASPECT RATIO FOR A CITY IN WARM HUMID CLIMATE	Dr. Mahua Mukherjee	Prof. Wong Nyuk Hien, Singapore Prof. N. K. Bansal, New Delhi	28.05.18
2	Mr. Siva Rama Krishna Madeti	AHEC	DEVELOPMENT OF ON-LINE MONITORING SYSTEM FOR A GRID CONNECTED SOLAR PHOTOVOLTAIC PLANT	Dr. S. N. Singh	Prof. Jan Kleissl, USA Dr. N. C. Sahoo, IIT Bhubaneswar	25.07.18
3	Mr. Hariom Sharma	ASE	SOLUTIONS OF CERTAIN NON-LINEAR PDES WITH APPLICA	Dr. Rajan Arora	Prof. Anjan Bisas, USA Prof. Vishnu Dutt Sharma, IIT Bombay Prof. L. P. Singh, BHU Varanasi	17.07.18
4	Mr. Vijay Kumar	BT	STRUCTURAL STUDIES OF SHIKIMATE AND FATTY ACID BIOSYNTHESIS PATHWAY'S ENZYMES	Dr. Pravindra Kumar	Prof. Christian Betzel, Humburg Dr. Sonika Bhatnagar, NSIT New Delhi Dr. Pawan Gupta, IMT Chandigarh	28.05.18
5	Ms. Savita Budania	BT	INVESTIGATING HUMAN L1 RETROTRANSPOSON ACTIVITY IN ORAL SQUAMOUS CELL CARCINOMA PATIENTS	Dr. P. K. Mandal Dr. R. Prasad	Prof. Haig H. Kazazian, USA Dr. R. Kulshreshtha, IIT Delhi Dr. Amit Dutt, Mumbai	04.06.18
6	Ms. Neha Singh	BT	XENOBIOTIC COMPOUND DEGRADATION AND THEIR EFFECTS ON IMPORTANT ENZYMES	Dr. Pravindra Kumar	Prof. Christian Betzel, Humburg Dr. Anushree Malik, IIT Delhi Dr. Amit Kumar, IIT Indore	18.06.18
27	Ms. Deepa Teotia	BT	MOLECULAR ANALYSIS OF CINNAMATE CoA-LIGASE FROM PHYTOALEXIN PRODUCING APPLE CELL CULTURES	Dr. Debabrata Sircar	Prof. Ludger Beerhues, Germany Dr. Javid Iqbal Mir, Srinagar	10.07.18
8	Ms. Anchal Sharma	BT	BIOPHYSICAL, BIOCHEMICAL AND STRUCTURAL CHARACTERIZATION OF DRUG TARGETS FROM BACTERIA	Dr. Pravindra Kumar	Prof. Christian Betzel, Humburg Dr. Ashwani K. Thakur, IIT Kanpur Dr. Samudrala Gourinath, JNU Delhi	19.07.18
9	Ms. Himani Maheshwari	CEDMM	OBJECT BASED EXPERT SYSTEM FOR ESTIMATION OF CARBON FOOTPRINT	Dr. Kamal Jain	Prof. Colin Arrowsmith, Australia Dr. Harish C. Karnatak, ISRO Dehradun Dr. Narayana Panigrahi, Karnataka	13.07.18
10	Mr. Vishal Kumar Sandhwar	CH	ELECTROCHEMICAL TREATMENT OF PETROCHEMICAL WASTEWATER	Dr. B. Prasad	Prof. Ramin Farnood, Canada Prof. Anil Kumar Saroha, IIT Delhi Prof. Kaustubha Mohanty, IIT Guwahati	09.07.18
11	Ms. Ayushi Verma	CH	BIOSORPTIVE REMOVAL OF HEAVY METALS USING SARGASSUM FILIPENDULA FROM WASTEWATER	Dr. C. B. Majumder Dr. (Late) Shashi Kumar	Prof. S. A. Sherif, USA Prof. S. K. Srivastava, IIT (BHU) Varanasi Prof. D. Ray, IIT Kharagpur	19.06.18
12	Mr. Gaikwad Mahendra Shivaji	CH	ADVANCE TREATMENT FOR REMOVAL OF CHROMIUM AND FLUORIDE FROM INDUSTRIAL WASTEWATER	Dr. C. B. Majumder	Prof. Krishna R. Reddy, USA Prof. Ashok K. Srivastava, IIT Delhi Dr. Rajesh Roshan Dash, IIT Bhubaneswar	09.07.18
13	Ms. Ankita Saini	CY	NAPHTHALIMIDE-BASED MATERIALS FOR ELECTRONIC AND BIOLOGICAL APPLICATIONS	Dr. K. R. Justin Thomas	Prof. Juozas Vidas Grazulevicius, Lithuania Prof. Parameswar K. Iyer, IIT Guwahati Prof. Rajneesh Misra, IIT Indore	13.07.18

14	Ms. Nivedita Chaudhri	CY	β -FUNCTIONALIZED CHLORINS AND PORPHYRINS: SYNTHESIS, SPECTRAL AND REDOX PROPERTIES	Dr. M. Sankar	Prof. F. D.'souza, USA Prof. S. P. Rath, IIT Kanpur Prof. A. K. Mishra, IIT Madras	18.05.18
15	Mr. Kamal Prakash	CY	FUNCTIONALIZED PORPHYRINS AND THEIR APPLICATION IN DSSC, ELECTROCATALYSIS AND ANION SENSING	Dr. M. Sankar	Prof. Takahiko Kojima, Japan Prof. M. Ravikanth, IIT Bombay Prof. Dillip Kumar Chand, IIT Madras	18.05.18
16	Ms. Surinder Pal Kaur	CY	COMPUTATIONAL STUDIES OF SELECTED GAS HYDRATES AND HYDRATE MELTS	Dr. Ramachandran C. N.	Prof. Slawomir J. Grabowski, Spain Dr. T. J. Dhillip Kumar, IIT Ropar	29.06.18
17	Ms. Pallavi Singh	CY	INORGANIC, ORGANIC/INORGANIC HYBRID MATERIALS FOR PHOTOVOLTAIC APPLICATION	Dr. Prasenjit Kar	Prof. Young Jong Kang, Korea Dr. Aswani YElla, IIT Bombay	25.07.18
18	Mr. V. Joseph	CY	CYANOCARBAZOLE-BASED ORGANIC MATERIALS FOR ELECTRONIC APPLICATIONS	Dr. K. R. Justin Thomas	Prof. Jun Yeob Lee, Korea Prof. Anil Kumar, IIT Bombay Dr. Satish A. Patil, IISc Bangalore	25.07.18
19	Mr. Sunil Kumar	CY	DITHIENOPYRROLE-BASED ORGANIC MATERIALS FOR PHOTOVOLTAICS	Dr. K. R. Justin Thomas	Prof. Hong-Cheu Lin, Taiwan Dr. P. Thilagar, IISc Bangalore Prof. Parameswar K. Iyer, IIT Guwahati	11.07.18
20	Ms. Poonam	CY	ENANTIOMERIC RESOLUTION OF RACEMIC PHARMACEUTICALS	Dr. Ravi Bhushan	Prof. J. Martens, Germany Prof. K. N. Singh, IIT BHU Varanasi Prof. Nand Kishor, IIT Bombay	09.07.18
21	Mr. Raeesh Muhammad	CY	INORGANIC-ORGANIC HYBRID NANOPOROUS MATERIALS FOR CARBON DIOXIDE CAPTURE	Dr. Paritosh Mohanty	Prof. Tewodros Asefa, USA Prof. A. K. Mishra, IIT Madras Prof. A. K. Mishra, IIT Bombay	25.07.18
22	Mr. Manish Pandey	CE	SCOUR AROUND BRIDGE PIER IN GRAVEL BED STREAMS	Dr. P. K. Sharma	Prof. Satish Giri, Netherlands Prof. Virender Kumar Sarda, NIT Hamirpur Dr. Rajesh Srivastava, IIT Kanpur	13.07.18
23	Mr. Umesh Kumar Singh	CE	INFLUENCE OF COHESION ON SEDIMENT TRANSPORT	Dr. Z. Ahmad Dr. Ashish Kumar	Prof. Stefano Pagliara, Italy Prof. Rajesh Srivastava, IIT Kanpur Prof. S. A. Ansari, AMU Aligarh	29.05.18
24	Mr. Manendra Singh	CE	SEISMIC RESPONSE OF SHALLOW METRO UNDER GROUND TUNNELS	Dr. M. N. Viladkar Dr. N.K. Samadhiya	Prof. Gopal SP Madabhusha, UK Prof. Ashish Juneja, IIT Mumbai	04.06.18
25	Mr. Sunil Khuntia	CE	ANALYSIS OF PLATE ANCHORS AND RETAINING WALLS SUPPORTING SOIL WITH SLOPING SURFACE	Dr. J. P. Sahoo	Prof. Abdul-Hamid Soubra, France Prof. G. R. Dodagoudar, IIT Madras Dr. Manash Chakraborty, IIT (BHU) Varanasi	25.07.18
26	Mr. Kuldeep	CE	TEXTURE BASED EXTRACTION OF ISLANDS AND FLOOD VULNERABILITY ASSESSMENT USING RS	Dr. R. DD. Garg Dr. P. K. Garg	Dr. Martin Kappas, Germany Prof. Onkar Dikshit, IIT Kanpur Dr. Anil Kumar, ISRO Dehradun	07.05.18
27	Mr. Khalid Muzamil Gani	CE	FATE AND REMOVAL OF PHTHALATES IN BIOLOGICAL WASTEWATER TREATMENT	Dr. A. A. Kazmi	Prof. F. Ali Mempon, UK Prof. M. M. Ghangrekar, IIT Kharagpur Prof. Mohammad Jawed, IIT Guwahati	07.05.18

28	Mr. Ajit Kumar Sahoo	ES	GENESIS OF GOLD MINERALIZATION IN HIRA-BUDDINI, HUTTI SCHIST BELT, KARNATAKA, INDIA	Dr. R. Krishnamurthi Dr. P. Sangurmah	Prof. Anne-Sylvie Andre-Mayer, France Prof. M. S. Pandian, Puducherry Prof. G. N. Jadhav, IIT Bombay	25.07.18
29	Ms. S. Neethu	ES	SLOPE STABILITY EVALUATION IN AND AROUND KODAIKANAL TOWN, TAMILNADU	Dr. R. Anbalagan	Prof. Rajinder Bhasin, Norway Dr. Pankaj Gupta, CSIR, New Delhi	25.07.18
30	Mr. Balendra Mouli Marrapu	EQ	GEOTECHNICAL HAZARD ASSESSMENT OF SOIL SLOPES IN HILLY REGION	Dr. Ravi Sankar Jakka	Prof. Hemanta Hazarika, Japan Prof. Deepankar Choudhury, IIT Bombay Prof. T. G. Sitharam, IISc Bangalore	15.05.18
31	Ms. Shermi C.	EQ	SEISMIC BEHAVIOUR AND RETROFITTING OF URM BUILDINGS	Dr. R. N. Dubey	Prof. Panagiotis G. Asteris, Greece Prof. Ravi Sinha, IIT Mumbai Prof. T. K. Datta, IIT Delhi	28.05.18
32	Mr. Shihabudheen KV	EE	MODELING AND CONTROL USING IMPROVED NEURO-FUZZY SYSTEMS	Dr. G. N. Pillai	Prof. Kazuo Kiguchio, Japan Prof. Chitralekha Bahanta, IIT Guwahati	06.06.18
33	Mr. Yarlagadda Srinivasa Rao	EE	POWER QUALITY IMPROVEMENT USING MODULAR D-STATCOM	Dr. M. K. Pathak	Prof. Bimal K. Bose, USA Prof. Praveen Kumar, IIT Guwahati Prof. Ranjit Mahanty, IIT (BHU) Varanasi	25.06.18
34	Mr. Vadthya Jagan	EE	INVESTIGATIONS ON ENHANCED-BOOST Z-SOURCE INVERTERS	Dr. Sharmili Das	Prof. Ned Mohan, USA Prof. Santanu Mishra, IIT Kanpur	13.07.18
35	Mr. Arun Balodi	EE	ANALYSIS OF MITRAL REGURGITATION USING ECHOCARDIOGRAPHIC IMAGES	Dr. M. L. Dewal Dr. R. S. Anand	Prof. Dinesh K. Pant, Australia Prof. Vikram M. Gadre, IIT Bombay	07.05.18
36	Ms. Savitesh Madhulika Sharma	ECE	MODELING OF MULTIGATE MULTIFIN FINFETS FOR HIGH FREQUENCY APPLICATIONS	Dr. S. Das Gupta Dr. M. V. Kartikeyan	Prof. Giovanni Ghione, Italy Prof. Amitava Das, IIT Madras	07.06.18
37	Mr. Anupam Kumar	ECE	INTERVAL TYPE-2 FUZZY LOGIC CONTROLLERS FOR ROBOT MANIPULATORS	Dr. Vijay Kumar	Prof. Joseph Olorunfemi Ojo, USA Prof. Jayanta Pal, IIT Bhubaneswar Prof. S. K. Nagar, IIT (BHU) Varanasi	26.07.18
38	Ms. Ruchi	ECE	VARIATION AWARE MEMORY DESIGN FOR LOW POWER APPLICATIONS	Dr. S. Das Gupta	Dr. Tony Tae-Hyoung Kim, Singapore Dr. Saurabh Lodha, IIT Bombay Prof. Madhu Mutyam, IIT Madras	11.05.18
39	Mr. Amarjit Kumar	ECE	RECONFIGURABLE MULTIBAND AND MULTIFUNCTIONAL RADIO-FREQUENCY INTEGRATED CIRCUITS	Dr. N. P. Pathak	Prof. Takashi Shimizu, Japan Dr. M. Jaleel Akhtar, IIT Kanpur Prof. V. Subramanian, IIT Madras	10.05.18
40	Ms. Deeksha Sharma	HSS	EXPLORING THE LINK AMONG EMOTIONAL INTELLIGENCE, LATERALITY AND REACTION TIME	Dr. Rachita Gulati Dr. Indivar Misra	Dr. Luca Tommasi, Italy Prof. Manas K. Mandal, IIT Kharagpur Prof. H. S. Asthana, IIT (BHU) Varanasi	19.06.18
41	Mr. Litan Kumar Ray	HY	CLIMATE CHANGE STUDIES OVER PARTS OF INDIA	Dr. N. K. Goel	Prof. Dev Niyogi, USA Prof. Chandranath Chatterjee, IIT Kharagpur Prof. Rjendra Singh, IIT Kharagpur	12.06.18
42	Ms. Bijoylaxmi Sarmah	DoMS	MODELLING AND MEASURING OF CUSTOMER PARTICIPATIVE SERVICE INNOVATION BEHAVIOR	Dr. Z. Rahman	Prof. Srikanth Beldona, USA Prof. L. Prakash Sai, IIT Madras Dr. Devashish Das Gupta, IIM Lucknow	28.05.18

43	Ms. Reenu Rani	MA	MATHEMATICAL MODELING OF RENEWABLE RESOURCE	Dr. Sunita Gakkhar	Prof. Jean Christophe Poggiale, France Prof. Arvind Kumar Misra, IIT (BHU) Varanasi Prof. Siddhartha P. Chakrabarty, IIT Guwahati	04.06.18
44	Ms. Rangoli Goyal	MA	NUMERICAL SIMULATION OF SOME PROBLEMS IN MECHANICS USING ADVANCED FE TECHNIQUES	Dr. Rama Bhargava Dr. Indra Vir Singh	Prof. Jahrul Alam, Canada Prof. Peeyush Chandra, Vadodara Prof. Amiya Kumar Pani, IIT Bombay	10.05.18
45	Ms. Priyanka Sangal	MA	GENERALIZED POSITIVITY TECHNIQUES APPLIED TO HYPERGEOMETRIC TYPE FUNCTIONS	Dr. A. Swaminathan	Prof. Nak Eun Cho, Korea Prof. V. Ravichandran, DU Delhi Prof. V. Vetrivel, IIT Madras	07.05.18
46	Mr. Ajay Kumar	MA	MATHEMATICAL MODELING OF PHASE CHANGE HEAT TRANSFER PROCESS IN BIOLOGICAL TISSUES	Dr. V. K. Katiyar Dr. Shirley Telles	Prof. Cecile Piret, USA Prof. Prawal Sinha, IIT Kanpur Prof. Jitendra Kumar, IIT Kharagpur	07.05.18
47	Mr. Chandan Pandey	MIE	SOME STUDIES ON THE EFFECT OF HEAT TREATMENT AND DIFFUSIBLE HYDROGEN ON P91 WELDS	Dr. M. M. Mahapatra Dr. Pradeep Kumar	Prof. R. D. Morales Dr. N. R. Mandal	17.07.18
48	Mr. Surya Kumar	MIE	THERMAL CONTACT CONDUCTANCE OF CONFORMING AND NON-CONFORMING CONTACTS	Dr. A. Tariq	Prof. Mohamed Gad-El-Hak, USA Dr. Deb Mukhopadhyay, BARC Mumbai Prof. K. Muralidhar, IIT Kanpur	16.05.18
49	Mr. Naveen Sharma	MIE	INVESTIGATION ON AEROTHERMAL CHARACTERISTICS OF SURFACE MOUNTED TURBULENCE PROMOTERS	Dr. A. Tariq Dr. Manish Mishra	Prof. Mohamed Gad-El-Hak, USA Prof. B. V. S. S. S. Prasad, IIT Madras Prof. P. K. Das, IIT Kharagpur	29.05.18
50	Mr. Ravinder Kumar	MIE	MICRO ELECTRIC DISCHARGE MACHINING OF DIFFICULT-TO-MACHINE MATERIALS	Dr. Inderdeep Singh	Prof. Hom Nath Dhakal, UK Prof. J. Ramkumar, IIT Kanpur Prof. Puneet Mahajan, IIT Delhi	09.07.18
51	Mr. Sisay Addis Filketu	MIE	ANALYZING JOB SATISFACTION BY QUALITY MANAGEMENT FOR ETHIOPIAN LEATHER INDUSTRY	Dr. Akshay Dvivedi Dr. Birhanu Beshah	Prof. M. Affan Badar, UAE Dr. Deepu Philip, IIT Kanpur Prof. S. G. Desmukh, ABV-IIITM Gwalior	13.07.18
52	Mr. Rajesh Kumar	MIE	EFFECT OF FUNCTIONALIZATION AND DEFECT ENGINEERING ON THE PROPERTIES OF h-BN/NANOCOMPOSITE	Dr. Avinash Parashar Dr. Pierre Mertiny	Prof. Adri Van Duin, USA Prof. Hitendra K. Malik, IIT Delhi	08.05.18
53	Mr. Sumit Ghosh	MME	THERMOMECHANICAL SIMULATION KINETICS TO DEVELOP HIGH STRENGTH IF AND MICROALLOYED STEELS	Dr. Suhrit Mula	Prof. Carl C. Koch, USA Prof. Sudipto Ghosh, IIT Kharagpur Prof. N. K. Mukhopadhyay, IIT (BHU) Varanasi	28.05.18
54	Mr. Kuldeep Kumar Saxena	MME	HOT DEFORMATION BEHAVIOR OF Zr-Nb ALLOYS	Dr. Vivek Pancholi Dr. G. P. Chaudhari	Prof. Maria Cecilia Poletti, Austria Dr. V. Subramanya Sarma, IIT Madras Prof. Satyam Suwas, IISc Bangalore	09.07.18
55	Mr. Ravindra Kumar	MME	SURFACE MODIFICATION OF A CASE HARDENABLE AISI 8620 STEEL USING TIG ARCING PROCESS	Dr. P. K. Ghosh	Prof. Lin Ye, Australia Dr. M. Shome, Jamshedpur	08.05.18
56	Mr. Rahul Saini	NT	NOVEL APPROACHES FOR PROCESSING WASTE PRINTED CIRCUIT BOARDS	Dr. R. K. Dutta	Prof. Juan A. Conesa, Spain Dr. T. Mishra, Jamshedpur	28.05.18

57	Mr. Tushar Bhardwaj	DPT	AUTONOMIC RESOURCE ALLOCATION FOR SERVICE-BASED AND PARALLEL CLOUD APPLICATIONS	Dr. S. C. Sharma	Dr. Maaruf Ali Smieeee, UK Prof. Binod K. Kanaujia, JNU Delhi Dr. Manoj Thakur, IIT Mandi	04.06.18
58	Mr. Deepak Kumar	PH	LIGHT-HEAVY-ION REACTION DYNAMICS IN MEDIUM MASS NUCLEI: STUDY OF MEDICAL ISOTOPE	Dr. Moumita Maiti	Prof. Christoph E. Dullmann, Germany Prof. P. K. Pujari, BARC Mumbai Prof. B. K. Nandi, IIT Bombay	25.07.18
59	Ms. Monalisha Dhibar	PH	STUDIES IN NUCLEAR STRUCTURE AND BIG BANG NUCLEOSYNTHESIS USING PROTON BEAMS	Dr. Anil K. Gourishetty Dr. Indranil Mazudar	Prof. Thomas B. Clegg, USA Prof. V. S. Bhasin, New Delhi Prof. Basanta K. Nayak, BARC Mumbai	10.05.18
60	Ms. Anto J.	WRDM	ANALYSIS OF DYNAMIC BEHAVIOR OF VARIABLE SPEED PUMP STORAGE UNITS UNDER CONVERTER FAULTS	Dr. Thanga Raj Chelliah	Prof. Joseph Olorunfemi Ojo, USA Dr. Suryanarayana Doolia, IIT Bombay	09.07.18
61	Mr. Sunil Kumar Dubey	WRDM	EFFECT OF PERIODICAL CO ₂ ENRICHMENT ON WHEAT cv. PBW 343 THROUGH FIELD AND SIMULATION STUDY	Dr. S. K. Tripathi	Prof. Gerrit Hoogenboom, USA Dr. Ananta Vashisth, New Delhi Dr. Ram Niwas, Hisar	21.06.18
62	Mr. Kumar Amrit	WRDM	STUDY OF REGIONAL DROUGHT CHARACTERISTICS AND ENVIRONMENT	Dr. S. K. Mishra Dr. R. P. Pandey	Prof. Ronny Berndtsson, Sweden Prof. Eldho T. I., IIT Bombay Prof. U. C. Chaube, Indore	07.06.18

Dr.

IV Senate Approved PDC List: (Total 62 + 09 = 71 Files)

S.No.	Name	Deptt.	Topic	Supervisor	Examiner (For./Ind.)	PDC Date
63	Ms. Swati Dubey	BT	STUDIES ON PRODUCTION AND APPLICATION OF BACTERIAL CELLULOSE	Dr. R. P. Singh	Prof. Gary Dykes, Australia Prof. S. K. Khare, IIT Delhi Dr. Mukesh Pasupuleti, Lucknow	13.08.18
64	Mr. Gaurav Shukla	CE	PREDICTIVE APPROACH TO RETRIEVE SOME SOIL-LANDSCAPE PARAMETERS USING RS TOOLS	Dr. R. D. Garg Dr. P. K. Garg Dr. H. S. Srivastava	Prof. Martin Kappas, Germany Dr. S. K. Srivastava, IIRS, Dehradun Prof. Dheeraj Kumar, ISM Dhanbad	13.08.18
65	Mr. Pradeep Kumar	CSE	SIGN LANGUAGE RECOGNITION USING DEPTH SENSORS	Dr. Partha Pratim Roy	Prof. Josep Lladós, Spain Prof. Jayanta Mukhopadhyay, IIT Kharagpur Prof. Umapada Pal, ISI Kolkata	13.08.18
66	Mr. Sanjay Kumar Verma	ES	MICROBIOTA FROM EARLY CENOZOIC SEDIMENTARY SEQUENCES OF INDUS SUTURE ZONE, LADAKH HIMALAYA	Dr. A. S. Maurya Dr. Sunil Bajpai	Prof. Johannes Pignatti, Roma Dr. Sudhir Shukla, Lucknow Prof. R. Nagendra, AU Chennai	13.08.18
67	Ms. Parul Malik	HSS	IMPACT OF LEARNING ORGANIZATIONS ON EMPLOYEE RESILIENCE AND WORK ENGAGEMENT	Dr. Pooja Garg	Prof. Bahaudin Mujtaba, USA Prof. K. B. L. Srivastava, IIT Kharagpur Prof. Nachiketa Tripathi, IIT Guwahati	13.08.18
68	Ms. Nidhi Bansal	DoMS	CORPORATE GOVERNANCE, FINANCIAL PERFORMANCE & AGENCY COST IN INDIAN FIRMS	Dr. A. K. Sharma	Prof. Stuart Locke, Newzeland Prof. S. N. Rao, IIT Bombay	13.08.14
69	Mr. Mohit Kumar	DPT	PSO BASED SCHEDULING TECHNIQUES TO IMPROVE QoS PARAMETERS IN CLOUD COMPUTING	Dr. S. C. Sharma	Prof. Jemal H. Abawajy, Australia Prof. Ashutosh K. Singh, NIT Kuruksheta	13.08.14
70	Mr. Anubhav Raghav	PH	MORPHOLOGY OPTIMIZATION AND PHOTOPHYSICAL STUDY OF PEROVSKITE SOLAR CELLS	Dr. Soumitra Satapathi	Prof. Rudiger Berger, Germany Prof. Sunil K. Sharma, DU, Delhi Prof. K. Krishnamoorthy, CSIR Pune	13.08.18
71	Ms. Pragati	PH	GAMMA SPECTROSCOPY OF TRANS-LEAD NUCLEI	Dr. Ajay Y. Deo	Prof. Patrick Regan, UK Prof. Samit Kumar Mandal, DU, Delhi Prof. Maitreyee Saha Sarkar, Kolkata	13.08.18

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