# INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE ROORKEE-247 667 (INDIA) 

Minutes of the $13^{\text {th }}$ Meeting of the Senate held on $22^{\text {nd }}$ August 2005 at 11.00 A.M. in the Senate Hall of the Institute.

## INDEX

| Item No. | Particulars | Page(s) |
| :---: | :---: | :---: |
| 13.1.0 | PROCEDURAL <br> 13.1.1 To confirm the minutes of the $12^{\text {th }}$ Meeting of the Senate held on $4^{\text {th }}$ May 2005. <br> 13.1.2 To receive a report on the actions taken to implement the decisions taken by the Senate in its $12^{\text {th }}$ meeting held on $4^{\text {th }}$ May 2005. | 3 3 |
| 13.2.0 | ITEMS FOR CONSIDERATION <br> 13.2.1 To consider the draft of the Senate Manual of IIT Roorkee as recommended by the Executive Committee of the Senate (ECS). <br> 13.2.2 To consider letter dated $15^{\text {th }}$ July 2005 of Dr . (Ms) Kiran Majumdar-Shaw, Chairman \& Managing Director, Biocon Ltd., Bangalore regarding inability to receive the degree of Doctor of Sciences (Honoris Causa) in person on the occasion of $5^{\text {th }}$ Annual Convocation scheduled for $21^{\text {st }}$ September 2005. <br> 13.2.3 To consider the modified Intellectual Property Rights (IPR) Policy of IIT Roorkee. <br> 13.2.4 To consider award of degrees to the students who have qualified for the award of degrees in various disciplines/ course. | 4 <br> 4 <br> 5 <br> 5 |


|  | 13.2.5 To consider the starting of an Elective EE532: Intelligent Sensors and Instrumentation for M.Tech. and Ph.D. candidates. <br> 13.2.6 To consider the starting of new Major Elective course BT-616 in M.Sc. Biotechnology. <br> 13.2.7 To consider the qualifications for admission to Ph.D. in Irrigation Water Management at the Department of Water Resources Development \& Management. <br> 13.2.8 To consider the recommendations of Departmental Research Committee meeting held on 15.07.2005 regarding conversion of status from Full-Time to Part-Time in respect of Mr. Braham Pal Singh, Research Scholar, Mathematics Department with MHRD Assistantship. <br> 13.2.9 To consider offering Major/Minor Electives for various P.G. programmes and also for Pre-Ph.D. courses in the Electrical Engineering Department. <br> 13.2.10 To consider the recommendation of Departmental Faculty Board of Earthquake Engineering Department held on May 25, 2005 regarding modification of qualifications for admission to $\mathrm{Ph} . \mathrm{D}$. programme in the department. <br> 13.2.11. To consider the Academic Curriculum, methodology, fee structure, intake, Budget, etc. of the proposed Part Time MBA programme at DPT, Saharanpur as requested by the DPT. <br> 13.2.12 To consider the recommendations of the Committee constituted vide Letter No.ACD/8805/notice dated 8.8.2005 to reconsider mercy appeals of the students whose registrations have been terminated during the Spring Semester 2004-05. | 6 <br> 6 <br> 6 <br> 6 |
| :---: | :---: | :---: |


| 13.3 .0 | REPORTING ITEMS <br> 13.3.1 To report that the Chairman of the Senate häs approved a marginal case of shortage of attendance in respect of Mr. Akhil Kakkar, B.Tech. (Elect.) IV year (Enrolment No. 010201 ) during the Spring Semester 200405, in the subject EE-523: Process Instrumentation \& Control. <br> 13.3.2 To report the recommendations of the screening committee for Distinguished Alumni Award2005. <br> Under any other item: <br> 13.2.13 To consider the issue of performing the duties of the Acting Head of the Department during the absence of the incumbent. | 8 <br> 9 <br> 9 |
| :---: | :---: | :---: |
|  | Appendix 'A' - Senate Manual <br> Appendix ' B '- List of students who have qualified for the award of degrees <br> Appendix ' C ' - List of Medals which will be awarded to the UG \& PG students <br> Appendix 'D' - Elective EE-532 <br> Appendix ' $E$ '- Major Elective Course BT-616 <br> Appendix ' $F$ ' - Major/Minor Electives for various courses in Electrical Engg. Deptt. <br> Appendix ' $G$ ' - Recommendations of the committee constituted to reconsider mercy appeals of the students whose registration were terminated during the Spring Semester 2004-2005. | $\begin{gathered} \hline 11-49 \\ 50-79 \\ 80 \\ \\ 81 \\ 82 \\ 83-92 \\ 93-94 \end{gathered}$ |

## Minutes of the $13^{\text {th }}$ Meeting of the Senate held on $22^{\text {nd }}$ August 2005 at 11.00 A.M. in the Senate Hall of the Institute.

The following were present:

1. Prof. Prem Vrat, Director - Chairman
2. Prof. R. Shankar
3. Prof. G. S. Randhawa
4. Prof. H.S. Dhaliwal
5. Prof. I.M. Mishra
6. Prof. Bikash Mohanty
7. Prof. A.K. Jain (Chemistry Department)
8. Prof. G. Bhattacharjee
9. Prof. R.N. Goyal
10. Prof. Ravi Bhushan
11. Prof. A.N. Garg
12. Prof. Anil Kumar
13. Prof. (Mrs.) Mala Nath
14. Prof. A.K. Singh
15. Prof. M.K. Mittal
16. Prof. H.C. Mehndiratta
17. Prof. N.M. Bhandari
18. Prof. V.K. Gupta
19. Prof. (Mrs.) Renu Bhargava
20. Prof. P.K. Garg
21. Prof. Ashwani Kumar
22. Prof. H. R. Wason
23. Prof. H. Sinvhal
24. Prof. V.N. Singh
25. Prof. S.S. Srivastava
26. Prof. A.K. Pachauri
27. Prof. H.K. Verma
28. Prof. R.N. Mishra
29. Prof. Pramod Agarwal
30. Prof. R.P. Agarwal
31. Prof. D.K. Mehra
32. Prof. R.C. Joshi
33. Prof. A.K. Sarje
34. Prof. A.K. Saxena
35. Prof. (Ms) Kum Kum Garg
36. Prof. S.N. Sinha
37. Prof. Padam Kumar
38. Prof. D.C. Singhal
39. Prof. (Ms) Asha Kapoor
40. Prof. (Ms) Renu Rastogi
41. Prof. J.S. Upadhyay
```
    42. Prof. V.P. Singh
    43. Prof. Satish Kumar
    44. Prof. V.K. Nangia
    45. Prof. G. S. Srivastava
    46. Prof. (Mrs.) R.R. Bhargava
    47. Prof. S.P. Sharma
    48. Prof. T.R. Gulati
    49. Prof. (Ms) Rama Bhargava
    50. Prof. R. C. Mittal
    51. Prof. V.K. Katiyar
    52. Prof. Pradeep Kumar
    53. Prof. S. Ray
    54. Prof. P.K. Ghosh
    55. Prof. Sushil Auluck
    56. Prof. G.S. Singh
    57. Prof. Rajesh Srivastava
    58. Prof. S.K. Tripathi
    59. Prof. Nayan Sharma
    60. Prof. Ram Pal Singh
    61. Prof. Karmeshu, JNU, Delhi
    62. Prof. N.K. Gupta, IIT Delhi
    63. Mr. Arun Kumar, Head, AHEC
    64. Mr. Yogendra Singh, Librarian
    65. Dr. R.P. Singh, Chief Warden, Ravindra Bhawan
    66. Dr. Praveen Kumar
    67. Dr. A.K. Saraf
    68. Dr. (Mrs.) Sunita Gakkhar
    69. Dr. Anjan Sil
    70. Lt. Col. (Retd.) A.K. Srivastava, Registrar - Secretary
```

The Chairman welcomed the members to the $13^{\text {th }}$ Meeting of the Senate, especially Prof. Karmeshu, Professor \& Dean, School of Computers \& Systems Sciences, Jawaharlal Nehru University, Delhi and Prof. N.K Gupta Department of Applied Mechanics, Indian Institute of Technology Delhi, who were attending the meeting of the Senate for the first time.

Before taking up the agenda items, the Senate thanked the undermentioned outgoing members and recorded its appreciation for their valuable contribution in the meetings of the Senate.

1. Prof. A.K. Pant, Department of Electrical Engineering.
2. Prof. S. Sarkar, Department of E\&CE.
3. Prof. A.M.C. Srivastava, Department of Civil Engineering.
4. Prof. S.K. Kaushik, Department of Civil Engineering.
5. Prof. K.N. Agarwal, Department of Mechanical \& Industrial Engg.
6. Prof. T.K. Bhatattacharya, Department of Mechanical \& Industrial Engg.
7. Prof. S.R. Gupta, Department of Mechanical \& Industrial Engineering.
8. Prof. D.B. Goel, Department of Metallurgical and Materials Engineering. 9. Prof. H.G. Sharma, Department of Mathematics.

The Senate recorded the apologies received from the following members for not attending the meeting:

1. Prof. H.O. Gupta, Department of Electrical Engineering
2. Prof. Gopal Chauhan, Department of W.R.D. \& M
3. Prof. D.K. Paul, Department of Earthquake Engineering
4. Prof. S.S. Jain, Department of Civil Engineering
5. Prof. Pashupati Jha, Department of Humanities $\&$ Social Sciences
6. Prof. Arvind Kumar, Department of Civil Engineering
7. Prof. S.P. Gupta, Department of Electrical Engineering
8. Prof. A.K. Awasthi, Department of Earth Sciences
9. Prof. A.K. Ray, Department of Paper Technology

The agenda was then taken up.

### 13.1.1 To confirm the minutes of the $12^{\text {th }}$ Meeting of the Senate held on $4^{\text {th }}$ May 2005.

The minutes of the $12^{\text {th }}$ Meeting of the Senate held on $4^{\text {th }}$ May 2005 were confirmed as circulated.
13.1.2 To receive a report on the actions taken to implement the
decisions taken by the Senate in its $12^{\text {th }}$ Meeting held on
$4^{\text {th }}$ May 2005 .

The Senate noted the actions taken on the decisions taken by the Senate in its $12^{\text {th }}$ Meeting held on $4^{\text {th }}$ May 2005 with the following observation:

> 12.2.13 To consider the issue regarding changeover from the four year B.Tech. Programme to the Dual Degree Programme.
> The modified Regulation No. 13 (2) pertaining to the Dual Degree Programme will be implemented from the session 2006-07, as the original regulations have already been published in the JEE Brochure for the session $2005-06$.

## ITEMS FOR CONSIDERATION:

### 13.2.1 To consider the draft of the Senate Manual of IIT Roorkee as recommended by the Executive Committee of the Senate (ECS).

At the outset, Prof. I.M. Mishra, Chairman of the Committee briefed the house and highlighted the salient features of the Senate Manual. He clarified the points raised on the floor by certain members. The Senate deliberated over the draft of the Senate Manual and incorporated certain changes, made certain additions and corrected certain clauses of the Manual. The Senate also desired that the Senate Manual should contain two more chapters on: (a) enquiry into and disposal of cases of use of unfair means by the students (b) the structure of the mercy appeals process, which should include the procedure of making mercy appeals, the processing of mercy appeals, and their disposal at the appropriate level.

The suggestions made by the Senators were noted and it was ruled by the Chairman that the two chapters will be incorporated in the Senate Manual after approval of the same by the Senate. For the present, the Senate Manual as modified by the Senate (Appendix ' $A$ '), may be placed before the Board of Governors for approval.
13.2.2 To consider letter dated $15^{\text {th }}$ July 2005 of Ms. Kiran Majumdar-Shaw, Chairman \& Managing Director, Biocon Ltd., Bangalore regarding inability to receive the degree of Doctor of Sciences (Honoris Causa) in person on the occasion of $5^{\text {th }}$ Annual Convocation scheduled for $21^{\text {st }}$ September 2005.

The Senate considered the letter dated 15th July 2005 from Dr. (Ms.) Kiran Majumdar Shaw, regarding her inability to receive the degree of Doctor of Sciences (Honoris Causa) in person on the occasion of $5^{\text {th }}$ Annual Convocation scheduled on $21^{\text {st }}$ September 2005, and decided that the award of the Honoris Causa degrees to Dr. (Ms) Kiran Majumdar Shaw be admitted in absentia, and to Mr. Rahul Bajaj, in person.

Further, the Senate decided that the Honoris Causa Degree may be presented to Dr. (Ms) Kiran Majumdar Shaw later, during a planned visit to Roorkee, as per her convenience.

### 13.2.3 To consider the modified Intellectual Property Rights (IPR) Policy of IIT Roorkee.

At the outset, Prof. P.K. Ghosh, Professor-in-Charge, IPR Cell presented the modified Intellectual Property Rights (IPR) Policy of IIT Roorkee before the house. He clarified the points raised on the floor by certain members. After protracted discussion, the Senate RESOLVED that the members of the Senate should send their suggestions with regard to the discrepancies, inconsistencies, additions, deletions etc. to Prof. P.K. Ghosh, Professor-in-Charge IPR Cell within one week. Prof: Ghosh may incorporate the suggestions considered appropriate, and modify the IPR Policy, accordingly. The Senate authorised the Chairman, Senate to approve the modified IPR Policy on behalf of the Senate, and desired that the same be placed before the Board of Governors for consideration/ approval.

The Senate further RESOLVED that the IPR Policy may be reviewed after every three years or earlier, if a major change in the same takes place at the National Level.

### 13.2.4 To consider award of degrees to the students who have qualified for the award of degrees in various disciplines/ course.

RESOLVED that the award of degrees to the students who have qualified for the award of degrees in various disciplines/courses (Appendix ' $\mathbf{B}$ ') be approved as under:

| S1. <br> No. | Name of the degrees | Number of <br> Degrees |
| :---: | :--- | :---: |
| 1. | B.Tech./B.Arch. | 384 |
| 2. | M.Tech./M.Arch./M.U.R.P./M.Sc./MCA/ <br> MBA/M.Phil./M.Tech.(ES)/M.Tech.(SSEM) | 568 |
| 3. | Ph.D. | 40 |
|  | Total | $\mathbf{9 9 2}$ |

FURTHER RESOLVED that the Chairman, Senate be authorized to approve the award of degrees to such candidates, whose results are declared after the meeting of the Senate, but before the date of Convocation i.e. $21^{\text {st }}$ September 2005.

STILL FURTHER RESOLVED that the medals which will be awarded to the UG \& PG students be approved as given at Appendix 'C'. The Chairman of the Senate be authorised to approve the award of the remaining medals, on behalf of the Senate. The same be reported to the Senate.
13.2.5 To consider the starting of an Elective EE-532: Intelligent
Sensors and Instrumentation for M.Tech. and Ph.D.
candidates.

RESOLVED that as considered and recommended by the BPGS\&R, the modified course of an Elective EE-532: Intelligent Sensors and Instrumentation for M.Tech. and Ph.D. candidates as given at Appendix ' $\mathbf{D}$ ' be approved. This will be effective from the session 2005-2006 (Spring Semester).
13.2.6 To consider the starting of new Major Elective course BT616 in M.Sc. Biotechnology.

RESOLVED that as considered and recommended by the BPGS\&R, the new Major Elective course BT-616 in M.Sc. Biotechnology as given at Appendix ' $E$ ' be approved. This will be effective from the session 2005-2006 (Spring Semester).
13.2.7 To consider the qualifications for admission to Ph.D. in Irrigation Water Management at the Department of Water Resources Development \& Management.

RESOLVED that as considered and recommended by the BPGS\&R, the under-mentioned qualification for admission to Ph.D. in Irrigation Water Management at the Department of Water Resources Development \& Management be approved:
"Master's Degree in Agricultural Sciences/ Social Sciences/ Chemical Engineering/ Biological Sciences/ Environmental Sciences/ Engineering/ Natural Sciences, with at least one paper of Mathematics at the graduate level".

FURTHER RESOLVED that the qualifications for admission to the other Ph.D. programme in Water Resource Development (WRD) in the Department of WRD\&M will remain unchanged.
13.2.8 To consider the recommendations of Departmental Research Committee meeting held on 15.07.2005 regarding conversion of status from Full-Time to Part-Time in respect of Mr. Braham Pal Singh, Research Scholar, Mathematics Department with MHRD Assistantship.

RESOLVED that as considered and recommended by the BPGS\&R, the conversion of status from Full-Time to Part-Time in respect of Mr. Braham Pal Singh, Research Scholar, Mathematics Department with MHRD Assistantship be approved w.e.f. $2^{\text {nd }}$ July 2005.
13.2.9 To consider offering Major/Minor Electives for various P.G. programmes and also for Pre-Ph.D. courses in the Electrical Engineering Department.

RESOLVED that as considered and recommended by the BPGS\&R, the following 4 credit courses as Major/Minor electives for various PG programmes and also for Pre-Ph.D. courses in Electrical Engineering Department be approved as given in Appendix ' $F$ ':

1. EE-554: Control Techniques in Power Electronics for AC Drives (3-0-2)
2. EE-555: FACTS Devices (3-1-0)
3. EE-556: Pulse Width Modulation for Power Converters (3-1-0)
4. EE-557: Switch Mode Power Supply (3-1-0)
5. EE-558: Topologies of Enhanced Power Quality AC/DC Converters (3-0-2)

These will be effective from the session 2005-2006 (Spring Semester).
13.2.10 To consider the recommendation of Departmental Faculty Board of Earthquake Engineering Department held on May 25, 2005 regarding modification of qualifications for admission to $\mathrm{Ph} . \mathrm{D}$. programme in the department.

RESOLVED that as considered and recommended by the BPGS\&R, the under-mentioned modified qualifications for
admission to the $\mathrm{Ph} . \mathrm{D}$. programme in the Department of Earthquake Engineering be approved:
(i) B. Tech. / M.Tech. or equivalent degree in Civil Engineering/ Earthquake Engineering/any branch of Engineering.
(ii) M.Sc. / M.Tech. in Geophysics/ Physics/ Mathematics/ Geology for research areas in Engineering Seismology and Seismotectonics.
13.2.11 To consider the Academic Curriculum, methodology, fee structure, intake, Budget, etc. of the proposed Part Time MBA programme at DPT, Saharanpur as requested by the DPT.

The issue was deferred for detailed discussion during the next meeting of the Senate. However, it was opined by the Chair that suggestions, if any, on the issue, may be sent to the Head, Department of Paper Technology for discussion, before the next meeting of the Senate.
13.2.12 To consider the recommendations of the Committee constituted vide Letter No.ACD/8805/notice dated 8.8.2005 to reconsider mercy appeals of the students whose registrations have been terminated during the Spring Semester 2004-05.

After discussion, the Senate decided that the Chairman, Senate was always empowered to take a decision on mercy appeals and his decisions in the above cases be reported to the Senate. The same are reproduced in Appendix ' $\mathbf{G}$ '.
13.3.1 To report that the Chairman of the Senate has approved a marginal case of shortage of attendance in respect of Mr. Akhil Kakkar, B.Tech. (Elect.) IV year (Enrolment No. 010201) during the Spring Semester 2004-05, in the subject EE-523: Process Instrumentation \& Control.

Noted.

### 13.3.2 To report the recommendations of the screening committee for Distinguished Alumni Award2005.

Noted. The Distinguished Alumni Award for the year 2005 will be conferred on the under-mentioned Alumni of the Institute:

Sl. No. Name

1. Prof. A.S. Arya
2. Mr. Subodh Bhargava
3. Mr. Jai Prakash Gaur
4. Mrs. Vinita Gupta

## Category

Academics/Research
Social Sciences/Engineering 8\% Services/Public Administration

Corporate Development/ Administration/ Entrepreneurship

Corporate Development/ Administration/Entrepreneurship

## Under any other item:

13.2.13 To consider the issue of performing the duties of the Acting Head of the Department during the absence of the incumbent.

The issue of performance of duties of the Acting Head of the Department during the absence of the incumbent was raised by the Chairman, and the Senate re-affirmed the provision given in the Statutes, which states as under:

22 (1) Each Department of the Institute shall be placed in charge of a Head who shall be selected by the Director from amongst the Professors and Associate Professors in such manner as may be laid down by the Board from time to time.

Each Centre/School/ Service Centre of the Institute shall be placed in charge of a Head who shall be selected by the Director from amongst the Professors/ Associate Professors, Chief Scientific Officers/ Principal Scientific Officers, Chief Design Engineers/ Principal Design Engineers in the Centre/ School/ Service Centre or in a cognate Department / Centre/ School in such manner as may be laid down by the Board from time to time.

Provided that when in the opinion of the Director the situation so demands, the Director may himself take temporary charge of an Department/ Centre/ School /Service Centre or place it under the charge of the Deputy Director or a Professor from another Department/ Centre for a period not exceeding six months.

It was then resolved that the Acting Head could only be a Professor from the Professorial Committee, and in the absence of all the Professors, an Associate Professor from the Department.

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

## SENATE MANUAL



INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE ROORKEE-247667, INDIA

## CHAPTER I

The Senate: Constitution, Duties and Responsibilities, Meetings

### 1.1 Preamble

The Institutes of Technology Act, 1961 (hereinafter referred to as the Act) and the Statutes of the Indian Institute of Technology, Roorkee [hereinafter referred to as the 'Statutes'] define and delineate the duties, powers and privileges of the Senate [Sections 14, 15,28,29 of the Act and Statute 5: - Membership: Section 14 of the Act and Statute 5(1); Functions and Powers: Section 15 of the Act and Statute 5(2)]. Relevant sections of the Act and Statutes have been extracted and provided as Appendices I and II to this Manual, for ready reference. Provisions from the Appendix are frequently repeated and quoted in the main body of the text of this Manual for completeness and clarity.

The Senate is primarily concerned with the academic affairs of the Institute encompassing faculty and such Research Scientists as are engaged in teaching/ research, and instructional matters (Section 15 of the Act).

### 1.2 The Ordinances of the Institute

In accordance with Section 29 of the Act, the Ordinances of the Institute shall be made by the Senate and individual Ordinances shall become effective on dates specified by the Senate for such purpose. However, all Ordinances enacted by the Senate shall be submitted, as early as possible, for the consideration of the Board of Governors (BOG) which shall have the power by resolution to cancel or modify any such Ordinances, and such ordinances shall stand cancelled or modified, as the case may be, from the date of such resolution. Vide Section 28 of the Act the Ordinances may provide for all or any of the following matters, namely:-
(a) the admission of the students to the Institute;
(b) the courses of study to be laid down for all degrees and diplomas of the Institute;
(c) the conditions under which students shall be admitted to the degree or diploma courses and to the examinations of the Institute, and shall be eligible for degrees and diplomas;
(d) the conditions of award of the fellowships, scholarships, exhibitions, medals and prizes;
(e) the conditions and mode of appointment and duties of examining bodies, examiners and moderators;
(f) the conduct of examinations;
(g) the maintenance of discipline among the students of the Institute; and
(h) any other matter which by this Act or the Statutes is to be or may be provided for by the Ordinances.
1.3. The duties, responsibilities and powers of the Senate and the
procedure to conduct Senate Meetings:
1.3.1 The duties, responsibilities and powers of the Senate are given in Section 15 of the Act and amplified in the Statute 5(2). These duties, responsibilities and powers are exercised by the Senate itself and/or through the following bodies/committees, namely:-
(i) The Executive Committee of the Senate;
(ii) The Boards, Standing Committees and Advisory Committees of the Senate; and
(iii) The Academic Departments and Centres, including their Boards/Committees.
1.3.2 The Director shall be the ex officio Chairman of the Senate and, if present, shall preside over all meetings of the Senate. In his absence the Deputy Director shall preside and in the absence of both the Director and the Deputy Director, the senior-most Professor amongst the Deans present shall preside at the meeting (Statute 5(6)). The Registrar shall act as the Secretary of the Senate (Section 19(2) of the Act).
1.3.3 The Senate shall meet as often as necessary but not less than four times during a calendar year (Statute 5(3)).
1.3.4 Meetings of the Senate shall be convened by the Chairman of the Senate either on his own initiative or on a requisition signed by not less than $20 \%$ of the members of the Senate.

A requisitioned meeting shall be a special meeting to discuss only those items of Agenda for which requisition is made. The requisitioned meeting shall be convened by the Chairman of the Senate on date and time convenient to him within 15 days of the notice given for such a requisition (Statute $5(4)$ ).
1.3.5 One third of the total number of members of the Senate shall form a quorum for a meeting of the Senate (Statute 5(5)).
1.3.6 A written notice for every meeting, together with the agenda shall be circulated by the Registrar to the members (excluding those currently away from the Institute on lien/leave ex-India) of the Senate at least a week before the meeting. The Chairman of the

Senate may permit inclusion of any item for which due notice could be given (Statute 5(7)).
1.3.7 Notwithstanding the provisions of sub-Statute $5(7)$, the Director may call an emergency meeting of the Senate at short notice to consider urgent special issues.
1.3.8 The ruling of the Chairman of the Senate in regard to all questions of procedure shall be final.
1.3.9 The minutes of the proceedings of a meeting of the Senate shall be drawn up by the Secretary of the Senate with the approval of the Chairman of the Senate and circulated to all the members of the Senate present in India inviting their comments/ amendments to the same. The minutes alongwith amendments, if any suggested, shall be placed for confirmation at the next meeting of the Senate. After the minutes are confirmed and signed by the Chairman of the Senate, they shall be recorded in the minute book which shall be kept open for inspection of the members of the Senate, the Board of Governors and the Council of the IITs at all times during office hours. (Statute 5(10)).
1.3.10 The Senate shall nominate two professors of the Institute who shall serve as representatives of the Senate on the Board of Governors (Section 11 (e) of the Act). The professors absent from the Institute on 'lien/leave' shall, however, not be considered for nomination. The procedure for nomination to the Board by the Senate is outlined in Chapter IV of the Senate Manual.

## CHAPTER II

## THE EXECUTIVE COMMITTEE, BOARDS AND STANDING COMMITTEES OF THE SENATE- GENERAL PROVISIONS

2.1 Subject to its overall superintendence and control, the Senate shall define and delineate the duties and powers of its Executive Committee(ECS), its Boards, Standing Committees and Advisory Committees, and shall hold these Committees and Boards answerable and responsible for the performance of their duties and the exercise of their powers.
2.2 Ordinarily, the Executive Committee, Boards, Standing Committees and Advisory Committees are responsible to the Senate. However, the Chairman, Senate may assign additional duties to any of the Boards/ Committees, and in the discharge of such additional duties, the Board/ Committees shall be answerable only to the Director.
2.3 The Executive Committee, Boards, Standing Committees and Advisory Committees currently recognized by the Senate are as follows:-
(1) The Executive Committee of the Senate (ECS);
(2) The Boards:-
(i) Board for Undergraduate Studies (BUGS);
(ii) Board for Postgraduate Studies \& Research (BPGS\&R);
(iii) Board for Sponsored Research \& Industrial Consultancy (BSRIC);
(3) Advisory Committees:
(i) Library Advisory Committee (LAC);
(ii) Students Affairs Council (SAC).

Besides, the Academic Departments/Centres running or contributing in running academic programmes shall have the following Boards/Committees:
(i) Departmental/Centre's Faculty Board (DFB/CFB);
(ii) Departmental/Centre's Research Committee (DRC/CRC);
(iii) Departmental/Centre's Undergraduate Committee (DUGC);
(iv) Departmental/Centre's Professorial Committee (DPC/ CPC).

The DRC/CRC and DUGC shall be the sub-committees of the $\mathrm{DFB} / \mathrm{CFB}$ and shall have faculty members serving as their members.
2.4 The Executive Committee, Boards, Standing Committees and the Advisory Committees shall be composed of members of the Senate,
other members of the Faculty of the Institute, duly registered students of the Institute and experts from outside the Institute, who may be nominated by the Senate or nominated/ elected by different bodies of the Faculty/ Students in accordance with procedures that may be laid down by it from time to time.
2.5 For the purpose of the Senate procedure a member of the Faculty/teacher/Scientific and Design Staff shall mean a "person" belonging to the teaching and/or research staff working full-time in the Institute. In the case of a "person" holding a position not clearly identifiable as above, the Senate shall decide whether he will be a member of the Faculty for the purposes of Senate procedures.
2.6 The Senate may appoint such other committees (both permanent and adhoc) as may be necessary, to carry out specific tasks that may be laid down by the Senate (sub-Statute 5(2) (d) \& (e)). The members of such committees shall be nominated from amongst the members of the Senate, other teachers of the Institute, duly registered students of the Institute, and experts from outside the Institute in accordance with the procedures that may be laid down by the Senate from time to time.
2.7 The constitution and tenure of members of the Boards and other Committees of the Senate shall be such as may be specified in Chapter III of the Senate Manual. The terms of office of all members, except student- members, on Boards/ Committees / Advisory Committees of the Senate shall commence on the first day of July of the academic year in which they are nominated. A replacement, if any, in any vacancy for any reason whatsoever, shall serve from the date of his/her appointment on the Board/ Committee concerned until the end of the tenure of the member he/she has replaced. The term of office of student-members on Boards/ Committees of the Senate shall commence from the date of their nomination/ election till the $30^{\text {th }}$ June of the next Calendar year or till he is registered in the Institute, whichever is earlier. The membership to any Board/ Committee shall be coterminous with that of the Board/Committee.
2.8 The Chairmen and members of the Boards/Committees of the Senate shall be appointed according to the procedure outlined in Chapter IV of the Senate Manual for each Board/Committee. The Chairmans shall preside over the meetings of their respective Boards/ Committees.
2.9 The Secretaries of all Boards/Committees, excepting Departmental/ Centre's Boards and Committees, shall submit to the Senate the minutes of the proceedings of the meetings of their respective Boards/Committees after they have been confirmed by the concerned Boards/Committees. Any recommendation requiring specific consideration/approval of the Senate shall be submitted as a separate item highlighting the recommendations of the concerned Board/Committee.

## CHAPTER III

## THE EXECUTIVE COMMITTEE/BOARDS/COMMITTEES CONSTITUTION, DUTIES AND RESPONSIBILITIES

### 3.1 The Executive Committee of the Senate (ECS)

3.1.1 The Executive Committee of the Senate (ECS) shall consist of the following, namely: -
(a) The Director (ex officio), Chairman;
(b) The Deputy Director (ex officio);
(c) All Deans of the Institute (ex officio);
(d) All Heads of the Departments/ Academic Centres/ Service Centres (ex officio);
(e) The Librarian (ex-officio);
(f) The Registrar (ex-officio), Secretary.

### 3.1.2 Duties \& Responsibilities

3.1.2.1 The ECS has the following duties and responsibilities, namely:-
(i) to assist the Director in formulating mechanism for executing policy decisions taken by the Senate;
(ii) to discuss matters within the purview of the Senate on which the Director desires its advice;
(ii) to make recommendations on matters that are referred to it by the Boards and/or Committees of the Senate for the consideration and approval of the Senate;
(iv) to act as the "Nomination Committee" to recommend to the Senate the names of Senate members who shall serve as Senate nominees on its various Boards, Standing Committees and Advisory Committees. The ECS shall also recommend the names of such eminent persons to the Senate, who may be considered for the conferment of the Doctorate (Honoris Causa) degree and the Distinguished Alumnus Award.
3.1.2.2 The ECS shall meet as and when necessary at the discretion of the Chairman. Fifty percent of its members shall form the quorum for its meetings.

### 3.2 Boards

### 3.2.1 Board for Undergraduate Studies (BUGS)

3.2.1.1 There shall be a Board for Undergraduate Studies (BUGS), which shall consist of the following, namely:-
(i) The Dean, Undergraduate Studies (ex officio) Chairman;
(ii) The immediate past Dean, Undergraduate Studies (ex officio);
(iii) The Dean, Post Graduate Studies and Research (ex officio);
(iv) Two Senate nominees;
(v) One representative of each Academic Department organizing Undergraduate Programmes nominated by the Faculty Board and also the Departments/Academic Centres contributing to UG Teaching but not having an UG Programme;
(vi) The Chairman JEE (ex officio);
(vi) Three Students Representatives (nominated by the Dean of Students Welfare);
(vii) Asstt. Registrar (UGS), Secretary (ex officio).
3.2.1.2 The Board for Undergraduate Studies shall normally have a term of two years, commencing from the first day of July of the year it has been constituted. The term of office of the nominated members on BUGS shall be coterminous with that of the BUGS.
3.2.1.3 The term of membership of the student representatives under 3.2.1.1 (vi) above shall commence from the date they have been nominated till $30^{\text {th }}$ day of June following or one year, which ever is earlier.
3.2.1.4 In case of any vacancy in the membership, the nominating authority shall nominate a person for the remainder of the term of the vacancy.
3.2.1.5 The Board of Undergraduate Studies (BUGS) shall continue to function on the expiry of its term until a new Board is constituted by the Senate:

Provided that the period of extension shall, in no case, exceed three months.
3.2.1.6 The BUGS shall meet as and when necessary but not less than two times in a Semester, and that $50 \%$ of its members shall form a quorum for its meetings.

### 3.2.1.7 Duties \& Responsibilities of BUGS

Subject to the approval and overall superintendence and control of the Senate, the BUGS shall:-
(i) have power and jurisdiction on all matters concerning the Undergraduate (UG) and 5-year integrated (dual degree and single degree Master's) Programmes of the Institute:

Provided that the Project, Seminar and Dissertation during the fifth year of the 5 -year integrated programme for those students who have cleared all their UG course requirements, shall be dealt with by the Board for Post Graduate Studies and Research (BPGS\&R).
(ii] consider and make recommendations to the Senate/ or the Director, as the case may be, on :-
(a) the starting of new academic programmes and courses of instruction, including modification/deletion/addition, if any, in the course structure and the course contents already approved;
(b) the credit valuation of courses;
(c) the conduct of all the examinations, of UG and 5-year integrated (dual degree and single degree Master's) programmes, evaluation of academic performance and the granting of degrees;

Provided that the evaluation of the Project, Seminar and Dissertation during the fifth year of the programmes for those students who have cleared all their UG course requirements shall be under the purview of the BPGS\&R.
(e) such other matters as may be referred to it by the Senate or the Director.

### 3.2.2 Board for Postgraduate Studies and Research (BPGS\&R)

3.2.2.1 There shall be a Board for Post Graduate Studies and Research (BPGS\&R), which shall consist of the following, namely:-
(i) The Dean, Postgraduate Studies and Research (Dean, PGS\&R) (ex officio), Chairman;
(ii) The immediate Past Dean, PGS\&R (ex officio);
(iii) The Dean, Undergraduate Studies (ex officio);
(iv) Two Senate Nominees;
(v) One representative of each Academic Department/ Centre organizing postgraduate programmes nominated by the Faculty Board;
(vi) The Chairman, GATE (ex officio);
(vii) Three Students' Representatives (nominated by the Dean of Students' Welfare);
(viii) Asstt. Registrar (PGS\&R), Secretary (ex officio).
3.2.2.2 The Board of Postgraduate Studies and Research (BPGS\&R) shall normally have a two year term commencing from the first day of July of the year it has been constituted. The term of office of all the members on BPGS\&R shall be conterminous with that of the BPGS\&R.
3.2.2.3 The term of membership of the student representatives under 3.2.2.1(vii) above shall commence from the date they have been nominated till $30^{\text {th }}$ day of June following or one year, which ever is earlier.
3.2.2.4 In case of any vacancy in the membership, the Director shall nominate a person for the remainder term of the vacancy.
3.2.2.5 The Board of Postgraduate Studies and Research shall continue to function on the expiry of its term until a new Board is constituted by the Senate:

Provided that the period of such extension shall, in no case, exceed three months.
3.2.2.6 The BPGS\&R shall meet as and when necessary but not less than two times in a Semester, and that $50 \%$ of its members shall form a quorum for its meetings.

### 3.2.2.7 Duties and Responsibilities of BPGS\&R

Subject to the approval and overall superintendence and control of the Senate, the BPGS\&R shall:-
(i) have power and jurisdiction on all matters concerning PG and research programmes of the Institute;
(ii) consider and make recommendations to the Senate/ or the Director, as the case may be, on:
(a) the starting of new academic programmes and courses of instructions including modification/ deletion/ addition, if any, in the course structure and the course contents already approved;
(b) the credit valuation of courses;
(c) the admission of PG and Research students;
(d) the conduct of all the examinations of the PG programmes and the Project, Seminar and Dissertation of the students of 5-year integrated programmes who have completed all
the course requirements of the UG programme, and prePh.D. courses of the research students, evaluation of the thesis/dissertation, the evaluation of academic performance and the granting of degrees; and
(e) such other matters as may be referred to it by the Senate or the Director.

### 3.2.3 Board for Sponsored Research \& Industrial Consultancy (BSRIC)

3.2.3.1There shall be a Board for Sponsored Research \& Industrial Consultancy (BSRIC), which shall consist of the following, namely:-
(i) The Dean, Sponsored Research \& Industrial Consultancy (Dean,SRIC) (ex officio) Chairman;
(ii) Immediate Past Dean, SRIC (ex officio);
(iii) One nominee (Professor/ Associate Professor/ Assistant Professor/ Scientist) of each Academic Department/Centre to be nominated by the Departmental/ Centres' Faculty Board;
(iv) Two nominees of the Senate;
(v) Two representatives of the Industry (to be nominated by the Director);
(vi) One Representative of the Funding Agencies (to be nominated by the Director);
(vii) The Asstt. Registrar (SRIC), Secretary (ex officio).
3.2.3.2 The BSRIC shall have a term of two years commencing from the first day of July of the year in which the Board has been constituted. The term of office of all the members shall be coterminous with that of the Board. In case of any vacancy in the membership, the Director shall nominate a person for the remainder term of the vacancy.
3.2.3.3 The Board shall meet as and when necessary but not less than two times in a Semester and that $50 \%$ of its members shall form a quorum for its meetings.
3.2.3.4 The BSRIC shall continue to function on the expiry of its term until a new BSRIC is constituted by the Senate:

Provided that such an extension shall, in no case, exceed three months.

### 3.2.3.5 Duties \& Responsibilities:

Subject to the approval and over all superintendence and control of the Senate, the BSRIC shall
(i) have jurisdiction on all matters pertaining to sponsored research and consultancy in the Institute;
(ii) advise the Dean, SRIC on policy matters and shall make recommendations on any matter referred to it by the Director and the Senate;
(iii)prepare, review and update the regulations and guidelines needed for the implementation and administration of sponsored research, training programmes and intellectual property rights, and to make its recommendations to the Senate.

### 3.3 Advisory Committees

### 3.3.1 Library Advisory Committee(LAC)

3.3.1.1 There shall be a Library Advisory Committee (LAC), which shall consist of the following, namely:-
(i) A Senior Professor to be nominated by the Director as Chairman;
(ii) One faculty representative/ Scientist from each Academic Department/ Centre;
(iii) Three representatives each from the Undergraduate (UG), Postgraduate (PG) programmes, and research scholars to be nominated by the Students Affairs Council (SAC);
(iv) The Librarian - Member Secretary (ex officio).
3.3.1.2 The LAC shall have the term of two years commencing from the first day of July of the year it has been constituted. The membership of the LAC shall be conterminous with that of the LAC. However, the student members shall serve from the date they have been nominated for a term of one year or till the following June 30, which ever is earlier. In case of any vacancy, the nominating authority shall nominate a person for the remainder term of the vacancy.
3.3.1.3 The committee shall meet at least four times in an academic year and that $50 \%$ of its members shall form a quorum for its meetings.

### 3.3.1.4 Duties and Responsibilities

Subject to the approval and overall superintendence and control of the Senate, the LAC shall
(i) consider policy matters regarding Central Library / Departmental Libraries to make the Central Library and the Departmental Libraries knowledge repositories for smooth and quick access to and retrieval of knowledge and data bases either available freely or on subscription. The LAC shall also formulate the policy for procurement of books and journals including e-journals, databases, softwares, etc. and to render advice to the Purchase Committee for Library procurements;
(ii) look in to the problems of the library users and library staff, and take such actions as it deems necessary including the making of recommendations to the Senate / the Director for consideration and direction.
(iii) supervise the allocation and utilization of funds for different Academic Departments/ Centres for the purchase of books and journals for the Central and Departmental Libraries;
(iv) maintain liaison between Central Library and various Academic Departments/ Centres for the networking of the Departmental Libraries with the Central Library;
(v) consider the views of the faculty members regarding knowledge accessibility, and transfer, selection, subscription and purchase of books/ journals, etc. and to take such actions as are deemed necessary;
(vi) consider the views of the students, including research students regarding the functioning of the Library and their problems, if any, and to take remedial and corrective actions thereon;
(vii) consider and make recommendations on all such matters as are referred to it by the Senate and/ or its various Boards/ Committees, or the Director and to take actions thereon, if any.

### 3.3.2 Student Affairs Council (SAC)

3.3.2.1 There shall be a Students Affairs Council of the Institute which shall function under the overall supervision and control of the Senate of the Institute.
3.3.2.2 The Students Affairs Council shall be a joint student-faculty Standing committee, which shall be governed by its own constitution subject to such conditions as may be imposed by the Senate or the Board of Governors. The SAC shall derive all its powers from the relevant authorities of the Institute.
3.3.2.3 The Students Affairs Council (SAC) shall consist of the following, namely:
(i) The Director, who shall be the Chairman, ex officio;
(ii) The Deputy Director, ex officio;
(iii) The Dean of Students' Welfare (DOSW), ex officio;
(iv) The Immediate Past DOSW;
(v) The Dean(UGS), ex officio;
(vi) The Dean(PGS\& \%R), ex officio;
(vii) The Associate Dean of Students' Welfare, ex officio;
(viii) The Associate Dean of Students' Welfare (Discipline), ex officio;
(ix) The Foreign Students Advisor, ex officio;
(x) The Faculty Advisor SC/ST Cell, ex officio;
(xi) The Chief Advisers of Functional Bodies, ex officio;
(xii) The Secretaries of Functional Bodies, ex officio;
(xiii) The Bhawan Secretaries, ex officio;
(xiv) The Mess Secretaries, ex officio;
(xv) The Representatives of Married Students Hostels (2);
(xvi) Two Chief Wardens to be nominated by the Director on the recommendations of the Dean of Students' Welfare;
(xvii) Two nominees of the Senate of the Institute;
(xviii) The General Secretary of the Students Affairs Council who shall be elected from amongst the student members of the SAC;
(xix) The Deputy/ Assistant Registrar (Students Affairs).
3.3.2.4 The term of appointment of members other than ex-officio members, i.e. elected and nominated members, shall commence from the date of their appointment to the SAC and shall expire on June 30 of the next Calendar year or till the date of continuous registration of the student, which ever is earlier.

### 3.3.2.5 The Functions and Responsibilities of the SAC

(a) The SAC shall be a collective forum for the presentation of the views of the students of IIT, Roorkee on any issue which may be of collective concern to them i.e. welfare, discipline, etc. The SAC shall discuss such issues and make its recommendations to the relevant authorities and the officers of the Institute for consideration and decision, if any.
(b) The SAC shall oversee the overall policy formulation, coordination and review of all students affairs which are of cocurricular nature, students housing and related matters in terms of the powers vested in the Senate vide Statute 5 (2) (j). The SAC shall derive its powers from the delegation of powers by the Senate subject to its approval and overall superintendence and control;
(c) The Council shall consider and ratify the constitutions of its constituent bodies and subsequent amendment by a $2 / 3$ rd majority of the 'Effective Strength' which means the strength of the entire Council, excluding the faculty members who may participate in the discussion but shall abstain from voting. If no ratification is accorded, the matter will be referred back to the constituent bodies for reconsideration in the light of the comments of the Council.
(d) The Council shall have the authority to institute and recognise a new functional body and/or a committee or to reorganise an existing one. This shall require a $2 / 3^{\text {td }}$ majority vote of the Council members present at the Council meeting.
(e) The finalization of the annual Budget and allocation of budget to various functional constituent bodies shall be done by the Executive Committee of the SAC at the end of the previous academic session. These allocations, if deemed necessary, may be modified and approved within twenty one days of the commencement of the new session.
(f) Whenever deemed necessary, the Council may audit accounts of any or all of its constituents bodies/ Committees.
(g) The Council shall normally refrain from interfering in the affairs of its constituent bodies, but may consider and review some policies or decisions of a particular body which seem to be detrimental to the interest of the student community.

### 3.3.2.6 The Executive Committee of the SAC

The SAC shall have an Executive Committee which shall consist of the following, namely:-

1. the Dean of Students' Welfare, ex officio, who shall be the Chairman;
2. the Associate Deans of Students' Welfare, ex officio;
3. the Foreign Students Advisor, ex officio;
4. two Chief Wardens of Bhawans, ex officio;
5. the Chief Advisers of concerned activities, ex officio;
6. three students (nominees of SAC);
7. the Deputy/ Assistant Registrar (Students' Affairs), ex officio;
8. the General Secretary (Students' Affairs), who shall be the Convener.

## Functions of the Executive Committee

3.3.2.7 The Executive Committee shall take executive decisions on matters which are not considered sufficiently important to require an immediate meeting of the SAC: Provided that such decisions must be reported to the next meeting of the SAC for its consideration and approval. Any decision taken by the Executive Committee shall cease to be in operation if it is not approved or if it is modified by the SAC.
3.3.2.8 The Executive Committee (EC) of the SAC shall oversee the functions of the Students Senate and other constituent bodies of the SAC. At present the following committees are recognized by the EC of the SAC, namely:-
(i) the Discipline Committee (DC);
(ii) the Students Senate (SS);

## DISCIPLINE COMIMITTEE

3.3.2.9 The Students Affairs Council shall have a committee on students discipline, which shall consist of the following, namely:-

1. the Associate Dean of Students Welfare(Discipline), ex-officio, who shall be the Chairman;
2. the Foreign Students' Adviser, ex officio;
3. Three Faculty Advisers to be nominated by the Dean of Students' Welfare, ex officio;
4. Two Chief Wardens to be nominated by the Dean of Students' Welfare, ex officio;
5. Three Student Nominee of the SAC, to be nominated by the students Senate of SAC;
6. the Deputy / Assistant Registrar (Students Affairs);
7. the General Secretary (Students Affairs).

## Functions

3.3.2.10 The Discipline Committee shall enquire and investigate any matter involving students discipline and suggest suitable actions and submit the report to the Executive Committee of the SAC for further necessary actions as per existing regulations of the Institute.

## STUDENTS SENATE

3.3.2.11 The Students Senate for UG, PG and Ph.D. students/ candidates shall consist of the following , namely:-
(1) All Counsellors (one for every 100 students or major part of 100 , elected by the Students, Bhawan wise);
(2) All Bhawan Secretaries (one for each Bhawan);
(3) All Mess Secretaries (one for each Bhawan);
(4) All Secretaries of other Functional Bodies of SAC.

## Functions of the Students Senate

3.3.2.12 The Students Senate shall perform the following duties and functions, namely:-
(a) to prepare budget and present audited accounts through its Executive Committee for consideration and approval of the SAC;
(b) to organise activities of common interest of students community;
$\odot$
(c) to suggest amendments to the constitution for consideration of the SAC through General Body of the Students;
(d) to constitute study groups to consider matters pertaining to students' welfare;
(e) to promote and maintain good behaviour and discipline amongst students' community;
(f) to consider any matter referred to it by the SAC and other authorities of the Institute.

## Tenure of the Students Senate

3.3.2.13 The tenure of the Senate shall commence from the date it has been constituted and shall last on June 30 following.
3.3.2.14 (a) The Executive Committee of the Students Senate shall consist of the following members elected from amongst the members of the Students Senate, namely:
(i) the General Secretary;
(ii) the Joint Secretary;
(iii) the Treasurer;
(iv) Four Members.
(b) The Dean of Students' Welfare or his nominee and Proctor shall be the Advisers to the Students Senate.

## Formation of the Students Senate

3.3.2.15 Formation of the Students Senate and its Executive Committee for a given academic session shall be finalised in the Spring Semester of the previous Academic Session. The Academic Session means the period from July 1 to June 30 following.

## FUNCTIONAL BODIES OF THE SAC

3.3.2.16 The Students Affairs Council (SAC) shall have the following functional bodies, namely:-
(i) the Coordinating Committee of Bhawans (CCB);
(ii) the Students' Sports Organisation;
(iii) the Students' Club;
(iv) the Students' Hobbies Club;
(v) the Students' Cultural Society;
(vi) the Students' Cinema Club;
(vi) the Himalayan Explorers Club.
3.3.2.17 Each institute level functional body shall be governed by its own constitution as approved by the SAC. Whereas SAC works within a rather broad framework, these functional.bodies will concentrate on specified spheres of student activities, as per existing norms prevailing in the Institute so as to maintain a healthy and vibrant ambience for the overall development of the students personality.

## OTHER ASPECTS

3.3.2.18 Besides the constitutional structure of various bodies, the other important components of students affairs, such as infra-structure, supporting staff requirements, service conditions and financial supports for smooth functioning of the Students Affairs at this residential institute shall be such as may be decided by the Institute from time to time. For the time being, the prevailing structure of IIT Delhi shall be adopted.

## (i) COORDINATION COMMITTEE OF BHAWANS

There shall be a Coordination Committee of Bhawans which shall consist of the following, namely:-

1. the Dean of Students Welfare (DOSW) or his nominee; ex officio, Chairman;
2. the Associate Dean of Students Welfare (ADOSW), ex officio;
3. the Chief Wardens of Bhawans, ex officio;
4. the Wardens of Bhawans, ex officio;
5. one Mess/Stores in-charge (Manager by rotation), ex officio;
6. the Accounts Officer/Accounts in-charge (Accountant by rotation), ex officio;
7. the Bhawan Secretaries (all Bhawans), ex officio;
8. the mess Secretaries (all Bhawans) , ex officio;
9. one Councilor representing each mess, ex officio.

A Member Secretary shall be elected by the Students Councilors or may be nominated by the Chairman.
(a) Bhawan Council (For each Bhawan)

There shall be a Bhawan Council for each Bhawan/ Students Hostel of the Institute. The Bhawan Council shall consist of the following, namely:-

1. the Chief Warden, ex officio; Chairman
2. the Warden, ex officio;
3. the Bhawan Prefect, Asstt. Warden (Residential), ex officio;
4. the Bhawan Secretary, ex officio;
5. the Mess Secretary, ex officio;
6. the Bhawan Councilors ; ex officio.
(b) Mess Working Committee (for each Bhawan)

There shall be a Mess Working Committee for each Bhawan, which shall consist of the following, namely:-

1. the Warden, Chairman, ex officio;
2. the Bhawan Prefect, Asstt. Warden (Residential), ex officio;
3. the Mess/Store in-charge, Manager;
4. the Mess Councilors, Members;
5. the Bhawan Secretary, Member,
6. the Mess Secretary, Member Secretary .

## (ii) STUDENTS SPORTS ORGANISATION

There shall be a Students Sports Organization which shall be managed by the Sports Council. The Sports Council shall consist of the following, namely:-

1. the Chief Adviser, ex officio; Chairman;
2. the Deputy Chief Adviser, ex officio;
3. the Faculty Advisers - one for each activity, ex officio;
4. the Sports Officers, ex officio;
5. the Secretary (One for each activity), ex officio;
6. one Member from the Married Students' Hostels (to be nominated by the Dean of Students' Welfare].

## (iii) STUDENTS' CLUB

There shall be a Students Club which shall be managed by the Club Council. The Club Council shall consist of the following, namely:-

1. the Chief Adviser, Chairman, ex-officio;
2. the Deputy Chief Adviser, ex officio;
3. the Faculty Advisers for each unit), ex officio;
4. the Secretaries, ex officio;
5. one Councilor from each Bhawan to be nominated by the Bhawan Council;
6. one Member from the Married Students' Hostel (to be nominated by the Dean of Students' Welfare].

## (iv) STUDENTS' HOBBIES CLUB

There shall be a Students Hobbies Club which shall be managed by a Hobbies Club Council. The Hobbies Club Council shall consist of the following, namely:-

1. the Chief Advisor, Chairman, ex officio;
2. the Deputy Chief Advisor, ex officio;
3. the Faculty Advisers (one for each activity), ex officio;
4. the Secretaries (one for each activity), ex officio.

## (v) STUDENTS' CULTURAL SOCIETY

There shall be a Students Cultural Society which shall be managed by the Cultural Society Council. The Council shall consist of the following, namely:-

1. the Chief Adviser, ex officio, Chairman;
2. the Deputy Chief Adviser, ex officio;
3. the faculty Adviser(s) (one for each activity), ex officio;
4. the Secretaries (one for each activity or group of activities), ex officio;
5. one Member from the Married Students' Hostel (to be nominated by the Dean of Students' Welfare).

## (vi) STUDENTS' CINEMA CLUB ${ }^{-}$

There shall be a Students Cinema Club which shall be managed by the Cinema Club Council. The Cinema Club Council shall consist of the following, namely:-

1. the Chief Adviser, ex officio, Chairman;
2. the Deputy Chief Adviser, ex officio;
3. the Secretary, ex officio;
4. one Member from the Married Students' Hostel (to be nominated by the Dean of Students' Welfare).

## (vii) HIMALAYAN EXPLORERS CLUB

There shall be a Himalayan Explorers Club which shall be managed by a Himalayan Explorers Club Council. The Council shall consist of the following, namely:-

1. the Chief Adviser, Chairman, ex officio;
2. the Deputy Chief Adviser, ex officio;
3. the Secretary (one for each activity or group of activities), ex officio;
4. one Member from the Married Students' Hostel (to be nominated by the Dean of Students' Welfare).

## Note:

1. The Secretaries of various functional bodies shall be nominated by the respective Chief Advisers. The Secretaries shall be from amongst the actively participating and willing members with a minimum of two years of activity at U.G. level or one year at P.G. level (prior to Semester for nomination). CGPA may also be considered along with any other criteria suggesting healthy and disciplined personality of the student.
2. Each Council, excluding Bhawan councils, shall have one Council, Secretary to be nominated by the respective Chief Advisers.
3. The duties of the Secretaries and Councilors of various Functional Bodies shall be such as may be decided by the Dean of Students Welfare from time to time. For the time being, the duties prevalent at IIT, Delhi may be adopted.

### 3.4 The Boards and Committees of the Departments/ Centres

### 3.4.1 The Departmental/ Centre's Faculty Board (DFB/CFB)

3.4.1.1 Each academic Department/Centre shall have a Faculty Board called as Departmental/ Centre's Faculty Board (DFB/CFB) consisting of all full-time faculty members of the Department/Centre. All the joint faculty/Professors shall also be the members of the DFB/ CFB.
3.4.1.2 The Head of the Department/Centre shall be the ex officio Chairman of the DFB/CFB.
3.4.1.3 A member of the faculty of the Department/Centre shall be nominated by the DFB/ CFB to act as its Secretary for a term of one year.
3.4.1.4 The DFB/CFB shall meet as and when necessary but not less than once in a month and that $50 \%$ of its members shall form a quorum for its meetings.

### 3.4.1.5 Duties and Responsibilities of DFB/CFB:

(i) The DFB/CFB shall be responsible for considering all the policy issues concerning academic and research programmes of the Department/ Centre.
(ii) The DFB/CFB shall consider and review the existing courses and propose and formulate new academic programmes and courses as recommended by the DUGC and DRC/CRC to it and send its recommendations to BUGS/ BPGS\&R, as the case may be, for its consideration and action, if any.
(iii) The DFB/CFB shall consider and distribute teaching load to the faculty members.
(iv) The $\mathrm{DFB} / \mathrm{CFB}$ shall nominate one faculty representative of the Department to the BUGS, BPGS\&R, BSRIC and the LAC. The nominees on BUGS and BPGS\&R shall be members of the DUGC and DRC/CRC, respectively.
(v) The DFB/ CFB of a Department/ Centre shall constitute two sub-committees, namely:-
(a) The Departmental/Centre's Research Committee, DRC/ CRC, and
(b) The Departmental Undergraduate Committee (DUGC)
(vi) A copy of the confirmed minutes of the meetings of the DFB/CFB shall be sent to Dean, UGS and Dean, PGS\&R and all the members of the $\mathrm{DFB} / \mathrm{CFB}$, and the record of the minutes shall be maintained.

### 3.4.2 The Departmental /Centre's Professorial Committee (DPC/CPC)

3.4.2.1 There shall be a Professorial Committee in each Department/ Centre consisting of all the full-time Professors/Joint Professors of the Department/Centre. In those Departments/Centres where the number of Professors/equivalent Scientists is less than five, the Director may nominate such number of Professors from other Departments/Centres as may be necessary to make the Professorial Committee a Five member committee. The tenure of such nominees shall be two years from the day of their nomination.
3.4.2.2 The Head of the Department/ Centre shall be the Chairman of the Professorial Committee.

### 3.4.2.3 Duties and Responsibilities of the DPC/CPC

(i) The Professorial Committee shall be the Administrative Committee of the Department/Centre and shall be responsible for all the administrative matters of the Department/ Centre which may include:-
(a) faculty recruitment, short listing criteria, leave applications, long leave, voluntary retirement, appointments after superannuation, appointment of Visiting Professors, Guest Faculty, etc.;
(b) allocation of allotted manpower (technical and ministerial) to different laboratories/ office, etc.;
(c) allocation of administrative responsibilities to the faculty members;
(d) Construction and space allocation within Department/ sections including faculty office rooms, office, laboratory, library, etc.;
(e) planning, long-term and short- term, for the academic development of the Department;
(f) security, maintenance and upkeep of the Department/ Centre including Laboratories, building(s), lawns, etc.;
(g) budgetary allocations of Departmental Operating Expenses (DOE) and other ploan allocations and funds received by the Department/ Centre to various sections/ Laboratories, facilities, etc.;
(h) procurement of equipment/ instruments from Institute funds or funds allocated to the Department/ Centre from any other agency;
(i) general discipline of the students/ staff in the Department, etc. ;
(ii) The Professorial Committee shall take all decisions in a collegiate manner with due care to improve the academic and research ambience and academic and research out put of the Department/ Centre.
(iii) The Professorial Committee shall meet at least once every month and $50 \%$ of its members shall form a quorum for its meetings. The agenda item of the DPC/CPC meeting may be sent by any Professor which shall be taken up by the Committee in its next meeting and shall be disposed off in a collegiate fashion. The confirmed minutes of the meeting shall be sent to the Director and all the Professors of the Department/ Centre.

### 3.4.3 The Departmental/ Centre's Research Committee (DRC/CRC):

3.4.3.1 There shall be a DRC/CRC in a Department/ Centre consisting of full-time faculty members representing all the major $P G$ and research programmes of the Department/Academic Centre and the Head of the Department/ Centre. $1 / 3$ of the faculty strength with a minimum of 7 members shall constitute the DRC/CRC. The membership shall be rotated among various faculty members at all cadres. The faculty representative of the Department/Centre in the BPGS\&R shall also be a member of the DRC/CRC.
3.4.3.2 A Professor nominated by the DFB/CFB shall be its Chairman. The constitution of the DRC/ CRC shall be recommended by the DFB/ CFB and shall be approved by the Dean, PGS8\%R.
3.4.3.3 For an interdisciplinary programme, a Programme Faculty Board (PFB) shall be constituted by the Dean, PGS\&R in consultation with the Heads of the concerned Departments/ Centres and the Programme Coordinator. The Programme Coordiantor shall be appointed by the Director in consultation with the Dean, PGS\&R, and the Heads of the concerned Departments/ Centres.
3.4.3.4 The DRC/CRC shall have a term of two- years from the date of its constitution by the DFB/CFB. The term of office of the members of the Committee shall be coterminus with that of the committee. Any vacancy in the committee shall be filled up by another faculty member to be nominated by the $\mathrm{DFB} / \mathrm{CFB}$ and approved by the Dean, PGS\&\%R for the remainder of the term of the member in whose vacancy the nomination is being made.

### 3.4.3.5 Duties \& Responsibilities of the DRC/CRC:

(i) The DRC/CRC shall be responsible for all the academic matters pertaining to all PG and research programmes of the Department/ Centre as also of PG courses pertaining to IDD programmes and the pre-Ph.D courses as specified in the Ordinances and Regulations for PG, IDD and Ph.D. programmes.
(ii) For interdisciplinary programmes, the PFB shall perform the duties of the DRC. The Programme Coordinator shall perform such duties and exercise such powers of the Head of the Department as may be necessary for such a programme.
(iii) The DRC/ CRC shall nominate Programme Coordinators from amongst the Professors/ Associate Professors for each PG Programme of the Department/ Centre. The Programme Coordinator shall coordinate the programme and assist the DRC/CRC and the Head of the Department/Centre in the running of the programme.
(iv) The DRC/CRC shall be responsible for the selection of students, wherever required, for $P G$ and Ph.D. programmes, conduct of PG and Ph.D. programmes, and the allocation of M.Tech. and IDD students to faculty members for their Dissertation .
(v) The DRC/CRC shall consider and make its recommendation on all the issues referred to it by the DFB/CFB and/or the Dean, UGS and the Dean PGS\&R.
(vi) The DRC/CRC shall meet as often as necessary but not less than once every month and its confirmed minutes shall be sent to the Dean, PGS\&R for PG and research programmrs and to the Dean, UGS for IDD programmes. The minutes shall also be sent to all the faculty members of the Department/ Centre for information and necessary action.

### 3.4.4 The Departmental Undergraduate Committee (DUGC)

3.4.4.1 There shall be a DUGC in each Department which shall consist of $1 / 3$ of the full-time faculty members of the Department and the Head of the Department. All major sections and all the faculty cadres shall be represented in the DUGC and the membership shall be rotated every two years in a staggered manner. The faculty representative of the Department in the BUGS shall also be a member of the DUGC.
3.4.4.2 A Professor nominated by the DFB shall be its Chairman. The constitution of the DUGC shall be recommended by the DFB and approved by the Dean, UG Studies.
3.4.4.3 For an interdisciplinary programme, a Programme Faculty Board (PFB) shall be constituted by the Dean, UGS in consultation with the Head of the concerned Departments and the Programme Coordinator. The Programme Coordinator shall be appointed by the Director in consultation with the Dean, UGS, and the Heads of the concerned Departments/ Centres.
3.4.4.4 The DUGC shall have a term of two years from the date of its constitution by the DFB. The term of office of the members of the DUGC shall be coterminous with that of the committee. Any vacancy in the committee shall be filled up by another faculty member to be nominated by the DFB and approved by the Dean, UG Studies for the remainder of the term of the member in whose vacancy the nomination is being made.

### 3.4.4.5 Duties and responsibilities of the DUGC

(i) The DUGC shall be responsible for all academic matters pertaining to UG programmes and all UG courses of IDD programmes being run by the Department as specified in the Ordinances and Regulations for UG and IDD programmes.
(ii) For interdisciplinary programmes, the PFC shall perform the duties of the DUGC. The Programme Coordinator shall perform such duties and exercise such powers of Head of the Department as may be necessary for such a programme.
(iii) The DUGC shall nominate Programme Coordinators from amongst the Professors/ Associate Professors for each UG programme of the Department/ Centre. The Programme Coordinator shall coordinate the programme and assist the DUGC and the Head of the Department/ Centre in the running of the programme.
(iv) The DUGC shall meet as often as necessary but not less than once every month to consider the conduct of UG programmes, the progress of the students and any other matter concerning UG programmes.
(v) The DUGC shall consider and make its recommendation on all issues/matters referred to it by the DFB/ Dean, UGS/BUGS.
(vi) For matters of general academic interest, teaching load, etc. a joint meeting of the DUGC and DRC/CRC may be convened to discuss the matters and to take decisions thereon.
(vii) The confirmed minutes of the meeting of DUGC shall be sent to the Dean, UGS and all the faculty members of the Department for information and necessary action.

## CHAPER IV

Procedure for Nomination of persons by the Senate, the Departments/ Centre and the Students Senate of the Students Affairs Council, etc.

### 4.1 Senate Nominees

4.1.1 The Senate shall nominate its representatives to serve on the Board of Governors (BOG) and the following Boards/Standing Committees-(i) BUGS; (ii) BPGS \& R; (iii) BSRIC (iv) Library Advisory Committee (LAC); and (v) SAC.

### 4.1.2 Nomination of Professors as the Representatives of the Senate on the Board of Governors (BOG)

4.1.2.1 The Senate of the Institute shall nominate two Professors as its representative to the Board of Governors (Section 11 (e) of the Act.
4.1.2.2 The procedure to be followed for nomination shall be as under:
(a) A panel of three/five (for one or two nominees) senior-most Senators, who meet the under-mentioned criteria, will be prepared:
(i) They should have attended at least $60 \%$ meetings of the Senate during the last five years. The number of meetings of the Senate for this purpose will include regular as well as special meetings. All types of absence including leave, deputation, sickness and EOL abroad etc. will be reckoned against $40 \%$ absence permitted during the period of five years.
(ii) They should not be holding the position of the Deputy Director at the time of his/her nomination.
(iii) They should have at least two years of service remaining in the Institute from the date of nomination to enable him or her to complete the full two year term in terms of Section $12(3)$ of the Act.
(iv) They should not have been members of the BOG representing the Senate on an earlier occasion for whatever duration.
(b) The panel so prepared, on the basis of above eligibility criteria, would be circulated to the members of the Senate in a confidential cover by the Chairman, Senate for their suggestions on nominating the Senator(s) on the Board of Governors. Based on the feedback received from the Senators, the Chairman, Senate, on behalf of the Senate will nominate the Senator(s) for membership of the Board of Governors.
(c) If a nominee of the Senate on the Board of Governors proceeds on leave of the kind due for a period exceeding six months, he would cease to be the member representing the Senate on the Board of Governors and the resultant vacancy would be filled as per the provisions of the Act and the procedure laid down by the Senate.
4.1.3 For all other Boards/Standing Committees listed under sub-section 2.3 of Chapter II of the Senate Manual, the ECS shall act as the 'Nomination Committee' and shall send its recommendations to the Senate for its consideration and approval. The Member-Secretary of the Executive Committee shall invite nominations to various Boards/ Committees from the members of the Senate at least 60 days before the end of the tenure of the functional Boards/ Committees. The Senate members absent from the Institute on lien/leave shall not be considered for such nominations. All the nominations received from the members shall be put to the ECS by the Member-Secretary in a special meeting of the ECS which shall be held at least 30 days before the end of the tenure of the members on the Boards/ Committees. The Senate shall meet in the month of June to consider and approve its nominees. For any vacancy in the nominees on the Boards/ Committees, the ECS shall take steps to fill the vacancy within three months from the date of the vacancy.
4.1.4 No Nominations shall be made by the Senate to any other Committee in the Institute unless it is decided by the Senate otherwise.

### 4.2 Representatives of Departments/ Centres

4.2.1 The Departments/Centres are required to nominate their representatives to serve on the Board of Undergraduate Studies (BUGS), the Board of Postgraduate Studies \& Research (BPGS\&R), the Board for Sponsored Research \& Industrial Consultancy (BSRIC), and the Library Advisory Committee (LAC) in accordance with the Constitution of these bodies (refer to Chapter III).
4.2.2 The actual procedure to select the representatives from the Departments/ Centres shall be decided by the individual DFB/CFB.

### 4.3 Student Representatives

4.3.1 The SAC is required to nominate student-representatives to serve on the following Boards/ Committees, viz (i) BUGS; (ii) BPGS8\%R; and (iii) the Library Advisory Committee (LAC).
4.3.2 Three student representatives on BUGS and BPGS8R shall be nominated by the Dean of Students' Welfare.
4.3.3 The nine student-representatives on the Library Advisory Committee (LAC) shall be nominated by the Senate of the SAC (excluding the faculty members on the Senate). Three of the representatives shall be undergraduate students; Two M.Tech. students from Engineering Departments; one student from M.Sc./M.Tech. (3 year programme)/MCA/

MBA etc. streams, run by non-Engineering Departments; one research student/ candidate from Engineering Departments and one research student/ candidate from the Sciences, Humanities and Social Sciences; and Management Departments. There shall be no academic criteria for eligibility to be nominated as a student-representative on the LAC. These nominations shall be made at the first meeting of the Senate of the SAC in an academic year.

### 4.4 Student Members of the SAC

(i) All student-members of the SAC listed in Chapter III under sub-section 3.3.3.3 of the Manual shall be elected / nominated as per the procedure outlined in the respective constitutions of the student bodies/ councils.

### 4.5 Departments/ Centres/ Service Centres (Statutes 21 (1) \& (2)

The Institute currently has the following Departments, namely:-
(a) Architecture and Planning
(b) Biotechnology
(c) Chemical Engineering
(d) Chemistry
(e) Civil Engineering
(f) Earth Sciences
(g) Earthquake Engineering
(h) Electrical Engineering
(i) Electronics and Computer Engineering
(j) Humanities and Social Sciences
(k) Hydrology
(1) Paper Technology
(m) Management Studies
(n) Mathematics
(o) Mechanical and Industrial Engineering
(p) Metallurgical and Materials Engineering
(q) Physics
(r) Water Resources Development \& Management

Provided that the Board may, on the recommendation of the Senate, create or modify or abolish any Department or merge it with another Department.
(2) The Institute shall have the following Academic and Service Centres, namely :-
(a) Alternate Hydro Energy Centre
(b) Central Library
(c) Continuing Education Centre
(d) Institute Instrumentation Centre
(e) Institute Computer Centre
(f) Information Superhighway Centre

Academic Centre
Academic Services Centre Academic Services Centre Academic Services Centre Academic Services Centre Academic Services Centre

Provided that the Board may, on recommendation of the Senate, establish or abolish any Centre/Service Centre or merge it with another Centre/Service Centre or a Department or convert it into a Department.

### 4.6 The Deans (Statute 11)

(1) The Director may appoint Deans and Associate Deans to assist him in discharging his duties and responsibilities, in consultation with the Chairman of the Board of Governors.
(2) The Deans and Associate Deans shall be appointed by the Director from amongst the teachers for a period not exceeding three years. They shall hold their offices at the pleasure of the Director.
(3) The Deans and the Associate Deans shall be deemed to be the officers of the Institute and will enjoy such powers and perform such duties as may be delegated to them by the Director with the prior approval of the Board. The Associate Deans shall normally assist the respective Deans in the performance of their duties.
(4) The Deans and Associate Deans shall not be entitled to any additional monetary benefit by virtue of holding their respective Offices.

### 4.7 Head of the Department (Statute 22)

(1) Each Department of the Institute shall be placed in charge of a Head who shall be selected by the Director from amongst the Professors and Associate Professors in such manner as may be laid down by the Board from time to time.

Each Centre/School/Service Centre of the Institute shall be placed in charge of a Head who shall be selected by the Director from amongst the Professors/Associate Professors, Chief Scientific Officers/Principal Scientific Officers, Chief Design Engineers/ Principal Design Engineers in the Centre/School/Service Centre or in a cognate Department/Centre/School in such manner as may be laid down by the Board from time to time.

Provided that when in the opinion of the Director the situation so demands, the Director may himself take temporary charge of an Department/Centre/School/Service Centre or place it under the charge of the Deputy Director or a Professor from another Department/Centre for a period not exceeding six months.
(2) The Head of the Department/Centre/School/Service Centre shall be responsible for the entire working of the Department/ Centre/School/Service Centre, subject to the general control of the Director.
(3) It shall be the duty of the Head of the Department/Centre/School/ Service Centre to see that the decisions of the authorities of the Institute and of the Director are faithfully carried out. He shall perform such other duties as may be assigned to him by the Director.

### 4.8 Other Faculty Officers serving on Senate Boards/ Standing Committees

The Chairman of the LAC shall be nominated by the Director from the eligible faculty members of the Institute.

## CHAPTER V

## Procedures of operation of the Senate Manual and the Procedures to be followed for Senate meetings

5.1 The procedures for nomination and operation specified in the Senate Manual shall be followed. Any inadequacy in the operation of the Manual shall be referred by the Secretary of the Senate to the Chairman of the Senate to effect proper changes, additions, and/or deletions. In case of any discrepancy or any dispute arising out in following the Senate Manual, the decision of the Chairman of the Senate shall be final and binding.
5.2 The provisions in the Senate Manual may be added to, amended or repealed at any meeting of the Senate, provided that the written notice of the proposed action has been sent to each member of the Senate at least two weeks prior to the meeting at which a particular provision is to be considered. Modification of the said provision shall require the approval of a majority of the members of the Senate present at the meeting in question and shall become effective on the date specified by the Senate.
5.3 All meetings of the Senate shall be governed by the procedure specified below:
5.3.1 The members of the Senate/Secretaries of the Senate Committees should communicate to the Secretary of the Senate the items together with notes for inclusion in the agenda at least 15 days before the date of the meeting. Items submitted later than the above stipulated deadline should be submitted directly to the Chairman of the Senate. The reasons for the delay in submission must invariably be stated in a covering note. The inclusion of an item submitted late shall, however, be at the discretion of the Chairman.
5.3.2 The agenda papers should be in the hands of the members at least a week before the date of the meeting of the Senate.
5.3.3 The Chairman would invite comments from the members who have 'definite' ideas, about the proposal ahead of the meeting. Those, who have given comments, will be allowed to speak first on the Senate floor.
5.3.4 Once the members, who have sent written comments to the Chairman, have expressed their views on the floor of the Senate, the Chairman may like to invite additional comments. Thereafter, he shall summarise the discussion along with his own views on the matter. A decision on the item will then be arrived at and a resolution to this effect shall be passed.
5.3.5 A decision once taken should not normally be re-opened within one year from the date of the decision. However, the Chairman may move to re-consider the matter within one year under exceptional circumstances.
5.3.6 Normally, the order of business at regular meetings of the Senate shall be as follows :
(i) Announcements by the Chairman;
(ii) Confirmation of minutes of previous meeting;
(iii) Follow-up action on previous decisions;
(iv) Reports of the ECS, Boards and Committees of the Senate;
(v) Unfinished business from the previous meeting; and
(vi) New business.

The order of business at any special or requisitioned meeting of the Senate shall be as follows:
(i) The special business of the occasion; and
(ii) Any other business that may be admitted by the Chairman of the Senate under special circumstances.
5.3.7 At any meeting of the Senate, the decisions must be formalized by means of a consensus or an affirmative vote. Questions of order not covered in the Senate Manual shall be governed by rulings of the Chairman of the Senate at that time. Subsequently, the Senate may consider the matter and frame guidelines for future.
5.3.8 The Chairman of the Senate shall nominate the Experts as the nominees of the Senate to serve on the Selection Committees for various academic staff positions (Statute 13 (3)) from the panels of Experts approved by the Senate. The Senate shall consider the panels of experts in different specializations/ groups of a Department/ Centre or in interdisciplinary areas submitted by the Professorial Committees of the Departments/ Centres or the interdisciplinary Professorial Committees for the interdisciplinary areas constituted by the Chairman of the Senate, and may approve the panels with additions/ deletions. The panels of Experts shall be valid for a period of two years from the date of approval by the Senate or till such date a new panel is constituted.

## Appendix-I

## Excerpts from the Institutes of rechnology Act, 1961 which are relevant to the Senate Manual

Section 10 : The following shall be the authorities of an Institute, namely :
(a) a Board of Governors;
(b) a Senate; and
(c) such other authorities as may be declared by the Statutes to be the authorities of the Institute.

Section 11: The Board of an Institute shall consist of the following persons, namely: -
(a) the Chairman, to be nominated by the Visitor;
(b) the Director, ex officio;
(c) one person to be nominated by the Government of each of the States comprising the zone in which the Institute is situated, from among persons who, in the opinion of that Government, are technologists or industrialists of repute;
(d) four persons having special knowledge or practical experience in respect of education, engineering or science to be nominated by the Council; and
(e) two professors of the Institute, to be nominated by the Senate.

Explanation : In this section, the expression "zone" means a zone as for the time being demarcated by the All India Council for Technical Education for the purposes of this Act. In case of IIT, Roorkee, the 'zone' comprises of the States of Uttranchal, Haryana and Himachal Pradesh fvide MHRD letter F.No. 7-18/2001-TS.I dated 17th January 2002).

Section 12(3): The term of Office of a member nominated under Clause (e) of Section 11 shall be two years from the $1^{\text {st }}$ day of January of the year in which he is nominated.

Section 14: The Senate of each Institute shall consist of the following persons, namely:-
(a) the Director, ex officio, who shall be the Chairman of the Senate;
(b) the Deputy Director, ex officio,
(c) the professors appointed or recognized as such by the Institute for the purpose of imparting instructions in the Institute;
(d) three persons, not being employees of the Institute, to be nominated by the Chairman in consultation with the Director,
from among educationists of repute, each from the fields of science, engineering and humanities; and
(e) such other members of the staff as may be laid down in the Statutes.

Section 15 : Subject to the provisions of this Act, the Statutes and the Ordinances, the Senate of an Institute shall have the control and general regulation, and be responsible for the maintenance of standards of instruction, education and examination in the Institute and shall exercise such other powers and perform such other duties as may be conferred or imposed upon it by Statutes.

Section 26: Subject to the provisions of this Act, the Statutes may provide for all or any of the following matters, namely:-
(a) the conferment of honorary degrees;
(b) the formation of departments of teaching;
(c) the fees to be charged for courses of study in the Institute and for admission to the examinations of degrees and diplomas of the Institute;
(d) the institution of fellowships, scholarship exhibitions, medals and prizes;
(e) the term of office and the method of appointment of officers of the Institute;
(f) the qualifications of teachers of the Institute
(g) the classification, the method of appointment and the determination of the terms and conditions of service of teachers and other staff of the Institute;
(h) the constitution of pension, insurance and provident funds for the benefit of the officers, teachers and other staff of the Institute;
(i) the constitution, powers and duties of the authorities of the Institute;
(j) the establishment and maintenance of halls and hostels;
(k) the conditions of residence of students of the Institute and the levying of fees for residence in the halls and hostels and of other charges;
(1) the manner of filling vacancies among members of the Board;
(m) the allowances to be paid to the Chairman and members of the Board;
(n) the authentication of the orders and decisions of the Board;
(o) the meeting of the Board, the Senate, or any Committee, the quorum at such meetings and the procedure to be followed in the conduct of their business;
(p) any other matter which by this Act is to be or may be prescribed by the Statutes.

Section 27: (1) The first Statutes of each Institute shall be framed by the Council with the previous approval of the Visitor and a copy of the same shall be laid, as soon as may be, before each House of Parliament.
(2) The Board may, from time to time, make new or additional Statutes or may amend or repeal the Statutes in the manner provided hereafter in this section.
(3) Every new Statute or addition to the Statutes or any amendment or repeal of a Statute shall require the previous approval of the Visitor who may assent thereto or withhold assent or remit it to the Board for consideration.
(4) A new Statute or a Statute amending or repealing an existing Statute shall have no validity unless it has been assented to by the Visitor.

Section 28 : Subject to the provisions of this Act and the Statutes, the Ordinances of each Institute may provide for all or any of the following matters, namely :-
(a) the admission of the students to the Institute;
(b) the courses of study to be laid down for all degrees and diplomas of the Institute;
(c) the conditions under which students shall be admitted to the degree or diploma courses and to the examinations of the Institute, and shall be eligible for degrees and diplomas;
(d) the conditions of award of the fellowships, scholarships, exhibitions, medals and prizes;
(e) the conditions and mode of appointment and duties of examining bodies, examiners and moderators;
(f) the conduct of examinations;
(g) the maintenance of discipline among the students of the Institute; and
(h) any other matter which by this Act or the Statutes is to be or may be provided for by the Ordinances.

Section 29 (1) Save as otherwise provided in this section Ordinances shall be made by the Senate.
(2) All Ordinances made by the Senate shall have effect from such date as it may direct, but every Ordinance so made shall be submitted as soon as may be, to the Board and shall be considered by the Board at its next meeting.
(3) The Board shall have power by resolutions to modify or cancel any such Ordinance and such Ordinance shall from the date of such resolution stand modified accordingly or cancelled, as the case may be.

## Excerpts from the Statutes of I.I.T., Roorkee which have relevance to the Senate Manual

## Statute 5 - The Senate

In addition to the persons mentioned in Section 14 of the Act, the following shall be the members of the Senate, namely: -
(a) The Heads of the Departments/ Academic Centres/ Schools other than Professors, as are not members of the Senate;
(b) the Deans and Associate Deans other than Professors, as are not members of the Senate;
(c) the Librarian of the Institute;
(d) One Chief Warden by rotation to be nominated by the Director for a period of one year;
(e) not more than six other members of the academic staff for their special knowledge appointed by the Chairman after consultation with the Director for such period as may be specified by the Chairman.
(2) Subject to the provisions of the Act, the Senate shall have the power to:-
(a) frame and revise curricula and syllabi for courses of studies for the various Departments/ Academic Centres;
(b) make arrangements for the conduct of examinations; appoint examiners, moderators, tabulators and the like.
(c) declare the results of the examinations or to appoint committees or officers to do so and to make recommendations to the Board regarding conferment or grant of degrees, diplomas and other academic distinctions or titles;
(d) appoint Advisory Committees or Expert Committees or both for the Departments and the Academic Centres of the Institute to make recommendations on academic matters connected with the working of the Department/ Academic Centre. The Head of the Department concerned shall act as convenor of such Committees;
(e) appoint Committees from amongst the members of the Senate, other teachers of the Institute and experts from outside to advise on such specific academic matters as may be referred to any such committee by the Senate;

## Appendix ' $B$ '

## B.Tech./B.Arch.

| s1. <br> No. | Enrollment No. | Name | T.E.Cr. | C.G.P.A | Program Code |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 001001 | A.R. Abhay Kumar | 240 | 7.24 | 110 |
| 2 | 001002 | Ajeet Kumar Gupta | 240 | 8.62 | 110 |
| 3 | 001003 | Arnab Bhar | 240 | 6.28 | 110 |
| 4 | 001004 | Ashish Kumar Rajput | 240 | 7.23 | 110 |
| 5 | 001005 | Atul Singh Chauhan | 238 | 7.23 | 110 |
| 6 | 001006 | Devpriya Misra | 238 | 8.36 | 110 |
| 7 | 001007 | Divyanshu Sharma | 238 | 7.50 | 110 |
| 8 | 001008 | Dorji Wangzom | 240 | 7.38 | 110 |
| 9 | 001009 | Gayatri Chauhan | 240 | 7.87 | 110 |
| 10 | 001010 | Jayasree Ghosal | 240 | 7.36 | 110 |
| 11 | 001011 | Minu Agarwal | 238 | 7.52 | 110 |
| 12 | 001012 | Mukul Saini | 240 | 6.53 | 110 |
| 13 | 001013 | Neetu Singh(ms) | 240 | 8.39 | 110 |
| 14 | 001014 | Neha Agarwal (ms) | 240 | 7.65 | 110 |
| 15 | 001015 | Pankaj Chandani | 238 | 7.38 | 110 |
| 16 | 001016 | Parmanand Sinha | 240 | 6.00 | 110 |
| 17 | 001017 | Pawan Bhatia | 240 | 7.17 | 110 |
| 18 | 001018 | Prakash Kumar Choudhary | 240 | 6.61 | 110 |
| 19 | 001019 | Prashant Kumar Das | 238 | 8.18 | 110 |
| 20 | 001020 | Pushpendra Singh | 240 | 6.41 | 110 |
| 21 | 001021 | Rajeev Gupta | 240 | 8.39 | 110 |
| 22 | 001022 | Robin Gautam | 238 | 6.53 | 110 |
| 23 | 001023 | Rohit Kumar | 238 | 7.42 | 110 |
| 24 | 001024 | Rohit Srivastava | 240 | 6.56 | 110 |
| 25 | 001026 | Shreyansh | 238 | 6.95 | 110 |
| 26 | 001027 | Shruti Rathore | 240 | 8.60 | 110 |
| 27 | 001029 | Somya Agarwal | 238 | 8.44 | 110 |
| 28 | 001030 | Vaibhav Jain | 238 | 6.79 | 110 |
| 29 | 001031 | Vinod Singh | 240 | 7.68 | 110 |
| 30 | 001032 | Vipin Kumar Kamboj | 240 | 7.34 | 110 |
| 31 | 991028 | Titash Talukdar | 240 | 5.30 | 110 |
| 32 | 000728 | Santosh Kumar | 214 | 5.22 | 117 |
| 33 | 010603 | Amol Agrawal | 214 | 9.37 | 117 |


| 34 | 010608 | Apeksha Maheshwari | 214 | 9.60 | 117 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 35 | 010701 | Abhijit Bisoi | 212 | 6.37 | 117 |
| 36 | 010702 | Amit Kumar Biswas | 214 | 6.04 | 117 |
| 37 | 010703 | Anmol Singh | 214 | 7.01 | 117 |
| 38 | 010704 | Arun Kumar Tiwari | 214 | 9.01 | 117 |
| 39 | 010705 | Arun Negi | 214 | 9.25 | 117 |
| 40 | 010706 | Arun Sharma | 214 | 7.33 | 117 |
| 41 | 010707 | Ashok Kumar | 214 | 6.95 | 117 |
| 42 | 010708 | Ashwani Kumar | 214 | 7.96 | 117 |
| 43 | 010709 | Atul Kumar Singh | 214 | 6.85 | 117 |
| 44 | 010710 | Deepak Katiyar | 214 | 8.61 | 117 |
| 45 | 010711 | Gaurav Mittal | 214 | 8.25 | 117 |
| 46 | 010712 | Gaurav Singh | 214 | 6.63 | 117 |
| 47 | 010713 | Jainendra Kumar Yadav | 214 | 7.46 | 117 |
| 48 | 010714 | Jitendra Kumar Gupta | 214 | 8.43 | 117 |
| 49 | 010715 | Kranthi Kiran Chitithoti | 214 | 7.46 | 117 |
| 50 | 010716 | Kunal Gupta | 214 | 8.44 | 117 |
| 51 | 010717 | Lovekeshwar Ranga | 214 | 7.94 | 117 |
| 52 | 010719 | Neha Maheshwari | 214 | 6.51 | 117 |
| 53 | 010720 | Neha Nigam | 214 | 7.56 | 117 |
| 54 | 010721 | Nishant | 214 | 8.42 | 117 |
| 55 | 010722 | Pamli Deka | 214 | 8.46 | 117 |
| 56 | 010723 | Pankaj Sindhu | 214 | 6.78 | 117 |
| 57 | 010724 | Praveen Agarwal | 214 | 7.35 | 117 |
| 58 | 010725 | Pulkit Jain | 212 | 6.77 | 117 |
| 59 | 010726 | Raju Bhukya | 214 | 7.11 | 117 |
| 60 | 010727 | Raju Kumar Gupta | 214 | 8.32 | 117 |
| 61 | 010729 | Rohit Baranwal | 212 | 7.27 | 117 |
| 62 | 010730 | Rohit Ranjan | 214 | 6.28 | 117 |
| 63 | 010731 | Saurabh Saxena | 212 | 8.06 | 117 |
| 64 | 010732 | Sunil Kumar Singh | 214 | 7.87 | 117 |
| 65 | 010733 | Vikas Panwar | 214 | 7.87 | 117 |
| 66 | 010734 | Vinod Kothari | 214 | 8.15 | 117 |
| 67 | 010735 | Yogesh Kumar | 214 | 7.67 | 117 |
| 68 | 000112 | Ashish Kumar | 214 | 7.75 | 111 |
| 69 | 000116 | Avinesh Kumar | 214 | 5.76 | 111 |
| 70 | 000129 | Manu Maharaj Krishna | 212 | 6.02 | 111 |


| 71 | 000153 | Subhadeep Chakrabarti | 214 | 6.80 | 111 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 72 | 000157 | Tarun Sharma | 212 | 5.03 | 111 |
| 73 | 000905 | Ajay Kumar Singh | 214 | 6.62 | 111 |
| 74 | 010101 | Abhay Pratap Singh | 214 | 7.72 | 111 |
| 75 | 010102 | Abhishek Jaiswal | 214 | 6.92 | 111 |
| 76 | 010103 | Abhishek Kumar | 214 | 6.95 | 111 |
| 77 | 010104 | Abhishek Malasi | 214 | 8.02 | 111 |
| 78 | 010105 | Abhishek Mundra | 214 | 6.99 | 111 |
| 79 | 010106 | Aditya Kumar Chaudhary | 214 | 6.46 | 111 |
| 80 | 010107 | Akhilesh Jain | 214 | 6.77 | 111 |
| 81 | 010108 | Alpana Sharma | 214 | 6.65 | 111 |
| 82 | 010109 | Amit Garg | 214 | 7.92 | 111 |
| 83 | 010110 | Amit Kumar Kardam | 214 | 6.65 | 111 |
| 84 | 010111 | Amit Kumar Sekhsaria | 214 | 8.39 | 111 |
| 85 | 010113 | Anop Patel | 214 | 7.17 | $\cdot 111$ |
| 86 | 010114 | Arun Kumar Singh | 214 | 7.11 | 111 |
| 87 | 010116 | Atul Yadav | 214 | 7.65 | 111 |
| 88 | 010117 | Chakor Sharma | 214 | 7.21 | 111 |
| 89 | 010118 | Chennuru Uma Kanth Reddy | 214 | 6.24 | 111 |
| 90 | 010119 | Deepak Singh | 214 | 7.73 | 111 |
| 91 | 010120 | Dipak Kumar | 214 | 5.79 | 111 |
| 92 | 010121 | Eaishvarya Sharma | 214 | 8.81 | 111 |
| 93 | 010122 | Garlapati Revanth Reddy | 214 | 7.41 | 111 |
| 94 | 010123 | Himmat Lal Patel | 214 | 6.37 | 111 |
| 95 | 010125 | Kunal | 214 | 8.14 | 111 |
| 96 | 010126 | Manish Singh | 214 | 7.69 | 111 |
| 97 | 010127 | Mohammad Saifuddin | 214 | 8.09 | 111 |
| 98 | 010128 | Mohd Naseem | 214 | 7.51 | 111 |
| 99 | 010129 | Mohd Shahvez | 214 | 6.22 | 111 |
| 100 | 010130 | Mukesh Kumar Sinha | 214 | 7.37 | 111 |
| 101 | 010132 | Nikhil Rastogi | 214 | 8.62 | 111 |
| 102 | 010133 | Pavas Yadav | 214 | 7.29 | 111 |
| 103 | 010134 | Peesapati Lakshmi Narasimham | 214 | 8.38 | 111 |
| 104 | 010135 | Pramod Kumar Bharti | 214 | 7.31 | 111 |
| 105 | 010136 | Priyanka Jain | 214 | 8.53 | 111 |
| 106 | 010139 | Rahul Gupta | 214 | 6.72 | 111 |
| 107 | 010140 | Rahul Kumar | 214 | 7.39 | 111 |


| 108 | 010141 | Rajeev Sharma | 214 | 8.83 | 111 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 109 | 010142 | Rajesh Kumar | 214 | 7.67 | 111 |
| 110 | 010143 | Rajpal Lawasiya | 214 | 5.82 | 111 |
| 111 | 010145 | Rishabh Jain | 214 | 8.64 | 111 |
| 112 | 010146 | Rohit Upadhyay | 214 | 7.39 | 111 |
| 113 | 010147 ? | Samarth Gupta | 214 | 7.76 | 111 |
| 114 | 010148 | Sanjay Goyal | 214 | 8.87 | 111 |
| 115 | 010149 | Sanjay Kumar Kansotia | 214 | 6.21 | 111 |
| 116 | 010150 | Shekhar Suman | 214 | 8.08 | 111 |
| 117 | 010151 | Shubham Pramod Katiyar | 214 | 7.84 | 111 |
| 118 | 010154 | Supriyo Saha | 214 | 6.99 | 111 |
| 119 | 010155 | Surendra Singh | 212 | 6.52 | 111 |
| 120 | 010156 | Sushil Kumar Soni | 214 | 6.46 | 111 |
| 121 | 010157 | Tathagata Ray | 214 | 7.63 | 111 |
| 122 | 010158 | Vani M | 214 | 6.10 | 111 |
| 123 | 010159 | Vineet Katiyar | 214 | 7.28 | 111 |
| 124 | 010160 | Vivek Kala | 214 | 6.76 | 111 |
| 125 | 010637 | Rohit Kumar Sinha | 214 | 9.10 | 111 |
| 126 | 010906 | Arunabh | 214 | 9.01 | 111 |
| 127 | 010914 | Kapil Goyal | 214 | 7.59 | 111 |
| 128 | 010917 | Manu Sethi | 214 | 8.02 | 111 |
| 129 | 010927 | Sumit Vats | 214 | 8.60 | 111 |
| 130 | 000805 | Anil Kumar Keshari | 213 | 5.85 | 116 |
| 131 | 010728 | Ranjana Bhadoria | 213 | 9.71 | 116 |
| 132 | 010801 | Abhijit Kumar Adhikari | 213 | 5.90 | 116 |
| 133 | 010802 | Abhishek Arora | 213 | 7.58 | 116 |
| 134 | 010805 | Anjani Kumar Verma | 213 | 7.90 | 116 |
| 135 | 010806 | Ashish Goyal | 213 | 5.56 | 116 |
| 136 | 010807 | Ashvani Kumar | 213 | 6.94 | 116 |
| 137 | 010808 | Deepak Raghuwanshi | 213 | 9.82 | 116 |
| 138 | 010810 | Dhruv Gupta | 213 | 7.48 | 116 |
| 139 | 010811 | Gaurav Yadav | 213 | 8.13 | 116 |
| 140 | 010812 | Harendra Pratap Singh | 213 | 7.12 | 116 |
| 141 | 010813 | Himanshu Kanda | 213 | 7.95 | 116 |
| 142 | 010814 | Kamal Singh | 213 | 7.58 | 116 |
| 143 | 010816 | Mitra Indra Dhanu Dipak | 211 | 6.61 | 116 |
| 144 | 010817 | Nitin Gupta | 213 | 7.85 | 116 |


| 145 | 010819 | Praveen Kumar | 213 | 9.05 | 116 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 146 | 010820 | Prince Mahajan | 213 | 9.31 | 116 |
| 147 | 010821 | Pushkar Sachdeva | 213 | 8.63 | 116 |
| 148 | 010822 | Rohit Yadav | 213 | 7.96 | 116 |
| 149 | 010823 | Samarth Jain | 213 | 7.53 | 116 |
| 150 | 010824 | Sandeep | 213 | 8.62 | 116 |
| 151 | 010825 | Serveshresht Sawhney | 213 | 7.26 | 116 |
| 152 | 010826 | Shailesh Prithani | 213 | 7.55 | 116 |
| 153 | 010827 | Sher Singh Meena | 213 | 6.91 | 116 |
| 154 | 010828 | Shri Kant Kashyap | 213 | 8.70 | 116 |
| 155 | 010829 | Shukti Das | 213 | 8.54 | 116 |
| 156 | 010830 | Siddhartha Shivam | 213 | 7.06 | 116 |
| 157 | 010832 | Subodh Yadav | 211 | 6.69 | 116 |
| 158 | 010833 | Sumant Mehta | 213 | 6.93 | 116 |
| 159 | 010834 | Swagat N | 211 | 6.34 | 116 |
| 160 | 010835 | Vishal Swarankar | 213 | 7.46 | 116 |
| 161 | 000249 | Rohit Singh | 210 | 9.04 | 112 |
| 162 | 000260 | Suresh Mehra | 210 | 5.85 | 112 |
| 163 | 010201 | Akhil Kakkar | 210 | 8.16 | 112 |
| 164 | 010202 | Akshat Agarwal | 210 | 9.18 | 112 |
| 165 | 010203 | Akshya Kumar | 210 | 7.32 | 112 |
| 166 | 010204 | Amit Kumar | 210 | 7.19 | 112 |
| 167 | 010205 | Amit Kumar Jain | 210 | 8.45 | 112 |
| 168 | 010206 | Anand Prakash Yadav | 210 | 8.56 | 112 |
| 169 | 010207 | Anchal Aggarwal | 210 | 7.70 | 112 |
| 170 | 010208 | Anik Kumar Paul | 210 | 9.02 | 112 |
| 171 | 010210 | Aniruddh Verma | 210 | 7.36 | 112 |
| 172 | 010213 | Anurag V Mahajan | 210 | 7.97 | 112 |
| 173 | 010214 | Arti Aggarwal | 210 | 7.47 | 112 |
| 174 | 010215 | Arun Kumar | 210 | 9.20 | 112 |
| 175 | 010216 | Asheesh Kumar | 210 | 6.18 | 112 |
| 176 | 010217 | Ashok Kumar Sharma | 210 | 6.39 | 112 |
| 177 | 010218 | Ashwin Gupta | 210 | 8.02 | 112 |
| 178 | 010219 | Chetan Singhal | 208 | 7.43 | 112 |
| 179 | 010220 | Dinkar Singh | 210 | 7.98 | 112 |
| 180 | 010221 | G N Kunal | 210 | 5.40 | 112 |
| 181 | 010222 | Gunjan Khatri | 210 | 8.04 | 112 |


| 182 | 010224 | Jaywant Kumar | 210 | 6.78 | 112 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 183 | 010226 | Kapil Bohra | 210 | 7.47 | 112 |
| 184 | 010227 | Karm Veer Singh | 210 | 8.34 | 112 |
| 185 | 010228 | Kumar Gaurav | 210 | 7.72 | 112 |
| 186 | 010229 | Laxmi Kanth P | 210 | 6.67 | 112 |
| 187 | 010230 | Manavi Rahul Anand | 210 | 7.27 | 112 |
| 188 | 010231 | Maneesha Singh | 210 | 8.71 | 112 |
| 189 | 010232 | Manish Kain | 210 | 5.77 | 112 |
| 190 | 010233 | Manish Kumar | 210 | 5.34 | 112 |
| 191 | 010234 | Mohd Ahmad | 210 | 6.05 | 112 |
| 192 | 010235 | Mukesh Kumar Pandey | 210 | 6.49 | 112 |
| 193 | 010236 | Niraj Kumar | 210 | 7.44 | 112 |
| 194 | 010237 | Nitin Kodli | 210 | 6.99 | 112 |
| 195 | 010238 | Nobal Preet Singh | 210 | 9.43 | 112 |
| 196 | 010239 | Partha Pratim Sirker | 210 | 6.05 | 112 |
| 197 | 010240 | Pedagani Madhukar | 210 | 5.85 | 112 |
| 198 | 010242 | Pradeep Meena | 210 | 6.38 | 112 |
| 199 | 010243 | Purn Prakash Chand | 210 | 5.61 | 112 |
| 200 | 010244 | Rachit Gupta | 210 | 9.61 | 112 |
| 201 | 010245 | Rahul Singh | 210 | 7.81 | 112 |
| 202 | 010246 | Rajendra Kumar Meghwal | 210 | 5.31 | 112 |
| 203 | 010248 | Ravi | 210 | 8.49 | 112 |
| 204 | 010249 | Rohit Kumar | 210 | 8.22 | 112 |
| 205 | 010250 | S V Venkata Vamsi Krishna | 210 | 6.76 | 112 |
| 206 | 010251 | Salil Gupta | 210 | 7.49 | 112 |
| 207 | 010252 | Sanjay Kumar Yadav | 210 | 6.57 | 112 |
| 208 | 010254 | Sharad Chaurasia | 210 | 7.13 | 112 |
| 209 | 010255 | Shikha Mittal | 210 | 7.36 | 112 |
| 210 | 010256 | Shyam Babu Gupta | 210 | 6.90 | 112 |
| 211 | 010258 | Sunil Khichi | 210 | 5.41 | 112 |
| 212 | 010259 | Surendra Sahu | 210 | 7.01 | 112 |
| 213 | 010262 | Vaibhav Aparimit | 210 | 7.43 | 112 |
| 214 | 010264 | Vickram Sharma | 210 | 9.02 | 112 |
| 215 | 010265 | Vijay Pal Singh Yadav | 210 | 8.46 | 112 |
| 216 | 010267 | Y Bhavani Shankar | 210 | 7.22 | 112 |
| 217 | 010268 | Y Pradeep Krishna | 210 | 7.92 | 112 |
| 218 | 000254 | Shivanand Saurav | 214 | 5.51 | 115 |


| 219 | 000512 | Biplab Sarkar | 212 | 5.21 | 115 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 220 | 010501 | Abhishek Dubey | 214 | 7.26 | 115 |
| 221 | 010502 | Alok Kumar | 214 | 6.62 | 115 |
| 222 | 010503 | Ankit Tripathi | 214 | 7.34 | 115 |
| 223 | 010504 | Anoop Gupta | 214 | 7.05 | 115 |
| 224 | 010506 | Ashish Saini | 214 | 8.11 | 115 |
| 225 | 010507 | Ashish Verma | 214 | 7.49 | 115 |
| 226 | 010508 | Ashutosh Gupta | 214 | 7.07 | 115 |
| 227 | 010509 | Bhram Prakash Nirmal | 214 | 6.65 | 115 |
| 228 | 010510 | Deep Inder Singh | 214 | 8.18 | 115 |
| 229 | 010511 | Deepak Sachan | 214 | 7.95 | 115 |
| 230 | 010512 | Gyanveer Singh | 214 | 7.73 | 115 |
| 231 | 010513 | Hari Kripa Chandra | 214 | 6.05 | 115 |
| 232 | 010514 | K Poornachandran | 214 | 7.80 | 115 |
| 233 | 010515 | Kapil Kansal | 214 | 8.07 | 115 |
| 234 | 010516 | Kumar Rohit | 214 | 6.99 | 115 |
| 235 | 010519 | Mohd Zalmaariz | 214 | 7.01 | 115 |
| 236 | 010521 | Narayan Singh Rao | 214 | 6.72 | 115 |
| 237 | 010522 | Neha Agrawal | 214 | 7.84 | 115 |
| 238 | 010523 | Nirmal Kumar Choudhary | 214 | 6.73 | 115 |
| 239 | 010524 | Nitin Chowdhary | 214 | 8.79 | 115 |
| 240 | 010525 | Om Prakash | 214 | 7.51 | 115 |
| 241 | 010526 | Pankaj Ahirwar | 214 | 7.44 | 115 |
| 242 | 010527 | Pawan Bharti | 214 | 6.92 | 115 |
| 243 | 010528 | Prashant Pandey | 214 | 7.47 | 115 |
| 244 | 010529 | Prateek Goel | 214 | 6.59 | 115 |
| 245 | 010531 | Sarang Tatimatla | 212 | 6.61 | 115 |
| 246 | 010532 | Saurabh Suhasaria | 214 | 7.67 | 115 |
| 247 | 010533 | Shalabh Jain | 214 | 8.57 | 115 |
| 248 | 010534 | Sheesh Ram | 212 | 6.96 | 115 |
| 249 | 010535 | Shiv Ram Ameria Khatik | 214 | 5.22 | 115 |
| 250 | 010536 | Smita Singh | 214 | 9.33 | 115 |
| 251 | 010537 | Subhash Chandra | 214 | 8.38 | 115 |
| 252 | 010538 | Tarun Ahuja | 214 | 8.99 | 115 |
| 253 | 010539 | Vineet Mittal | 214 | 7.57 | 115 |
| 254 | 010540 | Vishesh Kumar Meena | 214 | 6.60 | 115 |
| 255 | 010541 | Vivek Pradeep | 214 | 8.44 | 115 |


| 256 | 000305 | Aman Raj | 214 | 4.99* | 113 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 257 | 000321 | Kumar Satyen Gaurav | 214 | 7.61 | 113 |
| 258 | 010301 | Abhishek | 214 | 9.10 | 113 |
| 259 | 010302 | Abhishek Chandra | 214 | 8.30 | 113 |
| 260 | 010303 | Akshay Pradhan | 214 | 7.12 | 113 |
| 261 | 010304 | Alankar Gothwal | 212 | 6.27 | 113 |
| 262 | 010305 | Amit Birua | 214 | 7.96 | 113 |
| 263 | 010306 | Ankur Arora | 212 | 7.03 | 113 |
| 264 | 010307 | Ankur Vaish | 214 | 7.79 | 113 |
| 265 | 010308 | Anoop Singh | 214 | 6.33 | 113 |
| 266 | 010309 | Ashish Kumar Singh | 214 | 7.58 | 113 |
| 267 | 010310 | Ashutosh Mishra | 214 | 7.75 | 113 |
| 268 | 010311 | Boga Krishna Chaitanya | 214 | 6.01 | 113 |
| 269 | 010312 | Bolli Sumadhur Reddy | 214 | 8.19 | 113 |
| 270 | 010313 | Deep Chandra | 214 | 5.96 | 113 |
| 271 | 010314 | Devesh Khandelwal | 214 | 7.87 | 113 |
| 272 | 010315 | Gyanendra Singh | 214 | 6.75 | 113 |
| 273 | 010316 | Himanshu Malik | 212 | 6.78 | 113 |
| 274 | 010317 | Hrishikesh Surendra Potey | 214 | 7.49 | 113 |
| 275 | 010318 | Jagroop Singh Yadav | 214 | 7.33 | 113 |
| 276 | 010319 | Javed Akhter Ansari | 214 | 7.98 | 113 |
| 277 | 010320 | Kanishka Jai | 214 | 7.96 | 113 |
| 278 | 010321 | Kashyap Patel | 212 | 5.46 | 113 |
| 279 | 010322 | Khalil Ikhlaq | 214 | 8.66 | 113 |
| 280 | 010323 | Kota Pavan Kumar | 214 | 7.97 | 113 |
| 281 | 010324 | Madhur Singhai | 214 | 8.96 | 113 |
| 282 | 010325 | Manish Gautam | 214 | 7.24 | 113 |
| 283 | 010326 | Mayank Poddar | 214 | 8.36 | 113 |
| 284 | 010327 | Mohammad Shahid Siddiqui | 214 | 8.11 | 113 |
| 285 | 010328 | Mohammed Aftab Alam | 214 | 8.17 | 113 |
| 286 | 010329 | Ninad Singh | 214 | 5.89 | 113 |
| 287 | 010330 | Pankaj Dahiya | 214 | 5.93 | 113 |
| 288 | 010331 | Pranay Pathak | 214 | 7.29 | 113 |
| 289 | 010332 | Raj Kumar Singh | 214 | 6.35 | 113 |
| 290 | 010333 | Ravikant Bharti | 214 | 5.70 | 113 |
| 291 | 010334 | Saif Uddin | 214 | 7.51 | 113 |
| 292 | 010335 | Saurabh Verma | 214 | 7.91 | 113 |


| 293 | 010336 | Shailendra Singh | 214 | 7.04 | 113 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 294 | 010337 | Shourabh Roy | 214 | 6.20 | 113 |
| 295 | 010338 | Sunil Kumar | 214 | 8.67 | 113 |
| 296 | 010339 | Vaibhav Krishna | 214 | 8.22 | 113 |
| 297 | 010341 | Vikas Singh | 2.14 | 6.18 | 113 |
| 298 | 010342 | Vikram Pratap Maurya | 214 | 8.55 | 113 |
| 299 | 010913 | Jaishree | 214 | 9.53 | 113 |
| 300 | 990339 | Shiv Kumar Mahto | 214 | .4.69* | 113 |
| 301 | 000623 | Naveen Kumar | 212 | 4.33* | 118 |
| 302 | 000635 | Sachin Pandey | 212 | 9.28 | 118 |
| 303 | 010137 | Pulkit Joshi | 212 | 7.79 | 118 |
| 304 | 010144 | Rana Vickram | 212 | 7.63 | 118 |
| 305 | 010601 | Abhishek Paul | 212 | 7.79 | 118 |
| 306 | 010602 | Amardeep Prajapati | 212 | 6.31 | 118 |
| 307 | 010604 | Anindya Gupta | 212 | 7.77 | 118 |
| 308 | 010605 | Ankit Kumar Yadav | 212 | 9.17 | 118 |
| 309 | 010606 | Anuja Gupta | 212 | 9.18 | 118 |
| 310 | 010609 | Arvind Singh Pal | 212 | 6.03 | 118 |
| 311 | 010610 | Ashish Kanodia | 212 | 7.60 | 118 |
| 312 | 010611 | Ashish Kumar | 212 | 7.65 | 118 |
| 313 | 010612 | Ashutosh Agarwal | 210 | 8.23 | 118 |
| 314 | 010614 | Atul Srivastava | 212 | 7.66 | 118 |
| 315 | 010616 | Deepak Kumar | 212 | 7.11 | 118 |
| 316 | 010617 | Deepak Pandey | 212 | 7.70 | 118 |
| 317 | 010618 | Dherendra Kumar Gupta | 212 | 6.95 | 118 |
| 318 | 010619 | Dinker Bajpai | 212 | 7.37 | 118 |
| 319 | 010621 | Kaushal Kishor Sahu | 212 | 6.17 | 118 |
| 320 | 010622 | Lakshmikant Chauhan | 212 | 5.59 | 118 |
| 321 | 010623 | Manoj Kumar Jain | 212 | 7.94 | 118 |
| 322 | 010624 | Manoj Kumar Tyagi | 212 | 6.75 | 118 |
| 323 | 010625 | Mohd Saquib Khan | 212 | 6.52 | 118 |
| 324 | 010626 | Neel Kamal Jaiswal | 212 | 8.29 | 118 |
| 325 | 010627 | Nitesh Kumar | 212 | 7.19 | 118 |
| 326 | 010628 | Pawan Kumar Gupta | 212 | 7.50 | 118 |
| 327 | 010629 | Pradeep Gupta | 212 | 7.56 | 118 |
| 328 | 010630 | Prateek Mathur | 212 | 8.05 | 118 |
| 329 | 010632 | Raj Kunwar Singh | 212 | 5.38 | 118 |


| 330 | 010633 | Rajendra Vijay | 212 | 7.37 | 118 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 331 | 010634 | Ramesh Chandra | 212 | 6.38 | 118 |
| 332 | 010635 | Rohit Kumar Nathany | 210 | 7.34 | 118 |
| 333 | 010636 | Rohit Kumar Singh | 212 | 7.79 | 118 |
| 334 | 010638 | Satyendra Kumar Bansal | 212 | 6.84 | 118 |
| 335 | 010639 | Shashi Prakash | 212 | 6.58 | 118 |
| 336 | 010640 | Snehil Gupta | 212 | 8.00 | 118 |
| 337 | 010641 | Vikas | 212 | 6.19 | 118 |
| 338 | 010642 | Vikas Bhartiya | 212 | 7.08 | 118 |
| 339 | 010643 | Vikas Khadgi | 212 | 5.37 | 118 |
| 340 | 010644 | Vikas Kumar | 212 | 5.92 | 118 |
| 341 | 010645 | Vikas Kushwaha | 212 | 8.12 | 118 |
| 342 | 010909 | Gaurav Gupta | 212 | 8.44 | 118 |
| 343 | 010915 | Lenin Babu Mandalapu | 212 | 8.02 | 118 |
| 344 | 010920 | Pranab Kumar Mishra | 212 | 7.83 | 118 |
| 345 | 000420 | Sumit Roy | 214 | 4.32* | 114 |
| 346 | 010401 | Abhishek Shrivastava | 214 | 8.67 | 114 |
| 347 | 010402 | Amitesh Kumar Masih | 214 | 7.60 | 114 |
| 348 | 010403 | Ankit Kumar | 214 | 8.81 | 114 |
| 349 | 010404 | Ashish Anand | 214 | 8.45 | 114 |
| 350 | 010405 | Ashu Chaudhary | 214 | 6.63 | 114 |
| 351 | 010406 | Bholendra Kumar Gupta | 214 | 8.20 | 114 |
| 352 | 010407 | C P Raghavender | 214 | 7.24 | 114 |
| 353 | 010408 | chandan kumar mishra | 214 | 7.61 | 114 |
| 354 | 010409 | Chetan Mehrotra | 214 | 8.04 | 114 |
| 355 | 010410 | Nitin Chaudhary | 214 | 7.26 | 114 |
| 356 | 010411 | Pankaj Kumar Singh | 214 | 6.39 | 114 |
| 357 | 010412 | Priyank Purwar | 214 | 7.73 | 114 |
| 358 | 010413 | Sajan Hussain | 214 | 7.48 | 114 |
| 359 | 010414 | Sanjay Kumar | 214 | 6.94 | 114 |
| 360 | 010415 | Sanjeev Kumar | 214 | 8.32 | 114 |
| 361 | 010416 | Saurabh Kumar | 214 | 8.42 | 114 |
| 362 | 010417 | Sharad Kumar | 212 | 6.48 | 114 |
| 363 | 010418 | Sherry Chauhan | 214 | 7.01 | 114 |
| 364 | 010419 | Sukhvinder Singh | 214 | 6.34 | 114 |
| 365 | 010420 | Yatendra Singh | 214 | 7.65 | 114 |
| 366 | 990413 | Praveen Verma | 212 | 4.61 * | 114 |


| 367 | 000919 | Deepak Kumar Singh | 209 | $4.47^{*}$ | 119 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 368 | 000927 | Karmveer Singh Shekhawat | 209 | 7.58 | 119 |
| 369 | 000935 | Prabhat Kumar | 209 | $4.4^{*}$ | 119 |
| 370 | 000942 | Rajendra Kumar | 209 | 6.78 | 119 |
| 371 | 000964 | Vishal Anand | 209 | 7.49 | 119 |
| 372 | 010902 | Amit Kumar | 209 | 7.36 | 119 |
| 373 | 010903 | Anand Prakash | 209 | 7.03 | 119 |
| 374 | 010907 | Ashish Khare | 209 | 6.72 | 119 |
| 375 | 010911 | Gyanendra Narayan Tripathi | 209 | 6.24 | 119 |
| 376 | 010916 | Manish Awasthi | 209 | 6.91 | 119 |
| 377 | 010918 | Neel | 209 | 6.30 | 119 |
| 378 | 010921 | Pravesh Goyal | 209 | 6.92 | 119 |
| 379 | 010922 | Pulkit Pokhara | 209 | 7.38. | 119 |
| 380 | 010923 | Rakesh Kumar | 209 | 6.32 | 119 |
| 381 | 010924 | Ritesh Bhatia | 209 | 6.97 | 119 |
| 382 | 010925 | Seetesh Tripathi | 209 | 6.97 | 119 |
| 383 | 010929 | Pranab Prakash | 209 | 7.21 | 119 |
| 384 | 000956 | Sneh Kunj Perna | 209 | $4.68^{*}$ | 119 |

M.Sc./M.Tech.(ES)/M.Arch./M.U.R.P./M.Tech. (Engg.)/ M.C.A./ M.B.A./ M.Phil

M.U.R.P.

| 11. | 032205 | POPTANI KAVITA MAHENDRA | 212 | 96 | 9.23 |
| :--- | :--- | :--- | :---: | :---: | :---: |
| 12. | 032208 | SHIKHA GANDHI | 212 | 96 | 9.17 |
| 13. | 032209 | SHRIMOYEE CHATTERJEE | 212 | 96 | 9.12 |
| 14. | 032203 | MANRAJ GULIANI | 212 | 96 | 8.85 |
| 15. | 032210 | T V RAMAKANTH JAMI | 212 | 96 | 8.48 |
| 16. | 032211 | VIJAY LAKSHMAN VADLAMURI | 212 | 96 | 8.19 |
| 17. | 032202 | MANISH YADAV | 212 | 96 | 7.79 |
| 18. | 032204 | NARESH KUMAR PATEL | 212 | 96 | 7.60 |
| Alternate Hydr Energy System |  | 221 | 90 | 9.58 |  |
| 19. | 032308 | NAVEEN GAUTAM | 221 | 90 | 8.26 |
| 20. | 032307 | MUNAGALA BALASUBRAHMANYAM | 221 | 90 | 7.98 |
| 21. | 032304 | MANGE AMAR VILASRAO | 221 | 90 | 7.78 |
| 22. | 032310 | PRASANTA KUMAR DAS | 221 | 90 | 7.56 |
| 23. | 032312 | SATEESH KUMAR KOLLURI | 221 | 90 | 7.47 |
| 24. | 022302 | ANTRA SAXENA | 221 | 90 | 7.47 |
| 25. | 032306 | MEDIDI V M KISHORE | 221 | 90 | 7.38 |
| 26. | 032311 | RAKESH SHARMA | 221 | 90 | 7.37 |
| 27. | 032302 | JITENDRA VERMA |  |  |  |

M.Tech. Chemical (Computer Aided Process Plant Design)

| 28. | 032403 | ASAD HASAN SAHIR | 231 | 88 | 9.59 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 29. | 032418 | RAVENDRA SINGH | 231 | 88 | 9.41 |
| 30. | 032416 | RAMAKRISHNA YALAMARTHI | 231 | 88 | 9.05 |


| 31. | 032411 | MAYANI MUKESH KHODABHAI | 231 | 88 | 9.00 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 32. | 032407 | GOPALA KRISHNA SURISETTY | 231 | 88 | 8.32 |
| 33. | 032417 | RAUNAQ HASIB | 231 | 88 | 8.18 |
| 34. | 032409 | KALKAR PRASHANT AJIT | 231 | 88 | 8.05 |
| 35. | 032408 | JAGANMOHAN RALLAPALLI | 231 | 88 | 7.91 |
| 36. | 032402 | ANIL KUMAR VERMA | 231 | 88 | 7.72 |
| 37. | 032406 | GIDDALURU̇ VEERENDRA | 231 | 88 | 7.64 |
| 38. | 032412 | N GOPI KIRAN | 231 | 88 | 7.59 |
| 39. | 032413 | NIVESH TIWARI | 231 | 88 | 7.55 |
| 40. | 032415 | RAHUL SURESH BHISIKAR | 231 | 88 | 7.14 |
| 41. | 032401 | AMBATI SUNEETHI KIRAN | 231 | 88 | 6.73 |
| 42. | 032414 | PRIYANKA JAIN | 231 | 88 | 6.59 |
| 43. | 032404 | CHITTIBABU BODDUKURI | 231 | 88 | 6.14 |
| M.Tech. Chemical (Industrial Pollution Abatement) |  |  |  |  |  |
| 44. | 032507 | S. NATARAJ | 232 | 88 | 9.55 |
| 45. | 032513 | VENKAT SURYABHAN MANE | 232 | 88 | 9.04 |
| 46. | 032502 | AMIT R THAKKAR | 232 | 88 | 8.86 |
| 47. | 032512 | SUNDARAMURTHY J | 232 | 88 | 8.82 |
| 48. | 032510 | SAURABH GUPTA | 232 | 88 | 8.73 |
| 49. | 032504 | DEEPAK KUMAR YADAV | 232 | 88 | 7.95 |
| 50. | 032505 | HARCHARAN SINGH | 232 | 88 | 7.95 |
| 51. | 032508 | PRAVEEN BANSAL | 232 | 88 | 7.73 |
| 52. | 032509 | RAJA RAMAN CHAUDHARY | 232 | 88 | 7.50 |
| 53. | 032511 | SAURABH KUMAR | 232 | 88 | 7.18 |
| 54. | 032503 | CHAUDHARI DHARMESHKUMAR BHADARASINH | 232 | 88 | 6.96 |
| 55. | 032506 | MAHENDRA KUMAR VERMA | 232 | 88 | 6.96 |
| M.Tech. Civil (Building Science and Technology) |  |  |  |  |  |
| 56. | 032610 | SANJIB JANA | 241 | 88 | 9.18 |
| 57. | 032602 | AJJARAPU SRINIVASA RAJESH | 241 | 88 | 9.00 |
| 58. | 032612 | SUJIT KUMAR DALUI | 241 | 88 | 8.36 |
| 59. | 032606 | L KRISHNA CHAITANYA REDDY | 241 | 88 | 8.23 |
| 60. | 022605 | ATRI GUPTA | 241 | 88 | 8.19 |
| 61. | 032605 | KISHOR IMMADISETTY | 241 | 88 | 8.05 |
| 62. | 032607 | NGANGSHIMAKOK | 241 | 88 | 7.91 |
| 63. | 032614 | VEERAPANENI BALAKRISHNA | 241 | 88 | 7.82 |
| 64. | 032613 | SUKANTA MONDAL | 241 | 88 | 7.64 |
| 65. | 032601 | A RAMBHUPAL REDDY | 241 | 88 | 7.50 |


| 66. | 032608 | RAMANJANEYULU ANNAM | 241 | 88 | 7.41 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 67. | 032603 | ALOK DAVID JOHN | 241 | 88 | 7.27 |
| 68. | 032611 | SREERAMULU SURAPU | 241 | 88 | 6.45 |

M.Tech. Civil (Computer Aided Design)

| 69. | 032705 | KALYAN GOSWAMI | 242 | 88 | 9.00 |
| :--- | :--- | :--- | :---: | :---: | :---: |
| 70. | 032710 | YUNUS JEMAL HASSEN | 242 | 88 | 8.96 |
| 71. | 032709 | SONI DIPESH RAMESHCHANDRA | 242 | 88 | 8.00 |
| 72. | 032707 | MAHENDRA KUMAR LAL | 242 | 88 | 7.82 |
| 73. | 032708 | MURALIDHAR SARABU | 242 | 88 | 7.73 |
| 74. | 032703 | GUNTAMUKKALA NATA RAJU | 242 | 88 | 7.50 |
| 75. | 032706 | KSHETRAPAL BANTUPALLI | 242 | 88 | 7.46 |
| 76. | 032702 | VANGETI CHAITANYA | 242 | 88 | 7.18 |
| 77. | 032701 | AVINASH SONI | 242 | 88 | 7.00 |

M.Tech. Civil (Environmental Engineering)

| 78. | 032809 | SHUCHI VERMA | 243 | 88 | 10.00 |
| :--- | :--- | :--- | :---: | :---: | :---: |
| 79. | 032812 | VINOTH ANAND M | 243 | 88 | 9.09 |
| 80. | 032802 | JITENDRA KESHAORAO HATWAR | 243 | 88 | 8.68 |
| 81. | 032804 | MANAS HALDER | 243 | 88 | 8.45 |
| 82. | 032801 | ADUSUMALLI VEERA BABU | 243 | 88 | 8.37 |
| 83. | 032808 | SARADE RAVINDRRAKUMAR <br> HANUMANTTRAO | 243 | 88 | 8.00 |
| 84. | 032807 | RAMAKRISHNA S | 243 | 88 | 7.45 |
| 85. | 032803 | KOTTAGULLI VENKATARAO | 243 | 88 | 7.41 |
| 86. | 032810 | SUNEEL KUMAR YADAV | 243 | 88 | 7.37 |
| 87. | 032811 | THUL RAJESH BHIMRAO | 243 | 88 | 7.36 |

M.Tech. Civil (Geotechnical Engineering)

| 88. | 032907 | KALESWARA RAO TELLAKULA | 244 | 88 | 9.23 |
| :--- | :--- | :--- | :---: | :---: | :---: |
| 89. | 032915 | PRABHUNE NITIN NARASINH | 244 | 88 | 8.82 |
| 90. | 032912 | POONDLA VEERA NARAYANA | 244 | 88 | 8.73 |
| 91. | 032911 | N V MAHESHBABU PUSUNURI | 244 | 88 | 8.73 |
| 92. | 032909 | KATTA SREENIVASULU | 244 | 88 | 8.64 |
| 93. | 032914 | VISWANADH PONNURU | 244 | 88 | 8.64 |
| 94. | 032910 | MIRJE PAVANKUMAR RAGHAVENDRA | 244 | 88 | 8.36 |
| 95. | 032913 | VENKATA RAMI REDDY CHALLA | 244 | 88 | 8.27 |
| 96. | 032903 | DOMMETY NAGESWARA RAO | 244 | 88 | 7.59 |
| 97. | 032906 | ISHWARKATTI SIDHARAM HUVANNA | 244 | 88 | 7.41 |
| 98. | 032905 | GAJULA RAMU | 244 | 88 | 7.23 |
| 99. | 032901 | CHANDRASHEKHAR BADAVATH | 244 | 88 | 6.77 |


| 100. | 032902 | CHURCHILL KUMAR | 244 | 88 | 6.73 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 101. | 032904 | VENKATA KISHORE KUMAR G | 244 | 88 | 6.46 |

## M.Tech. Civil (Hydraulic Engineering)

| 102. | 033004 | M RAJESH | 245 | 88 | 8.82 |
| :---: | :--- | :--- | :--- | :--- | :--- |
| 103. | 033009 | SUSMITA GHOSH | 245 | 88 | 8.73 |
| 104. | 033006 | RAJENDRA SOTHWAL | 245 | 88 | 8.32 |
| 105. | 033005 | RAJEEV RANJAN | 245 | 88 | 8.23 |
| 106. | 033007 | SABYASACHI ROY | 245 | 88 | 8.19 |
| 107. | 033003 | HEMAMBARADHAR VOLLA | 245 | 88 | 7.87 |


M.Tech. Civil (Structural Engineering)

| 109. | 033204 | ISHFAQ MOHMAD BEG | 247 | 88 | 9.96 |
| :---: | :--- | :--- | :---: | :---: | :---: |
| 110. | 023214 | SAURABH GUPTA | 247 | 88 | 9.41 |
| 111. | 033206 | K AMARESHWAR | 247 | 88 | 9.32 |
| 112. | 033207 | K SUNIL KUMAR | 247 | 88 | 9.09 |
| 113. | 033205 | JEEVAN A | 247 | 88 | 8.77 |
| 114. | 033213 | SAPNA SINGH | 247 | 88 | 8.50 |
| 115. | 033202 | DANDAMUDI KOTESWARA RAO | 247 | 88 | 8.50 |
| 116. | 033210 | N D SREENATH | 247 | 88 | 8.27 |
| 117. | 033208 | KOTAMRAJU ANIRUDDHA MANJUNATH | 247 | 88 | 8.00 |
| 118. | 033211 | NITIN JOSHI | 247 | 88 | 7.86 |
| 119. | 033212 | PIUSH JAIN | 247 | 88 | 7.68 |
| 120. | 033201 | AJAY VASANTRAO DESHMUKH | 247 | 88 | 7.32 |
| 121. | 033214 | YARLAGADDA AMARNATH | 247 | 88 | 7.00 |

M.Tech. Civil (Transportation Engineering)

| 122. | 033311 | VEERENDRA SINGH | 248 | 88 | 9.32 |
| :---: | :--- | :--- | :---: | :---: | :---: |
| 123. | 033308 | SUNIL GUPTA | 248 | 88 | 9.32 |
| 124. | 033306 | SHARMINDA BERA | 248 | 88 | 9.09 |
| 125. | 033312 | VENKATESWARLU AVVARI | 248 | 88 | 8.86 |
| 126. | 033305 | SATEESH KUMAR M. | 248 | 88 | 8.55 |
| 127. | 033307 | SREEPADAM VAMSEEKRISHNA | 248 | 88 | 8.36 |
| 128. | 033303 | S SUKUMAR RAJU ARAVA | 248 | 88 | 7.96 |
| 129. | 033309 | SURESH MOGADALA | 248 | 88 | 7.95 |
| 130. | 023303 | DEEPAK DWIVEDI | 248 | 88 | 7.86 |
| 131. | 033310 | VAMSI KRISHNA D | 248 | 88 | 7.78 |

## M.Tech. Civil (Geomatics Engineering)

| 132. | 033105 | KRITI MUKHERJEE | 249 | 88 | 9.00 |
| :---: | :---: | :--- | :--- | :--- | :--- |
| 133. | 033110 | RAHUL GOEL | 249 | 88 | 8.73 |


| 134. | 033103 | CHAUHAN HASMUKH JINABHAI | 249 | 88 | 8.32 |
| :---: | :--- | :--- | :--- | :--- | :--- |
| 135. | 033104 | JAYDEEP LAKKAD | 249 | 88 | 8.23 |
| 136. | 033101 | ANURAG KUMAR LAHARE | 249 | 88 | 7.00 |
| 137. | 033111 | SUBRAHMANYAM A V | 249 | 88 | 6.64 |

M.Tech. Earthquake (Soil Dynamics)

| 138. | 033402 | I PRABU | 251 | 94 | 9.70 |
| :--- | :--- | :--- | :---: | :---: | :---: |
| 139. | 033403 | SUBHADEEP BANERJEE | 251 | 94 | 9.53 |
| 140. | 033401 | ASHES MAJI | 251 | 94 | 7.38 |

M.Tech. Earthquake (Structural Dynamics)

| 141. | 033513 | RAN VIJAY SINGH | 252 | 94 | 8.89 |
| :---: | :--- | :--- | :---: | :---: | :---: |
| 142. | 033507 | KULDEEP SINGH | 252 | 94 | 8.53 |
| 143. | 033502 | ATANU BHATTACHARYA | 252 | 94 | 8.19 |
| 144. | 033515 | SUDHANSHU TRIPATHI | 252 | 94 | 8.07 |
| 145. | 033506 | GOPALAKRISHNAN C | 252 | 94 | 7.85 |
| 146. | 033509 | PALLI SRIHARI | 252 | 94 | 7.79 |
| 147. | 033504 | PRASANNA KUMAR DHARMANA | 252 | 94 | 7.74 |
| 148. | 033514 | SHAILESH PRATAP SINGH | 252 | 94 | 7.73 |
| 149. | 033511 | RAJU SONI | 252 | 94 | 7.47 |
| 150. | 033518 | YOGESH KUMAR GUPTA | 252 | 94 | 7.43 |

M.Tech. Electrical (Measurement \&s Instrumentation)

| 151. | 033813 | SEBANTI SANYAL | 261 | 91 | 9.48 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 152. | 033817 | UMESH PANDEY | 261 | 91 | 8.93 |
| 153. | 033811 | PREM VASANTHA KUMAR MANDIMALA | 261 | 91 | 8.67 |
| 154. | 033801 | ASIF AHMED | 261 | 91 | 8.45 |
| 155. | 034105 | BIRHANU MENGISTU | 261 | 89 | 8.36 |
| 156. | 033815 | SIRAT MOINUDDIN | 261 | 91 | 7.99 |
| 157. | 033803 | DHARMAPURIKAR AMIT VITHALRAO | 261 | 91 | 7.90 |
| 158. | 033807 | BHUSHAN KUMAR M | 261 | 91 | 7.77 |
| 159. | 033805 | JAGDISH PATI | 261 | 89 | 7.53 |
| 160. | 033814 | SHANKAR BABU DHARAVATH | 261 | 91 | 7.41 |
| 161. | 033809 | PARATE AVINASH ANAND | 261 | 91 | 7.28 |
| 162. | 033810 | PRAMOD KUMAR MEHTA | 261 | 91 | 7.14 |
| 163. | 033802 | DEEPU C VARUGHESE | 261 | 91 | 7.09 |

M.Tech. Electrical (System Engineering \& Operations Research)

| 164. | 033909 | SEBY THOMAS | 262 | 89 | 9.35 |
| :---: | :--- | :--- | :---: | :---: | :---: |
| 165. | 033907 | MUSKU NAVEEN KUMAR REDDY | 262 | 91 | 8.31 |
| 166. | 033908 | PARVEEN KUNDU | 262 | 91 | 8.25 |
| 167. | 033904 | HEERA SINGH RATHLAVATH | 262 | 91 | 7.39 |


| 168. | 033901 | SRIKANTH REDDY BETHI | 262 | 91 | 7.38 |
| :---: | :--- | :--- | :---: | :---: | :---: |
| M.Tech. Electrical (Power System Engineering) |  |  |  |  |  |
| 169. | 034006 | SATISH KUMAR SINGH | 263 | 91 | 9.41 |
| 170. | 034004 | RAJESH S JAVERIA | 263 | 89 | 9.00 |
| 171. | 034001 | KESHIREDDY SAIDIREDDY | 263 | 91 | 8.55 |
| 172. | 034005 | RAGHUNATH BABU B | 263 | 91 | 7.51 |
| 173. | 034003 | NANDIPATI RAVI | 263 | 91 | 7.49 |
| 174. | 034008 | VASUNDHARA MAHAJAN | 263 | 91 | 6.71 |

## M.Tech. Electrical (Power Apparatus \& Electric Drives)

| 175. | 034114 | PUVVULA SIVA KRISHNA | 264 | 91 | 9.42 |
| :---: | :--- | :--- | :---: | :---: | :---: |
| 176. | 034117 | SIDDHAPURA KUMAN RANCHHODBHAI | 264 | 89 | 9.36 |
| 177. | 034112 | PRASHANT SHARMA | 264 | 91 | 8.78 |
| 178. | 034104 | BHARAT SINGH RAJPUROHIT | 264 | 91 | 7.88 |
| 179. | 034106 | BONDADA SUBBARAO | 264 | 91 | 7.72 |
| 180. | 034107 | D AMARNATH REDDY | 264 | 91 | 7.71 |
| 181. | 034102 | ALOK NAYAL | 264 | 89 | 7.65 |
| 182. | 034110 | DHIRENDRA SINGH | 264 | 89 | 7.53 |
| 183. | 034108 | DACHURI CHAITANYA | 264 | 91 | 7.40 |
| 184. | 034111 | NEERAJ GOVIND DHOPTE | 264 | 91 | 7.21 |
| 185. | 034115 | RASHMILATA BEHERA | 264 | 91 | 7.20 |
| 186. | 034109 | DEEPAK KUMAR GOYAL | 264 | 89 | 6.77 |

M.Tech. E \& C (Communication Systems)

| 187. | 034201 | BHAVIN SHAH | 271 | 88 | 8.43 |
| :---: | :--- | :--- | :---: | :---: | :---: |
| 188. | 034203 | CHITWAN ARORA | 271 | 88 | 8.41 |
| 189. | 034205 | JOGINIPALLY SAI KRISHNA | 271 | 88 | 8.41 |
| 190. | 034208 | RAVIKANT SAINI | 271 | 88 | 8.23 |
| 191. | 034211 | SUALEHA MUMTAZ CHAWLA | 271 | 88 | 7.98 |
| 192. | 034209 | SHREE DEVI YADAM | 271 | 88 | 7.75 |
| 193. | 034204 | EBIN M MANUEL | 271 | 88 | 7.66 |
| 194. | 034206 | KAMAL DEEP | 271 | 88 | 7.36 |
| 195. | 034212 | VIJAY KUMAR PATEL | 271 | 88 | 7.30 |
| 196. | 034202 | BISWANATH GOSWAMI | 271 | 88 | 7.00 |
| 197. | 034210 | SIVAKUMAR REDDY K | 271 | 88 | 6.89 |

## M.Tech. E \& C (Control \& Guidance)

| 198. | 034502 | EHTESHAM HASSAN | 274 | 88 | 9.07 |
| :---: | :--- | :--- | :---: | :---: | :---: |
| 199. | 034503 | KIRAN BHASKAR | 274 | 88 | 8.41 |
| 200. | 034504 | SATISH C.V. | 274 | 88 | 8.20 |
| 201. | 034505 | V S ADITYA KHAMBAMPATI | 274 | 88 | 7.80 |

M.Tech. E \& C (Computer Science \& Engineering)

| 202. | 034622 | V P L N SWAMY NALLAMALLI | 275 | 88 | 9.32 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 203. | 034614 | RITESH AGARWAL |  |  |  |
| 204. | 034605 | CHANDRAPAL PARITOSHKUMAR <br> PREMJIBHAI | 275 | 88 | 9.23 |
| 205. | 034607 | K DEVI SYAMALA DEEPTHI | 275 | 90 | 8.76 |
| 206. | 034602 | B V PRASAD | 275 | 88 | 8.61 |
| 207. | 034608 | MURAGESH BAGALI | 275 | 88 | 8.59 |
| 208. | 034613 | RAKESH KUMAR AGRAWAL | 275 | 88 | 8.52 |
| 209. | 034616 | S RAMA MURTHY NIDUMUKKALA | 275 | 90 | 8.18 |
| 210. | 034611 | PREVINDRA KUMAR | 275 | 88 | 8.14 |
| 211. | 034606 | HEMANT SALWAN | 275 | 88 | 7.82 |
| 212. | 034609 | NEERAJ BAKSHI | 275 | 88 | 7.82 |
| 213. | 034619 | SOMESH JAIN | 275 | 90 | 7.78 |
| 214. | 034621 | THAKUR PRAVIN SHRIRAM | 275 | 88 | 7.45 |
| 215. | 034615 | PRADEEP ROY | 275 | 88 | 7.43 |
| 216. | 034612 | R M BHANU KIRAN | 275 | 88 | 7.23 |
| 217. | 034603 | BHANU SATISH KUMAR GURRALA | 275 | 88 | 7.20 |

M.Tech. E\& C (R.F. Microwave Engineering)

| 218. | 034301 | ARUN KUMAR | 276 | 90 | 7.20 |
| :--- | :--- | :--- | :---: | :---: | :---: |
| M.Tech. E \& C (Semiconductor Devices \& VLSI Tech.) |  |  |  |  |  |
| 219. | 034408 | NITIN PANT | 277 | 88 | 8.39 |
| 220. | 034403 | BHUNESH SINGH KSHATRI | 277 | 88 | 8.02 |
| 221. | 034401 | ABHISHEK GUPTA | 277 | 90 | 7.20 |
| 222. | 034411 | PRATAP PULI | 277 | 88 | 7.18 |
| 223. | 034410 | PIYUSH SHARMA | 277 | 90 | 7.02 |
| 224. | 034407 | NAVAN RAMESH RAJU | 277 | 88 | 7.00 |

M.Tech. Mech. \& Indl. (Machine Design Engineering)

| 225. | 034704 | BINOD KUMAR AGRAWAL | 281 | 88 | 8.91 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 226. | 034710 | SHINDE SUYOG GOPAL | 281 | 90 | 8.31 |
| 227. | 034708 | B.S. RAJU PENMETSA | 281 | 90 | 8.14 |
| 228. | 034701 | ANANT PATIL | 281 | 90 | 8.11 |
| 229. | 034711 | SOWJANYA G | 281 | 88 | 8.04 |
| 230. | 034703 | BANKIM CHANDRA BISWAS | 281 | 88 | 7.95 |
| 231. | 024710 | JITENDRA SINGH RATHORE | 281 | 88 | 7.82 |
| 232. | 034702 | AVADESH KUMAR SHARMA | 281 | 88 | 7.45 |
| 233. | 024712 | MANISH KUMAR | 281 | 88 | 7.18 |
| 234. | 034712 | SUDHANSHU SHARMA | 281 | 88 | 7.05 |


| M.Tech. Mech. \& Ind1. (Production 8\% Industrial Systems Engineering) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 235. | 034808 | PRASHANT K JAMWAL | 282 | 88 | 9.73 |
| 236. | 034807 | PANKAJ KUMAR SHARMA | 282 | 88 | 8.96 |
| 237. | 034802 | ATUL KUMAR SHARMA | 282 | 88 | 8.91 |
| 238. | 034813 | VIVEK KUMAR GUPTA | 282 | 88 | 8.73 |
| 239. | 034806 | NEERAJ SHARMA | 282 | 88 | 8.68 |
| 240. | 034811 | RAMU CHALUMURI | 282 | 88 | 8.32 |
| 241. | 034812 | SUDIP SARDAR | 282 | 88 | 8.23 |
| 242. | 034801 | AMANUEL TESGERA BASHA | 282 | 88 | 8.09 |
| 243. | 034804 | LOKESH SINGH PANGTEY | 282 | 88 | 7.82 |
| 244. | 034803 | KALE GOVIND ANAND | '282 | 88 | 7.68 |
| 245. | 034809 | PURNENDRA KUMAR PARKAR | 282 | 88 | 7.45 |
| M.Tech. Mech. 8\% Ind1. (Thermal Engineering) |  |  |  |  |  |
| 246. | 034910 | SATBIR SINGH SEHGAL | 283 | 88 | 9.32 |
| 247. | 034901 | ALOK KUMAR | 283 | 88 | 8.68 |
| 248. | 034915 | VENU GOPAL REDDY L | 283 | 88 | 8.55 |
| 249. | 034909 | PAWAR SUMEDH PUNDLIK | 283 | 88 | 8.37 |
| 250. | 034911 | JAIN SAURABH VIJAY | 283 | 88 | 7.96 |
| 251. | 034914 | U NARAYANA MURTHY | 283 | 88 | 7.82 |
| 252. | 034902 | ALOK PANDE | 283 | 88 | 7.54 |
| 253. | 034903 | BRAHMA MUNDA | 283 | 88 | 7.36 |
| 254. | 034905 | MANOJ BHAURAO PANTDE | 283 | 88 | 7.14 |
| M.Tech. Mech. \&\% Indi. (Welding Engineering) |  |  |  |  |  |
| 255. | 035001 | KHAPARDE RAJESH SHRIRAM | 284 | 88 | 7.77 |
| M.Tech. Mett. \& Mat. (Industrial Metallurgy) |  |  |  |  |  |
| 256. | 035109 | YOGGIRAJ URKUDABHAU PARDHI | 291 | 92 | 9.13 |
| 257. | 035103 | PANDYA SHAILESHKUMAR NATVARLAL | 291 | 92 | 8.52 |
| 258. | 035102 | DEEPAK KUMAR | 291 | 92 | 8.09 |
| 259. | 035107 | SOMANATH BEHERA | 291 | 92 | 8.00 |
| 260. | 035108 | SREENU BANOTHU | 291 | 92 | 7.57 |
| M.Tech. Mett. \& Mat. (Physical Metallurgy) |  |  |  |  |  |
| 261. | 035210 | VIKRAM VERMA | 292 | 92 | 8.87 |
| 262. | 035208 | SUNAYAN THAKUR | 292 | 92 | 8.61 |
| 263. | 035205 | HARI KRISHNAN K | 292 | 92 | 8.48 |
| 264. | 035203 | DAITARI KAMILA | 292 | 92 | 8.17 |
| 265. | 035209 | UTTAM KUMAR DAS | 292 | 92 | 7.96 |
| 266. | 035202 | AMIT VIRMANI | 292 | 92 | 7.74 |
| 267. | 035206 | KUNTAL MAITI | 292 | 92 | 7.52 |
| 268. | 035201 | AKHILESH KUMAR | 292 | 92 | 6.48 |


| M.Tech. P \& P (Pulp \& Paper) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 269. | 035307 | SANJAY KUMAR YADAV | 301 | 88 | 8.54 |
| 270. | 035304 | NITIN PURUSHOTTAM MOON | 301 | 88 | 8.09 |
| 271. | 035301 | AMIT KUMAR GAUTAM | 301 | 88 | 7.69 |
| 272. | 035308 | SUMIT KEWALRAM KANHEKAR | 301 | 88 | 7.55 |
| 273. | 035302 | DILEEP KUMAR HARIJAN | 301 | 88 | 6.73 |
| M.Sc. (Biotechnology) |  |  |  |  |  |
| 274. | 036103 | ARPANA DUTTA | 311 | 96 | 8.84 |
| 275. | 036118 | POOJA SABHARWAL | 311 | 97 | 8.77 |
| 276. | 036107 | DEEPAK MITTAL | 311 | 101 | 8.51 |
| 277. | 036115 | MANI SINGH | 311 | 96 | 8.25 |
| 278. | 036102 | AMIT KUMAR | 311 | 97 | 8.23 |
| 279. | 036122 | SHISHIR KUMAR UPADHYAYA | 311 | 97 | 8.21 |
| 280. | 036119 | PRATYUSH ROUTRAY | 311 | 100 | 8.00 |
| 281. | 036109 | FAROOQUI SARFARAZHUSSAIN MURTUZAHUSS | 311 | 96 | 7.96 |
| 282. | 036114 | MANEESH KUMAR | 311 | 96 | 7.92 |
| 283. | 036112 | KALYANA CHAKRAVARTHI D. | 311 | 97. | 7.91 |
| 284. | 036101 | AMIT KUMAR | 311 | 96 | 7.88 |
| 285. | 036120 | SANTHOSH KUMAR SATAPATI | 311 | 96 | 7.88 |
| 286. | 036117 | NEERAJ KAPUR | 311 | 96 | 7.88 |
| 287. | 036104 | CHETALI RAO | 311 | 97 | 7.85 |
| 288. | 036116 | MURLI MANOHAR | 311 | 97 | 7.40 |
| 289. | 036113 | MAMTA JAISWAL | 311 | 96 | 7.17 |
| 290. | 036123 | SIVA PRASAD RAMOJU | 311 | 96 | 7.04 |
| 291. | 036121 | SHALINI KUMARI | 311 | 97 | 6.92 |
| 292. | 036111 | KALPANA | 311 | 96 | 6.84 |
| 293. | 036105 | DEEPAK KUMAR S/O SRI A. SINGH | 311 | 97 | 6.62 |
| 294. | 036110 | HIMESH AGRAWAL | 311 | 101 | 6.61 |
| 295. | 036108 | DHARMENDRA SINGH | 311 | 97 | 6.54 |
| 296. | 036106 | DEEPAK KUMAR S/O SRI C. M. SINGH | 311 | 96 | 6.46 |
| M.Sc. (Chemistry) |  |  |  |  |  |
| 297. | 036226 | SUDARSHANA MUKHERJEE | 322 | 96 | 9.81 |
| 298. | 036223 | SHITANSHU PATI TRIPATHI | 322 | 96 | 9.08 |
| 299. | 036210 | ANJALI JHA | 322 | 96 | 8.87 |
| 300. | 036227 | SUJATA KASHYAP | 322 | 96 | 8.87 |
| 301. | 036221 | RAVI KUMAR | 322 | 96 | $8 . \overline{75}$ |
| 302. | 036222 | SAMARPITA KABIRAJ | 322 | 98 | 8.41 |
| 303. | 036232 | V. SRAVANTI | 322 | 96 | 8.40 |


| 304. | 036206 | DEBASHREE DAS | 322 | 98 | 8.31 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 305. | 036203 | AMIT SHUKLA | 322 | 96 | 8.25 |
| 306. | 036225 | SHRAVAN KUMAR SINGH | 322 | 96 | 8.23 |
| 307. | 036214 | KINGSUK MAITY | 322 | 98 | 8.18 |
| 308. | 036207 | DHEERAJ KUMAR AWASTHI | 322 | 96 | 7.82 |
| 309. | 036208 | GARIMA JAIN | 322 | 96 | 7.77 |
| 310. | 036204 | AMULYA RANJAN | 322 | 96 | 7.73 |
| 311. | 036209 | GARIMA RAJPUT | 322 | 96 | 7.63 |
| 312. | 036201 | AFTAB ALAM KHAN | 322 | 96 | 7.48 |
| 313. | 036211 | VENKATA NARASIMHA RAO K | 322 | 96 | 7.41 |
| 314. | 036220 | RAKESH KUMAR | 322 | 96 | 7.40 |
| 315. | 036234 | VISHAL KUMAR RAJPUT | 322 | 96 | 7.37 |
| 316. | 036233 | V.K. MAHESH | 322 | 96 | 7.29 |
| 317. | 036228 | SUSHIL KUMAR | 322 . | 96 | 7.27 |
| 318. | 036202 | AJEET SINGH | 322 | 96 | 7.27 |
| 319. | 036215 | MUNISH SUDAN | 322 | 96 | 7.23 |
| 320. | 036217 | PARIMAL PRABHAT | 322 | 96 | 7.16 |
| 321. | 036224 | SHOBHIT NIGAM | 322 | 96 | 6.83 |
| 322. | 036230 | SUNIL REDDY YEDULLA | 322 | 96 | 6.69 |
| 323. | 036216 | NEHA | 322 | 96 | 6.54 |
| 324. | 036205 | CHANDRESH PRAKASH | 322 | 98 | 6.12 |
| 325. | 036219 | RABINDRA JAIN BIRULY | 322 | 96 | 5.98 |
| 326. | 026321 | NEELAM | 322 | 96 | 5.88 |
| 327. | 036218 | PRADEEP KUMAR | 322 | 96 | 5.65 |
| 328. | 036212 | KAILASH CHAND | 322 | 96 | 5.52 |
| 329. | 026317 | LOKESHWARI | 322 | 96 | 5.44 |
| M.Sc. Earth Science (Applied Geology) |  |  |  |  |  |
| 330. | 036412 | SURYA PRAKASH DAS | 331 | 101 | 9.06 |
| 331. | 036407 | SARASWAT SWAIN | 331 | 101 | 8.82 |
| 332. | 036408 | SAURABH VIVEK | 331 | 101 | 8.46 |
| 333. | 036401 | KUMAR VIVEK | 331 | 101 | 7.96 |
| 334. | 036411 | SUNIL KUMAR SAHU | 331 | 101 | 7.86 |
| 335. | 036409 | SUMANTA KUMAR CHATTERJEE | 331 | 99 | 7.84 |
| 336. | 036410 | SUMANTA SARKAR | 331 | 99 | 7.83 |
| 337. | 036403 | MANISH KUMAR SINGH | 331 | 101 | 7.83 |
| 338. | 036405 | SANDHANI SARMAH | 331 | 101 | 7.73 |
| 339. | 036402 | L.H. YURSEMLA | 331 | 99 | 7.12 |
| 340. | 036404 | MANISHA SRI | 331 | 101 | 7.09 |


| 341. | 036406 | SANJIV KUMAR | 331 | 101 | 6.24 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| M.Tech. Earth Science (Applied Geophysics) |  |  |  |  |  |
| 342. | 026515 | VIKAS SALUJA | 332 | 140 | 8.85 |
| 343. | 026505 | ASHISH MISRA | 332 | 138 | 8.75 |
| 344. | 026509 | DEV KUMAR | 332 | 140 | 8.58 |
| 345. | 026516 | SOSINA SHIMELES | 332 | 138 | 8.55 |
| 346. | 026508 | DEEPA | 332 | 138 | 8.21 |
| 347. | 026503 | ANOOP SINGH | 332 | 138 | 8.21 |
| 348. | 026511 | NAINA GUPTA | 332 | 140 | 8.07 |
| 349. | 026512 | SHWET NISHA SINGH | 332 | 138 | 8.03 |
| 350. | 026507 | DEBI PRASAD RATH | 332 | 138 | 7.98 |
| 351. | 026513 | SUDHIR KUMAR | 332 | 138 | 7.97 |
| 352. | 026502 | AMIT KUMAR | 332 | 138 | 7.71 |
| 353. | 026506 | CHIRAG TYAGI | 332 | 140 | 7.51 |
| 354. | 026504 | ARCHIT SHARMA | 332 | 138 | 7.49 |
| 355. | 026510 | JYOTI CHAWALA | 332 | 138 | 7.25 |
| 356. | 026514 | VED PAL SINGH | 332 | 138 | 7.04 |
| M.Tech. Earth Science (Applied Geology) |  |  |  |  |  |
| 357. | 026617 | SUDIPTA DASGUPTA | 333 | 141 | 9.31 |
| 358. | 026613 | RAJAT SINGH RATHORE | 333 | 141 | 9.00 |
| 359. | 026616 | ROHIT MOHANTY | 333 | 139 | 8.62 |
| 360. | 026612 | PRIYANKA HAZARIKA | 333 | 139 | 8.58 |
| 361. | 026602 | ANINDA GHOSH | 333 | 141 | 8.57 |
| 362. | 026606 | HEMLATA | 333 | 141 | 8.52 |
| 363. | 026611 | PINAKI MALLICK | 333 | 139 | 8.44 |
| 364. | 026608 | MOUMITA DUBEY | 333 | 141 | 8.42 |
| 365. | 026604 | ARINDAM KANRAR | 333 | 139 | 8.40 |
| 366. | 026610 | PEEYUSH UPADHYAY | 333 | 139 | 8.21 |
| 367. | 026609 | NABANITA RAHA | 333 | 139 | 7.97 |
| 368. | 026605 | CHIRANJIT GUHA | 333 | 139 | 7.82 |
| 369. | 026603 | ANIRBAN BHOWMIK | 333 | 141 | 7.40 |
| 370. | 026615 | RAJESH KUMAR | 333 | 141 | 6.94 |
| 371. | 026607 | KHWAIRAKPAM BALJIT SINGH | 333 | 139 | 6.84 |
| 372. | 026618 | TUHIN PODDER | 333 | 139 | 6.47 |
| 373. | 026601 | AMITESH DIWAKAR | 333 | 139 | 6.29 |
| Master of Computer Applications |  |  |  |  |  |
| 374. | 026715 | NITIN MUKHIJA | 341 | 138 | 9.69 |
| 375. | 026711 | LOKESH JAIN | 341 | 138 | 9.65 |


| 376. | 026708 | GAURAV AGRAWAL | 341 | 138 | 9.35 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 377. | 026702 | ANANT RASTOGI | 341 | 138 | 9.06 |
| 378. | 026729 | SOURABH SHARMA | 341 | 138 | 8.99 |
| 379. | 026727 | SHARAD SRIVASTAVA | 341 | 138 | 8.92 |
| 380. | 026730 | SUMEET GUJRATI | 341 | 138 | 8.85 |
| 381. | 026706 | BRISH BHANUJA KAUSHIK | : 341 | 138 | 8.78 |
| 382. | 026736 | YOGESH | 341 | - 138 | 8.29 |
| 383. | 026719 | PRASOON GUPTA | 341 | 138 | 8.08 |
| 384. | 026710 | KISHORE KUMAR GARG | 341 | 138 | 8.02 |
| 385. | 026704 | ASHUTOSH KUMAR | 341 | 138 | 7.92 |
| 386. | 026735 | VIPIN KUMAR | 341 | 140 | 7.81 |
| 387. | 026716 | PAWANDEEP SINGH | 341 | 138 | 7.78 |
| 388. | 026718 | PRAMILA AGRAWAL | 341 | 138 | 7.57 |
| 389. | 026721 | RAVI SHANKAR | 341 | 138 | 7.45 |
| 390. | 026703 | ANKIT JALOTA | 341 | 138 | 7.43 |
| 391. | 026733 | UJJWAL JOHN | 341 | 138 | 7.42 |
| 392. | 026720 | RAVI SANWAL | 341 | 138 | 7.42 |
| 393. | 026701 | ABHAY KUMAR MISRA | 341 | 138 | 7.19 |
| 394. | 026712 | LOKESH PANDAY | 341 | 138 | 7.19 |
| 395. | 026713 | MANGLESH MANI TIWARI | 341 | 140 | 7.12 |
| 396. | 026707 | DEEPA | 341 | 138 | 7.07 |
| 397. | 026726 | SAURABH SRIVASTAVA | 341 | 140 | 7.06 |
| 398. | 026717 | PRADEEP KUMAR | 341 | 140 | 6.90 |
| 399. | 026709 | ISHRAT ALI | 341 | 140 | 6.67 |
| 400. | 026705 | ASHWINI KUMAR SINGH | 341 | 140 | 6.54 |
| 401. | 026714 | NEERAJ KUMAR SINGH | 341 | 140 | 6.35 |
| 402. | 026731 | SUNIL KUMAR | 341 | 140 | 6.26 |
| 403. | 026725 | SATINDER PAL | 341 | 138 | 6.22 |
| 404. | 026722 | SANJAY MATHUR | 341 | 140 | 5.80 |
| 405. | 026723 | SANJAY PANWAR | 341 | 138 | 5.74 |
| 406. | 026728 | SMITA GURIA | 341 | 138 | 5.70 |
| 407. | 026734 | VIJAI PRATAP CHAUHAN | 341 | 140 | 5.66 |
| 408. | 026732 | SUSHMA SETENG BARI | 341 | 138 | 5.14 |
| M.Phil. (Mathematics) |  |  |  |  |  |
| 409. | 046804 | SHAILEE BHARDWAJ | 351 | 43 | 8.79 |
| 410. | 046803 | NEETU | 351 | 43 | 8.16 |
| 411. | 046801 | KRISHNA CHANDRA MISHRA | 351 | 43 | 7.88 |
| 412. | 046802 | N. PRABHU | 351 | 43 | 6.21 |


| 413. | 046805 | VARUN KUMAR TANWAR | 351 | 43 | 5.96 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| M.Sc. (Applied Mathematics) |  |  |  |  |  |
| 414. | 036915 | NEHA ARORA | 352 | 99 | 9.52 |
| 415. | 036901 | AMIT ARORA | 352 | 99 | 9.05 |
| 416. | 036918 | PRIYANKA SAINI | 352 | 9.9 | 9.03 |
| 417. | 036917 | PRACHI SHARMA | 352 | 100 | 8.90 |
| 418. | 036916 | PANKAJ KUMAR GUPTA | 352 | 99 | 8.13 |
| 419. | 036902 | ANKIK KUMAR GIRI | 352 | 99 | 7.97 |
| 420. | 036920 | SUNIL KUMAR | 352 | 99 | 7.96 |
| 421. | 036907 | GAURAV BHATNAGAR | 352 | 99 | 7.95 |
| 422. | 036919 | RAJESH KUMAR | 352 | 99 | 7.92 |
| 423. | 036908 | GEETA KUMARI | 352 | 100 | 7.86 |
| 424. | 036903 | ASHISH KUMAR SHARMA | 352 | 99 | 7.85 |
| 425. | 036913 | MUSRRAT ALI | 352 | 99 | 7.46 |
| 426. | 036914 | NEESHU JAIN | 352 | 99 | 7.32 |
| 427. | 036912 | KULVEER SINGH | 352 | 99 | 6.97 |
| 428. | 036911 | KULDEEP CHAUDHARY | 352 | 99 | 6.81 |
| 429. | 036906 | DEV DATTA | 352 | 99 | 6.71 |
| 430. | 036922 | VIKAS KUMAR | 352 | 99 | 6.37 |
| 431. | 036904 | DEEPAK KUMAR SHARMA | 352 | 99 | 5.85 |
| M.Sc. (Industrial Mathematics \& Informatics |  |  |  |  |  |
| 432. | 037001 | ARUN KUMAR | 353 | 97 | 7.88 |
| 433. | 037007 | RAVI PANKAJ | 353 | 99 | 7.80 |
| 434. | 037004 | PREETI GUPTA | 353 | 99 | 7.42 |
| 435. | 037008 | SHAILENDRA KUMAR SAHARAN | 353 | 97 | 7.09 |
| 436. | 037005 | PRIYANKA RASTOGI | 353 | 99 | 6.97 |
| 437. | 037009 | SAURABH BHARGAVA | 353 | 97 | 6.84 |
| 438. | 037006 | RAJKUMAR | 353 | 97 | 6.57 |
| 439. | 027005 | NEESHA DEVI | 353 | 96 | $\overline{6.09}$ |
| 440. | 037002 | ASHISH GUPTA | 353 | 97 | 5.78 |
| M.Phil. Physics (Instrumentation) |  |  |  |  |  |
| 441. | 047101 | AMRITA SINGH | 361 | 42 | 8.81 |
| 442. | 047102 | APOORV KUMAR SHUKLA | 361 | $4 \overline{2}$ | 8.50 |
| 443. | 047107 | SURAJ SINGH SAINI | 361 | 42 | 7.67 |
| 444. | 047105 | PAWAN KUMAR | 361 | 42 | 7.64 |
| M.Sc. (Physics) |  |  |  |  |  |
| 445. | 037304 | ARPANA PRASAD | 363 | 96 | 8.52 |
| 446. | 037306 | DINESH KUMAR | 363 | 96 | 8.52 |


| 447. | 037331 | SUSHIL KUMAR | 363 | 96 | 8.44 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 448. | 037326 | SARITA MANN | 363 | 96 | 8.23 |
| 449. | 037310 | HARI SHANKAR SOLANKI | 363 | 96 | 8.21 |
| 450. | 037321 | RAHUL SINGHAL | 363 | 96 | 8.17 |
| 451. | 037301 | AMIT THAKUR | 363 | 96 | 8.15 |
| 452. | 037327 | SAURABH KUMAR SRIVASTAVA | 363 | 97 | 8.07 |
| 453. | 037315 | NIDHI SHARMA | 363 | 96 | 8.02 |
| 454. | 037307 | DINESH KUMAR SHARMA | 363 | 96 | 7.86 |
| 455. | 037319 | PRABHAT KUMAR | 363 | 96 | 7.81 |
| 456. | 037305 | ASHWANI KUMAR | 363 | 96 | 7.79 |
| 457. | 037308 | DURGESH KUMAR YADAV | 363 | 96 | 7.71 |
| 458. | 037324 | RITU VISHNOI | 363 | 96 | 7.50 |
| 459. | 037313 | KAPIL DEV | 363 | 96 | 7.36 |
| 460. | 037318 | PARUL SINGHAL | 363 | 96 | 7.25 |
| 461. | 037328 | SHIPRA | 363 | 96 | 7.23 |
| 462. | 037322 | RAJYAVARDHAN RAY | 363 | 96 | 7.17 |
| 463. | 037320 | PRADEEP KUMAR | 363 | 97 | 6.98 |
| 464. | 037330 | SURESH KUMAR R. | 363 | 96 | 6.92 |
| 465. | 037332 | T INDRASENA REDDY | 363 | 96 | 6.90 |
| 466. | 037333 | YOGITA KUMARI | 363 | 96 | 6.86 |
| 467. | 037329 | SHIVANI AVASTHI | 363 | 96 | 6.84 |
| 468. | 037303 | ARCHANA MISHRA | 363 | 96 | 6.79 |
| 469. | 037302 | ANU MALIK | 363 | 96 | 6.76 |
| 470. | 037323 | NAGESWARA RAO RAVIPATI | 363 | 96 | 6.75 |
| 471. | 037316 | NITIN KUMAR | 363 | 96 | 6.40 |
| 472. | 037317 | NUTAN CHOUDHARY | 363 | 96 | 6.38 |
| 473. | 037311 | JITESH KUMAR | 363 | 96 | 6.31 |
| 474. | 037314 | KAPIL DEV SINDHU | 363 | 96 | 6.21 |
| 475. | 027322 | MUNISH BAGAN | 363 | 96 | 6.12 |
| 476. | 037312 | SIVASHANKAR KOYA | 363 | 96 | 5.85 |
| 477. | 037309 | GEETANJALI | 363 | 96 | 5.68 |
| M.Tech. Physics (Solid State Electronic Materials) |  |  |  |  |  |
| 478. | 037209 | SOURAV SAHA | 364 | 92 | 9.56 |
| 479. | 037208 | SHREENIWAS DAULATABAD | 364 | 92 | 8.63 |
| 480. | 037205 | SANDIP DAS | 364 | 92 | 8.61 |
| 481. | 037206 | SANTI PRASAD CHAKRABARTI | 364 | 88 | 8.25 |
| 482. | 037204 | RANDHIR XALXO | 364 | 88 | 7.91 |
| 483. | 037211 | VINOD KUMAR GOTHWAL | 364 | 88 | 7.82 |


| 484. | 037207 | SATISH RAJ GOYAL | 364 | 88 | 7.20 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 485. | 037210 | SURENDER SINGH | 364 | 88 | 6.91 |
| Master of Business Administration |  |  |  |  |  |
| 486. | 037502 | ABHISHEK GARG | 371 | 102 | 9.49 |
| 487. | 037531 | RAJANI BHIMALINGAM | 371 | 102 | 8.49 |
| 488. | 037532 | RICHA MİSHRA | 371 | 102 | 8.48 |
| 489. | 037513 | GUNJAN BHARGAVA | 371 | 102 | 8.41 |
| 490. | 037505 | ATUL DUTTA DWARY | 371 | 102 | 8.38 |
| 491. | 037530 | PURTI SINHA | 371 | 102 | 8.02 |
| 492. | 037517 | NAVIN KUMAR CHUGH | 371 | 102 | 8.00 |
| 493. | 037525 | PARVEEN BANSAL | 371 | 102 | 7.99 |
| 494. | 037503 | ANKESH | 371 | 102 | 7.93 |
| 495. | 037533 | ROLI BAJPAI | 371 | 102 | 7.91 |
| 496. | 037529 | PRATUL VARSHNEY | 371 | 102 | 7.76 |
| 497. | 037520 | NITIN CHOUDHARY | 371 | 102 | 7.75 |
| 498. | 037519 | NEHA AGARWAL | 371 | 102 | 7.69 |
| 499. | 037536 | SHAH MANANKUMAR BHUPENDRABHAI | 371 | 102 | 7.66 |
| 500. | 037512 | GOBIND AGARWAL | 371 | 102 | 7.48 |
| 501. | 037535 | SAURABH MEHTA | 371 | 102 | 7.46 |
| 502. | 037515 | MANPREET SINGH KAPOOR | 371 | 102 | 7.42 |
| 503. | 037526 | PAWAN SANDEEP DWIVEDI | 371 | 102 | 7.34 |
| 504. | 037514 | KARDAM MANISH KUMAR ASHOK KUMAR | 37.1 | 102 | 7.32 |
| 505. | 037538 | SWAR SUBHASH | 371 | 102 | 7.29 |
| 506. | 037504 | ANUJ DUA | 371 | 102 | 7.21 |
| 507. | 037541 | N VINAY KUMAR | 371 | 102 | 7.13 |
| 508. | 037518 | NEERAJ NANGIA | 371 | 102 | 7.11 |
| 509. | 037528 | PRASHANT TYAGI | 371 | 102 | 6.95 |
| 510. | 037510 | GAUTAM SINGH | 371 | 102 | 6.95 |
| 511. | 037523 | AADITYA SHRIRAM PARANJAPE | 371 | 102 | 6.92 |
| 512. | 037543 | VINESH BAJAJ | 371 | 102 | 6.90 |
| 513. | 037522 | PARAG POL | 371 | 102 | 6.88 |
| 514. | 037544 | VISWANATH K | 371 | 102 | 6.83 |
| 515. | 037509 | DIVYANG GUPTA | 371 | 102 | 6.81 |
| 516. | 037527 | PRASHANT KUMAR | 371 | 102 | 6.77 |
| 517. | 037506 | BALAKISHTA REDDY SANDEEP REDDY | 371 | 102 | 6.76 |
| 518. | 037542 | VINAY SHARMA | 371 | 102 | 6.69 |
| 519. | 037537 | SUMIT GUPTA | 371 | 102 | 6.64 |


| 520. | 037511 | GIRISH KUMAR SURPUR | 371 | 102 | 6.53 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 521. | 037508 | DISHA GUPTA | 371 | 102 | 6.36 |
| 522. | 037516 | MOHIT SARANGAL | 371 | 102 | 6.35 |
| 523. | 037521 | PANKAJ KUMAR | 371 | 102 | 6.33 |
| 524. | 037534 | SANCHIT KAMBLE | 371 | 102 | 5.94 |
| 525. | 037540 | VENKET RAJUS R | 371 | 102 | 5.64 |
| M.Tech. Hydrology ( Surface Water) |  |  |  |  |  |
| 526. | 037703 | GORA LAL BANSAL | 381 | 88 | 9.00 |
| 527. | 037705 | VENIGALLA SRINIVASU | 381 | 88 | 8.27 |
| 528. | 037704 | JADHAV ROHANKUMAR RANGRAO | 381 | 88 | 7.59 |
| M.Tech. Hydrology ( Ground Water) |  |  |  |  |  |
| 529. | 037805 | SATHE AMEYA RAJIV | 382 | 88 | 9.68 |
| 530. | 037803 | LAXMI KANT KACHHWAL | 382 | 88 | 9.27 |
| 531. | 037804 | RAJAT BANSAL | 382 | 88 | 9.18 |
| M.Tech. Hydrology ( Watershed Management) |  |  |  |  |  |
| 532. | 037903 | PRABEER KUMAR PARHI | 383 | 88 | 8.77 |
| 533. | 037901 | BHUPENDRA GAUCHAN | 383 | 88 | 8.68 |
| 534. | 037902 | HTAY HTAY THAN | 383 | 88 | 8.64 |
| 535. | 037905 | SURENDRA KUMAR JHA | 383 | 88 | 8.50 |
| 536. | 037904 | RANJIT KUMAR | 383 | 88 | 8.50 |
| M.Tech. WRD (Civil) |  |  |  |  |  |
| 537. | 038012 | RAGHURAM M. | 391 | 90 | 9.96 |
| 538. | 038002 | AMBUJ DWIVEDI | 391 | 90 | 9.48 |
| 539. | 038015 | VIVEK TRIPATHI | 391 | 90 | 9.47 |
| 540. | 038006 | GETNET YAYEH MULUYE | 391 | 90 | 8.93 |
| 541. | 038013 | ROY PANAGOM PARDEDE | 391 | 90 | 8.85 |
| 542. | 038009 | JOY DEEP DUTTA | 391 | 90 | 8.55 |
| 543. | 038004 | DWI HARI SHANTI | 391 | 90 | 8.29 |
| 544. | 038010 | MD. MONIRUL ISLAM | 391 | 90 | 8.12 |
| 545. | 038007 | HERU SETIADI | 391 | 90 | 8.07 |
| 546. | 038003 | ANGGARA WIYONO WIT SAPUTRA | 391 | 90 | 7.99 |
| 547. | 038011 | NARENDRA SINGH BHANDARI | 391 | 90 | 7.51 |
| 548. | 038005 | FERDY FIRMANSYAH | 391 | 90 | 7.48 |
| 549. | 038001 | AGUS SUHANDOKO | 391 | 90 | 6.86 |
| M.Tech. WRD (Mechanical) |  |  |  |  |  |
| 550. | 038202 | PRADEEP JHA | 392 | 89 | 9.49 |
| 551. | 038201 | MD. ABDUL WAHAB | 392 | 89 | 8.68 |
| 552. | 038203 | RAJAN MAN SHRESTHA | 392 | 89 | 8.31 |
| 553. | 038204 | YAKOB TAMU AMA LAY | 392 | 89 | 7.90 |


| M.Tech. WRD (Irrigation Water Management) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 554. | 038308 | TARUN BHATNAGAR | 393 | 91 | 9.18 |
| 555. | 038306 | RAJESHWAR YADAV | 393 | 91 | 8.78 |
| 556. | 038303 | CHHEDI LAL GUPTA | 393 | 91 | 8.28 |
| 557. | 038307 | RAMESH PANWAR | 393 | 91 | 7.66 |
| 558. | 038305 | RAJ KUMAR SHREEVASTAW | 393 | 91 | 7.21 |
| 559. | 038301 | ADHAM TULAGANOV | 393 | 92 | 7.13 |
| 560. | 038302 | AGUS REJEKI N.N. | 393 | 92 | 6.73 |
| M.Tech. WRD (Hydroelectric System Engg. \& Management) |  |  |  |  |  |
| 561. | 038102 | SANDIP KUMAR DEV | . 394 | 88 | 8.42 |
| 562. | 038101 | IRFFAN EFFENDY | 394 | 88 | 7.33 |
| M.Tech. E \& C (Information Technology) |  |  |  |  |  |
| 563. | 039008 | SUNEET GROVER | 401 | 88 | 9.64 |
| 564. | 039010 | VINAY ARYA | 401 | 88 | 8.36 |
| 565. | 039003 | HEMLATA SATANKAR | 401 | 88 | 7.73 |
| 566. | 039009 | VANZARA RAKESHKUMAR DILIPKUMAR | 401 | 88 | 7.70 |
| 567. | 039006 | RAVIKANT AMBADAS GEDAM | 401 | 90 | 7.49 |
| 568. | 039007 | SAJIN P | 401 | 88 | 7.12 |

Ph.D.

| $\begin{aligned} & \text { Sl. } \\ & \text { No. } \end{aligned}$ | Enrl. No. | NAME OF RESEARCH SCHOLAR | DEPARTMENT/ CENTRE |
| :---: | :---: | :---: | :---: |
| 1. | 976205 | SALIM A. | ARCH. \& PLANNING |
| 2. | 209101 | MONICA | BIOTECHNOLOG Y |
| 3. | 99875 | RUMA GANGULY | BIOTECHNOLOGY |
| 4. | 910909 | ANURAG GARG | CHEMICAL ENGG. |
| 5. | 72473 | RAVINDRA BHARGAVA | CHEMICAL ENGG. |
| 6. | 018808 | KEERTI KHANDEKAR | CHEMISTRY |
| 7. | 018803 | NIRUPMA SINGH | CHEMISTRY |
| 8. | 975309 | SANDEEP POKHARIA | CHEMISTRY |
| 9. | 017509 | ADNAN JAYED ZEDAN | CIVIL ENGG |
| 10. | 017522 | AKHILESHWAR KUMAR SINGH | CIVIL ENGG. |
| 11. | 017521 | MOHAMED ABD EL-AZIZ IBRAHIM ABD EL-AZIZ | CIVIL ENGG. |
| 12. | 017515 | MOUSTAFA AHMED KAMEL ADB-EL-GHAFFAR | CIVIL ENGG. |
| 13. | 017519 | PUSADKAR SUNIL SHALIGRAM | CIVIL ENGG. |
| 14. | 85433 | RAHUL DEV GARG | CIVIL ENGG. |
| 15. | 99560 | SEE MA SAINI | DPT, SAHARANPUR |
| 16. | 209001 | AMIT SAHAY | EARTH SCIENCES |
| 17. | 964207 | RAJEEV KUMAR | EARTH SCIENCES |
| 18. | 99820 | SATVINDAR SINGH | EARTH SCIENCES |
| 19. | 984208 | UMESH KUMAR HARITASHYA | EARTH SCIENCES |
| 20. | 017807 | RAM BAHADUR PATEL | ELECT. \& COMP. ENGG. |
| 21. | 017606 | ASHWANI KUMAR | ELECTRICAL |


| 22. | 915908 | DILBAG SINGH | ELECTRICAL |
| :--- | :--- | :--- | :--- |
| 23. | 018603 | SANGEETA YADAV | HUM. \& SOCIAL <br> SCIENCES |
| 24. | 208602 | RASHMI GUPTA | HUM. \& SOCIAL <br> SCIENCES |
| 25. | 018605 | RASHYAN MEETU CHAMAN LAL | HUM. \& SOCIAL <br> SCIENCES |
| 26. | 208601 | NEELAM SINGH | HUM. \& SOCIAL <br> SCIENCES |
| 27. | 207702 | ABDUL HAMEED M. JAWAD <br> ALOBAIDY | HYDROLOGY |
| 28. | 018307 | HUSSAIN MUSA HUSSAIN | HYDROLOGY |
| 29. | 018312 | MUFID SADIE A.G.AL-HADITHI | HYDROLOGY |
| 30. | 995002 | ASHOK KUMAR MITTAL | MATHEMATICS |
| 31. | 964507 | DEEPTI RANI | MATHEMATICS |
| 32. | 954602 | NEERAJ BHARDWAJ | MATHEMATICS |
| 33. | 964528 | SATAKSHI | MATHEMATICS |
| 34. | 017710 | PRADEEP KUMAR SINGH | MECHANICAL |
| 35. | 207701 | ZAW WIN | MECHANICAL |
| 36. | 976102 | PUNIT KUMAR | PHYT. \& MAT. ENGG |
| 37. | 99655 | AMRISH KUMAR PANWAR | PHYSICS |
| 38. | 984905 | ARUN KUMAR UPADHAYAYA | PHYSICS |
| 39. | 99654 | PIYUSH DUA | SACHIN SAXENA |
| 40. | 99656 | SHYSICS |  |
|  |  |  |  |

## CONVOCATION FUNCTION

## President's Gold Medal

Deepak Raghuwanshi B.Tech. (CSE)
For obtaining highest C.G.P.A. amongst the undergraduating students of the Institute.

## The President of India, Dr. Shankar Dayal Sharma Gold Medal

For outstanding proficiency including character, conduct and excellence in acacemi performance, extra-curricular activities and social seryices.

## Director's Gold Medal

For the best all-rounder from amongst the undergraduating students of the Bachelor Technology/Bachelor of Arcinitecture.

## Dr. Jai Krishna Gold Medal

For the best student in B.Tech./B.Arch. Courses for having outstanding. performance Academics and Sports.

## Institute Silver Medal

For obtaining the highest C.G.P.A. amongst the students undergraduating in the respective disciplines as follows:

| (I) | Rohit Kumar Sinha | B.Tech. (Civil) |
| :--- | :--- | :--- |
| (II) | Rachit Gupta | B.Tech. (Elect.) |
| (III) Ms. Jaishree | B.Tech. (Mech.) |  |
| (IV) Ankit Kumar | B.Tech. (Prod.\& Indi.) |  |
| (V) Ms Samita Singh | B.Tech. (E\&C) |  |
| (VI) Apeksha Maheshwari | B.Tech. (Chemical) |  |
| (VII) Sachin Pandey | B.Tech.(Met. \& Mat.) |  |
| (VIII) Karmveer Singh Shekhawat | B.Tech. (P\&P) |  |
| (IX) Ajeet Kumar Gupta | B.Arch. |  |

## INDIAN INSTTUTE OF EOHSOLOCY, ROORKEE

## NAME OF DEPTT./ CENTRE: Department of Ebectical Enginearing

1. Subject Code: EE-532 Course Title: Intelligent Sensors and instrumentation
2. Contact Hours

L: 3;
3. Examination Duration (Hrs.)
$\therefore \quad \vdots$
Ti 1 ;
P; O;
4. Relative Weightage: CWS 2 [5].PRS 00 MTE 25 ETE 5 [0 PRE 0
5. Credits:

| 0 | 4 | 6. | Semester |
| :--- | :--- | :--- | :--- |

8. Subject Area: PG-14
9. Pre-requisite: NIL
10. Objective of Course: The objective of the course is

- To familiarize the students with the state of art of smart, intelligent and network senso and instrumentation systems.
- To give students an insight into the design of intelligent instrumentation systems $w$ variety of sensors; including their networking.
?
;

10. Details of Course:

| S. No. | Particulars | Contact Hou |
| :---: | :---: | :---: |
| 1. | Basic concépts | 4 |
| 2. | Smart Sensors and Sensor Networking | 7 |
| 3. | MEM sensors | 5 |
| 4. | Intelligent and Network Sensors | 7 |
| 5. | Intelligent linstrumentation Systems. | 8 |
| -6. | Case Studies: Smart and MEM Seensors, Intelligent and Network Sensors and Intelligent instrumentation Systems |  |
| 7. | Future Trends: Neurosensors; Biosensors, Soft Computing Techniques in Instrumentation. | 5 |
|  | Total | 42 |

11. Suggested Books:

| S. No. | Name of Books/ Authors | Year of Publication |
| :---: | :---: | :---: |
| 1. | Handbook of Modern Sensors: Physics, design and Applications; Fraden, J. | AIP Press, 2003 |
| 2. | Understanding Smart Sensors; Frank R. | Artech House Publishers, 200 |
| 3. | Intelligent Sensors; Yamasaki H : | Elsevier, 1996 |
| 4. | Sensors and Signal Conditioning, 2nd Edition; Ramón Pallás-Areny and Webster J. G | John Wiley and Sons, 2001 |
| 5. | Wireless Sensor Networks; Feng Zhao and Leonidas Guibas | Morgan Kaufmann Publishers 2004 |
| 6. | Intelligent Instrumentation; Bainey G | Prentice-Hall inc., 1985 |
| 7. | Motion Control for Intelligent Automation; De Carii, A. and Masada, F | Elsevier Science and Technolo: 1997 |

10: Detais of Course

| STO. | Payculars | Contact Hours |
| :---: | :---: | :---: |
|  |  | W8, 6 \% |
|  |  |  |
|  |  |  |
|  |  | W W Wrat |
| S, |  | W6, |
| 6. | Apelcatonotuasionic anmals in nedicines valuable prodicts | 5 4 4 |
| 7.6 | Conditional trans eaic, anmals and apelication mbionedicireve | W 5 \% |
| 8 \%, | Poductionaydapplication of tansgenchish, poulty breeds, , \% | W42\% |
| 9 \% | Transgenc animals in understanding diseases and their cures ho | 66 |
|  | Total | : 42 |

II.

Suggested Books:

| S. No. | Name of Books/Authors | Year of Publication |
| :---: | :---: | :---: |
| 1. | Transgenic Animal Technology: A Laboratory Fandbook/ Carl A Pinkart (Academic Press) | 2002 |
| 2. | Manpulating Mouse Emboy: a Labomony Vanmal B. Hogan, F. Constantan and E. Lancy (Cod Sping Hator Laboratory) | 1994 |
| 3. | Mowse Genetios and Trangenesis A matchappoach' 3 . Jackon and C. M. Abot (Owert Unemery Pats) | 2000 |
| \% |  Whemed BTOS Scmum Prolsher íg | 2004 |

NAME OF DEPTT./CENTRE: Electrical Engineering Department

1. Subject Code: EE-554
2. Contact Hours: L: 3
3. Examination Duration (Hrs.):

Course Title: Control Techniques in Power Electronics For AC Drives

 5. Credits:

6. Semester

## 7. Pre-requisite: Power Electronics and Electric Drives.

9. Objective:

The superior torque density, speed range, and ruggedness of ac motors as compared to de motors are achieved by more sophisticated control systems.' Energyefficient wide range control with ac motors may be performed only through frequency and voltage control. However, for fast torque control, required in high performance ac drives; decoupled control of flux current and torque current virtual components of stator current has to be performed. Several control techniques such as Field Oriented Control; Direct torque control and Energy efficient control etc for AC motors are used. Voltage source inverters use to provide variable voltage to AC motors, employ several modulation techniques.

The aim of the present course is to discuss in depth the various advanced control techniques for Power Electronic Controllers used in AC drives. The mathematical model of AC machines for different control techniques will also be discussed.
10. Details of Course:

| S.No. | Particulars | Contact Hours |
| :---: | :--- | :---: |
| 1. | Review of Pulse Width Modulation Techniques for Voltage <br> Source Inverters | 3 |
| 2. | Matrix Converter, Advanced Current Controllers | 5 |
| 3. | Control and Modeling of PWM Inverter-Fed Induction Motors, <br> Vector Control, Direct and Indirect Field Oriented Control | 6 |
| 4. | Control Techniques for PMSM Drives, Flux Weakening Control, <br> Constant Power Loss Controller. | 6 |
| 5. | Control and Modeling of Synchronous Reluctance Machines | 5 |
| 6. | Direct Torque and Flux Control of AC Drives | 5 |
| 7. | Neural Network and Fuzzy Logic Control in Power Electronics | 6 |
| 8. | Control and Modeling of Three-phase PWM Rectifiers | 6 |
|  |  | Tetal |


| S.No. | Name of Books/Authors <br> 1.Dubey, G.K., "Power Semiconductor Controlled Drives" <br> Prentice Hall, New Jersey. | Year of <br> Publication |
| :---: | :--- | :---: |
| 2. | Mohan, N., Underland, T.M., Robbins, W.P., "Power Electronics <br> -Converters, Applications and Design", John Wiley \& Sons <br> Inc., New York. | 2004 |
| 3. | Kazmierkpwski, Marian P., Knshnan, R., Blaabjerg, F., "Contro <br> in Power Electronics - Selected - Selected Problems", Academic <br> Press, New York. | 2002 |
| 4. |  <br> Control", Prentice Hall of India, New Delhi. | 20001 |
| 5. | Bose, B.K., "Power Electronics \& Variable Frequency Drives - <br> Technology \& Applications", IEEE Press, Standard Publisher <br> Distribution. | 2000 |
| 6. | Vas, Peter, "ElectricalMachines \& Drives - A Space Vector <br> Theory Approach", Oxford Science Publications. | 1992 |

## INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

## NAME OF DEPTT./CENTRE: Electrical Engineering Department

## 1. Subject Code: EE-555 <br> Course Title: FACTS Devices

2. Contact Hours:
L: 3
T: 1
P: 0
3. Examination Duration (Hrs.):

Theory


Practical

4. Relative Weightage:

CWS


PRS


MTE

5. Credits:

6. Semester


## 7. Pre-requisite: Power Electronics and Power Systems. <br> 9. Objective:

8. Subject Area: PG-14

FACTS is one aspect of the power electronics revolution that is taking place in all areas of electric energy. In the transmission area, application of power electronics consists of HVDC and FACTS. In the distribution area, Custom Po妾er, which incorporates power electronic controllers, enables the delivery of reliable electric service (which is free from significant voltage reductions, voltage distortions and over-voltages) to industrial and commercial customers. In general, FACTS has the principal role to enhance controllability and power transfer capability in ac systems.

The aim of the present course is to familiarize the students with the concept of FACTS, shunt and series compensators, Unified Power Flow Controller (UPFC), control techniques, application of FACTS in HVDC and enhancement of system dynamic and Transient stability.
10. Details of Course:

| S.No. | Particulars | Contact Hours |
| :---: | :---: | :---: |
| 1. | FACTS: Concept, Power flow and Stability, Basic Theory of Line Compensation | 4 |
| 2. | Review of PWM Voltage Source Inverters, Classifications of FACTS controllers | 4 |
| 3. | Static shunt compensators: SVC andSTATCOM-TCR, TSC, System Stability. | 6 |
| 4. | Static Series compensators: GCSC, TSSC, TCSC and SSSC, Control. Techniques. | 6 |
| 5. | Static voltage and phase angle regulators: Power flow control, TCVR and TCPAR. | 4 |
| 6. | The Unified Power Flow Controller (UPFC) and Interline Powes Flow Controller (IPFC) | 4 |
| 7. | Modeling offACT'S Devices | 4 |
| 8. | Co-ordination of FACTS devices with HVDC links | 3 |
| 9. | FACTS optimization, Transients and Dynamic Stability Enhancement | 4 |
| 10. | Advanced FACTS devices, case studies and other applications of FACTS controllers. | 3 |
|  | Total | 32 |

11. Suggested Books:

| S.No. | Name of Books/Authors | Year of Publication |
| :---: | :---: | :---: |
| 1. | Rashid, MuhammadH.," Power Electronics - Circuits, Devices, and Applications", 3rd Edition, Pearson Education. | 2007 |
| 2. | Dubey, G.K., Doradla, S.R., Joshi, A., Sinha, R.M.K., "Thyristorised Power Controllers" Wiley Eastem, Limited, New Delhi. | 1993 |
| 3. | Lander, Cyril W., "Power Electronics", McGrawHill International Editions, New York. | 1993 |
| 4. | Mohan, N., Underland, T.M., Robbins, W.P., "Power Electronics - Converters, Applications and Design", John Wiley \& Sons Inc., New York. | 2004 |
| 5. | Paice, Derek A., 'Power Electronic Converter Harmonics Multipulse methods for clean power:, IEEE press, New York. | 1995 |
| 6. | Kazmierkpwski, Marian P., Krishnan, R., Blaabjerg, F., "Control in Power Electronics - Selected Problems", Academic Press, New York. | 2002 |

Recommendations of the committee constituted to reconsider mercy appeals of the students whose registration were terminated during the Spring Semester 2004-2005.

Anshuman Verma, B.Tech. Elect. (970210)

In view of his medical leave and serious illness, Mr. Verma may be allowed to register himself provisionally for the Autumn Semester 200506 subject to the approval of the Senate to complete the one course of Management in the Autumn Semester.

An undertaking from the student and fitness certificate from the doctors be obtained by DUGS.

## Abhishek Verma, B.Tech. Civil (990104)

The committee considered the mercy appeal and the fact that the candidate did not register for two years (2003-04, 2004-05) due to medical reasons. The student be allowed to register himself provisionally for the Autumn Semester 2005-06, subject to the approval of the Senate. Committee also considered the fact that Mr. Verma was admitted when Medical Leave was not considered in the six year period. Further, he will not be given any more chance.

An undertaking from Mr. Verma and fitness certificate from the doctors be obtained by DUGS.

Mabateye Michael, B.Tech. Mech. (980520)

Mr. Michael's mercy appeal was considered with the plea that he was admitted in 1998 when medical leave was not considered against the six year limit. Therefore, in view of medical illness he may be allowed to register himself provisionally for Autumn Semester 2005-06, subject to the approval of the Senate. Further, he will not be given any more chance.

## Shashi Shekhar, B. Tech. E\&C (030526)

The committee recommends that the student be allowed to register himself provisionally for the Autumn Semester 2005-06, subject to approval of the Senate due to medical reasons. Further, he may be asked to clear his backlog first.

Vikas Kumar Kaushik, B.Tech. Elect. (020258)
In view of medical reasons the student could not complete the required credits at the end of third year but can complete the programme within the stipulated time (six years) The committee recommends that the student be allowed to register himself provisionally for the Autumn Semester 2005-06 subject to the approval of the Senate. Further, he may be asked to clear his backlog first.

An undertaking from Mr. Kaushik and fitness certificate from the doctors be obtained by DUGS.

## Ritesh Kumar, B.Tech. CSE (030820)

The committee considered the case of Mr. Ritesh Kumar in view of his mental state due to the death of his mother and other medical reasons. Committee recommended that the student be allowed to register himself provisionally for the Autumn Semester 2005-06 subject to the approval of the Senate. Further, he may be asked to clear his backlog first.

An undertaking from Mr. Kumar be obtained by DUGS. Above students be informed that in future no mercy appeal will be considered.

