

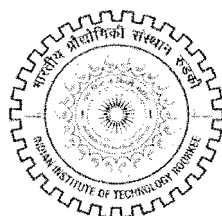
भारतीय प्रौद्योगिकी संस्थान रुड़की
रुड़की – 247 667 (भारत)
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
ROORKEE - 247 667 (INDIA)



सीनेट की पचहत्तरवीं बैठक हेतु कार्य सूची
AGENDA FOR THE
75th MEETING OF THE SENATE

बैठक सं०	: पचहत्तरवीं
MEETING NO.	: 75th
स्थान	: सीनेट हॉल, भा० प्रौ० सं० रुड़की
VENUE	: Senate Hall, IIT Roorkee
दिनांक	: 1 अक्टूबर 2018
DATE	: 1st October 2018
समय	: 3.30 बजे अपरान्ह
TIME	: 3.30 P.M.

भारतीय प्रौद्योगिकी संस्थान रुड़की
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
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कार्यसूची / A G E N D A

मुद्दा सं०/ Item No.	विवरण / Particulars	पृष्ठ / Page(s)
75.1	सीनेट की दिनांक 14.08.2018 को आयोजित हुई 74वी बैठक के कार्यवृत्त की पुष्टि करना। To confirm the minutes of the 74 th meeting of the Senate held on 14.08.2018.	1
75.2	सीनेट की दिनांक 14.08.2018 को आयोजित हुई 74वी बैठक में लिए गए निर्णयों के क्रियान्वयन हेतु की गई कार्रवाई को रिपोर्ट करना। To report on the actions taken to implement the decisions of the Senate taken in its 74 th meeting held on 14.08.2018.	2-7
75.3	सत्र 2017-18 के उन छात्रों को उपाधियां/डिप्लोमाज प्रदान करने पर विचार किया जाना, जिन्होंने विभिन्न अध्ययनों/पाठ्यक्रमों में उपाधियां/डिप्लोमाज प्राप्त किए जाने की अर्हता प्राप्त की है। To consider award of Degrees/Diplomas to the students who have qualified for the award of Degrees/Diplomas in various disciplines/courses for the session 2017-18.	8-95(d)
75.4	एकीकृत दोहरी डिग्रियों के नाम के हिन्दी अनुवाद पर समिति की मंजूरी को रिपोर्ट करना। To report the approval of the committee on Hindi translation of the name of Integrated Dual Degrees to be awarded.	96-99
75.5	सीनेट आनरेरी डिग्री समिति (एसएचडीसी) की सिफारिश को रिपोर्ट करना। To report the recommendation of Senate Honorary Degree Committee (SHDC).	100
75.6	पीएचडी विनियमों पर प्रो० मनीष श्रीखंडे समिति की रिपोर्ट पर विचार करना। To consider the report of Prof. Manish Shrikhande Committee on Ph.D. Regulations.	101-162
अन्य मद अध्यक्ष की अनुमति से/Under any item with the permission of the Chair.		

Item No. 75.1: To confirm the minutes of the 74th meeting of the Senate held on 14.08.2018.

The minutes of the 74th meeting of the Senate held on 14.08.2018 were circulated to the members vide e-mail dated 06.09.2018. No comments has been received.

The Senate may consider confirming the said minutes.

Item No.75.2: To report on the actions taken to implement the decisions of the Senate taken in its 74th meeting held on 14.08.2018.

The minutes of the 74th meeting of the Senate held on 14.08.2018 were circulated to the members vide e-mail dated 06.09.2018. The status of actions taken to implement the decisions of the Senate are as under:

Item No.	Reference to the Senate minutes	Abstract of the Minutes	Status of action taken
74.3	Amendment in the constitution of the Institute Academic Program Committee (IAPC)	<p>The Senate approved the amendment in the constitution of the IAPC as follows:</p> <ul style="list-style-type: none"> (a) Dean, Academic Affairs - Chairperson (b) All Associate Deans, Academic Affairs (c) The immediate past Dean, Academic Affairs (d) Two Senate Nominees (e) Chairs of all DAPCs and CAPCs (f) Four students' representatives nominated by the Dean of Students' Welfare, out of which at least one be a girl student (g) Two officers from the Academic Office, one of whom will be the Secretary 	Notified and uploaded on Channel-i.
74.4	Amendment in the constitution of the Institute Research Committee (IRC)	<p>The Senate approved the amendment in the constitution of the IRC as follows:</p> <ul style="list-style-type: none"> (a) Dean, Academic Affairs - Chairperson (b) All Associate Deans, Academic Affairs (c) The immediate past Dean, Academic Affairs (d) Two Senate Nominees (e) Chairs of all DRCs and CRCs (f) One research scholar each from Sciences, 	Notified.

		Engineering and Management/HSS Department, out of which at least one be a girl student, to be nominated by DOSW. (g) Two officers from Academic Office, one of whom will be the Secretary	
74.5	Proposal that Industrial/Educational tour in UG Curriculum be made optional.	The Senate approved the proposal.	Notified and uploaded on Channel-i.
74.6	Proposal of allowing program elective courses across specializations.	The Senate approved the proposal.	Notified and uploaded on Channel-i.
74.7	Proposal to provide flexibility in choosing the number of Program Elective Course(s) in a semester from 3 rd year onwards.	The Senate approved the proposal.	Notified and uploaded on Channel-i.
74.8	Proposal to amend the eligibility criteria to switch over to the IDD program after completion of B. Tech. 3 rd year if CGPA \geq 7.50.	The Senate allowed the switch over from B.Tech. to IDD program with CGPA 7.50. Further, eligibility criteria for switch over was amended as CGPA \geq 7.50.	Notified and uploaded on Channel-i.
74.9	Letter from The Institute of Chartered Accountants of India to recognize Chartered Accountancy Course with graduation degree as a PG degree in Commerce and to consider it as eligibility criteria for the Ph.D. program.	The Senate approved the proposal with the following eligibility criteria: (a) CA with a graduate degree be considered as only graduate degree for admission to the Ph.D. program in Department of Management Studies.	Notified.

		(b) The screening criteria shall be minimum 60% marks / 6.0 CPI in the graduate degree. This may be relaxed to 55% marks / 5.5 CPI for SC/ST and PD candidates.	
74.10	Modified program structure and syllabi of the courses of M. Tech. (Communication Systems) of the Department of Electronics and Communication Engineering.	The proposal may be revised as per the approved structure of the M.Tech. program.	Letter has been sent to the Head, E&CE for amendments in the structure.
74.11	Process of admission in Ph.D. for senior professionals	The Senate approved the proposal alongwith guidelines. Further decided that the candidates selected under this program during the first one year be reported to the Senate.	Dean of Academic Affairs has been informed.
74.12	Report of Prof. Manish Shrikhande Committee on Ph.D. Regulations.	The item was postponed for detailed deliberations in the next Senate meeting.	Separate agenda Item No. 75.6 is placed before the Senate.
74.13	Following requests/appeals from students: (i) Extension in time limit of students who have already availed one year extension beyond permissible limit. (ii) Continuation of program in spite of not fulfilling the minimum earned credit requirement.	After detailed deliberations, the Senate did not accept the requests/appeals.	Letters have been issued to concerned students.

74.14	Requests of two faculty members for allowing joint supervision of Ph.D. candidates enrolled in AIIMS, Rishikesh and Lulea Technical University, Sweden.	The Senate approved the proposal. It was also decided that a committee be formed to review the existing criteria.	Notified.
74.15	Request of Mr. Manohare Manish Purushottam, 17511008, MURP who has switched over to Ph.D. program and has also got a PMRF Seat at IIT Roorkee.	The Senate approved the proposal.	Dean of Academic Affairs has been informed.
74.17	<p>Following appeals of students:</p> <p>(a) Three students, who are faculty at NIT Uttarakhand and have completed M.Tech. from IIT Roorkee, have requested to admit them in the Ph.D. program and to give them waiver in course work.</p> <p>(b) Mr. Sompal Singh, En. No. 17919011, research scholar in the Department of Mathematics, has made an appeal to allow him to repeat the year to improve CGPA of course work in Ph.D. program.</p> <p>(c) Mr. Sarvesh Kumar (En. No. 17919010), Research Scholar, Deptt of Mathematics has</p>	<p>The Senate first considered the recommendation of Prof. Manish Shrikhande Committee as given at Clause R.4.1 Minimum CGPA and Probation, being modified by 22nd IRC in its meeting on 25.07.2018. The Senate approved the clause with a note that the additional courses taken will be new courses. The Senate also recorded that candidacy requirement for such candidates will be discussed when the Prof. Manish Shrikhande report comes up for discussion. Based on the above, the Senate allowed the 'Appeals' as listed at 'b' to 'e'. As course registrations are over for Autumn semester 2018-2019, this semester will be counted as on-leave semester for these students.</p> <p>The Senate approved the request made by faculty working at NIT Uttarakhand seeking admission and course waiver in the Ph.D.</p>	Notified.

	<p>requested to give him a chance to improve the grades of a course on Finite Element Method to improve CGPA in course work in PhD program.</p> <p>(d) Mr. Raj Kumar Mishra, JRF, MIED requested that he may be allowed admission to the Ph.D. program for Autumn semester 2018-2019 under Project Category.</p> <p>(e) Two research students who could not either meet or are not likely to meet the requirement of 7.000 CGPA in pre Ph.D. courses have appealed for continuation of their Ph.D. program.</p>	program under MoU with IIT Roorkee.	
74.18	Panel of Senate Nominees for the Selection Committee for the Group 'A' positions of Library (Librarian, Dy. Librarian, Assistant Librarian), Scientific and Computer Staff in IIC & ICC.	The Senate approved the Panel of Senate Nominees	Dean (Admn.) has been informed.
74.19	Proposal to admit Sponsored candidates in PG Diploma and M.Tech. Programs as part time students with residency requirement only for the duration of their course work.	The Senate approved that sponsored candidate(s) be admitted if granted leave from their organizations for the duration of the course work, and be allowed to convert into a part-time program after the completion of their course work. The rules of the part-time program will be applicable after the conversion.	Notified and uploaded on Channel-i.

74.20	Seat matrix for Ph.D. admissions with Institute Assistantship for the Spring semester (2018-2019).	The Senate approved the proposal.	Notified.
74.21	Report of the Senate Committee on Scholarships and Prizes for Convocation - 2018.	The Senate approved the report.	List of Award winners has been declared.
74.22	The admission of a Project Fellow working in a consultancy project having R&D component, as a Ph.D. research student.	The Senate referred the issue to Dean SRIC to examine whether consultancy projects with a research component can be registered as sponsored projects. In that case, admission of a Project Fellow as a Ph.D. student will be possible as per the norms for sponsored projects.	Dean of Academic Affairs has been informed.
74.23	Proposal for constituting a Senate Honorary Degree Committee (SHDC) for recommending names for Honoris Causa.	The Senate approved the proposal.	SHDC has been constituted.
74.24	Model of the Annual Convocation which does not require the presence of the Chief Guest for more than two hours.	<p>The Senate accepted the proposals as under, in addition to the model followed in 2017:</p> <ol style="list-style-type: none"> 1. Convocation function be divided into two parts. 2. First part will be of maximum of two hours duration and will have the Chief Guest. 3. Second part will have two sessions (one for UG and another for PG) for distribution of the degrees to the recipients by the Director, in the presence of the students' parents. 	Dean of Academic Affairs has been informed.
Items No. 74.16 & 74.25 were only for ratification of the Senate.			

Item No. 75.3: To consider award of Degrees/Diplomas to the students who have qualified for the award of Degrees/Diplomas in various disciplines/courses for the session 2017-18.

2026 candidates have completed requirement for Undergraduate, Integrated Dual Degree, Postgraduate and Ph.D. programs in their respective branches/ areas for the session 2017-18 as per details given below:

Sl. No.	Name of the Degrees	No. of Degree
1.	B.Tech./B.Arch./IDD/Integrated Degrees (Appendix 'A')	949
2.	M.Tech./M.Arch./M.U.R.P./M.Sc./ M.B.A./M.Tech. (SSEM)/ M.Tech. (Advanced Methods of Chemical Analysis)/ Diplomas (Appendix 'B')	785
3.	Ph.D. Degrees (to be recommended)* (Appendix 'C') (185 Nos. have already been recommended by the Senate in the earlier meetings)	107 185
	Total	2026

The Senate may consider recommending to the Board of Governors the award of various Degrees/Diplomas as mentioned above. The UG/IDD and PG/Ph.D. Degrees will be awarded to these candidates in the Convocation of the Institute scheduled on 6th & 7th October 2018, respectively.

**INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
ROORKEE**

LIST OF UNDERGRADUATE DEGREE RECEPIENTS 2018

SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	DEPT	CGPA
1	180001	13110001	AKASH CHAUDHARY	101	B.Arch.		AR	7.173
2	180002	13110002	AKASH RAJESH MISTRY	101	B.Arch.		AR	6.458
3	180003	13110003	AKSHAY PALIWAL	101	B.Arch.		AR	7.547
4	180004	13110004	AMIT MAJUMDAR	101	B.Arch.		AR	6.57
5	180005	13110005	ANKIT KUMAR	101	B.Arch.		AR	6.257
6	180006	13110006	ANURAG RANJAN	101	B.Arch.		AR	6.776
7	180007	13110007	ASHWINI KUMAR SONI	101	B.Arch.		AR	7.206
8	180008	13110008	ATHUL RAJ P R	101	B.Arch.		AR	5.734
9	180009	13110009	BHOSALE AKSHAY DEVDAS	101	B.Arch.		AR	7.276
10	180010	13110010	CHANDAN JAIN	101	B.Arch.		AR	7.332
11	180011	13110011	CHITRANSH MK CHATNANI	101	B.Arch.		AR	7.052
12	180012	13110012	DEOVRAT DWIVEDI	101	B.Arch.		AR	7.289
13	180013	13110014	HRIDAY DAS	101	B.Arch.		AR	5.631
14	180014	13110015	JAIPRAKASH	101	B.Arch.		AR	5.995
15	180015	13110016	JAISWAL RAVI RAJKUMAR	101	B.Arch.		AR	6.916
16	180016	13110017	KSHITIJ JOSHI	101	B.Arch.		AR	7.031
17	180017	13110018	MANISH KUMAR	101	B.Arch.		AR	7.201
18	180018	13110019	MOHIT YADAV	101	B.Arch.		AR	7.514
19	180019	13110020	MUKUL ANAND	101	B.Arch.		AR	6.907
20	180020	13110022	NAVNEET KUMAR	101	B.Arch.		AR	7.682
21	180021	13110023	PRADEEP SAINI	101	B.Arch.		AR	6.215
22	180022	13110024	PRIYAL	101	B.Arch.		AR	7.589
23	180023	13110025	RAHUL	101	B.Arch.		AR	6.86
24	180024	13110026	RAJAT SACHAN	101	B.Arch.		AR	7.463
25	180025	13110027	SHRESTH JAISWAL	101	B.Arch.		AR	8

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE ROORKEE

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	DEPT	CGPA
26	180026	13110028	SHUBHAM	101	B.Arch.		AR	7.178
27	180027	13110029	SUNNY ARYA	101	B.Arch.		AR	6.836
28	180028	13110030	SURAJ KUMAR	101	B.Arch.		AR	7.313
29	180029	13110031	VINAY SHAKYA	101	B.Arch.		AR	6.383
30	180030	13110032	YASH SAHU	101	B.Arch.		AR	6.262
31	180031	14111002	ABHISHEK DOHARE	110	B.Tech.	Biotechnology	BT	6.479
32	180032	14111003	ABHISHEK KUMAR GUDDU	110	B.Tech.	Biotechnology	BT	7.976
33	180033	14111004	ADHADA SRI TEJA	110	B.Tech.	Biotechnology	BT	8.984
34	180034	14111006	AKRITI THAKUR	110	B.Tech.	Biotechnology	BT	6.539
35	180035	14111007	AKSHAYA KUMAR PANJWANI	110	B.Tech.	Biotechnology	BT	7.581
36	180036	14111009	ARPIT MAHESHWARI	110	B.Tech.	Biotechnology	BT	8.246
37	180037	13111013	ASHWANI KUMAR	110	B.Tech.	Biotechnology	BT	6.826
38	180038	14111010	BLESSY VOHRA	110	B.Tech.	Biotechnology	BT	7.808
39	180039	14111011	DEEPAK RAI	110	B.Tech.	Biotechnology	BT	6.24
40	180040	14111012	GAURAV GROVER	110	B.Tech.	Biotechnology	BT	6.317
41	180041	14111013	GURSIMRAN SINGH	110	B.Tech.	Biotechnology	BT	5.934
42	180042	14111014	HIMANSHU GOYAL	110	B.Tech.	Biotechnology	BT	6.922
43	180043	14111015	HUKMA RAM	110	B.Tech.	Biotechnology	BT	6.581
44	180044	14111016	JASHAN PREET SINGH	110	B.Tech.	Biotechnology	BT	6.563
45	180045	14111019	KISAN KUMAR	110	B.Tech.	Biotechnology	BT	6.772
46	180046	14214018	MAHIKA BANSAL	110	B.Tech.	Biotechnology	BT	6.988
47	180047	14111020	MAYANK KUMAR	110	B.Tech.	Biotechnology	BT	7.796
48	180048	14111022	NAVNEET SHALLY	110	B.Tech.	Biotechnology	BT	6.964
49	180049	14111025	PAL SHIVAM PRAMOD KUMAR	110	B.Tech.	Biotechnology	BT	8.263
50	180050	14111026	PALLOD SHUBHAM MANOJ	110	B.Tech.	Biotechnology	BT	8.096

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE ROORKEE

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	DEPT	CGPA
51	180051	14111027	PARUVADA SHANMUKHA HARISH KUMAR	110	B.Tech.	Biotechnology	BT	7.677
52	180052	14111028	PATIL JANHAVI PRAKASH	110	B.Tech.	Biotechnology	BT	8.111
53	180053	14111030	PRASHANT CHOUDHARY	110	B.Tech.	Biotechnology	BT	7.892
54	180054	14111031	PRAVEEN KUMAR	110	B.Tech.	Biotechnology	BT	8.09
55	180055	12111034	R GOKULAKRISHNAN	110	B.Tech.	Biotechnology	BT	5.032
56	180056	14111033	RAJU BISHNOI	110	B.Tech.	Biotechnology	BT	7.144
57	180057	14111034	RITESH SINGH CHANDEL	110	B.Tech.	Biotechnology	BT	7.138
58	180058	14111035	ROHAN SINGH KUSHWAHA	110	B.Tech.	Biotechnology	BT	7.425
59	180059	13111032	SACHIN KUMAR BHARATIY	110	B.Tech.	Biotechnology	BT	6.455
60	180060	14121036	SAURAV	110	B.Tech.	Biotechnology	BT	6.413
61	180061	14111038	SHEKHAR	110	B.Tech.	Biotechnology	BT	6.443
62	180062	12111043	SHUBHAM BHASKAR NIKUMBE	110	B.Tech.	Biotechnology	BT	6.172
63	180063	14111040	SOMESH CHATURVEDI	110	B.Tech.	Biotechnology	BT	6.898
64	180064	14111041	SONALI SRIJAN	110	B.Tech.	Biotechnology	BT	8.934
65	180065	14111042	SONU KUMAR PRASHANT	110	B.Tech.	Biotechnology	BT	6.305
66	180066	14121039	SRISHTI SHISHUPAL SHARMA	110	B.Tech.	Biotechnology	BT	7.234
67	180067	14111043	SUMIT KUMAR	110	B.Tech.	Biotechnology	BT	8.281
68	180068	14214034	UTKARSH SAXENA	110	B.Tech.	Biotechnology	BT	6.623
69	180069	14111044	VASHI NEGI	110	B.Tech.	Biotechnology	BT	9.005
70	180070	14111045	VISHAL KHANDELWAL	110	B.Tech.	Biotechnology	BT	6.659
71	180071	14118003	ABHISHEK KAPOOR	111	B.Tech.	Civil Engg.	CE	7.249
72	180072	14113001	ABHISHEK KUMAR	111	B.Tech.	Civil Engg.	CE	7.781
73	180073	14113002	ABHISHEK KUMAR	111	B.Tech.	Civil Engg.	CE	8.379
74	180074	14113003	ABHISHEK KUMAR MEENA	111	B.Tech.	Civil Engg.	CE	5.905
75	180075	14113004	ADARSH	111	B.Tech.	Civil Engg.	CE	7.444

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LIST OF UNDERGRADUATE DEGREE RECEIPIENTS 2018

SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	DEPT	CGPA
76	180076	14113005	ADITYA SHARMA	111	B.Tech.	Civil Engg.	CE	8.87
77	180077	14113006	ADITYA SINGH KUSHWAHA	111	B.Tech.	Civil Engg.	CE	7.97
78	180078	14113007	AJAY SINGHAL	111	B.Tech.	Civil Engg.	CE	8.485
79	180079	14113008	AKASH CHETTY	111	B.Tech.	Civil Engg.	CE	7.225
80	180080	14113009	AKASH YADAV	111	B.Tech.	Civil Engg.	CE	8.757
81	180081	14113010	AKHIL JAIN	111	B.Tech.	Civil Engg.	CE	7.254
82	180082	14113011	ALLADI VINIL VAMSHI	111	B.Tech.	Civil Engg.	CE	5.367
83	180083	14113012	AMAN BHARDWAJ	111	B.Tech.	Civil Engg.	CE	7.509
84	180084	14112008	AMAN KUMAR	111	B.Tech.	Civil Engg.	CE	8.793
85	180085	14113013	AMANDEEP DUHAN	111	B.Tech.	Civil Engg.	CE	6.385
86	180086	14113015	ANIL KUMAR KUSHWAHA	111	B.Tech.	Civil Engg.	CE	7.97
87	180087	14113016	ANKIT	111	B.Tech.	Civil Engg.	CE	6.639
88	180088	14113017	ANKUR JINDAL	111	B.Tech.	Civil Engg.	CE	6.763
89	180089	14113018	ANKUR PANDEY	111	B.Tech.	Civil Engg.	CE	6.462
90	180090	14113019	ANURAG SINGH	111	B.Tech.	Civil Engg.	CE	5.858
91	180091	14113020	APOORV SINHA	111	B.Tech.	Civil Engg.	CE	7.006
92	180092	14113021	ARINDAM PUROHIT	111	B.Tech.	Civil Engg.	CE	7.124
93	180093	14113022	ARNAV MALIK	111	B.Tech.	Civil Engg.	CE	8.018
94	180094	14113024	ASHISH KUMAR	111	B.Tech.	Civil Engg.	CE	7.87
95	180095	14113025	ASHOK KUMAR	111	B.Tech.	Civil Engg.	CE	5.308
96	180096	14113026	ASHOK SINGH	111	B.Tech.	Civil Engg.	CE	8.059
97	180097	14113028	AVINASH KUMAR	111	B.Tech.	Civil Engg.	CE	6.183
98	180098	14113030	AVNEESH KUMAR MEENA	111	B.Tech.	Civil Engg.	CE	6.639
99	180099	14113031	AYUSH P GUPTA	111	B.Tech.	Civil Engg.	CE	7.491
100	180100	14113032	B SWAPNIL AGARWAL	111	B.Tech.	Civil Engg.	CE	9.101

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LIST OF UNDERGRADUATE DEGREE RECEPIENTS 2018

SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	DEPT	CGPA
101	180101	14113033	BALDURI ARYAN	111	B.Tech.	Civil Engg.	CE	6.201
102	180102	14113034	BEJJENKI SANDEEP REDDY	111	B.Tech.	Civil Engg.	CE	8.041
103	180103	14113037	BHANU PRATAP SINGH HADA	111	B.Tech.	Civil Engg.	CE	5.692
104	180104	14113035	BHAVESH KUMAR SINGH	111	B.Tech.	Civil Engg.	CE	7.071
105	180105	14113036	BHUPENDRA KUMAR VERMA	111	B.Tech.	Civil Engg.	CE	5.751
106	180106	14113038	DEEPAK KUMAR MEENA	111	B.Tech.	Civil Engg.	CE	5.308
107	180107	14113039	DEEPAK NANGLOT	111	B.Tech.	Civil Engg.	CE	5.604
108	180108	14113040	DEEPALI CHAUHAN	111	B.Tech.	Civil Engg.	CE	8.781
109	180109	14113041	DEVANSHU MISHRA	111	B.Tech.	Civil Engg.	CE	6.024
110	180110	14113042	DHYANCHAND MEENA	111	B.Tech.	Civil Engg.	CE	6.012
111	180111	14113043	DIVYANSH JAIN	111	B.Tech.	Civil Engg.	CE	6.757
112	180112	14113044	DONTHULA REVANTH CHANDRA	111	B.Tech.	Civil Engg.	CE	6.385
113	180113	14113045	DUSHYANT	111	B.Tech.	Civil Engg.	CE	6.544
114	180114	14113046	GAURAV KUMAR	111	B.Tech.	Civil Engg.	CE	8.118
115	180115	14113047	GAURAV SINGH	111	B.Tech.	Civil Engg.	CE	5.491
116	180116	14113049	GOHIL ABHISHEK UDESING	111	B.Tech.	Civil Engg.	CE	5.964
117	180117	14113050	HARI MADHAV TIWARI	111	B.Tech.	Civil Engg.	CE	8.391
118	180118	14113051	HARISH KUMAR	111	B.Tech.	Civil Engg.	CE	7.207
119	180119	14113052	HARSHIT AGARWAL	111	B.Tech.	Civil Engg.	CE	6.16
120	180120	14113053	HIMANSHU	111	B.Tech.	Civil Engg.	CE	7.047
121	180121	14113054	HIMANSHU SHEKHAR	111	B.Tech.	Civil Engg.	CE	7.757
122	180122	14113055	HIMANSHU TRIPATHI	111	B.Tech.	Civil Engg.	CE	7.55
123	180123	14113056	JAYESH JAIN	111	B.Tech.	Civil Engg.	CE	7.888
124	180124	14113057	JUJHAAR SINGH	111	B.Tech.	Civil Engg.	CE	8.971
125	180125	14113058	KASHISH VERMA	111	B.Tech.	Civil Engg.	CE	7.941

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	DEPT	CGPA
126	180126	14113059	LALIT MOHAN PANDEY	111	B.Tech.	Civil Engg.	CE	7.698
127	180127	14113060	LOVE GOYAL	111	B.Tech.	Civil Engg.	CE	7.083
128	180128	14113063	MAYANK KUMAR YADAV	111	B.Tech.	Civil Engg.	CE	6.905
129	180129	14113064	MOHINI SINGHAL	111	B.Tech.	Civil Engg.	CE	7.935
130	180130	14113065	MUKUL DUBEY	111	B.Tech.	Civil Engg.	CE	8.083
131	180131	14113066	NAGMANI	111	B.Tech.	Civil Engg.	CE	7.367
132	180132	14113067	NAMAN AGRAWAL	111	B.Tech.	Civil Engg.	CE	7.095
133	180133	14113068	NAVIN SONI	111	B.Tech.	Civil Engg.	CE	7.331
134	180134	14113069	NAYAN AWASTHI	111	B.Tech.	Civil Engg.	CE	8.141
135	180135	14113070	NEERAJ KUMAR DWIVEDI	111	B.Tech.	Civil Engg.	CE	9.337
136	180136	14112064	NIKHIL KUMAR	111	B.Tech.	Civil Engg.	CE	9.284
137	180137	14113071	NIKHIL MEHRA	111	B.Tech.	Civil Engg.	CE	6.538
138	180138	14113072	NIRAJ KUMAR	111	B.Tech.	Civil Engg.	CE	6.923
139	180139	14113073	NISHANT SACHAN	111	B.Tech.	Civil Engg.	CE	8.225
140	180140	14113074	PANKAJ BANSAL	111	B.Tech.	Civil Engg.	CE	7.172
141	180141	14113075	PARAG JAIN	111	B.Tech.	Civil Engg.	CE	6.74
142	180142	14113076	PARAG JAIN	111	B.Tech.	Civil Engg.	CE	7.757
143	180143	14113077	PATEL PRASHAN CHANDUBHAI	111	B.Tech.	Civil Engg.	CE	8.272
144	180144	14113079	PRAKASH PATEL	111	B.Tech.	Civil Engg.	CE	7.462
145	180145	14113080	PRAKHAR YADAV	111	B.Tech.	Civil Engg.	CE	6.367
146	180146	14113081	PRAMUDIT SOMVANSHI	111	B.Tech.	Civil Engg.	CE	6.538
147	180147	14113082	PRANAV ANURAG	111	B.Tech.	Civil Engg.	CE	7.231
148	180148	14113083	PRASHANT KUMAR	111	B.Tech.	Civil Engg.	CE	5.45
149	180149	14113084	PRAVINDRA RATHORE	111	B.Tech.	Civil Engg.	CE	6.059
150	180150	14113085	PREMPAL SINGH	111	B.Tech.	Civil Engg.	CE	7.846

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	DEPT	CGPA
151	180151	14113086	RAHUL GUPTA	111	B.Tech.	Civil Engg.	CE	6.97
152	180152	13113088	RAHUL MEENA	111	B.Tech.	Civil Engg.	CE	5.74
153	180153	14113090	RISHABH MALOO	111	B.Tech.	Civil Engg.	CE	8.456
154	180154	14113091	ROHAN SINGH	111	B.Tech.	Civil Engg.	CE	6.456
155	180155	14113092	ROHIT GAUR	111	B.Tech.	Civil Engg.	CE	9.254
156	180156	14119044	ROHIT SINHA	111	B.Tech.	Civil Engg.	CE	9.018
157	180157	14113093	ROSHAN KUMAR	111	B.Tech.	Civil Engg.	CE	5.651
158	180158	14113094	RUPENDRA KUMAR	111	B.Tech.	Civil Engg.	CE	5.899
159	180159	14113095	SACHIN KUMAR	111	B.Tech.	Civil Engg.	CE	5.722
160	180160	14113096	SADA SHIV	111	B.Tech.	Civil Engg.	CE	5.615
161	180161	14113097	SADGIR PRADYUMNA PARAG	111	B.Tech.	Civil Engg.	CE	8.136
162	180162	14113100	SATYAM SINGH	111	B.Tech.	Civil Engg.	CE	6.917
163	180163	14113102	SHASHANK GARG	111	B.Tech.	Civil Engg.	CE	6.58
164	180164	14113104	SHASHIKANT KUMAR	111	B.Tech.	Civil Engg.	CE	7.426
165	180165	14113105	SHISHIR AGRAWAL	111	B.Tech.	Civil Engg.	CE	8.024
166	180166	14113106	SHIVANG BANSAL	111	B.Tech.	Civil Engg.	CE	8.036
167	180167	14113107	SHUBHAM BHARATI	111	B.Tech.	Civil Engg.	CE	8.379
168	180168	14113108	SHUBHAM KUMAR	111	B.Tech.	Civil Engg.	CE	7.858
169	180169	14113109	SHUBHAM KUMAR	111	B.Tech.	Civil Engg.	CE	7.964
170	180170	14113111	SIDDHARTH GANGRADE	111	B.Tech.	Civil Engg.	CE	5.533
171	180171	14113112	SIDHARTH RAWAT	111	B.Tech.	Civil Engg.	CE	8.686
172	180172	14113114	SOUMIK CHOUDHURI	111	B.Tech.	Civil Engg.	CE	7.763
173	180173	14113116	SOUMYA NIGOTIA	111	B.Tech.	Civil Engg.	CE	8.385
174	180174	14113117	SOURAV BELANI	111	B.Tech.	Civil Engg.	CE	8.083
175	180175	14113118	SOURAV TRIPATHI	111	B.Tech.	Civil Engg.	CE	6.722

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	DEPT	CGPA
176	180176	14113120	SUKHAVEER SINGH MEENA	111	B.Tech.	Civil Engg.	CE	6.941
177	180177	14113121	SUMIT CHOUDHARY	111	B.Tech.	Civil Engg.	CE	6.266
178	180178	14113122	SURAJ BHATI	111	B.Tech.	Civil Engg.	CE	6.485
179	180179	14214033	SUYASH CHANDRA VISHNOI	111	B.Tech.	Civil Engg.	CE	9.172
180	180180	14113123	TARUN KUMAR BANSAL	111	B.Tech.	Civil Engg.	CE	6.716
181	180181	14113124	UDITYA RAJ	111	B.Tech.	Civil Engg.	CE	6.822
182	180182	13113120	UMANG PARIKH	111	B.Tech.	Civil Engg.	CE	6.779
183	180183	14113125	VAIBHAV A D S RAWAT	111	B.Tech.	Civil Engg.	CE	6.574
184	180184	14113127	VAIBHAV RAJAK	111	B.Tech.	Civil Engg.	CE	7.42
185	180185	14113128	VARUN GUPTA	111	B.Tech.	Civil Engg.	CE	8.627
186	180186	14113129	VARUN JAIN	111	B.Tech.	Civil Engg.	CE	7.899
187	180187	14113130	VARUN PUNIA	111	B.Tech.	Civil Engg.	CE	8.266
188	180188	14113131	VIKAS SOLANKI	111	B.Tech.	Civil Engg.	CE	7.876
189	180189	14113132	VINAY KUMAR SAHU	111	B.Tech.	Civil Engg.	CE	6.189
190	180190	14113133	VIPUL PRAJAPAT	111	B.Tech.	Civil Engg.	CE	6.846
191	180191	14113134	VISHAL KUMAR	111	B.Tech.	Civil Engg.	CE	6.148
192	180192	14113135	VISHESH GUPTA	111	B.Tech.	Civil Engg.	CE	7.077
193	180193	14113136	YASH LAKHANI	111	B.Tech.	Civil Engg.	CE	8.302
194	180194	14115001	AAKANKSHA DODA	112	B.Tech.	Electrical Engg.	EE	7.167
195	180195	14115002	AAKASH KHEMKA	112	B.Tech.	Electrical Engg.	EE	5.708
196	180196	14115003	ABHAY AGARWAL	112	B.Tech.	Electrical Engg.	EE	8.527
197	180197	14115004	ABHISHEK PAHARIA	112	B.Tech.	Electrical Engg.	EE	6.613
198	180198	14115005	ADITYA JHA	112	B.Tech.	Electrical Engg.	EE	8.83
199	180199	14115006	ADITYA PRAKASH	112	B.Tech.	Electrical Engg.	EE	9.718
200	180200	14115007	ADITYA PRAKASH	112	B.Tech.	Electrical Engg.	EE	6.494

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	DEPT	CGPA
201	180201	14115008	AISHWARYA MITTAL	112	B.Tech.	Electrical Engg.	EE	9.473
202	180202	14115009	AKSHAY D MALKHEDE	112	B.Tech.	Electrical Engg.	EE	6.976
203	180203	14115010	AKSHAY GHIYA	112	B.Tech.	Electrical Engg.	EE	7.744
204	180204	14115011	AMANDEEP SINGH	112	B.Tech.	Electrical Engg.	EE	6.417
205	180205	14115012	AMARTHYA PALREDDY	112	B.Tech.	Electrical Engg.	EE	5.506
206	180206	14115014	AMIT RAJ GANDHI	112	B.Tech.	Electrical Engg.	EE	8.304
207	180207	14115015	AMIT SHARMA	112	B.Tech.	Electrical Engg.	EE	6.345
208	180208	14113014	ANEESH DAHIYA	112	B.Tech.	Electrical Engg.	EE	9.065
209	180209	14115017	ANJALI NAUHWAR	112	B.Tech.	Electrical Engg.	EE	8.018
210	180210	14115018	ANKIT DULANI	112	B.Tech.	Electrical Engg.	EE	6.952
211	180211	14115019	ANKUSH SINGH	112	B.Tech.	Electrical Engg.	EE	8.351
212	180212	14115020	ANMOL POPLI	112	B.Tech.	Electrical Engg.	EE	8.703
213	180213	14115021	ANSHUL SOLANKI	112	B.Tech.	Electrical Engg.	EE	6.548
214	180214	14115022	ARNAB ROY	112	B.Tech.	Electrical Engg.	EE	6.97
215	180215	14115023	ARPAN GAYEN	112	B.Tech.	Electrical Engg.	EE	5.857
216	180216	14115024	ARPIT SINGLA	112	B.Tech.	Electrical Engg.	EE	7.256
217	180217	14115025	ARVIND MEHRA	112	B.Tech.	Electrical Engg.	EE	6.125
218	180218	14115026	ATUL KUMAR VERMA	112	B.Tech.	Electrical Engg.	EE	7.179
219	180219	12115030	ATUL NAYYAR	112	B.Tech.	Electrical Engg.	EE	4.959
220	180220	14115028	AYUSH SINGH	112	B.Tech.	Electrical Engg.	EE	6.875
221	180221	14115029	BALRAM MEENA	112	B.Tech.	Electrical Engg.	EE	5.899
222	180222	14115030	BANGARU SAI SRAVANTH	112	B.Tech.	Electrical Engg.	EE	7.87
223	180223	14115031	BELLALA SAI KALYAN	112	B.Tech.	Electrical Engg.	EE	8.131
224	180224	14115032	BHASKAR KAUSHIK	112	B.Tech.	Electrical Engg.	EE	8.722
225	180225	14115034	CHAUHAN HARDIK HANSRAJBHAI	112	B.Tech.	Electrical Engg.	EE	7.018

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	DEPT	CGPA
226	180226	14115035	CHUTRA RAM KURIYA	112	B.Tech.	Electrical Engg.	EE	6.53
227	180227	14115036	DEEPAK DAMOLIA	112	B.Tech.	Electrical Engg.	EE	6.845
228	180228	14115037	DEEPT MAHENDIRATTA	112	B.Tech.	Electrical Engg.	EE	7.869
229	180229	14115038	DHANANJAY LEKSHMI NARAYAN	112	B.Tech.	Electrical Engg.	EE	6.381
230	180230	14115039	DINESH KIRAD	112	B.Tech.	Electrical Engg.	EE	6.036
231	180231	14115042	GOHAD MOHIT NARENDRA	112	B.Tech.	Electrical Engg.	EE	6.589
232	180232	14115044	GUJARATHI PRANAV DHANANJAY	112	B.Tech.	Electrical Engg.	EE	6.935
233	180233	14115045	GURMANDEEP SINGH BEDI	112	B.Tech.	Electrical Engg.	EE	7.922
234	180234	14115046	HARDIK JAIN	112	B.Tech.	Electrical Engg.	EE	8.644
235	180235	14115047	HARPAL SINGH	112	B.Tech.	Electrical Engg.	EE	5.339
236	180236	14115048	HARSHIT TAYAL	112	B.Tech.	Electrical Engg.	EE	7.357
237	180237	14115049	HEMANT KUMAR RAMAN	112	B.Tech.	Electrical Engg.	EE	7.524
238	180238	14115051	HIMANSHU	112	B.Tech.	Electrical Engg.	EE	5.762
239	180239	14115053	JAYANT CHOUDHARY	112	B.Tech.	Electrical Engg.	EE	6.497
240	180240	14115054	K MALLIKARJUN	112	B.Tech.	Electrical Engg.	EE	6.179
241	180241	14115055	KAKARLA UDAY KANTH REDDY	112	B.Tech.	Electrical Engg.	EE	9.059
242	180242	14115056	KAMAL BHAGAT	112	B.Tech.	Electrical Engg.	EE	7.06
243	180243	14115057	KARAN DESAI	112	B.Tech.	Electrical Engg.	EE	8.5
244	180244	14115059	KATTA PRIYATHAM	112	B.Tech.	Electrical Engg.	EE	5.744
245	180245	14115060	KHUSHAL KUMAR JAISWAL	112	B.Tech.	Electrical Engg.	EE	7.506
246	180246	14115061	KHUSHBOO KUMARI	112	B.Tech.	Electrical Engg.	EE	7.613
247	180247	14115062	KRISHAN KUMAR KUMAWAT	112	B.Tech.	Electrical Engg.	EE	7.006
248	180248	14115063	KULDEEP KUMAR BAGRI	112	B.Tech.	Electrical Engg.	EE	7.083
249	180249	14115064	MADDIPATLA N V SAI KRISHNA	112	B.Tech.	Electrical Engg.	EE	6.31
250	180250	14115065	MAHARNAB MITRA	112	B.Tech.	Electrical Engg.	EE	7.345

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	DEPT	CGPA
251	180251	14115066	MAHIM SHARMA	112	B.Tech.	Electrical Engg.	EE	7.119
252	180252	14115067	MALE GNANENDAR REDDY	112	B.Tech.	Electrical Engg.	EE	7.482
253	180253	14115068	MALIPEDDI BHARATH	112	B.Tech.	Electrical Engg.	EE	6.935
254	180254	14115070	MANISH KUMAR YADAV	112	B.Tech.	Electrical Engg.	EE	6.363
255	180255	14115072	MANU AGARWAL	112	B.Tech.	Electrical Engg.	EE	7.304
256	180256	14115073	MAYANK CHAUDHARY	112	B.Tech.	Electrical Engg.	EE	6.869
257	180257	14115074	MAYANK GUPTA	112	B.Tech.	Electrical Engg.	EE	7.628
258	180258	14115075	MD SIBGHATULLAH	112	B.Tech.	Electrical Engg.	EE	6.673
259	180259	14115077	MOHIT VIRLI	112	B.Tech.	Electrical Engg.	EE	6.958
260	180260	14115078	MOHIT YADAV	112	B.Tech.	Electrical Engg.	EE	7.686
261	180261	14115079	MUDIT SHARMA	112	B.Tech.	Electrical Engg.	EE	8.58
262	180262	11115055	N SHASHANK	112	B.Tech.	Electrical Engg.	EE	5.123
263	180263	14115052	NAGPURE HIMANSHU ANGLAL	112	B.Tech.	Electrical Engg.	EE	9.064
264	180264	14115080	NAMAN TAMBI	112	B.Tech.	Electrical Engg.	EE	6.137
265	180265	14115082	NIKUNJ AGRAWAL	112	B.Tech.	Electrical Engg.	EE	7.244
266	180266	14115083	NITIN JAIN	112	B.Tech.	Electrical Engg.	EE	8.208
267	180267	14115084	P KINNERA PRIYA	112	B.Tech.	Electrical Engg.	EE	7.673
268	180268	14115085	PARRI ARAVIND JOSHI	112	B.Tech.	Electrical Engg.	EE	5.458
269	180269	14115086	PATEL SATYAJEET	112	B.Tech.	Electrical Engg.	EE	7.185
270	180270	14115088	PRACHI SURYAWANSHI	112	B.Tech.	Electrical Engg.	EE	6.155
271	180271	14115089	PRANJUL SINGH CHAUHAN	112	B.Tech.	Electrical Engg.	EE	7.113
272	180272	14115090	PRASHANT KUMAR	112	B.Tech.	Electrical Engg.	EE	7.571
273	180273	14115091	PRATYUSH MATHUR	112	B.Tech.	Electrical Engg.	EE	6.851
274	180274	14115092	PRAVEEN RAJ	112	B.Tech.	Electrical Engg.	EE	6.815
275	180275	14115093	PYLA ALEKHYA	112	B.Tech.	Electrical Engg.	EE	8.782

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	DEPT	CGPA
276	180276	14115094	RAHUL GUPTA	112	B.Tech.	Electrical Engg.	EE	6.929
277	180277	14115095	RAHUL TANDON	112	B.Tech.	Electrical Engg.	EE	7.714
278	180278	14115096	RAKESH GODARA	112	B.Tech.	Electrical Engg.	EE	6.72
279	180279	14115099	RITWIK RUDRA	112	B.Tech.	Electrical Engg.	EE	6.107
280	180280	14115100	SAHIL THAKUR	112	B.Tech.	Electrical Engg.	EE	5.19
281	180281	14115101	SAKET GAUR	112	B.Tech.	Electrical Engg.	EE	7.797
282	180282	14115102	SAMADRITO MANDAL	112	B.Tech.	Electrical Engg.	EE	8
283	180283	14115103	SAMRAT CHOUDHARY	112	B.Tech.	Electrical Engg.	EE	7.274
284	180284	14115105	SANYAM GUPTA	112	B.Tech.	Electrical Engg.	EE	7.238
285	180285	14115106	SAURABH KUMAR MISHRA	112	B.Tech.	Electrical Engg.	EE	8.713
286	180286	14115107	SAURABH KUMAR SINGH	112	B.Tech.	Electrical Engg.	EE	8.077
287	180287	14115108	SAURABH MALVIYA	112	B.Tech.	Electrical Engg.	EE	6.476
288	180288	14115109	SAVITA BORA	112	B.Tech.	Electrical Engg.	EE	6.292
289	180289	14115110	SHAN MUHAMMED	112	B.Tech.	Electrical Engg.	EE	7.905
290	180290	14115111	SHASHIKANT RASMERIYA	112	B.Tech.	Electrical Engg.	EE	5.333
291	180291	14115112	SHAURY ANAND	112	B.Tech.	Electrical Engg.	EE	7.71
292	180292	14118091	SHETH MANTHAN RAJESH	112	B.Tech.	Electrical Engg.	EE	8.894
293	180293	14115113	SHIVAM SHARMA	112	B.Tech.	Electrical Engg.	EE	6.31
294	180294	14115114	SHIVAM SRIVASTAVA	112	B.Tech.	Electrical Engg.	EE	8.312
295	180295	14115115	SHUBHAM CHOWDHARY	112	B.Tech.	Electrical Engg.	EE	9.362
296	180296	14115116	SHUBHAM GUPTA	112	B.Tech.	Electrical Engg.	EE	8.319
297	180297	14115117	SHUBHAM KUMAR	112	B.Tech.	Electrical Engg.	EE	7.53
298	180298	14115118	SHUBHAM KUMAR	112	B.Tech.	Electrical Engg.	EE	9.339
299	180299	14115120	SNEHIL VIJAY	112	B.Tech.	Electrical Engg.	EE	7.702
300	180300	14113113	SOLANKI ABHISHEK BHARATBHAI	112	B.Tech.	Electrical Engg.	EE	8.754

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301	180301	14115122	SOUMYA RANJAN ROUT	112	B.Tech.	Electrical Engg.	EE	8.405
302	180302	14115123	SRI TIRUMALA VIKHYATH KARRI	112	B.Tech.	Electrical Engg.	EE	5.887
303	180303	14115124	SRISHTI SONAL	112	B.Tech.	Electrical Engg.	EE	6.333
304	180304	14115125	SUMIT KUMAR	112	B.Tech.	Electrical Engg.	EE	6.155
305	180305	14115126	SUSHANT S SAMUEL	112	B.Tech.	Electrical Engg.	EE	7.584
306	180306	14119053	SWAPNIL CHAUHAN	112	B.Tech.	Electrical Engg.	EE	7.75
307	180307	14115127	SWAPNIL LOHANI	112	B.Tech.	Electrical Engg.	EE	8.559
308	180308	14115128	TARANNUM KHAN	112	B.Tech.	Electrical Engg.	EE	8.92
309	180309	14115130	UJJVAL GAGRANI	112	B.Tech.	Electrical Engg.	EE	8.173
310	180310	14115131	UTKARSH GUPTA	112	B.Tech.	Electrical Engg.	EE	6.72
311	180311	14115133	VIMAL MISHRA	112	B.Tech.	Electrical Engg.	EE	5.631
312	180312	14115135	VISHAL KUMAR	112	B.Tech.	Electrical Engg.	EE	6.321
313	180313	14115136	VIVEK KHATANA	112	B.Tech.	Electrical Engg.	EE	8.47
314	180314	14115137	VIVEK KUMAR	112	B.Tech.	Electrical Engg.	EE	6.119
315	180315	14115139	YUGAL GUPTA	112	B.Tech.	Electrical Engg.	EE	8.89
316	180316	14115140	YUVRAJ RANA	112	B.Tech.	Electrical Engg.	EE	7.976
317	180317	14117001	ADARSH KUMAR	113	B.Tech.	Mechanical Engg.	ME	6.584
318	180318	14117002	ADIKANE SUMIT NARENDRA	113	B.Tech.	Mechanical Engg.	ME	6.349
319	180319	14117003	ADITYA	113	B.Tech.	Mechanical Engg.	ME	5.819
320	180320	14117004	AEKULA HASWANATH KUMAR	113	B.Tech.	Mechanical Engg.	ME	5.916
321	180321	14117005	AJEETH MAJHI	113	B.Tech.	Mechanical Engg.	ME	6.09
322	180322	14117006	ALLURI RAVI CHANDRA PHANI SHAILESH	113	B.Tech.	Mechanical Engg.	ME	7.03
323	180323	14117007	AMAN	113	B.Tech.	Mechanical Engg.	ME	7.536
324	180324	14117008	AMIT KUMAR	113	B.Tech.	Mechanical Engg.	ME	7.229
325	180325	14117009	ANAND KUMAR	113	B.Tech.	Mechanical Engg.	ME	7.387

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LIST OF UNDERGRADUATE DEGREE RECEPIENTS 2018

SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	DEPT	CGPA
326	180326	13117009	ANIKET GUPTA	113	B.Tech.	Mechanical Engg.	ME	6.365
327	180327	14117010	ANIRUDH CHANDRA	113	B.Tech.	Mechanical Engg.	ME	7.307
328	180328	14117011	ANKITA SINGH	113	B.Tech.	Mechanical Engg.	ME	8.133
329	180329	14117012	ANTRIKSH MATHUR	113	B.Tech.	Mechanical Engg.	ME	8.536
330	180330	14117014	ARPIT AGGARWAL	113	B.Tech.	Mechanical Engg.	ME	7.964
331	180331	14117015	ATULYA RATAN JHA	113	B.Tech.	Mechanical Engg.	ME	7.602
332	180332	14117016	BAGLA KARAN SANTOSH	113	B.Tech.	Mechanical Engg.	ME	8.247
333	180333	14117017	CHAVA SAI SUHAS RAYUDU	113	B.Tech.	Mechanical Engg.	ME	7.078
334	180334	14117018	DEEPANSHU	113	B.Tech.	Mechanical Engg.	ME	8.867
335	180335	14117019	DESHPANDE SHREYAS MUKUND	113	B.Tech.	Mechanical Engg.	ME	8.355
336	180336	14117021	DHEERAJ KUMAR	113	B.Tech.	Mechanical Engg.	ME	7.922
337	180337	14117022	DIPANSHU MITTAL	113	B.Tech.	Mechanical Engg.	ME	9.637
338	180338	14118032	GAURAV AGRAWAL	113	B.Tech.	Mechanical Engg.	ME	8.012
339	180339	14117023	GAURAV MEENA	113	B.Tech.	Mechanical Engg.	ME	6.355
340	180340	14117024	GAUTAM KUMAR	113	B.Tech.	Mechanical Engg.	ME	6.223
341	180341	14117025	GUNDA PAVAN KUMAR	113	B.Tech.	Mechanical Engg.	ME	5.367
342	180342	14117026	HARDEEP SINGH	113	B.Tech.	Mechanical Engg.	ME	7.187
343	180343	14117027	HARIDASYAM KOUSHIK	113	B.Tech.	Mechanical Engg.	ME	6.373
344	180344	14117028	HEMANTH ANNE	113	B.Tech.	Mechanical Engg.	ME	6.157
345	180345	14117029	HIMANSHU KINHA	113	B.Tech.	Mechanical Engg.	ME	8.512
346	180346	14117030	ISHWAR SINGH SHEKHAWAT	113	B.Tech.	Mechanical Engg.	ME	6.729
347	180347	14117031	JAI VISHNU NAMAN	113	B.Tech.	Mechanical Engg.	ME	9.042
348	180348	14117032	JITESH KUMAR JEENGAR	113	B.Tech.	Mechanical Engg.	ME	5.259
349	180349	14117033	KARAN VERMA	113	B.Tech.	Mechanical Engg.	ME	6.09
350	180350	14117034	KARTIK KANSAL	113	B.Tech.	Mechanical Engg.	ME	8.783

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	DEPT	CGPA
351	180351	14117035	KULDEEP SINGH	113	B.Tech.	Mechanical Engg.	ME	8.017
352	180352	14118046	M THAHIR SHAH	113	B.Tech.	Mechanical Engg.	ME	8.042
353	180353	14117037	MANJUNATH RAYGOND	113	B.Tech.	Mechanical Engg.	ME	5.458
354	180354	14117038	MANKAD DVIJ CHAITANYA	113	B.Tech.	Mechanical Engg.	ME	7.852
355	180355	14117039	MOHIT KUMAR	113	B.Tech.	Mechanical Engg.	ME	7.422
356	180356	14117040	MOHIT KUMAR SIDDHA	113	B.Tech.	Mechanical Engg.	ME	8.395
357	180357	14117041	MUKUL GOYAL	113	B.Tech.	Mechanical Engg.	ME	8.163
358	180358	14117042	NAGWANSHI SARANG	113	B.Tech.	Mechanical Engg.	ME	7.819
359	180359	14117043	NITESH ARORA	113	B.Tech.	Mechanical Engg.	ME	8.017
360	180360	14117013	PANDIT APURV UNMESH	113	B.Tech.	Mechanical Engg.	ME	8.337
361	180361	14117044	PIYUSH TEKCHANDANI	113	B.Tech.	Mechanical Engg.	ME	7.452
362	180362	14117045	PRABH PAL SINGH SEERHA	113	B.Tech.	Mechanical Engg.	ME	7.418
363	180363	14117046	PRABHANSHU RAWAT	113	B.Tech.	Mechanical Engg.	ME	6.584
364	180364	14117047	PRAFUL ANAND	113	B.Tech.	Mechanical Engg.	ME	7.446
365	180365	14117048	PRASHANT KUMAR	113	B.Tech.	Mechanical Engg.	ME	8.807
366	180366	14117049	PRATYUSH AGARWAL	113	B.Tech.	Mechanical Engg.	ME	8.75
367	180367	13117053	PRIYABRATA JENA	113	B.Tech.	Mechanical Engg.	ME	7.072
368	180368	14117050	PULKIT GOYAL	113	B.Tech.	Mechanical Engg.	ME	8.068
369	180369	14117051	RAGHAV MOHTA	113	B.Tech.	Mechanical Engg.	ME	6.843
370	180370	14117052	RAHUL GAUTAM	113	B.Tech.	Mechanical Engg.	ME	6.916
371	180371	14117053	RAJVARDHAN SINGH	113	B.Tech.	Mechanical Engg.	ME	7.175
372	180372	14117054	RAKESH KUMAR	113	B.Tech.	Mechanical Engg.	ME	5.843
373	180373	14117055	RAMANJEET SINGH	113	B.Tech.	Mechanical Engg.	ME	7.958
374	180374	14117056	RAVI KUMAR	113	B.Tech.	Mechanical Engg.	ME	8.789
375	180375	14117057	RAVI PRATAP SINGH	113	B.Tech.	Mechanical Engg.	ME	6.614

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	DEPT	CGPA
376	180376	14117058	RESHI KIRAN N C	113	B.Tech.	Mechanical Engg.	ME	7.5
377	180377	14117059	RISHABH GUPTA	113	B.Tech.	Mechanical Engg.	ME	6.898
378	180378	14117060	ROHIT AGRAWAL	113	B.Tech.	Mechanical Engg.	ME	5.741
379	180379	14117061	ROOP KISHOR SINGH	113	B.Tech.	Mechanical Engg.	ME	7.705
380	180380	14117062	SACHIN KUMAR GIROH	113	B.Tech.	Mechanical Engg.	ME	8.422
381	180381	14117063	SAGAR MALIK	113	B.Tech.	Mechanical Engg.	ME	7.741
382	180382	14117064	SANDIP KUMAR	113	B.Tech.	Mechanical Engg.	ME	6.657
383	180383	14117068	SARDAR SHUBHAM RAMESH	113	B.Tech.	Mechanical Engg.	ME	5.277
384	180384	14117065	SATYAM AHIRWAL	113	B.Tech.	Mechanical Engg.	ME	5.783
385	180385	14117066	SHIVAM GUPTA	113	B.Tech.	Mechanical Engg.	ME	8.343
386	180386	14117067	SHUBHAM JINDAL	113	B.Tech.	Mechanical Engg.	ME	8.313
387	180387	14117069	SHYAM CHOUDHARY	113	B.Tech.	Mechanical Engg.	ME	7.452
388	180388	14117070	SIDDHARTH MATTA	113	B.Tech.	Mechanical Engg.	ME	7.693
389	180389	14117071	SIDHARTH GOEL	113	B.Tech.	Mechanical Engg.	ME	7.476
390	180390	14117072	SONE LAL KOL	113	B.Tech.	Mechanical Engg.	ME	6.145
391	180391	14117073	SOUVIK SHOW	113	B.Tech.	Mechanical Engg.	ME	5.994
392	180392	14117074	SUMIT KUMAR	113	B.Tech.	Mechanical Engg.	ME	8.139
393	180393	14117075	SUNNY KUMAR	113	B.Tech.	Mechanical Engg.	ME	7.663
394	180394	14117076	UMASHANKAR SINGH	113	B.Tech.	Mechanical Engg.	ME	6.373
395	180395	14117077	VANGALA SAI HEMANTH	113	B.Tech.	Mechanical Engg.	ME	7.458
396	180396	14117078	VISHAL CHAUDHARY	113	B.Tech.	Mechanical Engg.	ME	8.56
397	180397	14117079	VIVEK KUMAR	113	B.Tech.	Mechanical Engg.	ME	6.229
398	180398	14117080	YAMNESH AGRAWAL	113	B.Tech.	Mechanical Engg.	ME	7.38
399	180399	14117081	YASH GOEL	113	B.Tech.	Mechanical Engg.	ME	6.705
400	180400	14119001	AADITYA PANDYA	114	B.Tech.	Production & Industrial Engg.	ME	5.287

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	DEPT	CGPA
401	180401	14119002	AASHISH CHAUHAN	114	B.Tech.	Production & Industrial Engg.	ME	7.415
402	180402	14119004	ABHISHEK KUMAR	114	B.Tech.	Production & Industrial Engg.	ME	6.884
403	180403	14119006	AMAN JAIN	114	B.Tech.	Production & Industrial Engg.	ME	8
404	180404	14119007	AMAN PRAKASH	114	B.Tech.	Production & Industrial Engg.	ME	6.299
405	180405	14119008	AMIT GOND	114	B.Tech.	Production & Industrial Engg.	ME	6.354
406	180406	14119009	AMIT KUMAR	114	B.Tech.	Production & Industrial Engg.	ME	6.768
407	180407	14119010	AMIT KUMAR BAGHEL	114	B.Tech.	Production & Industrial Engg.	ME	7.94
408	180408	13119014	AMIT SINGH	114	B.Tech.	Production & Industrial Engg.	ME	5.506
409	180409	14121007	ANIKET SINGH	114	B.Tech.	Production & Industrial Engg.	ME	7.78
410	180410	14119011	ANIRUDH BHARTI	114	B.Tech.	Production & Industrial Engg.	ME	6.896
411	180411	14119012	ANKIT SEHRAWAT	114	B.Tech.	Production & Industrial Engg.	ME	7.512
412	180412	14119013	ANKITA MEENA	114	B.Tech.	Production & Industrial Engg.	ME	6.811
413	180413	14119014	ANKIV KUMAR MAURYA	114	B.Tech.	Production & Industrial Engg.	ME	5.86
414	180414	14119015	ANSUL SUNIL BONDIA	114	B.Tech.	Production & Industrial Engg.	ME	6.817
415	180415	14119016	ANUJ JAIN	114	B.Tech.	Production & Industrial Engg.	ME	5.909
416	180416	14411003	ARYAN KHAITAN	114	B.Tech.	Production & Industrial Engg.	ME	8.384
417	180417	14119017	BHAWAR RISHABH VIJAY	114	B.Tech.	Production & Industrial Engg.	ME	8.168
418	180418	14119018	BULA LOHITH	114	B.Tech.	Production & Industrial Engg.	ME	5.848
419	180419	14214010	D ROSHAN	114	B.Tech.	Production & Industrial Engg.	ME	9.341
420	180420	14119019	DIVYA PRATAP SINGH	114	B.Tech.	Production & Industrial Engg.	ME	6.268
421	180421	14119020	DURGESH SINGH YADAV	114	B.Tech.	Production & Industrial Engg.	ME	7.049
422	180422	14119022	GAURAV KUMAR JINDAL	114	B.Tech.	Production & Industrial Engg.	ME	8.935
423	180423	14119023	GAURAV KUMAR TRIPATHI	114	B.Tech.	Production & Industrial Engg.	ME	8.39
424	180424	14119024	GOMPA LOHITHA	114	B.Tech.	Production & Industrial Engg.	ME	6.963
425	180425	14119025	GURDIT SINGH SIDHU	114	B.Tech.	Production & Industrial Engg.	ME	8.153

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	DEPT	CGPA
426	180426	14119026	HINGAR RAHUL BRAJESH	114	B.Tech.	Production & Industrial Engg.	ME	8.251
427	180427	14119027	JAYDEEP V PATEL	114	B.Tech.	Production & Industrial Engg.	ME	7.646
428	180428	14119028	JOSHI ROHIT VINAYAK	114	B.Tech.	Production & Industrial Engg.	ME	9.114
429	180429	14119029	KRISHNA RAO	114	B.Tech.	Production & Industrial Engg.	ME	8.429
430	180430	14119030	KSHITIJ TIWARI	114	B.Tech.	Production & Industrial Engg.	ME	8.231
431	180431	14119031	KSHITIZ GAUR	114	B.Tech.	Production & Industrial Engg.	ME	8.458
432	180432	14119032	MANISH KUMAR JANGIR	114	B.Tech.	Production & Industrial Engg.	ME	7.555
433	180433	14119034	MOHAMMAD NAVED TAK	114	B.Tech.	Production & Industrial Engg.	ME	6.854
434	180434	14119035	PALASH CHOUDHARY	114	B.Tech.	Production & Industrial Engg.	ME	7.89
435	180435	14119036	PATEL RUSHI BHARATKUMAR	114	B.Tech.	Production & Industrial Engg.	ME	5.244
436	180436	14119037	PIYUSH KUMAR	114	B.Tech.	Production & Industrial Engg.	ME	8.738
437	180437	14119038	PRAVESH	114	B.Tech.	Production & Industrial Engg.	ME	5.744
438	180438	14119039	PRINCE KUMAR	114	B.Tech.	Production & Industrial Engg.	ME	8.213
439	180439	14119040	PULKIT KHANDELWAL	114	B.Tech.	Production & Industrial Engg.	ME	8.29
440	180440	14119041	PULKIT SAXENA	114	B.Tech.	Production & Industrial Engg.	ME	7.579
441	180441	14119042	RENJU K KOKKATTU	114	B.Tech.	Production & Industrial Engg.	ME	8.805
442	180442	14119043	RISHABH HANS	114	B.Tech.	Production & Industrial Engg.	ME	7.659
443	180443	14119045	SAHIL JINDAL	114	B.Tech.	Production & Industrial Engg.	ME	7.701
444	180444	13119050	SHASHIKANT KEN	114	B.Tech.	Production & Industrial Engg.	ME	6.299
445	180445	14118092	SHIVAM SHARMA	114	B.Tech.	Production & Industrial Engg.	ME	8.389
446	180446	14119046	SHOBHIT AGGARWAL	114	B.Tech.	Production & Industrial Engg.	ME	8.315
447	180447	14119048	SHUBHAM DEV	114	B.Tech.	Production & Industrial Engg.	ME	5.591
448	180448	14119049	SHUBHAM KUMAR	114	B.Tech.	Production & Industrial Engg.	ME	7.171
449	180449	14119050	SHUBHAM PANDEY	114	B.Tech.	Production & Industrial Engg.	ME	7.738
450	180450	14119051	SHUBHAM SINGHAL	114	B.Tech.	Production & Industrial Engg.	ME	6.439

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	DEPT	CGPA
451	180451	14119052	SIDDHANT SHARMA	114	B.Tech.	Production & Industrial Engg.	ME	6.646
452	180452	14118099	SONALI MITTAL	114	B.Tech.	Production & Industrial Engg.	ME	8.333
453	180453	14119054	THAKER DEVARSH SHAILESH	114	B.Tech.	Production & Industrial Engg.	ME	7.22
454	180454	14119055	UJJWAL GAHLOT	114	B.Tech.	Production & Industrial Engg.	ME	7.61
455	180455	14119056	UTKARSH HURMADE	114	B.Tech.	Production & Industrial Engg.	ME	6.134
456	180456	14119057	VAIBHAV CHAUHAN	114	B.Tech.	Production & Industrial Engg.	ME	5.89
457	180457	14119058	VARSHA CHOUDHARY	114	B.Tech.	Production & Industrial Engg.	ME	6.366
458	180458	14119059	VIJENDRA SINGH NITHARWAL	114	B.Tech.	Production & Industrial Engg.	ME	7.28
459	180459	14119060	VIPUL KALA	114	B.Tech.	Production & Industrial Engg.	ME	7.713
460	180460	14119005	AKSHAY SHRIKANTRAO WALVEKAR	114	B.Tech.	Production & Industrial Engg.	ME	6.512
461	180461	14116001	AAGOSH AGGARWAL	115	B.Tech.	Electronics & Communication Engg.	EC	5.867
462	180462	14116002	AASHAY MEDATWAL	115	B.Tech.	Electronics & Communication Engg.	EC	5.663
463	180463	14119003	ABHINAV KAUSHAL KESHARI	115	B.Tech.	Electronics & Communication Engg.	EC	8.109
464	180464	14116003	ABHINESH MEENA	115	B.Tech.	Electronics & Communication Engg.	EC	5.867
465	180465	14116005	ABHISHEK SACHDEVA	115	B.Tech.	Electronics & Communication Engg.	EC	6.464
466	180466	14116007	AKASH GUPTA	115	B.Tech.	Electronics & Communication Engg.	EC	7.971
467	180467	14116008	AKELLA RAVI TEJ	115	B.Tech.	Electronics & Communication Engg.	EC	8.129
468	180468	14116009	AKSHIT CHOUDHARY	115	B.Tech.	Electronics & Communication Engg.	EC	5.952
469	180469	14116010	AMAN MEHTA	115	B.Tech.	Electronics & Communication Engg.	EC	7.532
470	180470	14116011	AMAN SHIVHARE	115	B.Tech.	Electronics & Communication Engg.	EC	7.731
471	180471	14116012	AMIT KUMAR	115	B.Tech.	Electronics & Communication Engg.	EC	6.916
472	180472	14116013	AMIT MANCHANDA	115	B.Tech.	Electronics & Communication Engg.	EC	8.5
473	180473	14116014	ANIMESH GUPTA	115	B.Tech.	Electronics & Communication Engg.	EC	8.709
474	180474	14116015	ANKAN GAYEN	115	B.Tech.	Electronics & Communication Engg.	EC	7.309
475	180475	12116009	ANKIT ANURAG	115	B.Tech.	Electronics & Communication Engg.	EC	5.567

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	DEPT	CGPA
476	180476	14116016	ANSHUL JAIN	115	B.Tech.	Electronics & Communication Engg.	EC	8.029
477	180477	14116018	ANUMA RATHORE	115	B.Tech.	Electronics & Communication Engg.	EC	8.139
478	180478	14116019	ARJUN GUPTA	115	B.Tech.	Electronics & Communication Engg.	EC	7.711
479	180479	14116020	ASHISH CHAUDHARY	115	B.Tech.	Electronics & Communication Engg.	EC	6.749
480	180480	14116021	ATUL KUMAR SINGH	115	B.Tech.	Electronics & Communication Engg.	EC	8.803
481	180481	14115027	AYUSH CHAUHAN	115	B.Tech.	Electronics & Communication Engg.	EC	9.871
482	180482	14116023	BÖDDULURI GOUTHAM	115	B.Tech.	Electronics & Communication Engg.	EC	7.818
483	180483	14116024	BUDHMAL RAIGER	115	B.Tech.	Electronics & Communication Engg.	EC	5.494
484	180484	14116025	DESAI JAY DUSHYANT	115	B.Tech.	Electronics & Communication Engg.	EC	7.852
485	180485	14116026	DIVYANSHU	115	B.Tech.	Electronics & Communication Engg.	EC	7.383
486	180486	12116018	GAJANAND SAINI	115	B.Tech.	Electronics & Communication Engg.	EC	5.384
487	180487	14116027	GOLI AKHIL	115	B.Tech.	Electronics & Communication Engg.	EC	7.103
488	180488	14116028	GORLE RAJESH BHARADWAJ	115	B.Tech.	Electronics & Communication Engg.	EC	5.934
489	180489	14116029	GUNDETI RUTHVIK	115	B.Tech.	Electronics & Communication Engg.	EC	6.642
490	180490	14116030	HEMA VARUN KUMAR PENAGANTI	115	B.Tech.	Electronics & Communication Engg.	EC	6.048
491	180491	14116032	JOYDEEP DAS	115	B.Tech.	Electronics & Communication Engg.	EC	8.968
492	180492	14116033	KARISHMA AGGARWAL	115	B.Tech.	Electronics & Communication Engg.	EC	8.803
493	180493	14116034	KESHAV GARG	115	B.Tech.	Electronics & Communication Engg.	EC	7.62
494	180494	14116035	KUNAL BANSAL	115	B.Tech.	Electronics & Communication Engg.	EC	9.305
495	180495	14116036	KUNDURTHI ADITHYA SIDDHARTH	115	B.Tech.	Electronics & Communication Engg.	EC	7.114
496	180496	14116037	MALLADI PHANISWAR	115	B.Tech.	Electronics & Communication Engg.	EC	7.648
497	180497	14116038	MANDEEP SINGH	115	B.Tech.	Electronics & Communication Engg.	EC	5.831
498	180498	14116039	MANIKONDA NIKHIL	115	B.Tech.	Electronics & Communication Engg.	EC	6.91
499	180499	14116040	MANISH KUMAR	115	B.Tech.	Electronics & Communication Engg.	EC	6.766
500	180500	14116041	MEHAK	115	B.Tech.	Electronics & Communication Engg.	EC	7.642

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	DEPT	CGPA
501	180501	14116042	MOHAMMED UMAIR KHAN	115	B.Tech.	Electronics & Communication Engg.	EC	5.307
502	180502	14116043	MOHIT GARG	115	B.Tech.	Electronics & Communication Engg.	EC	7.485
503	180503	14116044	MORU ARUN KRANTHI	115	B.Tech.	Electronics & Communication Engg.	EC	5.837
504	180504	14116047	NIKITA KUSUMAKAR	115	B.Tech.	Electronics & Communication Engg.	EC	6.204
505	180505	14116048	PATEL RASHMINKUMAR RAKESHBHAI	115	B.Tech.	Electronics & Communication Engg.	EC	8.58
506	180506	14116049	PIYUSH GARG	115	B.Tech.	Electronics & Communication Engg.	EC	9.036
507	180507	14116050	PRANSHU MALIK	115	B.Tech.	Electronics & Communication Engg.	EC	8.509
508	180508	14116051	PRAVEEN GUPTA	115	B.Tech.	Electronics & Communication Engg.	EC	7.084
509	180509	14116053	RAGHAV CHAWLA	115	B.Tech.	Electronics & Communication Engg.	EC	8.293
510	180510	14116054	RAJAT SHARMA	115	B.Tech.	Electronics & Communication Engg.	EC	8.071
511	180511	14116055	RASKAR HRISHIKESH DHANANJAY	115	B.Tech.	Electronics & Communication Engg.	EC	5.572
512	180512	14116056	RAVI CHANDORA	115	B.Tech.	Electronics & Communication Engg.	EC	7.818
513	180513	14116057	REKULA RAVITEJA REDDY	115	B.Tech.	Electronics & Communication Engg.	EC	7.273
514	180514	14116059	ROUNAK BANIK	115	B.Tech.	Electronics & Communication Engg.	EC	6.53
515	180515	14116060	SAURABH YADAV	115	B.Tech.	Electronics & Communication Engg.	EC	6.211
516	180516	14116061	SHOBHIT MITTAL	115	B.Tech.	Electronics & Communication Engg.	EC	8.973
517	180517	14116063	SHUBHAM AGARWAL	115	B.Tech.	Electronics & Communication Engg.	EC	9.246
518	180518	14116064	SHUBHAM AGRAWAL	115	B.Tech.	Electronics & Communication Engg.	EC	9.096
519	180519	14116065	SHUBHANKAR DEOL	115	B.Tech.	Electronics & Communication Engg.	EC	5.836
520	180520	14116066	SIMRANJEET SINGH	115	B.Tech.	Electronics & Communication Engg.	EC	7.377
521	180521	14116067	SOUMAY GUPTA	115	B.Tech.	Electronics & Communication Engg.	EC	8.68
522	180522	14116069	SWABHIMAN PATNAIK	115	B.Tech.	Electronics & Communication Engg.	EC	7.253
523	180523	14116070	TANVI	115	B.Tech.	Electronics & Communication Engg.	EC	9.049
524	180524	14116071	TANVI	115	B.Tech.	Electronics & Communication Engg.	EC	6.681
525	180525	14116072	UDIT PAL SINGH	115	B.Tech.	Electronics & Communication Engg.	EC	7.347

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526	180526	14116074	VIKASH	115	B.Tech.	Electronics & Communication Engg.	EC	6.163
527	180527	14116075	VINOD RAJ PRAJAPAT	115	B.Tech.	Electronics & Communication Engg.	EC	6.557
528	180528	14116076	VIVEK GUPTA	115	B.Tech.	Electronics & Communication Engg.	EC	8.733
529	180529	14114001	AASHAKA SHAH	116	B.Tech.	Computer Science & Engg.	CS	9.337
530	180530	14114002	ABHISHEK JAISINGH	116	B.Tech.	Computer Science & Engg.	CS	8.807
531	180531	10114002	AJAY JAIN	116	B.Tech.	Computer Science & Engg.	CS	6.24
532	180532	14114004	AKASHDEEP GOEL	116	B.Tech.	Computer Science & Engg.	CS	8.83
533	180533	14114006	AKSHIT KALRA	116	B.Tech.	Computer Science & Engg.	CS	8.088
534	180534	14114007	AMAN KUMAR SINGH	116	B.Tech.	Computer Science & Engg.	CS	6.38
535	180535	14114008	AMANDEEP	116	B.Tech.	Computer Science & Engg.	CS	6.729
536	180536	14114009	AMBAR ZAIDI	116	B.Tech.	Computer Science & Engg.	CS	7.135
537	180537	14114010	AMIT SAHARAN	116	B.Tech.	Computer Science & Engg.	CS	7.367
538	180538	14114011	ANGOTH RAHUL PAMAAR	116	B.Tech.	Computer Science & Engg.	CS	6.127
539	180539	14114012	ANIL KUMAR	116	B.Tech.	Computer Science & Engg.	CS	6
540	180540	14114013	ANSHUL SHAH	116	B.Tech.	Computer Science & Engg.	CS	9.193
541	180541	14114015	ANUSHA GOEL	116	B.Tech.	Computer Science & Engg.	CS	7.982
542	180542	14114016	ANUSHRUT GUPTA	116	B.Tech.	Computer Science & Engg.	CS	7.627
543	180543	14114017	ASHISH KUMAR PRAJAPATI	116	B.Tech.	Computer Science & Engg.	CS	7.819
544	180544	14114018	ASHUTOSH YADAV	116	B.Tech.	Computer Science & Engg.	CS	6.657
545	180545	14114019	ASUTOSH PALAI	116	B.Tech.	Computer Science & Engg.	CS	9.021
546	180546	14114020	AYUSH DARUKA	116	B.Tech.	Computer Science & Engg.	CS	6.916
547	180547	14114021	CHETAN MAHESHWARI	116	B.Tech.	Computer Science & Engg.	CS	7.307
548	180548	12114025	DEEPAK BODH	116	B.Tech.	Computer Science & Engg.	CS	5.459
549	180549	14114022	DEEPANSHU SINGHAL	116	B.Tech.	Computer Science & Engg.	CS	7.843
550	180550	14114023	DIVESH MUDGIL	116	B.Tech.	Computer Science & Engg.	CS	7.56

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551	180551	14114025	GAURAV KUMAR RAWAT	116	B.Tech.	Computer Science & Engg.	CS	6.633
552	180552	14114026	GURWINDER SINGH	116	B.Tech.	Computer Science & Engg.	CS	7.536
553	180553	14114027	HANUMANT MITTAL	116	B.Tech.	Computer Science & Engg.	CS	7.777
554	180554	14114028	HARKIRAT SINGH	116	B.Tech.	Computer Science & Engg.	CS	8.235
555	180555	14114029	KANDREGULA MANIKANTA SUDEEP	116	B.Tech.	Computer Science & Engg.	CS	7.88
556	180556	11114021	KARAN KUMAR	116	B.Tech.	Computer Science & Engg.	CS	5.015
557	180557	14114030	KETAN MITTAL	116	B.Tech.	Computer Science & Engg.	CS	8.867
558	180558	14114024	MOHIT FAFAT	116	B.Tech.	Computer Science & Engg.	CS	8.349
559	180559	13114030	MUKESH HEMBROM	116	B.Tech.	Computer Science & Engg.	CS	5.723
560	180560	14114031	NIKHIL SHEORAN	116	B.Tech.	Computer Science & Engg.	CS	9.524
561	180561	14114032	PABBATHI PRASANTH KUMAR	116	B.Tech.	Computer Science & Engg.	CS	7.404
562	180562	14114033	PARAS JINDAL	116	B.Tech.	Computer Science & Engg.	CS	7.56
563	180563	14114035	PATAKOTA VENKATA MAHANANDI REDDY	116	B.Tech.	Computer Science & Engg.	CS	6.922
564	180564	14114036	PATEL TIRTH SHAILESHKUMAR	116	B.Tech.	Computer Science & Engg.	CS	9
565	180565	14114037	PRASHANT KUMAR	116	B.Tech.	Computer Science & Engg.	CS	6.554
566	180566	14114039	PRATYUSH RAJPUT	116	B.Tech.	Computer Science & Engg.	CS	7.946
567	180567	14114040	PUNIT DHOOT	116	B.Tech.	Computer Science & Engg.	CS	8.542
568	180568	14114041	PURUJIT GOYAL	116	B.Tech.	Computer Science & Engg.	CS	8.112
569	180569	14114042	RAHUL KUMAR	116	B.Tech.	Computer Science & Engg.	CS	8.633
570	180570	14114044	REGANTI NAVEEN REDDY	116	B.Tech.	Computer Science & Engg.	CS	7.759
571	180571	14114046	SAHIL GARG	116	B.Tech.	Computer Science & Engg.	CS	9.15
572	180572	14114047	SALEEL PALAMADATHIL KATTIYAT	116	B.Tech.	Computer Science & Engg.	CS	8.187
573	180573	14114048	SANAT SAIN	116	B.Tech.	Computer Science & Engg.	CS	7.199
574	180574	14114049	SANATAN SHARMA	116	B.Tech.	Computer Science & Engg.	CS	8.474
575	180575	14114050	SAROJ MANDAL	116	B.Tech.	Computer Science & Engg.	CS	6.687

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	DEPT	CGPA
576	180576	14114051	SAURABH GOYAL	116	B.Tech.	Computer Science & Engg.	CS	8.458
577	180577	14114052	SHAGUN ARORA	116	B.Tech.	Computer Science & Engg.	CS	7.675
578	180578	14114053	SHARANPREET SINGH	116	B.Tech.	Computer Science & Engg.	CS	9.292
579	180579	14114054	SHIRSENDU SUKANTA HALDER	116	B.Tech.	Computer Science & Engg.	CS	7.054
580	180580	14114055	SHISHIR JINDAL	116	B.Tech.	Computer Science & Engg.	CS	7.458
581	180581	14114056	SHIVA SONI	116	B.Tech.	Computer Science & Engg.	CS	7.524
582	180582	14114057	SHIVAM YADAV	116	B.Tech.	Computer Science & Engg.	CS	7.873
583	180583	14114058	SHUBHAM SONI	116	B.Tech.	Computer Science & Engg.	CS	7.639
584	180584	14114059	SHUBHAM VERMA	116	B.Tech.	Computer Science & Engg.	CS	7.506
585	180585	14114060	SHYOJI LAL MEENA	116	B.Tech.	Computer Science & Engg.	CS	5.928
586	180586	14113115	SOUMYA AGRAWAL	116	B.Tech.	Computer Science & Engg.	CS	9.217
587	180587	14114061	SOUVIK GAYEN	116	B.Tech.	Computer Science & Engg.	CS	7.801
588	180588	14114063	SUMIT KUMAR SINGH	116	B.Tech.	Computer Science & Engg.	CS	7.139
589	180589	14114065	SURAJ GUPTA	116	B.Tech.	Computer Science & Engg.	CS	9.747
590	180590	14114066	TANMAY TIWARI	116	B.Tech.	Computer Science & Engg.	CS	7.301
591	180591	14114067	TARUN JINDAL	116	B.Tech.	Computer Science & Engg.	CS	6.62
592	180592	14114068	TARUN KUMAR	116	B.Tech.	Computer Science & Engg.	CS	8.295
593	180593	14114069	TEJAL SINGH	116	B.Tech.	Computer Science & Engg.	CS	7.627
594	180594	14114070	UTKARSH SINORIYA	116	B.Tech.	Computer Science & Engg.	CS	5.789
595	180595	14114071	VAIBHAV GOSAIN	116	B.Tech.	Computer Science & Engg.	CS	9.305
596	180596	14114072	VEDANSHU DAHIYA	116	B.Tech.	Computer Science & Engg.	CS	8.054
597	180597	14114073	VIKASH KUMAR	116	B.Tech.	Computer Science & Engg.	CS	7.524
598	180598	14114074	VIVEK KUMAR	116	B.Tech.	Computer Science & Engg.	CS	6.102
599	180599	14114075	VODDAPALLY AMARNATH	116	B.Tech.	Computer Science & Engg.	CS	7.524
600	180600	14115138	VORA MEET HITESH	116	B.Tech.	Computer Science & Engg.	CS	9.45

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601	180601	14114076	YOGESH BIYANI	116	B.Tech.	Computer Science & Engg.	CS	7.548
602	180602	14112001	AATIF HUSSAIN	117	B.Tech.	Chemical Engg.	CH	7.701
603	180603	14112002	AAYUSH AGARWAL	117	B.Tech.	Chemical Engg.	CH	6.407
604	180604	14112003	ABHISHEK PATHAK	117	B.Tech.	Chemical Engg.	CH	6.952
605	180605	14112004	ABHISHEK RANJAN	117	B.Tech.	Chemical Engg.	CH	5.982
606	180606	14112005	ADARSH SINGH RAJPUT	117	B.Tech.	Chemical Engg.	CH	6.623
607	180607	14112006	AKSHAY P FULMALI	117	B.Tech.	Chemical Engg.	CH	7.275
608	180608	14112009	AMAN SHREE	117	B.Tech.	Chemical Engg.	CH	7.766
609	180609	14112011	ANANT DEV	117	B.Tech.	Chemical Engg.	CH	6.754
610	180610	14112012	ANKAN MUKHERJEE	117	B.Tech.	Chemical Engg.	CH	8.186
611	180611	14112014	ANKIT BABU	117	B.Tech.	Chemical Engg.	CH	6.826
612	180612	14118015	ANKUR MOHAN	117	B.Tech.	Chemical Engg.	CH	6.898
613	180613	14112015	ANSHUL CHAWLA	117	B.Tech.	Chemical Engg.	CH	9.299
614	180614	14112016	ANUNAY ANAND	117	B.Tech.	Chemical Engg.	CH	7.222
615	180615	14112017	ANURAG AGGARWAL	117	B.Tech.	Chemical Engg.	CH	7.515
616	180616	14112018	ANURAG DHINGRA	117	B.Tech.	Chemical Engg.	CH	6.88
617	180617	14112019	ANUSHKA CHANDRAWAT	117	B.Tech.	Chemical Engg.	CH	8.348
618	180618	14112020	ARCHIT UMRAO	117	B.Tech.	Chemical Engg.	CH	8.108
619	180619	14112022	ASHISH KUMAR	117	B.Tech.	Chemical Engg.	CH	6.796
620	180620	14112024	AVIRAL BOHRA	117	B.Tech.	Chemical Engg.	CH	6.018
621	180621	14112025	AYUSH KUMAR	117	B.Tech.	Chemical Engg.	CH	8.554
622	180622	14112026	AYUSHI AGRAWAL	117	B.Tech.	Chemical Engg.	CH	7.892
623	180623	14112027	BRIJESH ISHRAN	117	B.Tech.	Chemical Engg.	CH	6.539
624	180624	14112028	BUNTY RATHORE	117	B.Tech.	Chemical Engg.	CH	8.892
625	180625	14112029	CHIRANJEEV KUMAR YADAV	117	B.Tech.	Chemical Engg.	CH	7.012

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626	180626	14112030	DEVRAJ	117	B.Tech.	Chemical Engg.	CH	7.695
627	180627	14112031	DHOTEKAR AMAN HANUMANT	117	B.Tech.	Chemical Engg.	CH	6.389
628	180628	14112032	DIVYANSHU GARG	117	B.Tech.	Chemical Engg.	CH	7.891
629	180629	14112033	DURGA PRASAD MURMU	117	B.Tech.	Chemical Engg.	CH	6.222
630	180630	14112034	GAURAV PAREEK	117	B.Tech.	Chemical Engg.	CH	7.204
631	180631	14112035	GHANENDRA SHRIVASTAVA	117	B.Tech.	Chemical Engg.	CH	7.689
632	180632	14112036	GUPTA RAHUL KAMLESH	117	B.Tech.	Chemical Engg.	CH	8.389
633	180633	14112037	HARSH SINGHAL	117	B.Tech.	Chemical Engg.	CH	7.641
634	180634	14112038	HEMANT KUMAR	117	B.Tech.	Chemical Engg.	CH	7.88
635	180635	14112039	HIMANSHU SINGHAL	117	B.Tech.	Chemical Engg.	CH	8.561
636	180636	14112040	HITESH SEWANI	117	B.Tech.	Chemical Engg.	CH	8.614
637	180637	14112041	JAJU KANHAIYA	117	B.Tech.	Chemical Engg.	CH	7.665
638	180638	14112042	JAMDADE SHUBHAM KAILAS	117	B.Tech.	Chemical Engg.	CH	8.69
639	180639	14118040	JAVALE NIKITA PRAMOD	117	B.Tech.	Chemical Engg.	CH	8.371
640	180640	14112043	JAYESH K NEWAL	117	B.Tech.	Chemical Engg.	CH	6.375
641	180641	14118041	JISHNU PRAKASH	117	B.Tech.	Chemical Engg.	CH	8.036
642	180642	14112044	KAPIL KUMAR VERMA	117	B.Tech.	Chemical Engg.	CH	6.647
643	180643	14112045	KARAN ARORA	117	B.Tech.	Chemical Engg.	CH	8.587
644	180644	14112046	KASHYAP M	117	B.Tech.	Chemical Engg.	CH	7.126
645	180645	14112047	KATHA SOWMYA REDDY	117	B.Tech.	Chemical Engg.	CH	6.946
646	180646	14112048	KATHOLE SHRISHTI NITIN	117	B.Tech.	Chemical Engg.	CH	8.671
647	180647	14112050	KISHAN TIWARI	117	B.Tech.	Chemical Engg.	CH	5.617
648	180648	14112051	KOMIRELLI SANDEEP REDDY	117	B.Tech.	Chemical Engg.	CH	7.671
649	180649	14112052	KRISHNA HEMANTH	117	B.Tech.	Chemical Engg.	CH	5.952
650	180650	14112053	KRISHNA KANHAIYA KUMAR	117	B.Tech.	Chemical Engg.	CH	7.078

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651	180651	14112054	MAYANK PHULWARI	117	B.Tech.	Chemical Engg.	CH	6.413
652	180652	14112055	MIMANSI AGARWAL	117	B.Tech.	Chemical Engg.	CH	8.389
653	180653	14112056	MOHIT GARG	117	B.Tech.	Chemical Engg.	CH	7.826
654	180654	14112057	MOHIT KUMAR	117	B.Tech.	Chemical Engg.	CH	7.473
655	180655	14112058	MOHMMAD AFTAB QURESHI	117	B.Tech.	Chemical Engg.	CH	6.269
656	180656	14112059	MONU KUMAR	117	B.Tech.	Chemical Engg.	CH	6.91
657	180657	14112060	MRITYUNJOY BISWAS	117	B.Tech.	Chemical Engg.	CH	5.641
658	180658	14112061	NAINSU RIYA	117	B.Tech.	Chemical Engg.	CH	7.988
659	180659	14112062	NAVAL KISHOR SINGH	117	B.Tech.	Chemical Engg.	CH	6.467
660	180660	14118060	NAVNEET KUMAR SONI	117	B.Tech.	Chemical Engg.	CH	8.832
661	180661	14112063	NIDHI	117	B.Tech.	Chemical Engg.	CH	7.108
662	180662	14112065	NIMISHA GUPTA	117	B.Tech.	Chemical Engg.	CH	8.377
663	180663	14118062	NISHANT RAJ	117	B.Tech.	Chemical Engg.	CH	7.892
664	180664	14112066	NITESH KUMAR	117	B.Tech.	Chemical Engg.	CH	7.138
665	180665	14112067	PARAG HEDAWOO	117	B.Tech.	Chemical Engg.	CH	7.24
666	180666	14112070	RAHUL KUMAR PANDEY	117	B.Tech.	Chemical Engg.	CH	7.419
667	180667	14111032	RAHUL SHRIVASTAV	117	B.Tech.	Chemical Engg.	CH	9.281
668	180668	14112071	RAJAT RAWAT	117	B.Tech.	Chemical Engg.	CH	6.545
669	180669	14112072	RAKSHIT KUMAR JAIN	117	B.Tech.	Chemical Engg.	CH	8.844
670	180670	14112074	RISHABH OJHA	117	B.Tech.	Chemical Engg.	CH	7.03
671	180671	14112075	RITESH CHAUHAN	117	B.Tech.	Chemical Engg.	CH	7.389
672	180672	14112076	RITIK KUMAR	117	B.Tech.	Chemical Engg.	CH	7.251
673	180673	14112077	ROBIN SINGH	117	B.Tech.	Chemical Engg.	CH	5.737
674	180674	14112078	ROHIT AGRAWAL	117	B.Tech.	Chemical Engg.	CH	7.228
675	180675	14112079	ROHIT MEENA SUNIL CHANDA	117	B.Tech.	Chemical Engg.	CH	6.006

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676	180676	14118081	ROHIT ROUSHAN	117	B.Tech.	Chemical Engg.	CH	7.473
677	180677	14112080	ROHIT YADAV	117	B.Tech.	Chemical Engg.	CH	7.772
678	180678	14112081	S. ROVEI	117	B.Tech.	Chemical Engg.	CH	6.479
679	180679	14112082	SACHIN GARG	117	B.Tech.	Chemical Engg.	CH	7.749
680	180680	14112083	SAGAR ARORA	117	B.Tech.	Chemical Engg.	CH	7.353
681	180681	14112084	SAHIL JINDAL	117	B.Tech.	Chemical Engg.	CH	7.467
682	180682	14112085	SAJJAN YADAV	117	B.Tech.	Chemical Engg.	CH	7.275
683	180683	14112086	SANDIP SAMANTA	117	B.Tech.	Chemical Engg.	CH	8.299
684	180684	14112087	SARAGADAM BHARATH KUMAR	117	B.Tech.	Chemical Engg.	CH	6.198
685	180685	14112088	SAURAV KUMAR GOYAL	117	B.Tech.	Chemical Engg.	CH	6.78
686	180686	14112089	SHAMBHAWI	117	B.Tech.	Chemical Engg.	CH	8.351
687	180687	14411028	SHATAKSHI GUPTA	117	B.Tech.	Chemical Engg.	CH	9.15
688	180688	14112090	SHIREESH B B	117	B.Tech.	Chemical Engg.	CH	7.695
689	180689	14112091	SHIVAM PARASHAR	117	B.Tech.	Chemical Engg.	CH	8.485
690	180690	14112092	SHUBHAM SINGH	117	B.Tech.	Chemical Engg.	CH	8.647
691	180691	14112093	SOUMAJIT SEN	117	B.Tech.	Chemical Engg.	CH	8.275
692	180692	14112095	SPARSH JAIN	117	B.Tech.	Chemical Engg.	CH	9.617
693	180693	14112096	SUMIT KUMAR	117	B.Tech.	Chemical Engg.	CH	6.419
694	180694	14112097	SUMIT KUMAR	117	B.Tech.	Chemical Engg.	CH	8.24
695	180695	14112099	TEJAS SHARADCHANDRA KHADILKAR	117	B.Tech.	Chemical Engg.	CH	7.731
696	180696	14112100	TUSHAR PANDYA	117	B.Tech.	Chemical Engg.	CH	7.536
697	180697	14112101	VAIBHAV AGRAWAL	117	B.Tech.	Chemical Engg.	CH	8.711
698	180698	14112102	VAIBHAVI KATIYAR	117	B.Tech.	Chemical Engg.	CH	7.413
699	180699	14112103	VANDAN KOTHARI	117	B.Tech.	Chemical Engg.	CH	7.377
700	180700	14112105	VIPLAV MAHAWAR	117	B.Tech.	Chemical Engg.	CH	5.964

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701	180701	14112106	VIPUL MAHESHWARI	117	B.Tech.	Chemical Engg.	CH	8.138
702	180702	14112108	VIVEK KUMAR AGARWAL	117	B.Tech.	Chemical Engg.	CH	6.473
703	180703	14112109	YASH VIDYASAGAR	117	B.Tech.	Chemical Engg.	CH	7.725
704	180704	14112110	YOGESH POONIA	117	B.Tech.	Chemical Engg.	CH	6.186
705	180705	14118001	AAYUSH NIGAM	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.811
706	180706	14118002	ABHIMANYU RAWAT	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.598
707	180707	14118004	ABHISHEK MAHTO	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.396
708	180708	14118005	ADARSH KUMAR MISHRA	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.427
709	180709	14118006	AJAY KUMAR	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.86
710	180710	14118007	AKASH AGARWAL	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.311
711	180711	14118008	AKSHAY KUMAR	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.841
712	180712	14118009	AMAN KUMAR CHOUDHURY	118	B.Tech.	Metallurgical and Materials Engg.	MT	8.098
713	180713	14118010	AMAN PAL	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.341
714	180714	14118011	AMAN TIBRA	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.232
715	180715	14118012	AMIT THAKUR	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.201
716	180716	14411001	AMRINDER SINGH	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.756
717	180717	14118013	ANKITA MEENA	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.311
718	180718	14118014	ANKITA MEENA	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.213
719	180719	14121010	ANSH PANDEY	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.957
720	180720	14118016	ANSHUL KAMBOJ	118	B.Tech.	Metallurgical and Materials Engg.	MT	8.732
721	180721	14118017	ANSUJ JOSHI	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.512
722	180722	14118018	ANURAG DAS	118	B.Tech.	Metallurgical and Materials Engg.	MT	5.835
723	180723	14118019	ASHISH KUMAR BAIRWA	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.189
724	180724	14118020	AYUSHI NEEMA	118	B.Tech.	Metallurgical and Materials Engg.	MT	5.22
725	180725	14118022	BATTULA MANOHAR	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.994

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726	180726	14118023	BHARAT GERA	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.811
727	180727	14121017	BURE DURGA VENKATESH	118	B.Tech.	Metallurgical and Materials Engg.	MT	5.756
728	180728	14214009	CHETAN SINGH	118	B.Tech.	Metallurgical and Materials Engg.	MT	8.28
729	180729	14118024	CHIRAG	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.049
730	180730	14118025	DEBASHISH NAYAK	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.122
731	180731	14118026	DEEPANJAN MAJHEE	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.616
732	180732	14118027	DEVASHISH JOG	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.982
733	180733	14118028	DEVASHISH MEENA	118	B.Tech.	Metallurgical and Materials Engg.	MT	5.896
734	180734	14118029	DHEERAJ YADAV	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.829
735	180735	14118030	DILEEP KUMAR MEENA	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.104
736	180736	14118031	GANDHI SHUBHAM KIRANKUMAR	118	B.Tech.	Metallurgical and Materials Engg.	MT	8.707
737	180737	14118034	GAURI LAVU CHAVAN	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.604
738	180738	14118035	GUDE KUNAL	118	B.Tech.	Metallurgical and Materials Engg.	MT	5.591
739	180739	14118036	GUDELLI VAMSHI	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.409
740	180740	14118038	JAGTAP AJINKYA SURESH	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.841
741	180741	14118039	JATIN	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.25
742	180742	14410009	KANIKA AGARWAL	118	B.Tech.	Metallurgical and Materials Engg.	MT	8.159
743	180743	14214015	KAUSHAL PRAKASHBHAI SOLANKI	118	B.Tech.	Metallurgical and Materials Engg.	MT	8.152
744	180744	14118042	KEERTHI SURYA TEJA	118	B.Tech.	Metallurgical and Materials Engg.	MT	5.787
745	180745	14118043	KISSLOVE DEWANGAN	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.518
746	180746	14118044	KULDEEP RAY	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.761
747	180747	14118045	LUKTUKE AMEY AVINASH	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.665
748	180748	14118047	M KALEESWARAN	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.488
749	180749	14118048	MANAS AGARWAL	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.116
750	180750	14118049	MANUJ DIXIT	118	B.Tech.	Metallurgical and Materials Engg.	MT	8.268

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751	180751	14118050	MAYANK GUPTA	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.402
752	180752	14214020	MAYANK GUPTA	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.543
753	180753	14118052	MERCHANT MURTUZA MUSTAFA	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.78
754	180754	14118053	MOHD ZAID KHAN	118	B.Tech.	Metallurgical and Materials Engg.	MT	8.03
755	180755	14118054	MOHIT PATEL	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.366
756	180756	14111021	MUKESH KUMAR MEHTA	118	B.Tech.	Metallurgical and Materials Engg.	MT	5.616
757	180757	14118055	MYNENI SAI ESHWAR	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.829
758	180758	14118056	N SAI RAM SRI DATTA PRABHAKAR	118	B.Tech.	Metallurgical and Materials Engg.	MT	5.744
759	180759	14118057	NABARUN PAL	118	B.Tech.	Metallurgical and Materials Engg.	MT	8.351
760	180760	14118058	NANDIGAM NAGA VENKATA SAI YOGESH	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.982
761	180761	14118059	NARENDAR KUMAR	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.793
762	180762	13118046	NEERAJ KUMAR MEENA	118	B.Tech.	Metallurgical and Materials Engg.	MT	4.835
763	180763	14118063	NISHCHAL VERMA	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.762
764	180764	14118064	NITISH MAURIYA	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.159
765	180765	14121029	NUPUR SANJAY RANE	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.018
766	180766	14118065	PAVIT TEG BIR SINGH	118	B.Tech.	Metallurgical and Materials Engg.	MT	8.03
767	180767	12118057	PAWAN KUMAR YADAV	118	B.Tech.	Metallurgical and Materials Engg.	MT	4.948
768	180768	14111029	PEYUSH GAUTAM	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.128
769	180769	14118066	PHANIHARAM KALPAVALLI KIRAN	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.97
770	180770	14118068	PRAGYA RANI	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.11
771	180771	14118070	PRINCI VERSHWAL	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.75
772	180772	14121031	RAGHAV MANGAL	118	B.Tech.	Metallurgical and Materials Engg.	MT	5.64
773	180773	14118071	RAHUL AGRAWAL	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.579
774	180774	14118072	RAHUL PRIYADARSHI	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.646
775	180775	14118074	RAJAT DOLEY	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.439

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776	180776	14118075	RAJAT PATEL	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.39
777	180777	14118076	RAJAT SEHGAL	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.665
778	180778	12118065	RAVIKANT KUMAR	118	B.Tech.	Metallurgical and Materials Engg.	MT	4.787
779	180779	14118078	RAVISH RAKESH MEHTA	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.25
780	180780	14118079	RISHABH JHA	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.433
781	180781	14118080	ROHIT KUMAR	118	B.Tech.	Metallurgical and Materials Engg.	MT	5.787
782	180782	14118082	RUCHIL KOTHARI	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.152
783	180783	14311017	S SHIVARAMAN	118	B.Tech.	Metallurgical and Materials Engg.	MT	8.756
784	180784	14118083	SACHIN NEHRU	118	B.Tech.	Metallurgical and Materials Engg.	MT	5.573
785	180785	14118085	SAKSHAM AGRAWAL	118	B.Tech.	Metallurgical and Materials Engg.	MT	8.238
786	180786	14411026	SANDEEP KUMAR	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.927
787	180787	14118086	SANKET AGRAWAL	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.14
788	180788	14118088	SAURABH ANAND	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.28
789	180789	14118089	SAURABH JOSHI	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.988
790	180790	14121035	SAURABH SINGH	118	B.Tech.	Metallurgical and Materials Engg.	MT	8.073
791	180791	14118090	SAURAV TIWARI	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.244
792	180792	14118093	SHIVAM GUPTA	118	B.Tech.	Metallurgical and Materials Engg.	MT	8.293
793	180793	14118094	SHIVAM SINGH	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.421
794	180794	14118095	SHUBHAM VIJ	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.738
795	180795	14118096	SHUBHAM VISHVAKARMA	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.604
796	180796	14121038	SIDDHANT SINHA	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.512
797	180797	14118097	SIDDHARTH CHHAJED	118	B.Tech.	Metallurgical and Materials Engg.	MT	8.409
798	180798	14118098	SOMESH MOHAPATRA	118	B.Tech.	Metallurgical and Materials Engg.	MT	9.409
799	180799	14118100	SOUMYADIP SARDAR	118	B.Tech.	Metallurgical and Materials Engg.	MT	5.445
800	180800	14118102	SURYAKANT	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.104

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801	180801	14118103	TANUJ PATHAK	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.268
802	180802	14118105	TARANDEEP SINGH	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.659
803	180803	14118106	THAKUR VIKRANT DILIPSINGH	118	B.Tech.	Metallurgical and Materials Engg.	MT	7.47
804	180804	14410029	UTKARSH BAJPAI	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.518
805	180805	14118108	VIKAS	118	B.Tech.	Metallurgical and Materials Engg.	MT	5.543
806	180806	14118109	VISWAKUMAR SUKEESH BABU	118	B.Tech.	Metallurgical and Materials Engg.	MT	5.439
807	180807	14118110	VIVEK KUMAR SINGH	118	B.Tech.	Metallurgical and Materials Engg.	MT	5.463
808	180808	14118111	VRINDA SHARMA	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.921
809	180809	14118112	WAZID HUSSAIN	118	B.Tech.	Metallurgical and Materials Engg.	MT	6.634
810	180810	14118113	YEOLA SHRUTIKA SUBHASH	118	B.Tech.	Metallurgical and Materials Engg.	MT	8.585
811	180811	14121004	ALOK KUMAR YADAV	120	B.Tech.	Polymer Science and Technology	PE	7.317
812	180812	14121006	AMIT PATEL	120	B.Tech.	Polymer Science and Technology	PE	8.056
813	180813	14121011	ARUN KUMAR	120	B.Tech.	Polymer Science and Technology	PE	6.379
814	180814	14121014	ASHISH NASA	120	B.Tech.	Polymer Science and Technology	PE	7.584
815	180815	14121015	AYUSH BHARDWAJ	120	B.Tech.	Polymer Science and Technology	PE	9.23
816	180816	14121019	DHARMJEET MADHAV	120	B.Tech.	Polymer Science and Technology	PE	7.994
817	180817	14121041	KELOTH RAJESH	120	B.Tech.	Polymer Science and Technology	PE	6.559
818	180818	14121023	MADDALA SRI HARSHA	120	B.Tech.	Polymer Science and Technology	PE	5.801
819	180819	14121024	MANGAL SINGH	120	B.Tech.	Polymer Science and Technology	PE	7.205
820	180820	14121028	NAR SINGH RAM	120	B.Tech.	Polymer Science and Technology	PE	7.745
821	180821	14121032	SALIL KOLHE	120	B.Tech.	Polymer Science and Technology	PE	5.727
822	180822	14121033	SANDEEP	120	B.Tech.	Polymer Science and Technology	PE	6.801
823	180823	13214001	ABHISHEK KUMAR	130	IDD	B.Tech. Process Engg. + M.B.A.	PE	6.961
824	180824	13214002	AKASH HALDAR	130	IDD	B.Tech. Process Engg. + M.B.A.	PE	6.82
825	180825	13214003	AMAR KUMAR	130	IDD	B.Tech. Process Engg. + M.B.A.	PE	7.383

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826	180826	13214005	ANURAG KASHYAP	130	IDD	B.Tech. Process Engg. + M.B.A.	PE	5.626
827	180827	13214007	CHAKRABORTY KUNAL KISHOLOY	130	IDD	B.Tech. Process Engg. + M.B.A.	PE	9.408
828	180828	13214008	CHETAN	130	IDD	B.Tech. Process Engg. + M.B.A.	PE	8.112
829	180829	13214009	DINESH CHANDRA KUMAWAT	130	IDD	B.Tech. Process Engg. + M.B.A.	PE	7.422
830	180830	13214010	GAURAV KANT GANGWAR	130	IDD	B.Tech. Process Engg. + M.B.A.	PE	7.694
831	180831	13214012	HEMANT KHINCHI	130	IDD	B.Tech. Process Engg. + M.B.A.	PE	5.966
832	180832	13214013	KANAPARTHI AVINASH	130	IDD	B.Tech. Process Engg. + M.B.A.	PE	6.723
833	180833	13214015	KISHORE KUMAR	130	IDD	B.Tech. Process Engg. + M.B.A.	PE	7.155
834	180834	13214016	LOKESH MAHALA	130	IDD	B.Tech. Process Engg. + M.B.A.	PE	7.068
835	180835	13214017	MAMTA MEENA	130	IDD	B.Tech. Process Engg. + M.B.A.	PE	8.019
836	180836	13214018	NARLA SAMEER KRISHNA	130	IDD	B.Tech. Process Engg. + M.B.A.	PE	7.209
837	180837	13214019	NIVEDITA SINGH	130	IDD	B.Tech. Process Engg. + M.B.A.	PE	9.112
838	180838	12214024	PURVI SANJEEV KHODA	130	IDD	B.Tech. Process Engg. + M.B.A.	PE	6.672
839	180839	12214028	SANJAY KUMAR MEENA	130	IDD	B.Tech. Process Engg. + M.B.A.	PE	5.413
840	180840	13214023	SHUBHAM MANGAL	130	IDD	B.Tech. Process Engg. + M.B.A.	PE	7.694
841	180841	13214024	TOUFIQ HAJI MOHAMMED	130	IDD	B.Tech. Process Engg. + M.B.A.	PE	9.16
842	180842	13214025	VILOCHANA MAHESHWARI	130	IDD	B.Tech. Process Engg. + M.B.A.	PE	9.248
843	180843	13214026	WASNIK SHRUTI PRASHANT	130	IDD	B.Tech. Process Engg. + M.B.A.	PE	7.665
844	180844	11211004	ARUN A R	132	IDD	B.Tech. CSE + M.Tech. IT	CS	6.944
845	180845	10211021	RONGALI INDRA KUMAR	132	IDD	B.Tech. CSE + M.Tech. IT	CS	5.942
846	180846	11213003	ASHISH MEENA	133	IDD	B.Tech. ECE + M.Tech. Wireless Communication	EC	5.026
847	180847	12213006	BATCHU NISANTH REDDY	133	IDD	B.Tech. ECE + M.Tech. Wireless Communication	EC	5.852
848	180848	10213006	GURKIRAT SINGH	133	IDD	B.Tech. ECE + M.Tech. Wireless Communication	EC	5.088
849	180849	13113067	MAYANK KUMAR	135	IDD	B.Tech. Civil Engg. + M.Tech. Structural Engg.	CE	8.172

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850	180850	12216020	VIKRANT KESHARI HALDAR	136	IDD	B.Tech. Metallurgical and Materials Engg. + M.Tech. Materials Engg.	MT	5.559
851	180851	13112098	SUDARSHAN SAHU	137	IDD	B.Tech. Chemical Engg. + M.Tech. CAPPD	CH	9.227
852	180852	13116044	MUKKA SAI MANISH	138	IDD	B.Tech. ECE + M.Tech. Communication Systems	EC	8.136
853	180853	13117075	VATSAL SANJAY	139	IDD	B.Tech. Mechanical Engg. + M.Tech. Thermal Engg.	ME	9.096
854	180854	13410002	AKSHANSHU SHEKHAR	150	Intg. M.Tech.	Geological Technology	ES	5.802
855	180855	13410003	ANIMESH MISHRA	150	Intg. M.Tech.	Geological Technology	ES	7.693
856	180856	13311002	ANISHA GODHA	150	Intg. M.Tech.	Geological Technology	ES	7.422
857	180857	13410004	ARYAVART ANAND	150	Intg. M.Tech.	Geological Technology	ES	8.229
858	180858	13410005	BEVARA KALYAN SRIKAR	150	Intg. M.Tech.	Geological Technology	ES	5.391
859	180859	13410006	BINGI ADITHYA	150	Intg. M.Tech.	Geological Technology	ES	7.74
860	180860	13410007	CHOLA CHANDRAKANTH	150	Intg. M.Tech.	Geological Technology	ES	7.339
861	180861	12410007	DIKSHA SINGH	150	Intg. M.Tech.	Geological Technology	ES	6.522
862	180862	13410008	HANSRAJ MEENA	150	Intg. M.Tech.	Geological Technology	ES	5.927
863	180863	13410009	HARSH SHARMA	150	Intg. M.Tech.	Geological Technology	ES	6.792
864	180864	13410010	KETAN HASIJA	150	Intg. M.Tech.	Geological Technology	ES	7.854
865	180865	13410011	MANGALAGIRI YASWANTH NARASIMHAKUMAR	150	Intg. M.Tech.	Geological Technology	ES	6.281
866	180866	13410012	MANISH KUMAR	150	Intg. M.Tech.	Geological Technology	ES	7.51
867	180867	13120015	PARMATMA NAND SINGH	150	Intg. M.Tech.	Geological Technology	ES	6.51
868	180868	13410015	PAYAS GOVIL	150	Intg. M.Tech.	Geological Technology	ES	7.828
869	180869	13410016	PRAJWAL BHATT	150	Intg. M.Tech.	Geological Technology	ES	8.266
870	180870	13410017	PRATIKSHA C	150	Intg. M.Tech.	Geological Technology	ES	8.266
871	180871	13410018	SANDEEP SINGH	150	Intg. M.Tech.	Geological Technology	ES	6.63
872	180872	13410019	SHAKUL MITTAL	150	Intg. M.Tech.	Geological Technology	ES	7.438
873	180873	13410020	SHIVAM KUMAR SINGH	150	Intg. M.Tech.	Geological Technology	ES	7.729

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874	180874	13410021	SHRUTI MEHTA	150	Intg. M.Tech.	Geological Technology	ES	7.641
875	180875	13410023	SIDDHARTH TIWARI	150	Intg. M.Tech.	Geological Technology	ES	7.818
876	180876	13410024	SUSHANT SHEKHAR	150	Intg. M.Tech.	Geological Technology	ES	9.077
877	180877	13411001	ANMOL CHILANA	151	Intg. M.Tech.	Geophysical Technology	ES	8.269
878	180878	13411002	ARPIT MISHRA	151	Intg. M.Tech.	Geophysical Technology	ES	6.811
879	180879	13411003	AYAN PRABHAKAR BARUAH	151	Intg. M.Tech.	Geophysical Technology	ES	7.848
880	180880	13411004	DAMERA HIMA VAMSHEE	151	Intg. M.Tech.	Geophysical Technology	ES	6.249
881	180881	13411005	DEVAGYA KUMAR	151	Intg. M.Tech.	Geophysical Technology	ES	7.378
882	180882	13411006	DIVYA NIDHI SRIVASTAVA	151	Intg. M.Tech.	Geophysical Technology	ES	7.974
883	180883	13411007	GURKIRAT SINGH	151	Intg. M.Tech.	Geophysical Technology	ES	8.622
884	180884	13411008	HABEEB NABEEL NEYAMATHULLAH	151	Intg. M.Tech.	Geophysical Technology	ES	7.32
885	180885	13411009	JAGRIT SHEORAN	151	Intg. M.Tech.	Geophysical Technology	ES	8.821
886	180886	13411010	MANIK VERMA	151	Intg. M.Tech.	Geophysical Technology	ES	8.112
887	180887	13411011	MANISH KUMAR	151	Intg. M.Tech.	Geophysical Technology	ES	7.898
888	180888	13411013	MULCHANDANI VISHAL HARESH	151	Intg. M.Tech.	Geophysical Technology	ES	9.184
889	180889	13411014	NARESH KUMAR	151	Intg. M.Tech.	Geophysical Technology	ES	6.423
890	180890	13411015	NAVEEN GUPTA	151	Intg. M.Tech.	Geophysical Technology	ES	8.347
891	180891	13410013	NIKHIL SINGH	151	Intg. M.Tech.	Geophysical Technology	ES	9.528
892	180892	13411016	NIKITA SAINI	151	Intg. M.Tech.	Geophysical Technology	ES	7.852
893	180893	13411017	PALLAVI SAHU	151	Intg. M.Tech.	Geophysical Technology	ES	7.857
894	180894	13411018	PATEL AQEEL ILYAS	151	Intg. M.Tech.	Geophysical Technology	ES	8.592
895	180895	13411019	PRIYANSH KAUSHAL	151	Intg. M.Tech.	Geophysical Technology	ES	7.857
896	180896	13411020	ROHIT JAIN	151	Intg. M.Tech.	Geophysical Technology	ES	7.168
897	180897	13411021	SAKSHAM SINGHAL	151	Intg. M.Tech.	Geophysical Technology	ES	6.372
898	180898	13411022	SHALINI KUMARI SONKAR	151	Intg. M.Tech.	Geophysical Technology	ES	6.26

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	DEPT	CGPA
899	180899	13411023	SHIVANKEE SAHU	151	Intg. M.Tech.	Geophysical Technology	ES	6.362
900	180900	13411024	SHUBHAM JAISWAL	151	Intg. M.Tech.	Geophysical Technology	ES	5.781
901	180901	13411025	SHUBHAM MADHEYSIA	151	Intg. M.Tech.	Geophysical Technology	ES	7.741
902	180902	13411026	SHUBHAM SINGH	151	Intg. M.Tech.	Geophysical Technology	ES	8.872
903	180903	13411028	VIPUL PANWAR	151	Intg. M.Tech.	Geophysical Technology	ES	7.918
904	180904	12311005	ANKIT KUMAR	152	Intg. M.Sc.	Physics	PH	5.955
905	180905	12311009	BHATT SIDDHARTH ANANTHARAM KAVITA	152	Intg. M.Sc.	Physics	PH	6.032
906	180906	13311003	BHRIGUMONI DEKA	152	Intg. M.Sc.	Physics	PH	8.385
907	180907	13311004	CHIRAG SANGHI	152	Intg. M.Sc.	Physics	PH	8.315
908	180908	13311006	ESHAN TRIPATHI	152	Intg. M.Sc.	Physics	PH	7.695
909	180909	13311008	JATHIN JAGANNATH GOUD P	152	Intg. M.Sc.	Physics	PH	6.02
910	180910	13311009	K SAMEER SINGH	152	Intg. M.Sc.	Physics	PH	5.475
911	180911	13311010	KAMMARY SHRAVAN KUMAR	152	Intg. M.Sc.	Physics	PH	6.43
912	180912	12311016	KARTIK MEHBOOBANI	152	Intg. M.Sc.	Physics	PH	6.824
913	180913	13311012	KULDEEP KUMAR	152	Intg. M.Sc.	Physics	PH	7.88
914	180914	13311014	PURNENDU	152	Intg. M.Sc.	Physics	PH	6.9
915	180915	13311015	RACHNA MEENA	152	Intg. M.Sc.	Physics	PH	5.206
916	180916	13311016	RAHUL SUNIL JAIN	152	Intg. M.Sc.	Physics	PH	8.527
917	180917	12311028	RITESH URAON	152	Intg. M.Sc.	Physics	PH	5.08
918	180918	13311018	SHARAD MISHRA	152	Intg. M.Sc.	Physics	PH	6.312
919	180919	13120022	SHUBHAM MITTAL	152	Intg. M.Sc.	Physics	PH	5.805
920	180920	13311019	VIJAY SINGH	152	Intg. M.Sc.	Physics	PH	5.865
921	180921	13311020	VINAY YADAV	152	Intg. M.Sc.	Physics	PH	5.85
922	180922	11310011	KUNWAR AVINASH	153	Intg. M.Sc.	Chemistry	CY	5.382
923	180923	12312001	ABHIJEET SHRIVASTAVA	154	Intg. M.Sc.	Applied Mathematics	MA	6.09

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924	180924	13312001	ABHISHEK PRAJAPATI	154	Intg. M.Sc.	Applied Mathematics	MA	6.393
925	180925	13312002	ABHISHEK UPPAL	154	Intg. M.Sc.	Applied Mathematics	MA	6.781
926	180926	13311001	AKASH SHARMA	154	Intg. M.Sc.	Applied Mathematics	MA	8.104
927	180927	13312003	AKSHAY DEEP	154	Intg. M.Sc.	Applied Mathematics	MA	7.517
928	180928	13312004	BIJON GUHA	154	Intg. M.Sc.	Applied Mathematics	MA	6.647
929	180929	13311005	DEEPIKA MEENA	154	Intg. M.Sc.	Applied Mathematics	MA	6.841
930	180930	13312005	DEVENDRA KUMAR	154	Intg. M.Sc.	Applied Mathematics	MA	5.791
931	180931	13312006	GAURAV DHINGRA	154	Intg. M.Sc.	Applied Mathematics	MA	7.343
932	180932	13312007	KANAV VATS	154	Intg. M.Sc.	Applied Mathematics	MA	7.657
933	180933	13312008	KARAN SANJAY SHAH	154	Intg. M.Sc.	Applied Mathematics	MA	7.701
934	180934	13312009	KIRNESH NANDAN	154	Intg. M.Sc.	Applied Mathematics	MA	9.107
935	180935	13312011	MAYANK BHUSHAN SINGH	154	Intg. M.Sc.	Applied Mathematics	MA	5.438
936	180936	13312012	MITHILESH KUMAR	154	Intg. M.Sc.	Applied Mathematics	MA	8.098
937	180937	13312013	MOHAK GARG	154	Intg. M.Sc.	Applied Mathematics	MA	8.395
938	180938	13312014	NANOTI SARASWATI GIRISH	154	Intg. M.Sc.	Applied Mathematics	MA	7.617
939	180939	13410014	NISHANT KUMAR	154	Intg. M.Sc.	Applied Mathematics	MA	6.736
940	180940	13312016	PATEL MAURICE MUKESHBHAI	154	Intg. M.Sc.	Applied Mathematics	MA	6.731
941	180941	13312017	PRATEEK GULATI	154	Intg. M.Sc.	Applied Mathematics	MA	8.184
942	180942	13312018	PULLAGURI MANIDEEP YADAV	154	Intg. M.Sc.	Applied Mathematics	MA	6.662
943	180943	13312019	RISHABH KUMAR	154	Intg. M.Sc.	Applied Mathematics	MA	7.174
944	180944	13312020	SAHIL GAKHAR	154	Intg. M.Sc.	Applied Mathematics	MA	7.279
945	180945	13312023	SHASHI BHUSHAN	154	Intg. M.Sc.	Applied Mathematics	MA	6.378
946	180946	13312024	SHWETA KUMARI SISODIYA	154	Intg. M.Sc.	Applied Mathematics	MA	6.627
947	180947	13312025	SWAPNIL GUPTA	154	Intg. M.Sc.	Applied Mathematics	MA	7.219
948	180948	13312026	TULSI CHOUDHARI	154	Intg. M.Sc.	Applied Mathematics	MA	6.498

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	DEPT	CGPA
949	180949	13312027	YASH SHARMA	154	Intg. M.Sc.	Applied Mathematics	MA	7.72

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
1	180950	16510001	AKANSHA GUPTA	211	M. Arch.			AR	8.118
2	180951	16510002	APARNA S.	211	M. Arch.			AR	8.605
3	180952	16510003	ARSHAD. P	211	M. Arch.			AR	8.184
4	180953	16510004	AVJEET SINGH PLAHA	211	M. Arch.			AR	8.026
5	180954	16510005	DISHA CHATRATH	211	M. Arch.			AR	9.053
6	180955	16510006	JINOJ M.	211	M. Arch.			AR	8.171
7	180956	16510007	KHADSE AISHWARYA PRASHANT VAISHALI	211	M. Arch.			AR	8.105
8	180957	16510008	PRABHAT SHARMA	211	M. Arch.			AR	6.171
9	180958	16510009	PRERNA TOMAR	211	M. Arch.			AR	7.013
10	180959	16510010	SASHANK SINGH	211	M. Arch.			AR	7.632
11	180960	16510011	SHAIK MAHAMMED AZARUDDIN	211	M. Arch.			AR	7.645
12	180961	16510012	SOBHAGYA MITTAL	211	M. Arch.			AR	8.729
13	180962	16510013	SOMYA MISHRA	211	M. Arch.			AR	7.711
14	180963	16510014	TANUJA MISHRA	211	M. Arch.			AR	8.803
15	180964	16510016	VAIBHAV GUPTA	211	M. Arch.			AR	7.526
16	180965	16510017	VENKATESH.B	211	M. Arch.			AR	8.632
17	180966	16511002	ANCHAL ROHILLA	212	MURP			AR	8.632
18	180967	16511003	ANKIT KANNAUJIA	212	MURP			AR	8.013
19	180968	16511005	CHHAVI ARYA	212	MURP			AR	8.629
20	180969	16511006	DIVYA DAHIYA	212	MURP			AR	9.013
21	180970	16511009	INALA SOWJANYA	212	MURP			AR	9.132

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
22	180971	16511010	JAGRITI ARORA	212	MURP			AR	7.092
23	180972	16511011	NAVED HUSSAIN	212	MURP			AR	7.803
24	180973	16511012	POONAM GAMIT	212	MURP			AR	6.895
25	180974	16511013	ROHIT SANKHLA	212	MURP			AR	7.395
26	180975	16511014	SAKSHI AGGARWAL	212	MURP			AR	8.214
27	180976	16511015	SANGHITA BHOWMICK	212	MURP			AR	8.868
28	180977	16511016	SHISHIR KUMAR	212	MURP			AR	7.763
29	180978	16511017	SUMEDHA MITTAL	212	MURP			AR	8.908
30	180979	16512001	ABHINAV SHARMA	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	7.118
31	180980	16512002	ABHISHEK RAJPUT	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	6.971
32	180981	16512030	ADISALEM MEBRAHTU AMARE	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	7.176
33	180982	16512003	AJAY KUMAR	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	8.647
34	180983	16512004	ANAND P J	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	8.824
35	180984	16512005	ANUJ VERMA	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	6.588
36	180985	16512006	DEEPTI PANDEY	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	7.176
37	180986	16512007	DIVYAKSHI AERON	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	9.735
38	180987	16512008	DWIJESH KUMAR SINGH	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	7.529
39	180988	16512009	HARIHAR BHATTA	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	9.147

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
40	180989	16512031	KARSTEN MATABISHI MULENGA	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	8.088
41	180990	16512010	MANISHA MEENA	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	7.412
42	180991	16512011	MEENAKSHI VERMA	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	7.824
43	180992	16512012	PRABHAT KUMAR JHA	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	6.029
44	180993	16512014	PRINCE MITTAL	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	7
45	180994	16512015	RAVI KUMAR	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	6.5
46	180995	16512017	SAROJ MAN TAMRAKAR	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	9.206
47	180996	16512018	SATYENDRA ADHIKARI	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	6.088
48	180997	16512019	SAURABH KUMAR	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	7.412
49	180998	16512020	SHALIGRAM BHANDARI	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	8.324
50	180999	16512021	SHINDE AJINKYA SHARAD	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	7.824
51	181000	16512022	SHIVENDRA PRATAP	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	7.324
52	181001	16512023	SOURISH SINGHA	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	8.853
53	181002	16512024	SURABHI CHAUDHARY	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	8.588
54	181003	16512025	UGYEN TSHERING	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	7.853
55	181004	16512027	VISHAL GUPTA	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	8.265

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
56	181005	16512028	WIDSON KIBASI	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	7.706
57	181006	16512029	YERRA BINDU	221	M.Tech.	AHES	Alternate Hydro Energy Systems	AH	7
58	181007	16513002	AKASH SINGH	222	M.Tech.	EMR&L	Environmental Management of Rivers and Lakes	AH	7.576
59	181008	16513003	AMIT PRASAD	222	M.Tech.	EMR&L	Environmental Management of Rivers and Lakes	AH	6.697
60	181009	16513004	ANURAG MISHRA	222	M.Tech.	EMR&L	Environmental Management of Rivers and Lakes	AH	7.758
61	181010	16513006	MAANSI SURESH SHAH	222	M.Tech.	EMR&L	Environmental Management of Rivers and Lakes	AH	8.364
62	181011	15513008	NOOPUR	222	M.Tech.	EMR&L	Environmental Management of Rivers and Lakes	AH	8.364
63	181012	16513007	RAJEEV RAJAN RATHOUR	222	M.Tech.	EMR&L	Environmental Management of Rivers and Lakes	AH	9.394
64	181013	16513008	SAURABH	222	M.Tech.	EMR&L	Environmental Management of Rivers and Lakes	AH	6.667
65	181014	16513010	STEPHANO M. ALPHAYO	222	M.Tech.	EMR&L	Environmental Management of Rivers and Lakes	AH	8
66	181015	16513009	VIKRAM SINGH	222	M.Tech.	EMR&L	Environmental Management of Rivers and Lakes	AH	6.576
67	181016	16514001	AKANKSHA AGRAWAL	231	M.Tech.	Chemical Engg.	Computer Aided Process Plant Design	CH	8.176

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
68	181017	16514002	AMIT KUMAR DUBEY	231	M.Tech.	Chemical Engg.	Computer Aided Process Plant Design	CH	8.088
69	181018	16514003	BRIJESH KUMAR YADAV	231	M.Tech.	Chemical Engg.	Computer Aided Process Plant Design	CH	7.471
70	181019	16514004	JITENDRA KUMAR PRABHAKAR	231	M.Tech.	Chemical Engg.	Computer Aided Process Plant Design	CH	8.029
71	181020	15514014	KAMALKANT MEGHWAL	231	M.Tech.	Chemical Engg.	Computer Aided Process Plant Design	CH	6.882
72	181021	16514005	KETAN MAHAWER	231	M.Tech.	Chemical Engg.	Computer Aided Process Plant Design	CH	8
73	181022	16514006	LIPSA DUDAWAT	231	M.Tech.	Chemical Engg.	Computer Aided Process Plant Design	CH	8.853
74	181023	15514020	PRASHANT MISHRA	231	M.Tech.	Chemical Engg.	Computer Aided Process Plant Design	CH	8.176
75	181024	16514018	PRIYA DAS	231	M.Tech.	Chemical Engg.	Computer Aided Process Plant Design	CH	8.206
76	181025	16514008	RISHABH DEWANGAN	231	M.Tech.	Chemical Engg.	Computer Aided Process Plant Design	CH	7.147
77	181026	16514009	SAFIYA BANO	231	M.Tech.	Chemical Engg.	Computer Aided Process Plant Design	CH	8.382
78	181027	16514010	SANJAY RAM	231	M.Tech.	Chemical Engg.	Computer Aided Process Plant Design	CH	7.265
79	181028	16514011	SHALU CHAUHAN	231	M.Tech.	Chemical Engg.	Computer Aided Process Plant Design	CH	9.235
80	181029	16514013	SHINA MAINI	231	M.Tech.	Chemical Engg.	Computer Aided Process Plant Design	CH	9.265
81	181030	16514014	SHREYA	231	M.Tech.	Chemical Engg.	Computer Aided Process Plant Design	CH	7.882
82	181031	16514015	SHUBHAM RATHI	231	M.Tech.	Chemical Engg.	Computer Aided Process Plant Design	CH	6.941
83	181032	15514027	SOURAV KANTI ROY	231	M.Tech.	Chemical Engg.	Computer Aided Process Plant Design	CH	7.824

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84	181033	16514016	UTSAV DALAL	231	M.Tech.	Chemical Engg.	Computer Aided Process Plant Design	CH	7.882
85	181034	16514017	VISHNU DEV KUSHAWAHA	231	M.Tech.	Chemical Engg.	Computer Aided Process Plant Design	CH	7.912
86	181035	16515001	ABDUL MUTEEN	232	M.Tech.	Chemical Engg.	Industrial Pollution Abatement	CH	7.588
87	181036	16515003	ABU SAIF	232	M.Tech.	Chemical Engg.	Industrial Pollution Abatement	CH	7.647
88	181037	16515005	BHARAT KUMAR MAHAJAN	232	M.Tech.	Chemical Engg.	Industrial Pollution Abatement	CH	8.176
89	181038	16515006	ISHWAR SHARAN	232	M.Tech.	Chemical Engg.	Industrial Pollution Abatement	CH	6.765
90	181039	15515010	JITENDRA KUMAR	232	M.Tech.	Chemical Engg.	Industrial Pollution Abatement	CH	8
91	181040	16515008	KAVISHA DANG	232	M.Tech.	Chemical Engg.	Industrial Pollution Abatement	CH	9.647
92	181041	16515010	POOJA VERMA	232	M.Tech.	Chemical Engg.	Industrial Pollution Abatement	CH	8.382
93	181042	16515011	PUSHPRAJ CHOUDHARY	232	M.Tech.	Chemical Engg.	Industrial Pollution Abatement	CH	8.118
94	181043	16515012	RAVI PRAKASH	232	M.Tech.	Chemical Engg.	Industrial Pollution Abatement	CH	7.5
95	181044	16515013	RICHA AGRAWAL	232	M.Tech.	Chemical Engg.	Industrial Pollution Abatement	CH	8.265
96	181045	16515014	SADIYA ALMAS	232	M.Tech.	Chemical Engg.	Industrial Pollution Abatement	CH	8.324
97	181046	16515015	SANDEEP JOSHI	232	M.Tech.	Chemical Engg.	Industrial Pollution Abatement	CH	7.824
98	181047	16515016	SOMSHUBHRA MAITY	232	M.Tech.	Chemical Engg.	Industrial Pollution Abatement	CH	8.176
99	181048	16515017	SUNNY TRIVEDI	232	M.Tech.	Chemical Engg.	Industrial Pollution Abatement	CH	7.706

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
100	181049	16515018	ZAID IMRAN	232	M.Tech.	Chemical Engg.	Industrial Pollution Abatement	CH	8.765
101	181050	16519001	ABHINAV CHAWLA	243	M.Tech.	Civil Engg.	Environmental Engineering	CE	7.551
102	181051	16519002	AMAN TIWARI	243	M.Tech.	Civil Engg.	Environmental Engineering	CE	9.145
103	181052	16519003	GHAZAL SRIVASTAVA	243	M.Tech.	Civil Engg.	Environmental Engineering	CE	9.043
104	181053	16519006	MANEESH YADAV	243	M.Tech.	Civil Engg.	Environmental Engineering	CE	6.551
105	181054	16519009	NEHA BISHT	243	M.Tech.	Civil Engg.	Environmental Engineering	CE	7.855
106	181055	16519011	SATYABRATA PATTNAYAK	243	M.Tech.	Civil Engg.	Environmental Engineering	CE	8.29
107	181056	16520001	AMIT AGARWAL	244	M.Tech.	Civil Engg.	Geomatics Engineering	CE	7.514
108	181057	16520003	HIMANSHU GUPTA	244	M.Tech.	Civil Engg.	Geomatics Engineering	CE	6.286
109	181058	16520005	JAYA YADAV	244	M.Tech.	Civil Engg.	Geomatics Engineering	CE	8.486
110	181059	16520006	MAYANK NEGI	244	M.Tech.	Civil Engg.	Geomatics Engineering	CE	6.629
111	181060	16520007	NAVDEEP	244	M.Tech.	Civil Engg.	Geomatics Engineering	CE	7.857
112	181061	16520008	NISHA KUMARI	244	M.Tech.	Civil Engg.	Geomatics Engineering	CE	7.743
113	181062	16520009	PANKAJ KUMAR DHAWAN	244	M.Tech.	Civil Engg.	Geomatics Engineering	CE	7.657
114	181063	16520010	PRASHANT SINGH	244	M.Tech.	Civil Engg.	Geomatics Engineering	CE	7.743
115	181064	15520013	RANVEER	244	M.Tech.	Civil Engg.	Geomatics Engineering	CE	8.829
116	181065	16520011	SHWETA LALL	244	M.Tech.	Civil Engg.	Geomatics Engineering	CE	7.857
117	181066	16520013	VAIBHAW SAGAR	244	M.Tech.	Civil Engg.	Geomatics Engineering	CE	7.543
118	181067	16521002	ADITI TIWARI	245	M.Tech.	Civil Engg.	Geotechnical Engineering	CE	8.176

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
119	181068	16521003	AKHIL KUMAR VANGARI	245	M.Tech.	Civil Engg.	Geotechnical Engineering	CE	7.618
120	181069	16521005	ANAND KUMAR	245	M.Tech.	Civil Engg.	Geotechnical Engineering	CE	8.265
121	181070	16521006	ANSHUL GAUTAM	245	M.Tech.	Civil Engg.	Geotechnical Engineering	CE	8
122	181071	16521009	JADHAV VINITA PUNDLIK	245	M.Tech.	Civil Engg.	Geotechnical Engineering	CE	8.265
123	181072	15521013	KAPIL KUMAR MEENA	245	M.Tech.	Civil Engg.	Geotechnical Engineering	CE	7.912
124	181073	14521022	NAMAN GUPTA	245	M.Tech.	Civil Engg.	Geotechnical Engineering	CE	7.5
125	181074	16521013	NARAMSETTI BHARGAV SAI	245	M.Tech.	Civil Engg.	Geotechnical Engineering	CE	7.382
126	181075	16521014	NITESH PANDEY	245	M.Tech.	Civil Engg.	Geotechnical Engineering	CE	6.353
127	181076	16521015	PANKAJ RAWAT	245	M.Tech.	Civil Engg.	Geotechnical Engineering	CE	7.618
128	181077	16521016	PANKAJ SINGHAL	245	M.Tech.	Civil Engg.	Geotechnical Engineering	CE	8.882
129	181078	16521018	RISHAB BHARDWAJ	245	M.Tech.	Civil Engg.	Geotechnical Engineering	CE	9.235
130	181079	16521019	SHAILY MANDHANYA	245	M.Tech.	Civil Engg.	Geotechnical Engineering	CE	8
131	181080	16521020	SRIJAN MISHRA	245	M.Tech.	Civil Engg.	Geotechnical Engineering	CE	9.059
132	181081	16521021	SUMAN LATA MEENA	245	M.Tech.	Civil Engg.	Geotechnical Engineering	CE	8.5
133	181082	16521022	THOMAS JOHN	245	M.Tech.	Civil Engg.	Geotechnical Engineering	CE	8.647
134	181083	16521023	VISHAL MALIK	245	M.Tech.	Civil Engg.	Geotechnical Engineering	CE	7.029

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
135	181084	15521028	YOGESH MANRAL	245	M.Tech.	Civil Engg.	Geotechnical Engineering	CE	8.147
136	181085	15522001	ABHISHEK PAL	246	M.Tech.	Civil Engg.	Hydraulic Engineering	CE	8.059
137	181086	16522001	AJAY SINGH	246	M.Tech.	Civil Engg.	Hydraulic Engineering	CE	8.029
138	181087	16522003	GAURAV GOET	246	M.Tech.	Civil Engg.	Hydraulic Engineering	CE	7.971
139	181088	16522004	GUNDA ANVESHKUMAR	246	M.Tech.	Civil Engg.	Hydraulic Engineering	CE	7.941
140	181089	16522005	MONIL GARG	246	M.Tech.	Civil Engg.	Hydraulic Engineering	CE	8.118
141	181090	16522006	PAVITRA KUMAR	246	M.Tech.	Civil Engg.	Hydraulic Engineering	CE	8.882
142	181091	16522008	SHAISHAW PRASUN	246	M.Tech.	Civil Engg.	Hydraulic Engineering	CE	7.765
143	181092	16522009	SHUBHAM GOSWAMI	246	M.Tech.	Civil Engg.	Hydraulic Engineering	CE	9.206
144	181093	15522016	VARTIKA DHYANI	246	M.Tech.	Civil Engg.	Hydraulic Engineering	CE	8.471
145	181094	16522010	YOGESH KUMAR KHANDELWAL	246	M.Tech.	Civil Engg.	Hydraulic Engineering	CE	8.471
146	181095	15523004	AKHIL V S	247	M.Tech.	Civil Engg.	Structural Engineering	CE	7.824
147	181096	15523006	ALETI ABHISHEK CHAKRAVARTHY	247	M.Tech.	Civil Engg.	Structural Engineering	CE	6.735
148	181097	16523002	ANKIT JAIN	247	M.Tech.	Civil Engg.	Structural Engineering	CE	7.553
149	181098	16523003	ANKIT KHARE	247	M.Tech.	Civil Engg.	Structural Engineering	CE	6.882
150	181099	16523004	ANKIT MUKATI	247	M.Tech.	Civil Engg.	Structural Engineering	CE	7.088
151	181100	16523007	CHIRAG GARG	247	M.Tech.	Civil Engg.	Structural Engineering	CE	7.912
152	181101	16523008	CHIRANJEEV SAGAR	247	M.Tech.	Civil Engg.	Structural Engineering	CE	6.971
153	181102	16523009	CHOPDA YOGESH RAJENDRA	247	M.Tech.	Civil Engg.	Structural Engineering	CE	8.735
154	181103	16523010	DATTAR SINGH AULAKH	247	M.Tech.	Civil Engg.	Structural Engineering	CE	8.176
155	181104	16523011	DEORE ABHIJIT YASHWANT	247	M.Tech.	Civil Engg.	Structural Engineering	CE	6.265

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156	181105	16523012	GAIKWAD MAHESH DHANAJIRAO	247	M.Tech.	Civil Engg.	Structural Engineering	CE	7.294
157	181106	16523013	HIMANSHU YADAV	247	M.Tech.	Civil Engg.	Structural Engineering	CE	8.882
158	181107	16523015	MAHENDRA PORWAL	247	M.Tech.	Civil Engg.	Structural Engineering	CE	9.088
159	181108	16523016	MANOJ KUMAR	247	M.Tech.	Civil Engg.	Structural Engineering	CE	7.647
160	181109	16523017	MUKUL KATIYAR	247	M.Tech.	Civil Engg.	Structural Engineering	CE	9.176
161	181110	16523018	NIRAJ KUMAR PANDEY	247	M.Tech.	Civil Engg.	Structural Engineering	CE	6.412
162	181111	16523019	PATIL PRASHANT PRAMOD	247	M.Tech.	Civil Engg.	Structural Engineering	CE	8.324
163	181112	16523020	PATIL TUSHAR PRAKASH	247	M.Tech.	Civil Engg.	Structural Engineering	CE	7.324
164	181113	16523021	PUNEET JAIN	247	M.Tech.	Civil Engg.	Structural Engineering	CE	7.941
165	181114	16523022	PUSHPENDRA KUMAR	247	M.Tech.	Civil Engg.	Structural Engineering	CE	6.265
166	181115	16523026	SAGAR JASUJA	247	M.Tech.	Civil Engg.	Structural Engineering	CE	7.5
167	181116	16523027	SAJAD AHMAD BHAT	247	M.Tech.	Civil Engg.	Structural Engineering	CE	8.833
168	181117	15523038	SAURABH KHANDELWAL	247	M.Tech.	Civil Engg.	Structural Engineering	CE	8
169	181118	16523028	SEEMAB DANISH	247	M.Tech.	Civil Engg.	Structural Engineering	CE	7.471
170	181119	16523029	SHANTANU SINGH	247	M.Tech.	Civil Engg.	Structural Engineering	CE	8.353
171	181120	16523030	TAKALE VIRAJ VIJAY MANGAL	247	M.Tech.	Civil Engg.	Structural Engineering	CE	6.824
172	181121	16523031	UDITA PANT	247	M.Tech.	Civil Engg.	Structural Engineering	CE	9.176
173	181122	16523032	VINAY DIGAMBER GAIKWAD	247	M.Tech.	Civil Engg.	Structural Engineering	CE	7.676
174	181123	16523033	VIPIN VERMA	247	M.Tech.	Civil Engg.	Structural Engineering	CE	7.324
175	181124	15523042	VIVEK MISHRA	247	M.Tech.	Civil Engg.	Structural Engineering	CE	6.941
176	181125	16523035	WABLE NARESH DEVRAM	247	M.Tech.	Civil Engg.	Structural Engineering	CE	7.5

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
177	181126	16523036	Z D LALTLANZOVA	247	M.Tech.	Civil Engg.	Structural Engineering	CE	7.794
178	181127	16524001	ABHISHEK KUMAR SINGH	248	M.Tech.	Civil Engg.	Transportation Engineering	CE	7.471
179	181128	16524003	AKSHAY GUPTA	248	M.Tech.	Civil Engg.	Transportation Engineering	CE	8.647
180	181129	16524004	APARNA SINGH	248	M.Tech.	Civil Engg.	Transportation Engineering	CE	6.706
181	181130	16524006	DHANKUTE AYUSH SHARAD	248	M.Tech.	Civil Engg.	Transportation Engineering	CE	8.647
182	181131	16524007	DHAWAL SHINTRE	248	M.Tech.	Civil Engg.	Transportation Engineering	CE	8.118
183	181132	16524008	GAURAV SINGH RAGHAV	248	M.Tech.	Civil Engg.	Transportation Engineering	CE	7.765
184	181133	16524009	GAURAV VEER	248	M.Tech.	Civil Engg.	Transportation Engineering	CE	7
185	181134	16524010	HARDIK GOSAR	248	M.Tech.	Civil Engg.	Transportation Engineering	CE	8.706
186	181135	16524012	JAGJIT KUMAR	248	M.Tech.	Civil Engg.	Transportation Engineering	CE	8.029
187	181136	15524013	JOGINDER PRATAP SINGH	248	M.Tech.	Civil Engg.	Transportation Engineering	CE	8.235
188	181137	16524016	MALVEE SINGLA	248	M.Tech.	Civil Engg.	Transportation Engineering	CE	8.882
189	181138	16524017	MAYANK SHEKHAR	248	M.Tech.	Civil Engg.	Transportation Engineering	CE	7.618
190	181139	15524018	MUKUL GIRI GOSWAMI	248	M.Tech.	Civil Engg.	Transportation Engineering	CE	7.294
191	181140	15524019	NAMAN JAIN	248	M.Tech.	Civil Engg.	Transportation Engineering	CE	7.735
192	181141	16524018	NEERAJ KUMAR	248	M.Tech.	Civil Engg.	Transportation Engineering	CE	8.353
193	181142	16524019	NIDHI CHOUDHARY	248	M.Tech.	Civil Engg.	Transportation Engineering	CE	8.324

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
194	181143	16524020	PRAKHAR AGRAWAL	248	M.Tech.	Civil Engg.	Transportation Engineering	CE	8.235
195	181144	16524023	RAVENDRA SINGH	248	M.Tech.	Civil Engg.	Transportation Engineering	CE	9.412
196	181145	15524030	TINKU	248	M.Tech.	Civil Engg.	Transportation Engineering	CE	9.118
197	181146	15525001	ABDUR RASHEED NAWAZ	251	M.Tech.	Earthquake Engg.	Soil Dynamic	EQ	7.243
198	181147	16525001	ABHAY SINGH	251	M.Tech.	Earthquake Engg.	Soil Dynamic	EQ	7.271
199	181148	16525004	JITESH SAWANNI	251	M.Tech.	Earthquake Engg.	Soil Dynamic	EQ	8.757
200	181149	16525005	MODHA KAVAN GIRISHCHANDRA	251	M.Tech.	Earthquake Engg.	Soil Dynamic	EQ	9.288
201	181150	16525006	PALI BHAVE	251	M.Tech.	Earthquake Engg.	Soil Dynamic	EQ	7.886
202	181151	16525007	PARVATHY PAVANAN S.	251	M.Tech.	Earthquake Engg.	Soil Dynamic	EQ	8.986
203	181152	16525008	PRAKASH MOKHA	251	M.Tech.	Earthquake Engg.	Soil Dynamic	EQ	9.529
204	181153	16525009	RINKU	251	M.Tech.	Earthquake Engg.	Soil Dynamic	EQ	6.857
205	181154	16525010	SHASHANK KULDIP	251	M.Tech.	Earthquake Engg.	Soil Dynamic	EQ	7.157
206	181155	16525011	SHASHANK SHARMA	251	M.Tech.	Earthquake Engg.	Soil Dynamic	EQ	7.243
207	181156	16525012	SHUBHAM	251	M.Tech.	Earthquake Engg.	Soil Dynamic	EQ	7.7
208	181157	16525013	SURESH KUMAR	251	M.Tech.	Earthquake Engg.	Soil Dynamic	EQ	7.543
209	181158	16525014	TADAVARTHI SREE HARSHA	251	M.Tech.	Earthquake Engg.	Soil Dynamic	EQ	8.671
210	181159	16525015	VISHVENDRA TIWARI	251	M.Tech.	Earthquake Engg.	Soil Dynamic	EQ	8.729
211	181160	16526001	AARTI TANEJA	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	7.571
212	181161	16526003	AKANKSHA AGARWAL	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	8.143
213	181162	16526004	ALI AHMAD KHAN	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	7.543

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
214	181163	16526005	AMAN SHARMA	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	6.971
215	181164	16526006	ARCHIT SINGH PARIHAR	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	6.414
216	181165	16526007	ARUN TYAGI	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	7.271
217	181166	16526025	BONTHU S S V S ASISH	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	7.186
218	181167	16526008	BUDRUKE VISHWAJEET JAYCHAND	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	6.457
219	181168	16526009	DEVAYAN BHATTACHARJEE	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	8.443
220	181169	15526004	DHEERAJ VIRMANI	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	7.357
221	181170	16526010	DHIRENDRA KUMAR	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	6.986
222	181171	15526005	DINESH KUMAR GUPTA	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	6.786
223	181172	16526011	H KEERTHI TEJA	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	7.114
224	181173	16526012	KUSUM SAINI	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	8.771
225	181174	16526013	MANISH SINGH	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	7.414
226	181175	16526014	PATIL APRATIM ALIAS AKSHAY AJINKYA PADMASHRI	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	9.2
227	181176	16526016	PRAVEEN RAJPUROHIT	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	7.614
228	181177	16526026	RATHOD ABHIRAJ RAJENDRASINH	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	9.2
229	181178	16526017	ROHIT BANSAL	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	7.2
230	181179	15526017	SAHIL	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	7.943
231	181180	15526018	SAMBHAV JAIN	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	7.5
232	181181	16526019	SHIVAM GUPTA	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	8.443
233	181182	16526020	SHIVAM HURIYA	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	9.457
234	181183	15526026	SOUBHAGYA KUMAR SAHOO	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	7.543

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235	181184	16526021	SOUMYABRATA SINHA	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	9.129
236	181185	16526024	VIVEK BHARDWAJ	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	7.7
237	181186	15526030	VIVEK SINGH DHAANIA	252	M.Tech.	Earthquake Engg.	Structural Dynamics	EQ	7.714
238	181187	16553001	ASMITA SHARMA	253	M.Tech.	Earthquake Engg.	Seismic Vulnerability and Risk Assessment	EQ	9.257
239	181188	16553003	C LALLAWMAWMA	253	M.Tech.	Earthquake Engg.	Seismic Vulnerability and Risk Assessment	EQ	7.9
240	181189	16553004	CHEEPULLA DHANA LAKSHMI	253	M.Tech.	Earthquake Engg.	Seismic Vulnerability and Risk Assessment	EQ	7.2
241	181190	16553005	DHAWAL SAMARIA	253	M.Tech.	Earthquake Engg.	Seismic Vulnerability and Risk Assessment	EQ	6.686
242	181191	16553006	JITESH CHAUDHARY	253	M.Tech.	Earthquake Engg.	Seismic Vulnerability and Risk Assessment	EQ	6.857
243	181192	16553008	NISHANT KUMAR	253	M.Tech.	Earthquake Engg.	Seismic Vulnerability and Risk Assessment	EQ	7.543
244	181193	16553010	RITESH KUMAR RAI	253	M.Tech.	Earthquake Engg.	Seismic Vulnerability and Risk Assessment	EQ	7
245	181194	15553011	SAKSHI RAUTELA	253	M.Tech.	Earthquake Engg.	Seismic Vulnerability and Risk Assessment	EQ	7.986
246	181195	15553012	SHALU CHAUHAN	253	M.Tech.	Earthquake Engg.	Seismic Vulnerability and Risk Assessment	EQ	7.971
247	181196	16553011	SIMRAN VERMA	253	M.Tech.	Earthquake Engg.	Seismic Vulnerability and Risk Assessment	EQ	9.314
248	181197	15553013	SRIJAN CHAUDHARY	253	M.Tech.	Earthquake Engg.	Seismic Vulnerability and Risk Assessment	EQ	7.871
249	181198	16553012	TEJASWI ANAND	253	M.Tech.	Earthquake Engg.	Seismic Vulnerability and Risk Assessment	EQ	8.214
250	181199	16553013	VIKASH KUMAR	253	M.Tech.	Earthquake Engg.	Seismic Vulnerability and Risk Assessment	EQ	6.4
251	181200	15527006	CHIRAG PARMAR	261	M.Tech.	Electrical Engg.	Electric Drives and Power Electronics	EE	6.412

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
252	181201	16527006	DESAI ANAND KUSHANG	261	M.Tech.	Electrical Engg.	Electric Drives and Power Electronics	EE	9.059
253	181202	16527008	HAMEDALNEEL BABIKER ABOH HAMID	261	M.Tech.	Electrical Engg.	Electric Drives and Power Electronics	EE	7.265
254	181203	14527008	JUNNURI M VEERA VENKATA SATYAARAVIND	261	M.Tech.	Electrical Engg.	Electric Drives and Power Electronics	EE	8.824
255	181204	15527009	KORLA INDRASENA REDDY	261	M.Tech.	Electrical Engg.	Electric Drives and Power Electronics	EE	7.471
256	181205	16527010	PRASHANT SHARMA	261	M.Tech.	Electrical Engg.	Electric Drives and Power Electronics	EE	6.588
257	181206	16527013	ROHAN SAINI	261	M.Tech.	Electrical Engg.	Electric Drives and Power Electronics	EE	7.471
258	181207	16527014	RUDRANIL GHOSH	261	M.Tech.	Electrical Engg.	Electric Drives and Power Electronics	EE	7.912
259	181208	16527016	SHEMBEKAR SANKALP GANESH	261	M.Tech.	Electrical Engg.	Electric Drives and Power Electronics	EE	8.118
260	181209	16527018	SWATI MEHRA	261	M.Tech.	Electrical Engg.	Electric Drives and Power Electronics	EE	8.765
261	181210	16527019	TEJASH YADAV	261	M.Tech.	Electrical Engg.	Electric Drives and Power Electronics	EE	6.5
262	181211	15528004	GAYATRI DEVI	262	M.Tech.	Electrical Engg.	Instrumentation and Signal Processing	EE	7.788
263	181212	16528006	PANKAJ DAS PRAJAPATI	262	M.Tech.	Electrical Engg.	Instrumentation and Signal Processing	EE	7.061
264	181213	14528017	SHILPI VERMA	262	M.Tech.	Electrical Engg.	Instrumentation and Signal Processing	EE	8.727
265	181214	16528010	SURAJA K. P.	262	M.Tech.	Electrical Engg.	Instrumentation and Signal Processing	EE	9.394
266	181215	16528012	VAIBHAV GAUTAM	262	M.Tech.	Electrical Engg.	Instrumentation and Signal Processing	EE	7.727
267	181216	14528018	VEER PRATAP SINGH	262	M.Tech.	Electrical Engg.	Instrumentation and Signal Processing	EE	7.212

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
268	181217	16528013	VIVEK SONI	262	M.Tech.	Electrical Engg.	Instrumentation and Signal Processing	EE	7.212
269	181218	16529001	AARUNI CHAUDHARY	263	M.Tech.	Electrical Engg.	Power System Engineering	EE	8.559
270	181219	16529004	ANKIT RATHI	263	M.Tech.	Electrical Engg.	Power System Engineering	EE	7.294
271	181220	15529004	ANKUR YADAV	263	M.Tech.	Electrical Engg.	Power System Engineering	EE	6.147
272	181221	15529005	ANURAG SAXENA	263	M.Tech.	Electrical Engg.	Power System Engineering	EE	6.5
273	181222	16529005	ARCHANA TAMRAKAR	263	M.Tech.	Electrical Engg.	Power System Engineering	EE	7.706
274	181223	15529008	CHANDRAMANI KUMAR	263	M.Tech.	Electrical Engg.	Power System Engineering	EE	6.706
275	181224	16529006	GAURAV GAHLOT	263	M.Tech.	Electrical Engg.	Power System Engineering	EE	7.441
276	181225	16529008	HIMESH KUMAR	263	M.Tech.	Electrical Engg.	Power System Engineering	EE	7.941
277	181226	15529017	KOTHAPALLI V S R SRI HARSHA	263	M.Tech.	Electrical Engg.	Power System Engineering	EE	7.441
278	181227	16529011	PARNICA SHARMA	263	M.Tech.	Electrical Engg.	Power System Engineering	EE	9.353
279	181228	16529014	RAJPUT MAYURI PRADEEPSING	263	M.Tech.	Electrical Engg.	Power System Engineering	EE	9.529
280	181229	15529020	RAVINDRA KUMAR	263	M.Tech.	Electrical Engg.	Power System Engineering	EE	6.971
281	181230	15530002	ANAMIKA	264	M.Tech.	Electrical Engg.	System and Control	EE	8.029
282	181231	16530004	ARPIT VERMA	264	M.Tech.	Electrical Engg.	System and Control	EE	7.559
283	181232	16530008	KANNAM NAGA SAI MANOHAR	264	M.Tech.	Electrical Engg.	System and Control	EE	7.706
284	181233	16530009	MAHENDRA SINGH TOMAR	264	M.Tech.	Electrical Engg.	System and Control	EE	9.5

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LIST OF POSTGRADUATE DEGREE RECEIPIENTS 2018

SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
285	181234	16530010	MIHIR GHOOI	264	M.Tech.	Electrical Engg.	System and Control	EE	8.529
286	181235	16530011	MORREIRA FERNANDES CESARINO NIHARANQUE	264	M.Tech.	Electrical Engg.	System and Control	EE	8.265
287	181236	16530012	NEETU CHOUDHARY	264	M.Tech.	Electrical Engg.	System and Control	EE	9.235
288	181237	16530013	NITISH KUMAR	264	M.Tech.	Electrical Engg.	System and Control	EE	6.265
289	181238	16530014	POORNIMA RAJPOOT	264	M.Tech.	Electrical Engg.	System and Control	EE	8.147
290	181239	16530015	PRABAL BIJOY DUTTA	264	M.Tech.	Electrical Engg.	System and Control	EE	7.971
291	181240	15530017	RASHMI	264	M.Tech.	Electrical Engg.	System and Control	EE	7.882
292	181241	16530018	ROHIT KUMAR	264	M.Tech.	Electrical Engg.	System and Control	EE	6.471
293	181242	15530020	SANJAY SINGH	264	M.Tech.	Electrical Engg.	System and Control	EE	6.529
294	181243	16530020	SHIVAM JAIN	264	M.Tech.	Electrical Engg.	System and Control	EE	9.559
295	181244	16530021	SOUMYADEEP BOSE	264	M.Tech.	Electrical Engg.	System and Control	EE	8.912
296	181245	16531001	ABHILASH RANJAN	271	M.Tech.	Electronics and Communication Engg.	Communication Systems	EC	7.727
297	181246	16531003	AKIF HUSAIN	271	M.Tech.	Electronics and Communication Engg.	Communication Systems	EC	8.576
298	181247	16531004	ARCHIT ROHATGI	271	M.Tech.	Electronics and Communication Engg.	Communication Systems	EC	7.606
299	181248	16531006	DEVASHISH ARORA	271	M.Tech.	Electronics and Communication Engg.	Communication Systems	EC	8.758
300	181249	16531007	GHANSHYAMKUMAR S K SAH	271	M.Tech.	Electronics and Communication Engg.	Communication Systems	EC	9.364
301	181250	16531008	JIGYASU BAGAI	271	M.Tech.	Electronics and Communication Engg.	Communication Systems	EC	7.955
302	181251	16531010	MANISH KUMAR	271	M.Tech.	Electronics and Communication Engg.	Communication Systems	EC	8.5
303	181252	16531011	MANISH KUMAR YADAV	271	M.Tech.	Electronics and Communication Engg.	Communication Systems	EC	8.288

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
304	181253	16531012	MAYANK MISHRA	271	M.Tech.	Electronics and Communication Engg.	Communication Systems	EC	8.47
305	181254	16531013	MEHAK SOOD	271	M.Tech.	Electronics and Communication Engg.	Communication Systems	EC	7.419
306	181255	16531014	NIKHIL KUMAR	271	M.Tech.	Electronics and Communication Engg.	Communication Systems	EC	7.955
307	181256	16531015	NISHTHA GAUTAM	271	M.Tech.	Electronics and Communication Engg.	Communication Systems	EC	7.591
308	181257	16531016	POONAM SAGAR	271	M.Tech.	Electronics and Communication Engg.	Communication Systems	EC	7.985
309	181258	16531018	RAJEEV KUMAR	271	M.Tech.	Electronics and Communication Engg.	Communication Systems	EC	7.152
310	181259	15531014	RAJNISH KUMAR SINGH	271	M.Tech.	Electronics and Communication Engg.	Communication Systems	EC	6.939
311	181260	16531020	RITESH GARG	271	M.Tech.	Electronics and Communication Engg.	Communication Systems	EC	8.515
312	181261	15531016	RIYA MONDAL	271	M.Tech.	Electronics and Communication Engg.	Communication Systems	EC	8.076
313	181262	16531021	SAKSHI MEENA	271	M.Tech.	Electronics and Communication Engg.	Communication Systems	EC	7.697
314	181263	16531022	STEFFY MAKKAR	271	M.Tech.	Electronics and Communication Engg.	Communication Systems	EC	8.121
315	181264	16533001	AJAY SUDERSHAN JUMMIDI	273	M.Tech.	Electronics and Communication Engg.	R.F. & Microwave Engineering	EC	8.209
316	181265	16533002	DELPHINE ALPHONSA JOSE	273	M.Tech.	Electronics and Communication Engg.	R.F. & Microwave Engineering	EC	9.179
317	181266	16533003	GAUTAM SONI	273	M.Tech.	Electronics and Communication Engg.	R.F. & Microwave Engineering	EC	9.418
318	181267	16533004	GAUTAM VERMA	273	M.Tech.	Electronics and Communication Engg.	R.F. & Microwave Engineering	EC	7.91
319	181268	16533005	GURJAR KISHANKUMAR DHARMVIR	273	M.Tech.	Electronics and Communication Engg.	R.F. & Microwave Engineering	EC	8.134

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
320	181269	15533005	GURSHARAN SINGH	273	M.Tech.	Electronics and Communication Engg.	R.F. & Microwave Engineering	EC	7.862
321	181270	16533018	KUMAR AWAKSHEP	273	M.Tech.	Electronics and Communication Engg.	R.F. & Microwave Engineering	EC	7.239
322	181271	16533006	MAYANK PARASHAR	273	M.Tech.	Electronics and Communication Engg.	R.F. & Microwave Engineering	EC	7.418
323	181272	16533007	PARESH DHONDIRAM BURANDE	273	M.Tech.	Electronics and Communication Engg.	R.F. & Microwave Engineering	EC	8.463
324	181273	16533010	RAHUL GARG	273	M.Tech.	Electronics and Communication Engg.	R.F. & Microwave Engineering	EC	7.761
325	181274	16533011	RAJUL JAIN	273	M.Tech.	Electronics and Communication Engg.	R.F. & Microwave Engineering	EC	8.836
326	181275	16533012	RASHMI SONI	273	M.Tech.	Electronics and Communication Engg.	R.F. & Microwave Engineering	EC	9.06
327	181276	16533013	RICHA CHAUDHARY	273	M.Tech.	Electronics and Communication Engg.	R.F. & Microwave Engineering	EC	8.582
328	181277	16533014	SACHIN CHETAL	273	M.Tech.	Electronics and Communication Engg.	R.F. & Microwave Engineering	EC	7.642
329	181278	16533015	SATYA PRAKASH	273	M.Tech.	Electronics and Communication Engg.	R.F. & Microwave Engineering	EC	7.597
330	181279	16533016	SHASHWAT PANDEY	273	M.Tech.	Electronics and Communication Engg.	R.F. & Microwave Engineering	EC	8.851
331	181280	16533017	VIBHA TRIPATHI	273	M.Tech.	Electronics and Communication Engg.	R.F. & Microwave Engineering	EC	9.299
332	181281	16534001	AMIT KUMAR	274	M.Tech.	Electronics and Communication Engg.	Microelectronics and VLSI	EC	7.464
333	181282	16534002	ASHISH KUMAR ARYA	274	M.Tech.	Electronics and Communication Engg.	Microelectronics and VLSI	EC	5.638
334	181283	16534003	CH BINDU MADHAVI	274	M.Tech.	Electronics and Communication Engg.	Microelectronics and VLSI	EC	9.174
335	181284	16534004	DIVYAM	274	M.Tech.	Electronics and Communication Engg.	Microelectronics and VLSI	EC	8.435

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
336	181285	16534005	KINTADA DINESH KUMAR	274	M.Tech.	Electronics and Communication Engg.	Microelectronics and VLSI	EC	8
337	181286	16534006	KRUTARTH KISHOR KATHANE	274	M.Tech.	Electronics and Communication Engg.	Microelectronics and VLSI	EC	7.377
338	181287	16534007	MOHIT SHARMA	274	M.Tech.	Electronics and Communication Engg.	Microelectronics and VLSI	EC	8.478
339	181288	16534009	RAHUL V SAGAR	274	M.Tech.	Electronics and Communication Engg.	Microelectronics and VLSI	EC	8.261
340	181289	16534011	RICHA BHARTI	274	M.Tech.	Electronics and Communication Engg.	Microelectronics and VLSI	EC	6.565
341	181290	16534012	SARAN PRASAD K J	274	M.Tech.	Electronics and Communication Engg.	Microelectronics and VLSI	EC	7.942
342	181291	16534016	THOTE SHRUTI PRAKASH	274	M.Tech.	Electronics and Communication Engg.	Microelectronics and VLSI	EC	6.71
343	181292	16534017	VIVEK KUMAR	274	M.Tech.	Electronics and Communication Engg.	Microelectronics and VLSI	EC	9.217
344	181293	16535001	AKSHAT MISHRA	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	6.206
345	181294	16535003	ANIRBAN MITRA	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	8.118
346	181295	16535004	ANKUSH JINDAL	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	8.853
347	181296	16535005	ARJUN SHARMA	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	7.059
348	181297	16535006	AYUSH RATHI	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	8.235
349	181298	16535007	BHARATH T S	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	9.235
350	181299	16535008	BHUPENDRA SINGH MEENA	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	6.382
351	181300	16535009	DEEPANSHU DIXIT	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	9.5

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
352	181301	16535010	DOLA SPANDANA	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	7.882
353	181302	16535011	GIRISH KOSHTI	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	8.971
354	181303	16535012	GOUTAM KUMAR	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	7.324
355	181304	16535013	GOVIND JAISWAL	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	7.235
356	181305	16535014	HIMANSHI VERMA	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	8.059
357	181306	16535015	HIMANSHU MAKAR	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	9.529
358	181307	16535016	HIMANSHU SAGAR	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	7.441
359	181308	16535018	KADAM DEEPIKA ASHOK ANURADHA	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	9.265
360	181309	16535019	KANISHK LOHUMI	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	8.618
361	181310	16535020	KARTIK	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	7.882
362	181311	16535022	MANPREET KAUR	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	8.206
363	181312	16535045	MARAM HASAN	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	8.794
364	181313	16535023	MOHAMED IMRAN H R	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	7.676
365	181314	16535024	MONIKA GAHALAWAT	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	8.912
366	181315	16535025	MRIDUL KATTA	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	9.441
367	181316	16535026	PINTU KUMAR CHOUDHARY	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	6.971

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
368	181317	16535027	PRASHANT SAHU	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	7.824
369	181318	16535028	PREETI	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	8
370	181319	16535030	RACHNA RANI	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	8.971
371	181320	16535031	RAGHU TAK	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	7.176
372	181321	16535032	RAHUL SINGLA	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	8.735
373	181322	16535033	RAJAT SHARMA	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	8.824
374	181323	16535035	RENUKA SHARMA	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	8.941
375	181324	16535036	SHEETAL YADAV	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	8.647
376	181325	16535037	SHIVALI SHARMA	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	9.118
377	181326	16535038	SHIVAM VERMA	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	8.412
378	181327	16535040	SHUBHAM SHARMA	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	8.676
379	181328	15535039	SHUBHANGI JAISWAL	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	9.324
380	181329	16535041	SNEHA CHAUHAN	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	8.824
381	181330	16535042	SUSHANT SHARMA	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	7.324
382	181331	16535043	VAISHALI KHURANA	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	9.5
383	181332	16535044	VIPIN SINGH	275	M.Tech.	Computer Science & Engg.	Computer Science & Engineering	CS	6.765
384	181333	16538006	RIJUL SINGLA	281	M.Tech.	Mechanical Engg.	CAD, CAM & Robotics	ME	8.941

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
385	181334	16538007	VEDANT YADAV	281	M.Tech.	Mechanical Engg.	CAD, CAM & Robotics	ME	7.588
386	181335	16539001	AMAN MAHAR	282	M.Tech.	Mechanical Engg.	Machine Design Engineering	ME	8.588
387	181336	16539002	ANOOP KUMAR GODARA	282	M.Tech.	Mechanical Engg.	Machine Design Engineering	ME	7.647
388	181337	16539013	G BHARADWAJ	282	M.Tech.	Mechanical Engg.	Machine Design Engineering	ME	8.206
389	181338	16539003	GAWADE SHANTANU ANNASAHEB VASANTI	282	M.Tech.	Mechanical Engg.	Machine Design Engineering	ME	6.765
390	181339	16539004	JIVANI CHINMAY RAMESHKUMAR	282	M.Tech.	Mechanical Engg.	Machine Design Engineering	ME	8.941
391	181340	16539005	KUSHAGRA GUPTA	282	M.Tech.	Mechanical Engg.	Machine Design Engineering	ME	7.706
392	181341	16539006	MANIK SINGH	282	M.Tech.	Mechanical Engg.	Machine Design Engineering	ME	7.882
393	181342	16539007	PANKAJ SHARMA	282	M.Tech.	Mechanical Engg.	Machine Design Engineering	ME	7.824
394	181343	16539008	PAWAN KUMAR YADAV	282	M.Tech.	Mechanical Engg.	Machine Design Engineering	ME	7.5
395	181344	16539009	PRADIP KUMAR	282	M.Tech.	Mechanical Engg.	Machine Design Engineering	ME	7.529
396	181345	16539012	SACHIN SILMANA	282	M.Tech.	Mechanical Engg.	Machine Design Engineering	ME	8.029
397	181346	15539016	SHUBHAM BHARTI	282	M.Tech.	Mechanical Engg.	Machine Design Engineering	ME	7.735
398	181347	15539019	TEETU KUMAR	282	M.Tech.	Mechanical Engg.	Machine Design Engineering	ME	8.735
399	181348	16540003	ANIKET DIPAK MOHITKAR	283	M.Tech.	Mechanical Engg.	Production & Industrial Systems Engineering	ME	8.265
400	181349	15540008	DHARMENDRA KUMAR	283	M.Tech.	Mechanical Engg.	Production & Industrial Systems Engineering	ME	7.647
401	181350	15540009	DHRUV NARAYAN	283	M.Tech.	Mechanical Engg.	Production & Industrial Systems Engineering	ME	8.971

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
402	181351	16540004	JITENDRA YADAV	283	M.Tech.	Mechanical Engg.	Production & Industrial Systems Engineering	ME	8.794
403	181352	16540005	KAPIL PAWARIYA	283	M.Tech.	Mechanical Engg.	Production & Industrial Systems Engineering	ME	8.971
404	181353	16540007	NITISH AGARWAL	283	M.Tech.	Mechanical Engg.	Production & Industrial Systems Engineering	ME	8.529
405	181354	15540018	SUMANT KUMAR	283	M.Tech.	Mechanical Engg.	Production & Industrial Systems Engineering	ME	7.853
406	181355	16540012	VISHNU GOYAL	283	M.Tech.	Mechanical Engg.	Production & Industrial Systems Engineering	ME	8.147
407	181356	16541001	ABHINAV TIWARI	284	M.Tech.	Mechanical Engg.	Thermal Engineering	ME	8.029
408	181357	16541002	AKHIL GUPTA	284	M.Tech.	Mechanical Engg.	Thermal Engineering	ME	7.441
409	181358	16541004	CHAUHAN ANKITKUMAR KANUBHAI	284	M.Tech.	Mechanical Engg.	Thermal Engineering	ME	8.5
410	181359	16541011	GAWANDE NINAD GOVIND	284	M.Tech.	Mechanical Engg.	Thermal Engineering	ME	8.441
411	181360	16538004	JESIM HASHMY	284	M.Tech.	Mechanical Engg.	Thermal Engineering	ME	8.941
412	181361	16541005	JIVLAL PANDIT	284	M.Tech.	Mechanical Engg.	Thermal Engineering	ME	7.265
413	181362	16541010	SANJEEV KUMAR SAHDEV	284	M.Tech.	Mechanical Engg.	Thermal Engineering	ME	7.059
414	181363	15541019	SUBHAMOY PAL	284	M.Tech.	Mechanical Engg.	Thermal Engineering	ME	9.559
415	181364	15541020	SUDHIR KUMAR VERMA	284	M.Tech.	Mechanical Engg.	Thermal Engineering	ME	7.471
416	181365	16542002	ANKUSH PAL	285	M.Tech.	Mechanical Engg.	Welding Engineering	ME	6.529
417	181366	16542003	ARUN KUMAR JENA	285	M.Tech.	Mechanical Engg.	Welding Engineering	ME	7.5
418	181367	16542006	RAJDEV SINGH	285	M.Tech.	Mechanical Engg.	Welding Engineering	ME	8.853
419	181368	16542007	VIKAS GANGWAR	285	M.Tech.	Mechanical Engg.	Welding Engineering	ME	6.647
420	181369	16544002	APOORBO GUHA ROY	292	M.Tech.	Metallurgical and Materials Engg.	Industrial Metallurgy	MT	7.441

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
421	181370	16544003	ARNAB DASTIDAR	292	M.Tech.	Metallurgical and Materials Engg.	Industrial Metallurgy	MT	7.176
422	181371	16544004	BHARAT BEHL	292	M.Tech.	Metallurgical and Materials Engg.	Industrial Metallurgy	MT	7.794
423	181372	16544005	DEEPAK KUMAR	292	M.Tech.	Metallurgical and Materials Engg.	Industrial Metallurgy	MT	8.941
424	181373	16544016	DEVANG GANDHI	292	M.Tech.	Metallurgical and Materials Engg.	Industrial Metallurgy	MT	8.059
425	181374	16544006	GANDHI YASHKUMAR ATULKUMAR	292	M.Tech.	Metallurgical and Materials Engg.	Industrial Metallurgy	MT	8.735
426	181375	16544007	JIJO CHRISTUDASJUSTUS	292	M.Tech.	Metallurgical and Materials Engg.	Industrial Metallurgy	MT	8.441
427	181376	16544008	MAYANK THAPLIYAL	292	M.Tech.	Metallurgical and Materials Engg.	Industrial Metallurgy	MT	5.265
428	181377	16544009	PANCHADI HARISHANKAR	292	M.Tech.	Metallurgical and Materials Engg.	Industrial Metallurgy	MT	7.353
429	181378	16544012	PREETIKA BANIWAL	292	M.Tech.	Metallurgical and Materials Engg.	Industrial Metallurgy	MT	7.353
430	181379	16544013	RAJESH KUMAR	292	M.Tech.	Metallurgical and Materials Engg.	Industrial Metallurgy	MT	7.235
431	181380	16544015	SHREY AGRAWAL	292	M.Tech.	Metallurgical and Materials Engg.	Industrial Metallurgy	MT	8.118
432	181381	16545001	AARIF KAMAL	293	M.Tech.	Metallurgical and Materials Engg.	Materials Engineering	MT	7.059
433	181382	16545002	ABHINAV PRIYADARSHI	293	M.Tech.	Metallurgical and Materials Engg.	Materials Engineering	MT	9.324
434	181383	16545003	ANKIT YADAV	293	M.Tech.	Metallurgical and Materials Engg.	Materials Engineering	MT	8
435	181384	16545004	ANKUR	293	M.Tech.	Metallurgical and Materials Engg.	Materials Engineering	MT	8.676
436	181385	15545004	ARPAN ARORA	293	M.Tech.	Metallurgical and Materials Engg.	Materials Engineering	MT	6.618

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
437	181386	16545005	ASHUL KUMAR SAGAR	293	M.Tech.	Metallurgical and Materials Engg.	Materials Engineering	MT	8
438	181387	16545007	DEEPAK KUMAR	293	M.Tech.	Metallurgical and Materials Engg.	Materials Engineering	MT	6.853
439	181388	16545010	HRIDAY MOHAN	293	M.Tech.	Metallurgical and Materials Engg.	Materials Engineering	MT	7.765
440	181389	15545009	KHUSHBU JYOTSNA KINDO	293	M.Tech.	Metallurgical and Materials Engg.	Materials Engineering	MT	6.765
441	181390	16545011	MADAVI MOHIT GANPAT	293	M.Tech.	Metallurgical and Materials Engg.	Materials Engineering	MT	7.853
442	181391	16545012	MOSES J P	293	M.Tech.	Metallurgical and Materials Engg.	Materials Engineering	MT	8.794
443	181392	16545014	PRIYANKA ARORA	293	M.Tech.	Metallurgical and Materials Engg.	Materials Engineering	MT	9.176
444	181393	16545015	SABA	293	M.Tech.	Metallurgical and Materials Engg.	Materials Engineering	MT	9.441
445	181394	16545016	SHUBHAM KUMAR SAINI	293	M.Tech.	Metallurgical and Materials Engg.	Materials Engineering	MT	6.912
446	181395	16545017	SYED AHED	293	M.Tech.	Metallurgical and Materials Engg.	Materials Engineering	MT	6.824
447	181396	16545018	VISHAL PANWAR	293	M.Tech.	Metallurgical and Materials Engg.	Materials Engineering	MT	6.794
448	181397	16546001	ABHISHEK VERMA	301	M.Tech.	Pulp & Paper Engg.	Pulp & Paper	PP	7.691
449	181398	16546002	KUMARI NAMITA TALAPATRA	301	M.Tech.	Pulp & Paper Engg.	Pulp & Paper	PP	8.721
450	181399	16546003	MALAY GUPTA	301	M.Tech.	Pulp & Paper Engg.	Pulp & Paper	PP	8.706
451	181400	16546005	QASEEM HAIDER	301	M.Tech.	Pulp & Paper Engg.	Pulp & Paper	PP	9.015
452	181401	16546006	RAHUL TRIPATHI	301	M.Tech.	Pulp & Paper Engg.	Pulp & Paper	PP	7.412
453	181402	16546007	VAISHALI MITTAL	301	M.Tech.	Pulp & Paper Engg.	Pulp & Paper	PP	8.132
454	181403	16546008	VIKRAM SINGH	301	M.Tech.	Pulp & Paper Engg.	Pulp & Paper	PP	8.309

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
455	181404	16555001	AADITYA PANDEY	302	M.Tech.	Packaging Technology		PP	9.191
456	181405	16555002	ARIHANT AHUJA	302	M.Tech.	Packaging Technology		PP	8.206
457	181406	16555003	DAKURI RAMAKANTH	302	M.Tech.	Packaging Technology		PP	9.338
458	181407	16555004	HIMANSHU KUMAR	302	M.Tech.	Packaging Technology		PP	7.779
459	181408	16555005	JAIVEER SINGH YADAV	302	M.Tech.	Packaging Technology		PP	8.25
460	181409	15555002	JITENDRA KUMAR	302	M.Tech.	Packaging Technology		PP	8.044
461	181410	16555006	RAHUL KHEDKAR	302	M.Tech.	Packaging Technology		PP	9.059
462	181411	16555007	UDAI PRATAP SINGH	302	M.Tech.	Packaging Technology		PP	7.853
463	181412	16537001	DESH DEEPAK VERMA	311	M.Tech.	Hydrology	Surface Water	HY	6.286
464	181413	16537002	MD. IRFAN ANWAR	311	M.Tech.	Hydrology	Surface Water	HY	7.086
465	181414	16537003	SANDEEP PANWAR	311	M.Tech.	Hydrology	Surface Water	HY	7.971
466	181415	16537004	SANTOSH KUMAR SAH	311	M.Tech.	Hydrology	Surface Water	HY	8.771
467	181416	16537005	VASKER SHARMA	311	M.Tech.	Hydrology	Surface Water	HY	8.4
468	181417	16537008	BARKHA SAXENA	312	M.Tech.	Hydrology	Ground Water	HY	8.657
469	181418	16537009	BIJENDRA KUMAR BAGHEL	312	M.Tech.	Hydrology	Ground Water	HY	7.057
470	181419	16537011	MST. SHAMSAD MAHMUDA FATIMA	312	M.Tech.	Hydrology	Ground Water	HY	9.571
471	181420	16537012	ASHISH KUMAR SINGH CHAUDHARY	313	M.Tech.	Hydrology	Watershed Management	HY	7.714
472	181421	16537013	GAURANSHI RAJ SINGH	313	M.Tech.	Hydrology	Watershed Management	HY	9.229
473	181422	16537014	GOPIKA V	313	M.Tech.	Hydrology	Watershed Management	HY	7.143
474	181423	16537015	MAZIN JAMEEL KADHIM ALKARADII	313	M.Tech.	Hydrology	Watershed Management	HY	8.657
475	181424	16537016	SHEKHAR SAINI	313	M.Tech.	Hydrology	Watershed Management	HY	7.143

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476	181425	16547001	ALEMAYEHU YADESA EMANA	321	M.Tech.	Irrigation Water Management		WR	7.257
477	181426	16547012	DEOGRATIUS NYAMSHA	321	M.Tech.	Irrigation Water Management		WR	8.229
478	181427	16547009	GANO WILSON AKUSH OTHOW	321	M.Tech.	Irrigation Water Management		WR	6.429
479	181428	16547002	KRISHNA PRASAD DUMRAKOTI	321	M.Tech.	Irrigation Water Management		WR	8.486
480	181429	16547003	KUL RAJ CHALISE	321	M.Tech.	Irrigation Water Management		WR	8.343
481	181430	16547004	KUMAR GHIMIRE	321	M.Tech.	Irrigation Water Management		WR	8.027
482	181431	16547005	LOVE SHANKAR BHARTI	321	M.Tech.	Irrigation Water Management		WR	6.429
483	181432	16548012	NABIN KUMAR SINGH	321	M.Tech.	Irrigation Water Management		WR	8.314
484	181433	16547007	RUPESH BHATTARAI	321	M.Tech.	Irrigation Water Management		WR	8.2
485	181434	16547010	SAMUEL MALOU MUKPUOU	321	M.Tech.	Irrigation Water Management		WR	8.229
486	181435	16548021	SHEKHAR NATH NEUPANE	321	M.Tech.	Irrigation Water Management		WR	9.457
487	181436	16547011	SILAS EKADU	321	M.Tech.	Irrigation Water Management		WR	8.143
488	181437	16547008	YOGESHA M	321	M.Tech.	Irrigation Water Management		WR	8.8
489	181438	16548033	ABBAS FAZELI	322	M.Tech.	Water Resources Development		WR	5.514
490	181439	16548001	ANDRA SAI KUMAR	322	M.Tech.	Water Resources Development		WR	8.829
491	181440	16548002	ANKUSH KUMAR	322	M.Tech.	Water Resources Development		WR	8.371

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
492	181441	16548030	ANSHUL JAIN	322	M.Tech.	Water Resources Development		WR	7.714
493	181442	16548003	ANUJ KUMAR	322	M.Tech.	Water Resources Development		WR	8
494	181443	16548034	AUGUSTINE AMARA	322	M.Tech.	Water Resources Development		WR	7.714
495	181444	16548004	BENJAMIN LAWORTEY	322	M.Tech.	Water Resources Development		WR	6.886
496	181445	16548005	CHAKRA BIKRAM SINGH	322	M.Tech.	Water Resources Development		WR	7.8
497	181446	16548006	CHINTAWAR ABHISHEK ANIL	322	M.Tech.	Water Resources Development		WR	8.571
498	181447	16548007	COLLINS ANDOH	322	M.Tech.	Water Resources Development		WR	7.257
499	181448	16548008	DEEPAK DHAKAL	322	M.Tech.	Water Resources Development		WR	8.914
500	181449	16548010	DINESH PARAJULI	322	M.Tech.	Water Resources Development		WR	8.6
501	181450	16548035	ESMATULLAH	322	M.Tech.	Water Resources Development		WR	5.771
502	181451	16548011	MANOJ PRASAD PATEL	322	M.Tech.	Water Resources Development		WR	9.886
503	181452	16548037	MSAFIRI MUSSA MTANDA	322	M.Tech.	Water Resources Development		WR	6.829
504	181453	16548014	PAWAN ADHIKARI	322	M.Tech.	Water Resources Development		WR	8.743
505	181454	16548016	RAJESH BHAKTA POKHAREL	322	M.Tech.	Water Resources Development		WR	9.114
506	181455	16548018	ROSHAN KUMAR DEO	322	M.Tech.	Water Resources Development		WR	9
507	181456	16548019	SAGAR PATEL	322	M.Tech.	Water Resources Development		WR	6.686

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
508	181457	16548036	SARAMADIE THORLU-BANGURA	322	M.Tech.	Water Resources Development		WR	7.314
509	181458	16548020	SHAMBHU JHA	322	M.Tech.	Water Resources Development		WR	6.686
510	181459	16548022	SHIVANANDA D M	322	M.Tech.	Water Resources Development		WR	8.543
511	181460	16548029	SIVAKUMARAN RAJKUMAR	322	M.Tech.	Water Resources Development		WR	9.314
512	181461	16548023	SUDIN MOKTAN	322	M.Tech.	Water Resources Development		WR	8.429
513	181462	16548024	THIRUMALESHA D V	322	M.Tech.	Water Resources Development		WR	8.229
514	181463	16548025	UMESH KUMAR GUPTA	322	M.Tech.	Water Resources Development		WR	8.086
515	181464	16548027	VISHNU BHANDARI	322	M.Tech.	Water Resources Development		WR	9.486
516	181465	16552001	ANUBHAV KUMAR	331	M.Tech.	Disaster Mitigation & Management		DM	8.765
517	181466	16552002	ATUL KUMAR	331	M.Tech.	Disaster Mitigation & Management		DM	8
518	181467	16552003	DEEPAK RAWAT	331	M.Tech.	Disaster Mitigation & Management		DM	7.853
519	181468	16552004	DHANU SINGH	331	M.Tech.	Disaster Mitigation & Management		DM	8.206
520	181469	16552005	ILA PRAKASH	331	M.Tech.	Disaster Mitigation & Management		DM	9.618
521	181470	16552006	ISHITA BHATNAGAR	331	M.Tech.	Disaster Mitigation & Management		DM	9.765
522	181471	16552007	JAGRATI SEHGAL	331	M.Tech.	Disaster Mitigation & Management		DM	9.029
523	181472	16552008	PREET PAL SINGH	331	M.Tech.	Disaster Mitigation & Management		DM	9.176

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524	181473	16552010	RUPAK KUMAR	331	M.Tech.	Disaster Mitigation & Management		DM	6.941
525	181474	16552011	VIVEK SINGH YADAV	331	M.Tech.	Disaster Mitigation & Management		DM	7.794
526	181475	16551001	ABHISHEK GAUTAM	341	M.Tech.	Nanotechnology		NT	6.8
527	181476	16551002	APOORVA GOEL	341	M.Tech.	Nanotechnology		NT	8.086
528	181477	16551003	CHANDRA MOHAN	341	M.Tech.	Nanotechnology		NT	6.171
529	181478	16551004	DEEPA GARG	341	M.Tech.	Nanotechnology		NT	7.057
530	181479	16551006	GARIMA JAIN	341	M.Tech.	Nanotechnology		NT	9.229
531	181480	16551007	MEHAK PASSI	341	M.Tech.	Nanotechnology		NT	8.829
532	181481	16551008	MONIKA RANI	341	M.Tech.	Nanotechnology		NT	7.486
533	181482	16551009	NIHARIKA J	341	M.Tech.	Nanotechnology		NT	8.143
534	181483	16551010	REKHATE PRATIK MADHUKARRAO	341	M.Tech.	Nanotechnology		NT	6.629
535	181484	16554001	ABHIMANYU BHARDWAJ	342	M.Tech.	Infrastructure Systems		TS	7.618
536	181485	16554002	AISHWARYA JAISWAL	342	M.Tech.	Infrastructure Systems		TS	8.412
537	181486	16554003	AKSHAY NAYAK	342	M.Tech.	Infrastructure Systems		TS	7.559
538	181487	16554004	ARAVIND P N	342	M.Tech.	Infrastructure Systems		TS	8.471
539	181488	16554006	LAVANYA PADALA	342	M.Tech.	Infrastructure Systems		TS	7.324
540	181489	16554007	PAGARE SANYUKTA SANJAY	342	M.Tech.	Infrastructure Systems		TS	7.588
541	181490	16554008	PRACHI SINGH	342	M.Tech.	Infrastructure Systems		TS	7.353
542	181491	16554009	PURNIMA BALI	342	M.Tech.	Infrastructure Systems		TS	8.324
543	181492	16554010	RAJAT KUMAR KANAUIA	342	M.Tech.	Infrastructure Systems		TS	7.765

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
544	181493	16554011	SANYA PADMAKAR	342	M.Tech.	Infrastructure Systems		TS	6.941
545	181494	16554014	TEJANKAR ASHUTOSH ASHOK	342	M.Tech.	Infrastructure Systems		TS	7.147
546	181495	16556001	AJAY KUMAR SHARMA	343	M.Tech.	Bioprocess Engg.		BT	8.257
547	181496	16556003	AYUSHI AGARWAL	343	M.Tech.	Bioprocess Engg.		BT	8.857
548	181497	16556005	RAHUL SAINI	343	M.Tech.	Bioprocess Engg.		BT	8.314
549	181498	16556006	SAMRIDHI RANA	343	M.Tech.	Bioprocess Engg.		BT	7.686
550	181499	16556007	SANDEEP KUMAR JENA	343	M.Tech.	Bioprocess Engg.		BT	6.914
551	181500	16556008	SHIVANI SINGH RAJPUT	343	M.Tech.	Bioprocess Engg.		BT	8.743
552	181501	16556009	SHIVNANI JAINA KIRITKUMAR	343	M.Tech.	Bioprocess Engg.		BT	7.657
553	181502	16556011	SHRISTI BAXI	343	M.Tech.	Bioprocess Engg.		BT	8.114
554	181503	16556012	TANMOY DE	343	M.Tech.	Bioprocess Engg.		BT	7.771
555	181504	16610001	ADITYA RAJ	401	M.Sc.	Biotechnology		BT	8.152
556	181505	16610002	AMITA SINGH	401	M.Sc.	Biotechnology		BT	8.241
557	181506	16610003	ANNU KUMARI	401	M.Sc.	Biotechnology		BT	7.228
558	181507	16610004	ANUPAM SINHA ROY	401	M.Sc.	Biotechnology		BT	9.316
559	181508	16610005	APOORVA H N	401	M.Sc.	Biotechnology		BT	7.595
560	181509	16610006	AUROSIKHA DAS	401	M.Sc.	Biotechnology		BT	8.241
561	181510	16610007	BHAWNA GUPTA	401	M.Sc.	Biotechnology		BT	6.924
562	181511	16610008	DEEKSHA JAIN	401	M.Sc.	Biotechnology		BT	8.392
563	181512	16610009	ESLAVATH GANESH	401	M.Sc.	Biotechnology		BT	6.278
564	181513	16610011	HAPPY GOYAL	401	M.Sc.	Biotechnology		BT	9.114

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
565	181514	16610012	HIMANSHI	401	M.Sc.	Biotechnology		BT	7.342
566	181515	16610013	HIMANSHU SEN	401	M.Sc.	Biotechnology		BT	7.544
567	181516	16610015	MOUMITA ROY	401	M.Sc.	Biotechnology		BT	7.291
568	181517	16610016	PALAK GUPTA	401	M.Sc.	Biotechnology		BT	8.291
569	181518	16610017	PLABAN BURAGOHAIN	401	M.Sc.	Biotechnology		BT	8.025
570	181519	16610018	PRIYA	401	M.Sc.	Biotechnology		BT	6.785
571	181520	16610019	RADHIKA DUTT	401	M.Sc.	Biotechnology		BT	6.608
572	181521	16610020	ROHIT KUMAR SINGH	401	M.Sc.	Biotechnology		BT	5.544
573	181522	16610021	SADIA SHAHID	401	M.Sc.	Biotechnology		BT	9.152
574	181523	16610022	SAIKAT DEY	401	M.Sc.	Biotechnology		BT	7.013
575	181524	16610023	SAMPAD KUMAR SI	401	M.Sc.	Biotechnology		BT	7.215
576	181525	16610024	SATYAM	401	M.Sc.	Biotechnology		BT	7.127
577	181526	16610025	SHUBHAM DUBEY	401	M.Sc.	Biotechnology		BT	9.101
578	181527	16610026	SOHAM BHADRA	401	M.Sc.	Biotechnology		BT	7.582
579	181528	16610027	SOMIT PANDEY	401	M.Sc.	Biotechnology		BT	7.696
580	181529	16610028	SUBHASHISH NIRUPAM SAMANTARAY	401	M.Sc.	Biotechnology		BT	8.228
581	181530	16610029	SUCHETNA KUSHWAH	401	M.Sc.	Biotechnology		BT	6.62
582	181531	16610030	SUMANA GHOSH	401	M.Sc.	Biotechnology		BT	10
583	181532	16610031	SUSHREE PRIYADARSHANEE BEHERA	401	M.Sc.	Biotechnology		BT	6.797
584	181533	16610032	UMME HABIBA	401	M.Sc.	Biotechnology		BT	7.38
585	181534	16610033	VRUSHALI CHOUDHARI	401	M.Sc.	Biotechnology		BT	8.962

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
586	181535	16611001	AARTI SOLANKI	411	M.Sc.	Chemistry		CY	6.342
587	181536	16611003	ASEEMA BAHLWAL	411	M.Sc.	Chemistry		CY	7.132
588	181537	16611004	DEEPAK	411	M.Sc.	Chemistry		CY	8.434
589	181538	16611005	DIKSHA SAKLANI	411	M.Sc.	Chemistry		CY	9.803
590	181539	16611006	DIPSHI SINGH	411	M.Sc.	Chemistry		CY	8.645
591	181540	16611007	GURPREET KAUR	411	M.Sc.	Chemistry		CY	9.289
592	181541	16611008	KIRTI	411	M.Sc.	Chemistry		CY	8.132
593	181542	16611009	LAUKESH KUMAR SHARMA	411	M.Sc.	Chemistry		CY	8.092
594	181543	16611010	MANDEEP	411	M.Sc.	Chemistry		CY	8.987
595	181544	16611011	MANISHA BUNGLA	411	M.Sc.	Chemistry		CY	6.803
596	181545	15611011	MANNU KUMAR GOND	411	M.Sc.	Chemistry		CY	5.276
597	181546	16611012	NEHA ANTIL	411	M.Sc.	Chemistry		CY	8.263
598	181547	16611013	NIDHI	411	M.Sc.	Chemistry		CY	8.197
599	181548	16611014	NIVA	411	M.Sc.	Chemistry		CY	7.592
600	181549	16611015	PARUL RATHEE	411	M.Sc.	Chemistry		CY	7.671
601	181550	16611016	PARVEEN	411	M.Sc.	Chemistry		CY	7.553
602	181551	16611017	POOJA	411	M.Sc.	Chemistry		CY	6
603	181552	16611018	PRATEEK MUNJAL	411	M.Sc.	Chemistry		CY	9.092
604	181553	16611019	RAJU	411	M.Sc.	Chemistry		CY	7.395
605	181554	16611020	RUCHIKA BARWAL	411	M.Sc.	Chemistry		CY	6.921
606	181555	16611021	SANDEEP KUMAR	411	M.Sc.	Chemistry		CY	6.987

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
607	181556	16611023	SURENDRA KUMAR MEENA	411	M.Sc.	Chemistry		CY	6.329
608	181557	16611024	VISHAL	411	M.Sc.	Chemistry		CY	7.487
609	181558	16549001	GAURAV KUMAR	412	M.Tech.	Advanced Methods of Chemical Analysis		CY	6.897
610	181559	16549002	PALAK SONDHI	412	M.Tech.	Advanced Methods of Chemical Analysis		CY	9.103
611	181560	16549003	PRASOON RAJ SINGH	412	M.Tech.	Advanced Methods of Chemical Analysis		CY	7.75
612	181561	16549004	RAJDEEP SAHARAWAT	412	M.Tech.	Advanced Methods of Chemical Analysis		CY	6.338
613	181562	16612001	ABHIJEET SANTRA	421	M.Sc.	Applied Geology		ES	6.756
614	181563	16612002	ANIRUDDHA PATHAK	421	M.Sc.	Applied Geology		ES	8
615	181564	16612003	CHANDRASHEKHAR MOHANTY	421	M.Sc.	Applied Geology		ES	7.78
616	181565	16612004	FARHAN RAZA KHAN	421	M.Sc.	Applied Geology		ES	6.61
617	181566	16612005	KHIROJ PADI	421	M.Sc.	Applied Geology		ES	7.829
618	181567	16612006	MD SOYEB ALLAM	421	M.Sc.	Applied Geology		ES	8.171
619	181568	16612007	NIRAJ RAI	421	M.Sc.	Applied Geology		ES	9.146
620	181569	16612008	NISTHA MUKHERJEE	421	M.Sc.	Applied Geology		ES	8.585
621	181570	16612009	PATKAR ADITYA DILIP	421	M.Sc.	Applied Geology		ES	8.634
622	181571	16612010	PRABHASH RANJAN MATHAN	421	M.Sc.	Applied Geology		ES	6.634
623	181572	16612011	SANDEEP KUMAR KHANDA	421	M.Sc.	Applied Geology		ES	7.122
624	181573	16612012	SATYAJIT ROUT	421	M.Sc.	Applied Geology		ES	7.293
625	181574	16612014	SUBRAT SAHOO	421	M.Sc.	Applied Geology		ES	8.024
626	181575	16612015	SYEDA NUSRAT KOUSAR	421	M.Sc.	Applied Geology		ES	7.366

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
627	181576	16616001	AGGAY VATS	424	M.Sc.	Mathematics		MA	7.766
628	181577	16616002	AJAY BHAVARIYA	424	M.Sc.	Mathematics		MA	5.221
629	181578	16616003	AJAY KUMAR	424	M.Sc.	Mathematics		MA	6.896
630	181579	16616004	AKANSHA SANWAL	424	M.Sc.	Mathematics		MA	8.961
631	181580	16616005	ANJALI	424	M.Sc.	Mathematics		MA	9.052
632	181581	16616006	ANJALI SONKARIYA	424	M.Sc.	Mathematics		MA	6.805
633	181582	16616007	DEVENDER SINGH	424	M.Sc.	Mathematics		MA	8.519
634	181583	16616008	HIMANI	424	M.Sc.	Mathematics		MA	6.494
635	181584	16616009	HISHI RANI KUMARI	424	M.Sc.	Mathematics		MA	5.844
636	181585	16616010	JYOTI RATHORE	424	M.Sc.	Mathematics		MA	6.26
637	181586	16616011	KHUSHBOO GOYAL	424	M.Sc.	Mathematics		MA	9.273
638	181587	16616012	KIRAN KUNWAR CHOUHAN	424	M.Sc.	Mathematics		MA	7.519
639	181588	16616013	NAVEEN KUMAR	424	M.Sc.	Mathematics		MA	6.026
640	181589	16616014	PALAK GARG	424	M.Sc.	Mathematics		MA	8.597
641	181590	16616016	RAKESH KUMAR	424	M.Sc.	Mathematics		MA	7.221
642	181591	16616017	SANDEEP KUMAR GAUTAM	424	M.Sc.	Mathematics		MA	5.571
643	181592	16616019	SHIVAM	424	M.Sc.	Mathematics		MA	8.221
644	181593	16616020	SHIVAM PARASHAR	424	M.Sc.	Mathematics		MA	6.351
645	181594	16616021	SIMRAN	424	M.Sc.	Mathematics		MA	8.688
646	181595	16616022	SURESH KUMAR SEWDA	424	M.Sc.	Mathematics		MA	6.026
647	181596	16616023	TANVI	424	M.Sc.	Mathematics		MA	9.026

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
648	181597	16616024	TEJVEER	424	M.Sc.	Mathematics		MA	6.013
649	181598	16616025	TSERING DISKET	424	M.Sc.	Mathematics		MA	6
650	181599	16616026	VIJAY KUMAR JOSHI	424	M.Sc.	Mathematics		MA	5.74
651	181600	16616027	VIJAY PRATAP SINGH	424	M.Sc.	Mathematics		MA	6.117
652	181601	16616028	VIKASH KUMAR	424	M.Sc.	Mathematics		MA	7.091
653	181602	16616029	VRINDA DHINGRA	424	M.Sc.	Mathematics		MA	9.104
654	181603	16616030	YASHASWIK GAUR	424	M.Sc.	Mathematics		MA	7.312
655	181604	16617001	AMRENDRA SINGH	433	M.Sc.	Economics		HS	8.526
656	181605	16617002	ANIRBAN SAHA	433	M.Sc.	Economics		HS	9.808
657	181606	16617003	DALVEER SINGH	433	M.Sc.	Economics		HS	6.962
658	181607	16617004	ISH MANCHANDA	433	M.Sc.	Economics		HS	7.949
659	181608	16617006	LALIT KISHOR NAGAR	433	M.Sc.	Economics		HS	5.705
660	181609	16617007	LALIT KUMAR	433	M.Sc.	Economics		HS	7.628
661	181610	16617008	NIKHIL SHARMA	433	M.Sc.	Economics		HS	6.744
662	181611	16617009	PREETY SUNANDA KUJUR	433	M.Sc.	Economics		HS	7.038
663	181612	16617010	SAMAR VEER VERMA	433	M.Sc.	Economics		HS	5.974
664	181613	16617011	SANJAY KUMAR SHARMA	433	M.Sc.	Economics		HS	7.026
665	181614	16617012	SHUBHAM SINGHAL	433	M.Sc.	Economics		HS	7
666	181615	16617013	SONU KUMAR SAH	433	M.Sc.	Economics		HS	6.615
667	181616	16617014	TOORUPU CHANAKYA REDDY	433	M.Sc.	Economics		HS	6.359
668	181617	16617015	VIHAN RAWAT	433	M.Sc.	Economics		HS	9.346

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
669	181618	16617016	VISHAL KHAREEDIA	433	M.Sc.	Economics		HS	6.115
670	181619	16615001	ABHISHEK TIWARI	441	M.Sc.	Physics		PH	8.092
671	181620	16615002	ADITI SHARMA	441	M.Sc.	Physics		PH	6.5
672	181621	16615003	AMAN GUPTA	441	M.Sc.	Physics		PH	9.171
673	181622	16615005	ANKUR YADAV	441	M.Sc.	Physics		PH	8.105
674	181623	16615006	BEANT SINGH RANA	441	M.Sc.	Physics		PH	7.145
675	181624	16615007	BORIS SINDHU KALITA	441	M.Sc.	Physics		PH	8.184
676	181625	16615008	EKTA SINGH	441	M.Sc.	Physics		PH	8.408
677	181626	16615009	HARI SINGH	441	M.Sc.	Physics		PH	6.539
678	181627	16615010	HARPREET KAUR	441	M.Sc.	Physics		PH	6.618
679	181628	16615011	HARSHIT SHARMA	441	M.Sc.	Physics		PH	7.763
680	181629	16615012	HEMANT KUMAR	441	M.Sc.	Physics		PH	6.882
681	181630	16615013	JITENDRA PAL	441	M.Sc.	Physics		PH	8.211
682	181631	16615014	KANISHKA KUMAR SINGH	441	M.Sc.	Physics		PH	7.539
683	181632	16615015	MANISH RAWAT	441	M.Sc.	Physics		PH	8.645
684	181633	16615016	MANOJ KUMAR	441	M.Sc.	Physics		PH	7.447
685	181634	16615017	MATANGI SRICHARAN	441	M.Sc.	Physics		PH	6.211
686	181635	16615018	PAWAN KUMAR	441	M.Sc.	Physics		PH	6.632
687	181636	16615019	RAY SAHAB	441	M.Sc.	Physics		PH	7.276
688	181637	16615020	ROHIT KUMAR SINGLA	441	M.Sc.	Physics		PH	7.605
689	181638	16615022	TANMOYENDU CHAKRABORTY	441	M.Sc.	Physics		PH	9.026

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
690	181639	16550001	AMRITA UNNIKRISHNAN	442	M.Tech.	Solid State Electronic Materials		PH	7.773
691	181640	16550002	ANANT AGRAWAL	442	M.Tech.	Solid State Electronic Materials		PH	7.136
692	181641	16550004	ANSHIKA VERMA	442	M.Tech.	Solid State Electronic Materials		PH	7.833
693	181642	16550005	GAURAV SHARMA	442	M.Tech.	Solid State Electronic Materials		PH	6.061
694	181643	16550008	MD ATIF	442	M.Tech.	Solid State Electronic Materials		PH	8.303
695	181644	16550009	RAVI KUMAR VERMA	442	M.Tech.	Solid State Electronic Materials		PH	8.288
696	181645	16550010	SAURABH KORANGLEKAR	442	M.Tech.	Solid State Electronic Materials		PH	7.591
697	181646	16550011	SAYANTAN DAS	442	M.Tech.	Solid State Electronic Materials		PH	8.136
698	181647	16550012	SHEKHAR RAY	442	M.Tech.	Solid State Electronic Materials		PH	7.364
699	181648	16550013	SHIVANI SINGH	442	M.Tech.	Solid State Electronic Materials		PH	7.864
700	181649	16810001	AADITYA PANDEY	511	MBA			BM	8.494
701	181650	16810002	AANCHAL DOGRA	511	MBA			BM	6.355
702	181651	16810003	AASHUTOSH JANGID	511	MBA			BM	6.605
703	181652	16810004	AAYUSH SHARMA	511	MBA			BM	9.224
704	181653	16810005	ABHISHEK	511	MBA			BM	8.177
705	181654	16810006	ABHISHEK KUMAR INDWAR	511	MBA			BM	6.855
706	181655	16810007	AKANKSHA GAUTAM	511	MBA			BM	8
707	181656	16810008	AKANKSHA JAIN	511	MBA			BM	8.114

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
708	181657	16810009	AKASH BONDAD	511	MBA			BM	5.908
709	181658	16810010	AKASH VERMA	511	MBA			BM	6.145
710	181659	16810011	AMIT KUMAR GUPTA	511	MBA			BM	7.197
711	181660	16810012	ANAND V.R.	511	MBA			BM	6.092
712	181661	16810013	ANANDAN R	511	MBA			BM	7.474
713	181662	16810014	ANANDITA GHOSH	511	MBA			BM	8.789
714	181663	16810015	ANUP KISHLAY	511	MBA			BM	6.605
715	181664	16810016	ARCHIT RAJENDRA KHARE	511	MBA			BM	5.908
716	181665	16810017	ARUN PRASATH M	511	MBA			BM	6.378
717	181666	16810018	ASHISH BAJAJ	511	MBA			BM	8.211
718	181667	16810019	ASHISH RAWAT	511	MBA			BM	5.816
719	181668	16810020	ASHUTOSH SAHU	511	MBA			BM	6.197
720	181669	16810021	B. R. VISHNU	511	MBA			BM	7.544
721	181670	16810022	BALJOT SINGH	511	MBA			BM	5.053
722	181671	16810023	BANDI SAILESH	511	MBA			BM	6.101
723	181672	16810024	BHAVIA SINGH	511	MBA			BM	6.776
724	181673	16810025	BHILWARE NIKITA BALRAM	511	MBA			BM	7.911
725	181674	16810026	BITAN BHADRA	511	MBA			BM	5.829
726	181675	16810027	CHANDRA SHEKHAR DHURUW	511	MBA			BM	6.886
727	181676	16810028	CHANDRA SHEKHAR PAL	511	MBA			BM	6.823
728	181677	16810029	CHITRANSHA CHAUHAN	511	MBA			BM	8.079

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
729	181678	16810030	DEEPALI SINGH	511	MBA			BM	7.855
730	181679	16810031	DIVYANSH BHATNAGAR	511	MBA			BM	7.974
731	181680	16810033	GARVIT BHADAURIA	511	MBA			BM	6.62
732	181681	16810034	GAURAV MISHRA	511	MBA			BM	8.421
733	181682	16810035	GOSAVI KSHITIJ SHATRUGHNA	511	MBA			BM	5
734	181683	16810036	HARSH KUMAR SAHU	511	MBA			BM	6.539
735	181684	16810038	IMLIWAPANG JAMIR	511	MBA			BM	5.987
736	181685	16810039	IRENDEEP SINGH	511	MBA			BM	7.165
737	181686	16810040	K SURYA KUMARI	511	MBA			BM	8.038
738	181687	16810041	KULDEEP SAINI	511	MBA			BM	6.114
739	181688	16810042	M ROHITH PUSHPA RAJU	511	MBA			BM	6.532
740	181689	16810043	MADHUR PATHAK	511	MBA			BM	8.513
741	181690	16810044	MALYALA AVINASH	511	MBA			BM	5.684
742	181691	16810045	MAYANK OJHA	511	MBA			BM	6.81
743	181692	16810046	MOHAMMAD RIYAN MANSOORI	511	MBA			BM	7.829
744	181693	16810047	MOHIT AWASTHI	511	MBA			BM	7.447
745	181694	16810048	NILADRI SHEKHAR CHATTERJEE	511	MBA			BM	8.532
746	181695	16810049	NITIN YADAV	511	MBA			BM	6.582
747	181696	16810050	PHULE NAVJYOT GAJANAN	511	MBA			BM	5.873
748	181697	16810051	POOJA	511	MBA			BM	8.291
749	181698	16810052	POTDUKHE NIKHIL SANJIV SUNITA	511	MBA			BM	6.976

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
750	181699	16810053	PREM BIHARI	511	MBA			BM	6.75
751	181700	16810054	PULKIT OMER	511	MBA			BM	8.076
752	181701	16810055	RAHUL DEVAL	511	MBA			BM	7.105
753	181702	16810056	RAJAT BASAL	511	MBA			BM	7.228
754	181703	16810058	RAVI SHANKAR JHA	511	MBA			BM	7.228
755	181704	16810059	RICHA GUPTA	511	MBA			BM	8.197
756	181705	16810060	RISHI OSWAL	511	MBA			BM	7.118
757	181706	16810061	RITHE SHITAL KAMLAKAR	511	MBA			BM	7.671
758	181707	16810062	RITIKA	511	MBA			BM	7.211
759	181708	16810063	ROHIT KHAN	511	MBA			BM	8.026
760	181709	16810064	RUPESH KUMAR	511	MBA			BM	6.405
761	181710	16810065	SAPTARSHI GHOSH	511	MBA			BM	6.329
762	181711	16810066	SAVALA LOHITH VENKATA SAINATH	511	MBA			BM	6.165
763	181712	16810067	SHIKHAR MITTAL	511	MBA			BM	7.434
764	181713	16810068	SHUBHAM PATEL	511	MBA			BM	6.722
765	181714	16810069	SHUBHAM RAJESH	511	MBA			BM	7.646
766	181715	16810070	SHUBHAM SUNDER	511	MBA			BM	8.368
767	181716	16810071	SOURAV DEY	511	MBA			BM	6.039
768	181717	16810072	SOURAV GARG	511	MBA			BM	5.747
769	181718	16810073	SUBRATA MAJI	511	MBA			BM	5.395
770	181719	16810074	SUDHANSHU SHEKHAR	511	MBA			BM	6.987

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SrNo	SerialNo	EnrollNo	Name in English	prog code	Programme	Branch	Specialization	DEPT	CGPA
771	181720	16810075	SUKUMARAN B	511	MBA			BM	8.443
772	181721	16810076	SUMAN MANDAL	511	MBA			BM	7.051
773	181722	16810077	SUNEEL GAJRE	511	MBA			BM	6.066
774	181723	16810078	SWAPNIL JAIN	511	MBA			BM	7.592
775	181724	16810079	TARUN KUMAR	511	MBA			BM	6.114
776	181725	16810080	VINEET NIMARE	511	MBA			BM	6.934
777	181726	16810081	VISHAL KUMAR CHHATWANI	511	MBA			BM	6.171
778	181727	16810082	VIVEK VIJAY CHOPKAR	511	MBA			BM	7.618
779	181728	16810083	YOGESH SINDHWANI	511	MBA			BM	7.224
780	181729	17537023	AMANULLAH	603	PG Diploma	Hydrology	Watershed Managment	HY	6.05
781	181730	17537018	ITTOOSINGH DEVISHA	603	PG Diploma	Hydrology	Watershed Managment	HY	7.3
782	181731	17548039	ESHETU CHERU TOCHEBO	611	PG Diploma	Irrigation Water Management		WR	7.15
783	181732	16810032	DIVAY KUMAR GARG	511	MBA			BM	8.271
784	181733	16810057	RASHMI AGGARWAL	511	MBA			BM	9.169
785	181734	16510015	THAKUR GARGI SANJAY SARLA	211	M. Arch.			AR	6.026

S.	Name	Dept.	TOPIC	Supervisor	Examiners	PDC Date
1.	Mr. Ravi Kumar	AH	DEVELOPMENT OF MATHEMATICAL MODEL FOR CONDITION BASED MAINTENANCE OF SMALL HYDROPOWER PLANTS	Prof. S.K. Singal	Prof. Mingyuan Chen, Canada Prof. Pradip K. Sadhu, ISM Dhanbad Prof. Debapriya Das, IIT Kharagpur	21.08.2018
2.	Mr. Zameer Ahmad	AH	ANALYSIS OF SINGLE PHASE TRANSFORMERLESS INVERTER FED GRID CONNECTED SOLAR PV SYSTEM	Prof. S. N. Singh	Prof. Jan Kleissl, USA Prof. S. N. Singh, IIT Kanpur	24.09.2018
3.	Mr. Rohit Yadav	AS	EMPIRICAL INVESTIGATION OF E-COMMERCE ADOPTION: CASE OF SAHARANPUR WOODEN HANDICRAFT	Prof. Tripti Mahara	Prof. Dinesh A. Mirchandani, USA Prof. Sanjeev Awami, DEI, Dyalbagh Dr. Veena Bansal, IIT Bhilai	21.08.2018
4.	Ms. Kadarla Kavitha	AS	IMPLEMENTATION OF VIRTUAL MACHINES ALLOCATION IN CLOUD FOR IoT-BASED HEALTHCARE	Dr. S. C. Sharma	Prof. Deepak Puthal, Australia Dr. Devi P. Bhukya, CSIR Delhi Prof. Shabana Mehfuz, JMU Delhi	24.09.2018
5.	Mr. Gireendra Kumar	AR	VISUAL AND THERMAL COMFORT EVALUATION OF SCHOOL CLASSROOMS FOR FENESTRATION DESIGN	Dr. Gaurav Raheja	Prof. Leena Thomas, Australia Dr. M. Elango, AU Chennai Dr. Arvind Varshney, Gurgaon	15.09.2018
6.	Ms. Neha Arora	BT	STUDIES ON STRESS INDUCED TAG ACCUMULATION IN MICROALGA <i>SCENEDESMUS</i> sp. IITRIND2	Prof. Vikas Pruthi	Prof. Saul Purton, UK Prof. Yogesh C. Sharma, IIT Varanasi	12.09.2018
7.	Mr. Harmeet Singh	BT	NANOSCALE STUDIES ON CANCER THERAPY BY TARGETED DRUG DELIVERY SYSTEM	Dr. Vikas Pruthi	Prof. D. Nihalani, Carolina Prof. B. Mishra, BHU Varanasi	15.09.2018
8.	Ms. Ritu Varshney	BT	EFFECTS OF SOME FLAVONOIDS ON OBESITY-LINKED TYPE 2 DIABETES: ROLE OF AUTOGRAPHY	Prof. Partha Roy	Prof. Alok Agarwal, USA Dr. Dheer Singh, NDRI, Karnal Prof. Nihar R. Jana, IIT Kharagpur	24.09.2018
9.	Ms. Ramanjit Kaur	BT	IDENTIFICATION AND CHARACTERIZATION OF ANTIVIRAL MOLECULES AGAINST ALPHAVIRUSES	Prof. Shailly Tomar	Prof. Richard W. Hardy, USA Prof. Ranu Deswal, DU Delhi Prof. Savita Yadav, AIIMS, Delhi	24.09.2018
10.	Ms. Poonam Subhash Jaiswal	BT	IDENTIFICATION AND CHARACTERIZATION OF METALLOTHIONEIN PROTEINS OF GUAR	Prof. G. S. Randhawa	Prof. Navreet K. Bhullar, Switzerland Dr. R. K. Dhaked, DRDE, Gwalior	24.09.2018
11.	Ms. Nishu Mittal	BT	CHARACTERIZATION OF AP-4 COMPLEX PROTEIN IN GUAR AND OTHER PLANTS	Prof. G.S. Randhawa	Prof. N. K. Bhullar, Switzerland Dr. J. K. Thakur, NIPGR, Delhi	24.09.2018

12.	Mr. Vineet Kumar Rathore	CH	STUDIES ON REMOVAL OF FLUORIDE AND ARSENIC FROM CONTAMINATED WATER	Prof. P. Mondal	Prof. Bnoit Teychene, France Prof. B. C. Meikap, IIT Kharagpur	11.09.2018
13.	Mr. Dharmendra Singh Tomar	CH	STABILITY OF SURFACTANT-LADEN LIQUID FILM FLOW DOWN A FLEXIBLE INCLINED PLANE	Prof. Gaurav Sharma	Prof. Satish Kumar, USA Dr. Abhijit Majumder, IIT Bombay	31.08.2018
14.	Mr. Somesh Bhambi	CH	NUCLEATE POOL BOILING OF NANOPARTICLE BASED FLUIDS	Prof. V.K. Agarwal	Prof. Afshin J. Ghajar, USA Prof. V. K. Srivastava, IIT Delhi	11.09.2018
15.	Mr. Brajesh Kumar	CH	REFORMING OF ACETONE-BUTANOL-ETHANOL MIXTURE FOR H ₂ PRODUCTION: THERMODYNAMIC AND EXERGY ANALYSIS	Prof. Shishir Sinha Prof. Shashi	Prof. Kumar Patchigolla, UK Prof. Ravindra D. Gudi, IIT Bombay Prof. Sirshendu De, IIT Kharagpur	24.09.2018
16.	Ms. Priyanka	CH	SUPERCRITICAL FLUID EXTRACTION OF TURMERIC ROOT AND CARROT SEED AND ITS ANALYSIS	Prof. Shabina Khanam	Prof. Bushra Al-Duri, UK Prof. V. V. Goud, IIT Guwahati Prof. Giridhar Madras, IISc Bangalore	25.09.2018
17.	Ms. Ranjana Kumari	CY	ORGANOTIN(IV) COMPLEXES OF DRUGS: DNA INTERACTION AND <i>IN VITRO</i> CYTOTOXIC STUDIES	Prof. Mala Nath	Prof. Irena Kostova, Bulgaria Prof. Gurunath Mukherjee, UC Kolkata	31.08.2018
18.	Mr. Sujith K S	CY	MOLECULAR DYNAMICS STUDIES OF MIXED GAS HYDRATE MELTS AND AQUEOUS INTERFACES	Prof. Ramachandran.C.N.	Prof. Aziz Ghoufi, France Prof. Hemant K. Kashyap, IIT Delhi Prof. Nisanth N. Nair, IIT Kanpur	11.09.2018
19.	Mr. Balakrishna Aegurla	CY	SYNTHESIS OF PYRAZOLES BY DIAZA-NAZAROV CYCLIZATION AND FUNCTIONALIZED SULFONES	Dr. R. K. Peddinti	Prof. A. J. Frontier, USA Prof. M. Periasamy, UH Hyderabad	15.09.2018
20.	Ms. Nitika Sharma	CY	REGIOSELECTIVE SYNTHESIS OF FOXINDOLE-BASED POLYHETEROCYCLES	Dr. R. K. Peddinti	Prof. Pellissier Helene, France Prof. I.N.N. Namboothiri, IIT Bombay Prof. V.R. Pedireddi, IIT Bhubaneswar	15.09.2018
21.	Ms. Neha Taneja	CY	DEAROMATIZATION PROTOCOL FOR THE SYNTHESIS OF <i>meta</i> -SUBSTITUTED PHENOLS	Dr. R. K. Peddinti	Prof. Michael Willis, UK Dr. K. R. Reddy, CSIR Hyderabad	15.09.2018
22.	Ms. Urvashi Sharma	CY	OPTICALLY INTERESTING DOPED METAL OXIDE NANOPARTICLES AND HETERONANOSTRUCTURES	Prof. P. Jeevanandam	Prof. Viktoor Chikan, Hungary Prof. Debabrata Pradhan, IIT Kharagpur	24.09.2018
23.	Mr. Tawseef Ahmad Dar	CY	DIVERSE FUNCTIONALIZED PORPHYRINS FOR CATALYTIC, EET AND SENSOR APPLICATIONS	Prof. M. SANKAR	Prof. Olivier MONGIN, France Prof. A. Srinivasan, NISER, Bhubaneswar Prof. G. Rajaraman, IIT Bombay	24.09.2018
24.	Mr. Sundeep Kumar	CY	STUDIES OF ORGANOTIN (IV) DERIVATIVES OF SCHIFF BASES	Prof. Mala Nath	Prof. Ray J. Butcher, USA Prof. Ravi Shankar, IIT Delhi Prof. Sartaj Tabassum, AMU Aligarh	24.09.2018

25.	Mr. Anand Ratnam	CY	SOME ASPECTS OF RUTHENIUM AND PALLADIUM CHEMISTRY	Prof. K. Ghosh	Prof. Kallol Ray, Berlin Prof. G. K. Lahiri, IIT Bombay Prof. A. K. Singh, IIT Delhi	24.09.2018
26.	Ms. Rashmi Singh	CY	IONIC LIQUID (CYPHOS IL 102) FOR THE SEPARATION AND RECOVERY OF SOME TRANSITION METAL IONS	PROF. BINA GUPTA	Prof. A. M. Sastre Requena, Spain Dr.K. Sarangi, CSIR Bhubanwsvar	24.09.2018
27.	Mr. Harshit Mahandra	CY	EXTRACTION STUDIES ON SOME TRANSITION METAL IONS USING A PHOSPHONIUM IONIC LIQUID- CYPHOS IL 104	Prof. Bina Gupta	Prof. Y. El-Nandi, Egypt Prof. K. K. Pant, IIT Delhi	24.09.2018
28.	Mr. Mohd. Azfar Shaida	CY	STUDIES ON ADSORPTION AND SOLAR PHOTO-FENTON PROCESSES BY MINERAL AND SULPHUR RICH COALS	Prof. R.K. Dutta Prof. A.K. Sen	Prof. Detlef Bahnemann, Germany Prof. Alok Srivastava, PU Chandigarh	24.09.2018
29.	Ms. Shweta Bisht	CY	SYNTHESIS OF MULTIFUNCTIONAL HETEROCYCLIC SYSTEMS THROUGH DOMINO REACTIONS	Dr. R.K.Peddinti	Prof. Eufanio N.da Silva Junior, Brazil Prof. D. Basavaiah, UH, Hyderabad	25.09.2018
30.	Mr. Subhadip Biswas	CE	CAPACITY ANALYSIS OF URBAN STREETS UNDER MIXED TRAFFIC CONDITIONS	Prof. Satish Chandra & Dr. Indrajit Ghosh	Prof. Peter T. Savolainen, USA Prof. Akhilesh K. Maurya, IIT Guwahati Prof. Sanjeev Sinha, NIT Patna	16.08.2018
31.	Mr. Gavankar Nitin Laxmanrao	CE	A STUDY ON BUILDING EXTRACTION TECHNIQUES USING HIGH RESOLUTION SATELLITE DATA	Prof. S.K. Ghosh	Prof. Aly A. Farag, USA Dr. Sameer Saran, ISRO Dehradun	16.08.2018
32.	Ms. Shambhavi Mishra	CE	DEVELOPMENT OF ITS ARCHITECTURE FOR A MEDIUM SIZED INDIAN CITY	Prof. Praveen Kumar	Prof. Peter T. Savolainen, USA Prof. K. Ramachandra Rao, IIT Delhi Prof. Akhilesh K. Maurya, IIT Guwahati	06.09.2018
33.	Mr. Surender Singh	CE	UTILIZATION OF RAP FOR SUSTAINABLE CONCRETE PAVEMENTS	Prof. G.D. Ransinchung R.N.	Prof. Isamu Yoshitake, Japan Dr. Brind Kumar, IIT Varanasi	11.09.2018
34.	Mr. Anoop Kumar Shukla	CE	PRECIPITATION AND WATER YIELD VARIABILITY IN UPPER GANGA BASIN USING GEOMATICS	Prof. R.D. Garg Prof. C.S.P Ojha	Prof. Venkataraman Lakshmi, Columbia Prof. Raaj Ramasankaran, IIT Bombay	11.09.2018
35.	Mr. Tanmoy Chatterjee	CE	NOVEL INTEGRATED COMPUTATIONAL MODELS FOR ROBUST DESIGN OPTIMIZATION	Dr. Rajib Chowdhury	Prof. Timon Rabczuk, Germany Dr. Palaniappan Ramu, IIT Madras Prof. Ranjan Ganguli, IISc Bangalore	15.09.2018
36.	Mr. Bibekananda Mandal	CE	FINITE ELEMENT ANALYSIS OF LAMINATED COMPOSITE JOINTS	Dr. Anupam Chakrabarti	Prof. Larry Lessard, Canada Prof. Yogesh M. Desai, IIT Bombay Prof. B. N. Singh, IIT Kharagpur	15.09.2018
37.	Mr. Anish Kumar Bharti	CE	TRAVEL TIME RELIABILITY FOR PERFORMANCE MEASUREMENT OF URBAN AND INTER-URBAN ROADS	Prof. Rajat Rastogi, Prof. Satish Chandra Prof. Ch. Ravi Sekhar	Prof. Wafaa Saleh, UK Dr. Akhilesh K. Maurya, IIT Guwahati	24.09.2018

38.	Mr. Ashutosh Bhardwaj	CE	ASSIMILATION OF DIGITAL ELEVATION MODELS GENERATED FROM MICROWAVE AND OPTICAL REMOTE SENSING DATA	Prof. Kamal Jain, Prof.R.S. Chatterjee	Prof. E. Baltsavias, Switzerland Prof. Dheeraj Kumar, ISM Dhanbad	24.09.2018
39.	Ms. Jyoti Chaubey	CE	GROUNDWATER POLLUTION SOURCE IDENTIFICATION THROUGH INVERSE MODELING	Prof. Deepak Kashyap Prof. K.S. Hari Prasad	Prof. Rao S. Govindaraju, USA Prof. Rajesh Srivastava, IIT Kanpur	24.09.2018
40.	Mr. Arun Singh Pundir	CS	MULTI-COLOR-MODEL VIDEO ANALYSIS FOR FIRE AND SMOKE DETECTION	Prof. Balasubramanian Raman	Prof. Pradeep K. Atrey, USA Dr. K. Karthik, IIT Guwahati Prof. S. Agarwal, MNNIT Allahabad	29.08.2018
41.	Mr. Nishant Sinha	CS	ANALYSIS OF SYMMETRIC CIPHERS	Prof. Sugata Gangopadhyay	Prof. Sihem Masnager, France Prof. Bimal K. Roy, ISI Kolkata	24.08.2018
42.	Mr. Gaurav Varshney	CS	DETECTION AND PREVENTION OF PHISHING ATTACKS	Prof. Manoj Misra	Prof. Vijay Varadharajan, USA Dr. Sabu M. Thampi, IITMK Kerala	06.09.2018
43.	Mr. Prashant Srivastava	DM	STUDY AND PREPARATION OF REINFORCED POLYMER COMPOSITE OF HAIR FIBER	Prof. Shishir Sinha	Prof. Ajay K. Dalai, Canada Prof. K. K. Pant, IIT Delhi Prof. S. Chattopadhyay, IIT Kharagpur	24.09.2018
44.	Ms. Suparna Jha	ES	SEDIMENTOLOGY AND PALAEOGEOGRAPHY OF CENOMANIAN NIMAR SANDSTONE, CENTRAL INDIA	Prof. B. Bhattacharya Prof. S. Hazra	Prof. Michael Wagreich, Australia Prof. Santanu Banerjee, IIT Bombay	22.08.2018
45.	Mr. Arun Singh	ES	DEVELOPMENT OF MATLAB BASED 3D INVERSION ALGORITHM FOR MT AND DCR DATA	Prof. P.K Gupta Prof. M. Israil	Prof. Toru Mogi, Japan Dr. B. B. Bhattacharya, Kolkata Prof. Shalivahan, ISM Dhanbad	06.09.2018
46.	Ms. Parul	ES	SHALLOW SHEAR WAVE VELOCITY MODEL FOR THE KUMAON AND GARHWAL HIMALAYAS	Prof. Anand Joshi Prof. S. K. Das	Prof. Gyorgy HETenyi, Switzerland Prof. P. K. Khan, ISM Dhanbad	15.09.2018
47.	Mr. Mahendra Kumar Sonker	ES	GRACE GRAVITY INFERRED CRUSTAL DEFORMATION MODELS OF SOME MEGATHRUST EARTHQUAKES	Prof. R.G. Sastry	Prof. Manik Talwani, USA Prof. M. Radhakrishna, IIT Bombay	24.09.2018
48.	Mr. Aditya Kumar Verma	ES	LATE QUATERNARY MORPHOTECTONIC EVOLUTION OF THE SONE MEGAFAN, MIDDLE GANGA PLAIN, INDIA	Prof. Pitambar Pati	Prof. Biswajeet Pradhan, Australia Prof. Dhruv Sen Singh, U. Lucknow Prof. Niles P. Bhatt, U. Vadodra	24.09.2018
49.	Mr. Rahul Nijhawan	EQ	MACHINE LEARNING MODELS FOR SNOW, GLACIER TERRAIN AND HAZARD MAPPING	Dr. Josodhir Dr. R. Balasubramanian	Prof. Pradeep K. Atrey, USA Dr. P. K. Champati Ray, IIRS Dehradun Dr. K. Mohan Buddhiraju, IIT Bombay	11.09.2018
50.	Mr. Akhilesh Mathur	EE	SHORT-CIRCUIT ANALYSIS OF UNBALANCED DISTRIBUTION SYSTEMS	Prof. Vinay Pant	Prof. Elham Makram, USA Prof. B. Singh Rajpurohit, IIT Mandi Prof. S. N. Singh, MMMUT Gorakhpur	21.08.2018

51.	Mr. Mahamad Nabab Alam	EE	PROTECTION COORDINATION IN TRANSMISSION AND DISTRIBUTION SYSTEMS	Prof. Biswarup Das	Prof. T. S. Sidhu, Canada Prof. A. K. Praddhan, IIT Kharagpur	11.09.2018
52.	Mr. Bhavin Jagdishbhai Shah	EE	DAMPING OF INTER-AREA MODE OSCILLATIONS USING FACTS CONTROLLERS	Prof. Pramod Agarwal Prof. G.N Pillai	Prof. N. Mithulan, Australia Prof. S. C. Srivastava, IIT Kanpur	11.09.2018
53.	Mr. Ankit Kumar Singh	EE	INTEGRATED CONVERTER FOR PLUG-IN ELECTRIC VEHICLES	Prof. M.K. Pathak	Prof. Ned Mohan, USA Prof. Bhim Singh, IIT Delhi	24.09.2018
54.	Mr. Kanasottu Anil Naik	EE	PERFORMANCE ANALYSIS OF GRID-CONNECTED WIND ENERGY SYSTEMS	Prof. C.P. Gupta Prof. E. Fernandez	Prof. Chem Nayar, Australia Prof. A. K. Pandey, NNIT Rourkela	24.09.2018
55.	Mr. Sourav Bose	EE	DFIG BASED WIND ENERGY CONVERSION SYSTEM	Prof. S.P. Singh	Prof. Ashoka K.S. Bhat, Canada Prof. N. Vishwanathan, NIT Warangal	24.09.2018
56.	Mr. Mandeep Singh	EC	MODELING OF MISIM/MIS NANO-PHOTONIC SWITCHES AND SENSOR FOR IR-BAND	Prof. Arnab Datta	Prof. Jorg Schulze, Germany Prof. R. K. Shevgaonkar, Noida	24.09.2018
57.	Mr. Prabhat Sharma	EC	DEVELOPMENT OF DETECTION ENHANCEMENT ALGORITHM FOR GROUND PENETRATING RADAR	Prof. Dharmendra Singh	Prof. Hirokazu Kobayashi, Japan Prof. A. R. Harish, IIT Kanpur	24.09.2018
58.	Mr. Abhishek Bhattacharjee	EC	ANALYSIS AND MODELLING OF SPACER BASED GATE-ALL-AROUND RECONFIGURABLE DEVICE	Prof. Sudeb Das Gupta	Prof. Tsu-Jae King Liu, USA Prof. Yogesh S. Chauhan, IIT Kanpur	24.09.2018
59.	Mr. Manoranjan Rai Bharti	EC	SPECTRUM EFFICIENT POWER ALLOCATION FOR OFDM COGNITIVE RADIO	Prof. Debashis Ghosh	Prof. Danijela Cabric, USA Prof. Debjani Mitra, ISM Dhanbad	24.09.2018
60.	Mr. Arvind Kumar Sharma	EC	PROCESS INDUCED MECHANICAL STRESS AWARE CMOS CIRCUIT DESIGN	Prof. Anand Bulusu	Prof. Sachin Sapatnekar, USA Prof. N. Mohapatra, IIT Gandhinagar Prof. Abhishek Dixit, IIT Delhi	24.09.2018
61.	Mr. Sannena Govinda	EC	ON-CHIP TIMING SLACK MONITORS FOR LOW POWER APPLICATIONS	Dr. B. Prasad Das	Prof. Hamid Mahmoodi, USA Prof. R.S. Chakraborty, IIT Kharagpur	25.09.2018
62.	Ms. Akansha Dwivedi	HSS	PREDICTING SWB FROM TP IN EMERGING & MIDDLE ADULTS: MEDIATING ROLE OF PERSONALITY	Prof. Renu Rastogi	Prof. Bahaudin G. Mujtaba, USA Prof. A. Pratap Singh, IIT Varanasi Prof. Govind S. Pathak, ISM Dhanbad	14.08.2018
63.	Ms. Rajinder Kaur	HSS	A CRITICAL REVIEW OF EVOLVING AND CHANGING TRENDS OF <i>PHULKARI</i> ART OF PUNJAB	Prof. Ila Gupta	Prof. Doris Jakobsh, Canada Prof. A. Sharma, MNNIT Bhopal Prof. Parul Bhatnagar, Agara	21.08.2018
64.	Mr. Devendra Kumar Sharma	HSS	DECOLONIZING ENGLISH: AN ANALYSIS OF SELECT INDIAN ENGLISH NOVELS	Prof. Binod Mishra & Prof. Nagendra Kumar	Prof. Stephen Gill, Canada Prof. M. S. Pandey, IIT Varanasi Prof. A. Karunakar, OU Hyderabad	05.09.2018
65.	Mr. Vijayraj Kumawat	HSS	EXPLORING THE MYTHICAL IN CULTURE AND <i>ÉPISTÈMÈS</i> IN THE SELECT FICTIONAL NARRATIVES OF MARGARET ATWOOD	Prof. Rashmi Gaur	Prof. Jasmina Lukic, Hungary Prof. R. K. Dhawan, DU Delhi Prof. Rajni Singh, ISM Dhanbad	25.09.2018

66.	Mr. Jahangeer	HY	SOIL WATER FLOW AND NITRATE TRANSPORT STUDY THROUGH HETEROGENEOUS VADOSE ZONE	Dr. Brijesh Kumar Yadav	Prof. Piet Lens, Netherlands Prof. Abhijit Chaudhuri, IIT Madras Prof. Arvind K. Nema, IIT Delhi	15.09.2018
67.	Mr. Ajay Ahirwar	HY	FORMULATION AND VALIDATION OF HYBRID CONCEPTUAL MODELS FOR RUNOFF GENERATION	Prof. M. K. Jain Prof. M. Perumal	Prof. Vijay P. Singh, USA Prof. K. P. Sudheer, IIT Madras	24.09.2018
68.	Ms. Palvi Pasricha	DoMS	ETHICAL LEADERSHIP AND SOCIAL INNOVATION TENDENCY: A STUDY OF SOCIAL ENTERPRISES	Prof. M.K. Rao	Prof. Edyta Rudawska, Poland Prof. Kamlesh Singh, IIT Delhi Prof. Sasmita Palo, TISS, Mumbai	06.09.2018
69.	Ms. Sucheta Agarwal	DoMS	PROMOTION OF WOMEN ENTREPRENEURSHIP THROUGH COMPETENCY DEVELOPMENT	Prof. Usha Lenka	Prof. Leo Dana, New Zealand Prof. Kanika T. Bhal, IIT Delhi Prof. T. J. Kamalanabhan, IIT Madras	11.09.2018
70.	Mr. Debashish Kumar Sahoo	DoMS	FACTORS AFFECTING WOMEN EMPLOYEES ENGAGEMENT AND PERFORMANCE IN INDIAN IT INDUSTRY	Prof. Usha Lenka	Prof. Paresha Sinha, New Zealand Prof. T. J. Kamalanabhan, IIT Madras	15.09.2018
71.	Mr. Umang Gupta	DoMS	STUDY OF INDIAN HEALTHCARE SUPPLY CHAIN	Prof. A. Ramesh	Prof. David Dobrzykowski, USA Prof. P.N. Ram Kumar, NIT Calicut	24.09.2018
72.	Ms. Anita Kumari	DoMS	INFRASTRUCTURE INVESTMENT AND ECONOMIC DEVELOPMENT IN INDIA: AN EMPIRICAL EVALUATION	Dr. A. K. Sharma	Prof. B. K. Mishra, USA Prof. Ajay J. Garg, IIM Lucknow	25.09.2018
73.	Ms. Rajni Rohila	MA	EFFICIENT NUMERICAL SOLUTIONS OF SOME LINEAR AND NONLINEAR DIFFUSION EQUATIONS	Prof. R.C. Mittal	Prof. Stefania Tomasiello, ITely Prof. N. Srinivasan, IIT Guwhati Prof. Y.V.S.S. Sanyasiraju, IIT Madras	16.08.2018
74.	Ms. Anju Goel	MA	SOME IMPULSIVE MATHEMATICAL MODELS IN PEST MANAGEMENT	Prof. Sunita Gakkhar	Prof. Roland H. Lamberson, USA Prof. Priti K. Roy, JU Kolkata Prof. Peeyush Chandra, Vadodara	06.09.2018
75.	Mr. Kiran Kumar Behera	MA	BIORTHOGONALITY OF R_I , R_{II} POLYNOMIALS AND COMPLEMENTARY CHAIN SEQUENCES	Prof. A. Swaminathan	Prof. Francisco Marcellan, Spain Prof. G. K. Srinivasan, IIT Bombay Prof. K. C. Sivakumar, IIT Madras	11.09.2018
76.	Ms. Tarul Garg	MA	RATE OF CONVERGENCE OF CERTAIN POSITIVE LINEAR OPERATORS	Prof. P.N. Agrawal	Prof. Narendra K. Govil, USA Prof. Abdul Wafi, Delhi Prof. Vijay Gupta, NSIT, Delhi	11.09.2018
77.	Ms. Sheetal Deshwal	MA	A STUDY OF APPROXIMATION PROPERTIES OF CERTAIN POSITIVE LINEAR OPERATORS	Prof. P.N. Agrawal	Prof. Narendra K. Govil, USA Prof. Abdul Wafi, JMI Delhi Prof. Vijay Gupta, NSIT Delhi	24.09.2018
78.	Ms. Neha Singhal	MA	RELIABILITY ANALYSIS OF SOME INDUSTRIAL SYSTEMS IN FUZZY ENVIRONMENT	Prof. S.P. Sharma	Prof. O. Castillo, USA Prof. U. Dinesh Kumar, IIM Bangalore	24.09.2018

79.	Ms. Alka Arya	MA	DEVELOPMENT OF SOME DEA MODELS IN UNCERTAIN ENVIRONMENTS WITH APPLICATIONS TO HEALTH SECTOR	Prof. Shiv Prasad Yadav	Prof. M. Tavana, United State Prof. B. K. Mohanty, IIM Lucknow	24.09.2018
80.	Mr. Prasanta Kumar Barik	MA	NONSINGULAR AND SINGULAR COAGULATION MODELS WITH LINEAR AND NONLINEAR BREAKAGE	Prof. Ankik Kumar Giri	Prof. Volker John, Germany Prof. Amiya K. Pani, IIT Bombay Prof. G.D.V. Gowda, TIFR Bangalore	24.09.2018
81.	Mr. Manoj Kumar	ME	MODELLING AND ANALYSIS OF GREEN LOGISTICS SYSTEMS FOR CLOSED LOOP PERISHABLE PRODUCTS	Prof. Dinesh Kumar	Prof. Jiu-Hsiung Sheu, Taiwan Prof. Manoj K. Tiwari, IIT Kharagpur Prof. Kripa Shanker, IIT Varanasi	19.04.2018
82.	Mr. Mukesh Sharma	ME	STUDIES ON THE FUEL BUNDLE HEAT-UP UNDER FULLY VOIDED CONDITION DURING LOCA IN AN INDIAN PHWR	Prof. Ravi Kumar	Prof. John C. Luxat, Canada Prof. Kannan Iyer, IIT Bombay	22.08.2018
83.	Mr. Dubba Santhosh Kumar	ME	AN EXPERIMENTAL STUDY ON THE FLOW OF REFRIGERANTS THROUGH A CAPILLARY TUBE	Prof. Ravi Kumar	Prof. Akio Miyara, Japan Prof. Amit Agrawal, IIT Bombay Prof. C. Balaji, IIT Madras	22.08.2018
84.	Mr. Abhishek Malik	ME	FLOW CONTROL AND HEAT TRANSFER ENHANCEMENT OVER SURFACE MOUNTED OBSTACLE USING SYNTHETIC JET	Prof. Sushanta Dutta	Prof. Gary W. Rankin, Canada Prof. Shaligram Tiwari, IIT Madras Prof. Atul Srivastava, IIT Bombay	17.08.2018
85.	Mr. Chandra Bahadur Khatri	ME	A STUDY OF NON- RECESSED HYBRID JOURNAL BEARINGS WITH TEXTURED SURFACES	Prof. Satish C. Sharma	Prof. Shigeka Yoshimoto, Japan Prof. K. Prabhakaran Nair, NIT Calicut Prof. R. K. Pandey, IIT Delhi	31.08.2018
86.	Mr. Radha Raman Mishra	ME	INVESTIGATIONS ON IN-SITU MICROWAVE CASTING OF METALLIC MATERIALS	Prof. Apurbba Kumar Sharma	Prof. Manfred K.A. Thumm, Germany Prof. Ramkumar J., IIT Kanpur Prof. R. Krishnamurthy, IIT Madras	31.08.2018
87.	Mr. Avinash Chaudhary	ME	STUDIES ON HYDROCARBON FUEL FIRES IN A COMPARTMENT	Prof. Akhilesh Gupta Prof. Surendra Kumar	Prof. Alexis Coppalle, France Prof. S. R. Kale, IIT Delhi Prof. C.S.B.Dixit, FCRI, Jakkasandra	05.09.2018
88.	Mr. Parmod Kumar	ME	STUDY OF ENTRAINMENT MECHANISMS USING MULTI-SCALE SIMULATIONS AND OPTICAL SENSORS	Prof. Arup Kumar Das Prof. Sushanta K Mitra	Prof. Darina Murray, Ireland Prof. Saptarshi Basu, IISc Bangalore	05.09.2018
89.	Mr. Vinod Manikrao Nistane	ME	PROGNOSTICS OF ROLLING ELEMENT BEARINGS USING SOFT COMPUTING TECHNIQUES	Prof. S.P. Harsha	Prof. D. Dane Quinn, USA Prof. B. Ravindra, IIT Jodhpur Prof. R. K. Pandey, IIT Delhi	11.09.2018
90.	Mr. Deepak Mehra	ME	MANUFACTURABILITY OF IN-SITU TiC REINFORCED MAGNESIUM METAL MATRIX COMPOSITE	Prof. M.M. Mahapatra Prof. S.P. Harsha	Prof. J. H. Mahendra, USA Prof. Pulak M. Pandey, IIT Delhi Prof. Rajnesh Tyagi, IIT Varanasi	11.09.2018

91.	Mr. Akhand Rai	MIE	CONDITION ASSESSMENT AND RESIDUAL LIFE PREDICTION OF ROLLING ELEMENT BEARINGS	Prof. S. H. Upadhyay	Prof. D. Dane Quinn, USA Prof. R. K. Pandey, IIT Delhi	15.09.2018
92.	Mr. Rajesh Kumar	ME	COMBUSTION ANALYSIS OF WASTE OIL BASED BIODIESEL FUELED DI DIESEL ENGINE	Prof. R.P. Gakkhar	Prof. Xiaolei Zhang, UK Prof. Amit Pal, DTU Delhi Dr. K. A. Subramanian, IIT Delhi	24.09.2018
93.	Mr. Nitesh Dutt	ME	HEAT UP AND COOLING STUDIES OF DEBRIS OF IPHWR	Prof. P. K.Sahoo	Prof. Shripad T. Revankar, USA Prof. S.K. Mahapatra, IIT Bhubaneswar	24.09.2018
94.	Mr. Raj Kumar	MM	DEVELOPMENT OF GRAPHENE BASED MATERIALS FOR TRANSPARENT CONDUCTING ELECTRODE APPLICATION	Prof. Indranil Lahiri	Prof. Arvind Agarwal, USA Dr. Anup Kumar Keshri, IIT Patna Prof. Kantesh Balani, IIT Kanpur	24.09.2018
95.	Mr. Arun Kumar	MM	EPOXY BASED CNT NANOCOMPOSITES WITH ADVANCED PHYSICAL AND MECHANICAL PROPERTIES	Prof. P. K. Ghosh Prof. K. L. Yadav	Prof. Uwe Fussel, Germany Dr. B. K. Satapathy, IIT Delhi Prof. S. Ram, IIT Kharagpur	24.09.2018
96.	Mr. Sudhir Kumar	MM	EFFECT OF TIG SURFACING ON FATIGUE PROPERTIES OF AISI 4340 STRUCTURAL STEEL	Prof. P.K. Ghosh	Prof. John Francis, UK Prof. Amitava De, IIT Bombay	24.09.2018
97.	Mr. Raja A	MM	MECHANICAL BEHAVIOR OF FRICTION STIR PROCESSED Mg ALLOY	Prof. Vivek Pancholi	Prof. Carlos H. Caceres, Australia Prof. Ranjit Bauri, IIT Madras	24.09.2018
98.	Mr. Vipul Bhardwaj	MM	MECHANICAL BEHAVIOUR OF DOPED AND UNDOPED ZnO THIN FILMS	Prof. R. Jayaganthan Prof. Rajib Chowdhury	Prof. Masakazu Okazaki, Japan Prof. M. Kamaraj, IIT Madras Prof. D. Pamu, IIT Guwahati	24.09.2018
99.	Mr. Raj Kumar S.	NT	DEVELOPMENT OF NANOCOMPOSITE MATERIALS FOR APPLICATIONS IN WATER REMEDIATION	Prof. P. Gopinath	Prof. Ram B. Gupta, USA Prof. Giridhar Madras, IISc Bangalore Prof. K. Pakshirajan, IIT Guwahati	24.09.2018
100.	Ms. Kavita Yadav	PH	STUDY OF COHERENCE EFFECTS IN MULTILEVEL ATOMIC SYSTEMS	Prof. Ajay Wasan	Prof. C. S. Adams, UK Prof. V. Natarajan, IISc Bangalore	24.09.2018
101.	Mr. Ruchir Priyadarshi	PE	CHITOSAN BASED FILMS FOR ACTIVE FOOD PACKAGING APPLICATIONS	Prof. Y. Singh Negi	Prof. Pramod V. Mahajan, Germany Prof. Veena Choudhary, IIT Delhi Dr. B. K. Yadav, IICPT, Thanjavur	24.09.2018
102.	Mr. Kishor Biswas	PE	BAMBOO FIBER AND BAGASSE FIBER REINFORCED CHEMICALLY FUNCTIONALIZED POLYOLEFIN COMPOSITES	Prof. Sanjay Palsule	Prof. Sandra Maria da Luz, Brazil Prof. S. N. Maiti, IIT Delhi Prof. A. Chennakesava Reddy, JNTU Hyderabad	24.09.2018
103.	Mr. Bijender Kumar	PE	STRUCTURE-PROPERTY RELATIONSHIP OF POLY (α -HYDROXY ACRYLIC ACID) BASED POLYMERS	Prof. Y.S. Negi	Prof. Stephen Michielsen, USA Prof. Manjeet Jassal, IIT Delhi Dr. Bhanu P. Singh, CSIR Delhi	24.09.2018

104.	Ms. Anusha Chandra	PE	PHYSICO-CHEMICAL ASPECTS OF ORGANIC ACIDS TRANSPORT IN ELECTRODIALYSIS	Prof. S. Chattopadhyay	Prof. Nalan Kabay, Turkey Prof. Sirshendu De, IIT Kharagpur Prof. Vinod K. Shahi, CSIR Gujrat	24.09.2018
105.	Mr. Vinay Khandelwal	PP	DEVELOPMENT OF NOVEL ELECTRICALLY CONDUCTIVE EPOXY AND BIO-EPOXY COMPOSITES	Prof. Gaurav Manik	Prof. Jeotikanta Mohapatra, USA Prof. Arup R. Bhattacharyya, IIT Bombay	24.09.2018
106.	Mr. Amit Kumar Bharti	PT	PARTHENIUM HYSTEROPHOROUS FOR BIOETHANOL PRODUCTION: PROCESS ENRICHMENT AND OPTIMIZATION	Prof. Dharmdutt	Prof. Lew P. Christopher, Canada Prof. Jitender Sharna, KU Kurukshetra	24.09.2018
107.	Mr. Mohammad Amir Khan	WR	EXPERIMENTAL STUDY ON TURBULENCE IN VICINITY OF MID-CHANNEL BAR OF BRAIDED RIVER	Prof. Nayan Sharma, Prof. A. Jacob Odgaard Prof. G. Das Singhal	Prof. Anton J. Schleiss, Switzerland Prof. B. R. Chahar, IIT Delhi	21.08.2018

Item No. 75.4: To report the approval of the committee on Hindi translation of the name of Integrated Dual Degrees to be awarded.

A committee was constituted to recommend the Hindi translation of the names of the Integrated Dual Degree Programs, to be awarded and printed on the Degrees. The list is given at **Appendix 'A'** and the same has been approved by the Director, Chairman, Senate.

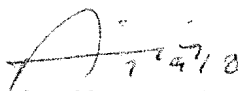
The above is reported to the Senate.


Recommendation of the Committee : Translation of Integrated Dual Degree
Programmes in Hindi


A committee has been constituted comprising the following members for recommending the Hindi translation of Integrated Dual Degrees, to be awarded in the forthcoming Convocation 2018 and thereafter.

Sl. No.	Name	Designation
1.	Prof. Pramod Agarwal	Professor (EED)
2.	Prof. Nagendra Kumar	Professor (HSS)
3.	Dr. Ajay Kumar Sharma	JR (Academics)

The committee has recommended the names of degrees to be awarded in bilingual. The recommended names have also been perused by the Hindi Officer. The list, duly signed by the members, is hereby enclosed.


Dr. Ajay Kumar Sharma
JR (Academics)


Prof. Nagendra Kumar
Professor (HSS)


Prof. Pramod Agarwal
Professor (EED)

IDD Programmes

IDD	Hindi Name
Bachelor of Technology in Chemical Engineering	रासायनिक अभियांत्रिकी में प्रौद्योगिकी स्नातक
Master of Technology in Computer Aided Process Plant Design	कम्प्यूटर सहायित संसाधन संयंत्र अभिकल्पना में प्रौद्योगिकी निष्णात
Bachelor of Technology in Electronics and Communication Engineering	इलेक्ट्रॉनिकी एवं संचार अभियांत्रिकी में प्रौद्योगिकी स्नातक
Master of Technology in Communication Systems	संचार प्रणालियों में प्रौद्योगिकी निष्णात
Bachelor of Technology in Mechanical Engineering	यांत्रिक अभियांत्रिकी में प्रौद्योगिकी स्नातक
Master of Technology in Thermal Engineering	ऊष्मीय अभियांत्रिकी में प्रौद्योगिकी निष्णात
Bachelor of Technology in Chemical Engineering	रासायनिक अभियांत्रिकी में प्रौद्योगिकी स्नातक
Master of Technology in Industrial Pollution Abatement	औद्योगिक प्रदूषण उपशमन में प्रौद्योगिकी निष्णात
Bachelor of Technology in Electrical Engineering	विद्युत अभियांत्रिकी में प्रौद्योगिकी स्नातक
Master of Technology in Instrumentation and Control	यंत्रविन्यास एवं नियंत्रण में प्रौद्योगिकी निष्णात
Bachelor of Technology in Electronics and Communication Engineering	इलेक्ट्रॉनिकी एवं संचार अभियांत्रिकी में प्रौद्योगिकी स्नातक
Master of Technology in Microelectronics and VLSI	सूक्ष्मइलेक्ट्रॉनिक्स एण्ड वीएलएसआई में प्रौद्योगिकी निष्णात

(Dr. Ajay Kumar Sharma)
Joint Registrar, Academics

(Prof. Nagendra Kumar)

(Prof. Pramod Agarwal)

IDD	Hindi Name
Bachelor of Technology in Electronics and Communication Engineering	इलेक्ट्रॉनिकी एवं संचार अभियांत्रिकी में प्रौद्योगिकी स्नातक
Master of Technology in RF and Microwave Engineering	आरएफ एण्ड सूक्ष्मतरंग अभियांत्रिकी में प्रौद्योगिकी निष्णात
Bachelor of Technology in Mechanical Engineering	यांत्रिक अभियांत्रिकी में प्रौद्योगिकी स्नातक
Master of Technology in CAD, CAM and Robotics	कैड, कैम एण्ड रोबोटिक्स में प्रौद्योगिकी निष्णात
Bachelor of Technology in Metallurgical and Materials Engineering	धातुकर्म एवं पदार्थ अभियांत्रिकी में प्रौद्योगिकी स्नातक
Master of Technology in Industrial Engineering	औद्योगिक अभियांत्रिकी में प्रौद्योगिकी निष्णात
Bachelor of Technology in Production and Industrial Engineering	उत्पादन एवं औद्योगिक अभियांत्रिकी में प्रौद्योगिकी स्नातक
Master of Technology in CAD, CAM and Robotics	कैड, कैम एण्ड रोबोटिक्स में प्रौद्योगिकी निष्णात
Bachelor of Technology in Production and Industrial Engineering	उत्पादन एवं औद्योगिक अभियांत्रिकी में प्रौद्योगिकी स्नातक
Master of Technology in Thermal Engineering	ऊष्मीय अभियांत्रिकी में प्रौद्योगिकी निष्णात
Master of Technology in Bioprocess Engineering	जैवप्रक्रम अभियांत्रिकी में प्रौद्योगिकी निष्णात
Master of Technology in Photonics	फोटोनिक्स में प्रौद्योगिकी निष्णात
Master of Science in Economics	अर्थशास्त्र में विज्ञान निष्णात

27/9/18

27/9/18

(Dr. Ajay Kumar Sharma)
Joint Registrar, Academics

(Prof. Nagendra Kumar)

(Prof. Pramod Agarwal)

Item No. 75.5: To report the recommendation of Senate Honorary Degree Committee (SHDC).

Senate Honorary Degree Committee under the Chairmanship of Director was constituted to recommend the name for the award of Honoris Causa Degree at the forthcoming Convocation. The Committee recommended the name of Prof. Subra Suresh for the same.

On behalf of the Senate, the Chairman Senate accepted the recommendations of the Committee.

The above is reported to the Senate.

Item No. 75.6: To consider the report of Prof. Manish Shrikhande Committee on Ph.D. Regulations.

The IRC discussed and deliberated on the report of the Prof. Manish Shrikhande Committee on Ph.D. regulations and recommended the same with some modifications. (**Appendices 'A' & 'A1'**).

The recommendation of IRC was placed for the consideration and approval of the previous 74th meeting of the Senate held on 14.08.2018. However, this item was postponed for detailed deliberations in the next Senate meeting.

The issue is placed before the Senate for consideration and approval please.

PREAMBLE *(Item No. 60.23, Appendix 'L', dt 08.07.2015)*

Indian Institute of Technology (I.I.T.) Roorkee offers academic programmes leading to the award of Ph.D. degree through its Departments/Centres. The award of Ph.D. degree is in recognition of high academic achievements, independent research and application of knowledge to the solution of technical and scientific problems in Science, Technology, Architecture & Planning, Humanities & Social Sciences and Management; creative and productive inquiry is the basic concept underlying the research work.

The academic programme leading to the Ph.D. degree is broad-based and involves a prescribed course credit requirement and a research thesis. The institute also encourages interdisciplinary areas through a system of Co-supervision and provides excellent opportunities for such programmes. The institute undertakes sponsored research and development projects from industrial and other organizations in the public as well as private sector.

The degree of Doctor of Philosophy shall be abbreviated as Ph.D. The Degree of Doctor of Philosophy is granted for research work in areas recognized by the Academic Departments/Centres of the Institute subject to the conditions and regulations contained hereinafter.

The research work shall be an original work characterized either by the discovery of facts, or by a fresh approach towards the interpretation and application of facts, or development of innovative products and technologies. It shall evince the candidate's capacity for critical examination and sound judgment and shall represent original contribution to the existing knowledge.

The degree of doctor of philosophy (Ph.D.) of the Indian Institute of Technology, Roorkee shall be conferred on a candidate who successfully completes all the requirements specified in these ordinances and regulations, which were approved by Board of Governors/Senate.

ORDINANCES FOR THE DOCTOR OF PHILOSOPHY (Ph.D.) PROGRAMMES

<p>Definitions (Unless the context requires otherwise) (Item No. 60.23 Appendix 'L' dt 08.07.2015)</p> <p>(Notification No. Estt. (A)/3239/E-2281 dated 31.03.2017)</p>	1	(i)	"DRC/CRC" shall mean the Research Committee of the Department/Centre.	<u>Manish Shrikhande Committee</u>
		(ii)	"Applicant" shall mean an individual who applies for admission to the Ph.D. programme of Indian Institute of Technology, Roorkee on a prescribed Application Form.	
		(iii)	"IRC" shall mean the Institute Research Committee of Indian Institute of Technology, Roorkee	
		(iv)	"Candidate" shall mean a person registered for the Ph.D. Degree and who has successfully completed the course requirement, the written and oral comprehensive examinations, and has submitted and presented the research plan and approved as per clauses R.5 and R.6 of the Regulations.	
		(v)	"DA" shall mean the Dean, Academics. "DoAA" shall mean the Dean of Academic Affairs.	
		(vi)	"Research Student" shall mean a person registered for the Ph.D. programme of Indian Institute of Technology, Roorkee before becoming the candidate.	
		(vii)	"Supervisor(s)" shall mean member(s) of the academic staff of the Institute approved by Competent Authority to guide/supervise the research/ academic work of the research student/candidate.	
		(viii)	"Co-supervisor(s)" shall mean member(s) of the academic staff of the Institute or any person from other organization recommended by SRC, DRC, Head of the Department/Centre and approved by Competent Authority to guide/supervise the research/ academic work of the research student/candidate.	
		(ix)	"Caretaker Supervisor" shall mean a member of the academic staff appointed to look after the administrative	

			interests of a research student/candidate in the absence of the Supervisor(s) and after the submission of the thesis, if necessary as per clause R.3.5 of the Regulations.	
	(x)		"Course Work" shall mean courses of study prescribed by the Department/Centre through the Student Research Committee, to be undertaken by a research student registered for the Ph.D. Degree.	
	(xi)		"Degree" shall mean the Degree of Doctor of Philosophy (Ph.D.) of the Indian Institute of Technology, Roorkee.	
	(xii)		"Educational Institution" shall mean those Institutes, which offer Bachelor's or higher Degree.	
	(xiii)		"Institute" shall mean the Indian Institute of Technology, Roorkee (IIT Roorkee).	
	(xiv)		"Full-time Research Student/Candidate" shall mean a person registered for the Ph.D. Degree devoting full time at the Institute for completing the degree requirements.	
	(xv)		"Part time Research Student/Candidate" is a person who is registered for the Ph.D. degree and has been allowed to devote part of his time towards this pursuit.	
	(xvi)		"Registration Period" shall mean the length of time span commencing with the date of initial registration at the Institute.	
	(xvii)		"ODC" shall mean Oral Defence Committee.	
	(xviii)		"Residency" shall mean the minimum period for which a student/candidate must attend the institute.	
	(xix)		"SRC" shall mean Student Research Committee.	
	(xx)		"Sponsored Research Student/Candidate" shall mean a research student/candidate sponsored by an organization /his employer who provides full financial support for doing Ph.D.	
	(xxi)		"Competent Authority" shall mean the Director of IIT, Roorkee or any officer to whom the Director delegates	

			the authority.	
			NOTE: 'HE' & 'HIS' IMPLY 'HE'/'SHE' AND 'HIS'/'HER' RESPECTIVELY.	
REGISTRATION, APPOINTMENT OF SUPERVISOR AND SRC (Item No. 60.23 Appendix 'L' dt 08.07.2015)	R.1	1.	Fresh research students admitted to the Ph.D. programmes are required to report to the Head of the Department/Centre one week in advance before the scheduled date of opening the Institute. Their registration will also take place one week in advance.	<p>R.1.0 Selection</p> <p>The procedure for shortlisting and selection of candidates to PhD programme shall be decided by the respective department/centre. The list of selected candidates, in the order of merit (with provision for waitlisted candidates), shall be sent to the Dean Academic Affairs by the department/centre within two working days of the date of interview. The list of selected candidates shall be notified by the office of Dean Academic Affairs.</p> <p>R.1.1 Registration</p> <p>a) New Students: All applicants who have been selected and offered admission to the PhD programme and have accepted the offer should report at the institute on the day as specified in the offer of admission. They should carry all the required documents as specified therein.</p> <p>New entrants, awaiting the results of the qualifying examination, will be allowed to register "provisionally" on submission of a certificate from their institutions to the effect that they have completed all the requirements of the programme. The students should submit self-attested copies of the certificates of having passed the qualifying examination by the last date for document submission as specified in the academic calendar (usually about 8 weeks from the date of registration), failing which the admission</p>

				<p>may be cancelled.</p> <p>b) Old Students: All students are required to register for each (Autumn and Spring) semester for the courses/ thesis credits in consultation with their thesis supervisors. The registration process involves:</p> <ul style="list-style-type: none">• Filling a Course Detail Form (before candidacy)/Progress Report (after candidacy), as specified by the institute,• Depositing prescribed fee and dues, if any. <p>All students who are not on authorized leave must continue to register in every semester till they submit the thesis. If, however, a student is likely to submit his/her thesis within two weeks from the date of registration, he/she need not register in that semester. PhD students who have submitted their thesis and wish to continue their stay in the campus shall continue to register every semester till the defence of thesis. In such cases, the institute assistantship will be admissible, if due.</p> <p>In exceptional cases, the Dean Academic Affairs on the recommendation of the DRC may consider registration beyond the date of late registration. In such a case, the student will be allowed to register without any course credits. The students joining PhD programme, under fellowships other than the institute assistantship, after the last date of registration as specified in the academic calendar should register for the required course credits in the next semester. However, the duration for completing the candidacy requirements shall be counted from the</p>
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			<p>date of admission to the PhD programme.</p> <p>In case the thesis is to be revised and resubmitted for evaluation, the student should register for the current semester at the time of submission of the thesis.</p>
			<p>c) Change of Registration from M Tech/IDD to PhD</p> <p>The candidates pursuing master's programmes in Engineering or Architecture or are in IDD programme from IIT Roorkee having CGPA of at least 8.50 on a 10 point scale (after first year/ completing all courses for IDD) shall have a choice of internal lateral entry to PhD programme.</p>
	2	<p>During the admission process, faculty members who do not have Ph.D scholar under MHRD fellowship working under their supervision, shall be given the highest priority to facilitate reasonable uniform distribution of MHRD scholars amongst the faculty members of Departments/Centres.</p> <p>The candidates are required to give their choice for supervisors based on his/her area of interest and supervisor is allocated to him/her at the time of recommending the candidates for admission. The candidates shall be informed about the supervisor allocated in the admission letter. The candidates shall have to work with the supervisor allocated.</p> <p>Only one MHRD scholar shall be taken by a faculty in a semester, in general. In case, if the faculty member wants to take another MHRD scholar in a semester, no-objection from other faculty members of the concerned academic group is required.</p>	<p>R.1.2 Thesis Supervisor</p> <p>Thesis supervisor shall be allocated as per the process enumerated in Admission Process Part under section XX.YY</p> <p>The list of selected candidates shall be uploaded on the institute web page by the office of Dean Academic Affairs within a day of receiving the information from departments/centres. The selected candidates shall fill their preferences for thesis supervisor on the link provided on the web page and confirm their acceptance of the offer of admission to PhD programme by depositing the requisite fees within the stipulated period, failing which the offer of admission will stand withdrawn and the candidate on the waiting list shall be offered the admission to PhD programme.</p>

<p>(Item No. 63.7 Minutes (Page No. 07) dt 11.01.2016)</p>	3	<p>The research supervisor of a student after the registration shall be approved by the Head of the Department/ Centre. Proforma Ph.D-0, given in Appendix-A, is to be filled for the approval of supervisor(s). In case of joint supervision, supervisors shall be approved by the competent authority as determined from time to time.</p>	
	4	<p>The Student Research Committee (SRC) for a research student shall be appointed within a week but not later than a month from the date of initial registration by HoD on the recommendation of supervisor through the Chairman, DRC. The SRC shall consist of:</p> <p>(a) Any Senator from the department (preferably subject area expert but not necessarily from DRC) can be nominated as Chairman SRC. Any senator preferably subject area expert either from the department or outside can be nominated as Chairman, SRC.</p> <p>(b) One expert in the field from the department/centre.</p> <p>(c) One institute faculty expert, preferably in the concerned area, from outside the department/ centre to which the student belongs.</p> <p>(d) Supervisor(s).</p> <p>Proforma Ph.D-I, given in Appendix-A, is to be filled for the appointment of SRC of the candidate.</p> <p>Note 1: Names for 4(b) and 4(c) shall be proposed by the supervisor(s) and nominated by the Chairman, DRC and Head of the Department/Centre.</p> <p>Note 2: Once approved, the member of SRC can be changed only under exceptional circumstances on recommendations from the department by competent</p>	<p>R.1.3 Joining the Departments/Centres and constitution of SRC</p> <p>a) All new entrants in a PhD programme should submit a joining report in the office of Head of the respective department/centre. The departments/centres will send the list of PhD candidates who have joined in the departments/centres in a semester along with the name of supervisor to the Dean Academic Affairs.</p> <p>b) The thesis supervisor shall propose suitable names to constitute the Student Research Committee (SRC) which shall comprise of one internal expert member from within the Department/Centre, one external expert member from outside the Department/Centre, supervisor(s) and one senator as the Chairperson SRC. Member outside the department can also be from outside the institute preferably from CFTI or institute having equivalent status in Research.</p> <p>Once SRC has been constituted by the Head of the Departments/Centres, the SRC will recommend to Dean Academic Affairs for approval of the courses which the student shall register for, taking into consideration the proposed area of research and the academic background</p>

			authority.	of the student.
		5.	Every research student/candidate will be required to carry out online subject registration prior to candidacy during stipulated dates and register for the Ph.D. degree programme every semester till the submission of the thesis irrespective of their category and status. However, after candidacy on-line registration is not required. Proforma Ph.D-III, given in Appendix-A, is to be filled in every semester for the continuation of registration. If there is a revision of thesis, registration is required again at the time of next submission.	Covered in R.1.1
MINIMUM AND MAXIMUM TIME FOR THESIS SUBMISSION <i>(Item No. 60.23 Appendix 'L' dt 08.07.2015)</i> <i>(Item No. 71.15 Agenda (Page No.226))</i>	R.2	(a)	All candidates shall be required to be registered for the entire duration of Ph.D. in every semester till submission of thesis.	R.2.1 Minimum Duration For Thesis Submission For all students the minimum duration of PhD programme before submitting the thesis is TWO years from the date of candidacy. The date of candidacy will be considered as the date on which the research proposal is accepted by the SRC. In case of Part-Time candidates the minimum duration of PhD programme shall be period of candidacy plus 3 years from the date of candidacy. R.2.2 Maximum Duration For Thesis Submission The candidates of all categories shall submit their thesis within a period of five years from the date of their initial registration for the Ph.D. Programme. However, as a special case, this limit may be extended, on specific recommendation of SRC, to a maximum of six years for full time research candidate and seven years for Part time research candidate by the Dean Academic Affairs after
		(b)	The candidates of all categories shall submit their thesis within a period of five years from the date of their initial registration for the Ph.D. Programme. However, as a special case, this limit may be extended on specific recommendation of SRC to a maximum of six years for Full time research candidate and seven years for Part time research candidate by the competent authority after which the registration shall stand cancelled automatically. However, if the candidate has converted his/her status from full time to part time before the expiry of five years, the maximum duration for thesis submission shall be seven years.	
		(c)	For all students the minimum duration for submitting the thesis is TWO years from the date of candidacy. The date of candidacy will be considered as the date on which the research proposal is presented by the student and accepted by the SRC.	

Minutes (Page No.06) dt 28.12.2017)			Eligibility criteria for submission of thesis regarding minimum duration of submission and number of papers to be published shall be as per the Ph.D. Ordinances & Regulations in force at the time of admission.	which the registration shall automatically stand cancelled. If the candidate has converted his/her status from full-time to part-time before the expiry of five years, the maximum duration for thesis submission shall be seven years.
SUPERVISOR(S) (Item No. 60.23 Appendix 'L' dt 08.07.2015)	R.3	1.	Supervisor(s) can be any full-time faculty member/ scientific officer of the Institute with a Ph.D. degree.	Not Commented
		2.	Supervisor has to be decided at the time of selection of candidates depending on the candidate's area of interest and the choice for the supervisors. The choices for the supervisors shall be taken by Chairman, selection committee, prior to the interview.	Covered in Admission Process section XX.YY
		3.	The competent authority on the recommendations of the SRC, may appoint one or more Supervisor(s) not exceeding a total of three to supervise the research student/candidate. These may be from inside or outside the Institute and there should not be more than two supervisors from within the Institute and not more than one supervisor from outside Institute. However, Emeritus Fellows are allowed to supervise a student only jointly as co-supervisors. Addition/ deletion of Supervisor(s) would not be made after the lapse of 12 months from the date of admission to candidacy. In such cases, the minimum association period of new supervisor shall not be less than one and a half year. In case of Joint Supervision, not more than two supervisors from the same department will be allowed to supervise the thesis jointly.	R.3.1 Supervision The supervisor can be: <ul style="list-style-type: none"> i) Any full time faculty member holding PhD degree. ii) Faculty retiring or Scientific Officer holding PhD degree can supervise jointly with regular faculty. Retiring faculty shall have minimum Two years left at the time of taking a research student as Joint supervisor. iii) Faculty who is not on regular roles of the institute cannot be a supervisor in any capacity. iv) Joint supervision can be done with supervisor from outside the institute if the proposed joint supervisor is from Institute of Eminence (research organisation) in India or outside India and is working at a level at par with IIT system. v) There can be utmost THREE supervisors with maximum one from outside the institute. vi) In case of addition of a supervisor, the minimum association period of new supervisor shall not be
(Item No. 68.32 Minutes (Page No.15) dt 02.03.2017)				
(Item No. 72.4 Agenda (Page No.09)				

<p>Minutes (Page No.04) dt 22.03.2018)</p>				<p>less than one and a half year before submission of the thesis.</p>
<p>(Item No. 71.16 Agenda (Page No.227) Minutes (Page No.06) dt 28.12.2017)</p>		4.	<p>The maximum number of Scholars supervised by a faculty member at any time at IIT Roorkee shall not be more than 12 jointly or singly or a combination of both with a maximum of 06 MHRD supported scholars.</p> <p>There will not be any limit on the total number of research scholars which can be supervised by a faculty subject to the condition that the research scholars with Institute Assistantship can be maximum 08 (eight) per faculty, singly or jointly or a combination of both. However, this number may be changed by the Senate from time to time.</p>	<p>Retained</p>
		5.	<p>Requirement of Co-supervisor in case of Part-time candidate:</p> <p>a) If the research scholar is registered as full time candidate and later on converted to part time after completing 3 years, co-supervisor will not be required.</p> <p>b) If the research scholar is registered as full time candidate and after completing candidacy joined an organization within 100 km from Roorkee and status is converted to part time, co-supervisor from host organization will not be required.</p> <p>c) If the research scholar is teacher trainee (sponsored faculty) from an institute having MoU with institute, co-supervisor may not be required if there is no possibility of co-supervisor at that institute. However, the candidate has to complete residential requirement for completing the course work and for candidacy and they will have to be present at IIT Roorkee during all vacations for interaction with the supervisor(s).</p>	<p>R.3.2 Change of Registration from Full-time to Part-time Programme</p> <p>A PhD student may be allowed by the Dean Academic Affairs on the recommendations of the DRC/SRC to change his/her status to "Part-time Student" if:</p> <ul style="list-style-type: none"> • He/she has completed all requirements for candidacy, • The DRC approves the organization of employment for continuing the PhD work <p>Retain amended clause as approved by the Senate</p> <p>R.3.3 Change of Registration from Part-time to Full-time Programme</p> <p>The part-time PhD student can change to full-time status</p>

		<p>d) If the research scholar is registered as full time candidate and after completing candidacy joined an organization at a distance of more than 100 km from Roorkee and status is converted to part time, co-supervisor from host organization will required at the time of conversion.</p> <p>An Organization as a whole and not one of its units be considered by DRC while approving change of status from Full-time to Part-time. Further, there shall not be any requirement of obtaining NOC and having a local supervisor will not be mandatory, if the place of job is at distance more than 100 km. from Roorkee.</p> <p>e) If the research scholar/candidate from an organization, at a distance of more than 100 km from Roorkee, is registered as part time candidate in the beginning, co-supervisor will be required from that organization from the beginning.</p> <p>f) In either case of (d) and (e) above, the organization has to give an undertaking that the research scholar will continue to work on project or in area relevant to his/her Ph.D. degree programme.</p>	<p>at any time of the programme provided that he/she has secured a sponsorship or study leave from the parent organization for the intended duration of stay, not less than one semester, without any financial support from the institute.</p>
	6.	<p>Change of Supervisor(s) and Appointment of Caretaker Supervisor for Ph.D. students:</p> <p>A faculty member appointed as a Ph.D. Supervisor(s) is expected to be available to a research student/candidate in the Institute till the thesis is submitted. However, under unavoidable circumstances, such as: long leave of more than 12 months, resignation, retirement, death or change of the</p>	<p>R.3.4 Change/Addition of a Supervisor/Caretaker Supervisor</p> <p>Addition/change of supervisor will be allowed in the following special cases:</p> <p>a) Death of supervisor: A new supervisor will be appointed</p> <p>b) Supervisor retires/is due to retire/resigns: The supervisor becomes Joint co-supervisor and a new</p>

		<p>supervisor, a new Supervisor(s) may be appointed following regulations as under:</p> <p>A. Supervisor proceeding on long leave but less than 12 months</p> <ol style="list-style-type: none"> If he/she is the only supervisor for a research student/candidate, a caretaker supervisor may be appointed to look after the administrative interest of the student provided the student has completed the requirement of candidacy. HoD can also act as caretaker supervisor only for administrative purposes and faculty supervisor continues for academic purposes. If he/she is the only supervisor for a research student/candidate and the student has yet not completed the requirement of candidacy, a co-supervisor shall be appointed by the SRC. <p>B. Supervisor(s) proceeding on long leave of more than 12 months.</p> <ol style="list-style-type: none"> (i) Where there is more than one Supervisor for a research student/candidate and one of the supervisors is proceeding on long leave for more than 12 months other supervisor(s) shall take care of the candidate. The supervisor proceeding on leave continue to be the supervisor of the candidate, if the candidate has completed the minimum duration of submitting thesis as per clause R.2 (c). (ii) Where only one Supervisor exists for a research student/candidate, another supervisor shall be appointed by the SRC in 	<p>supervisor will be appointed</p> <ol style="list-style-type: none"> Supervisor proceeding on leave: A caretaker supervisor will be appointed if the student has been admitted to candidacy, otherwise Joint co-supervisor will be appointed. A student may request for a Joint co-supervisor, if the absence of supervisor is hampering the progress. The caretaker supervisor shall be designated as a Joint co-supervisor if he/she contributes in carrying out major revision of the thesis during evaluation.
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		<p>cases where SRC has not yet found the research work fit for submission following clause R.8 sub-clause 1d) in the area of his research work.</p> <p>b) (i) If SRC has recommended the research work for submission following clause R.8 sub-clause 1d) before the supervisor proceeds on leave, a caretaker supervisor will be appointed for administrative purpose only.</p> <p>(ii) If the thesis has been submitted before the supervisor proceeds on leave, only a caretaker supervisor will be appointed.</p> <p>(iii) Further, if a major revision becomes necessary, and the supervisor(s) is (are) on leave, he should be asked to specifically state whether he would effectively help the Research Scholar in carrying out the major revisions within a reasonable period. In case the supervisor(s) expresses his/her inability due to one reason or the other, the caretaker supervisor, if he/she provides the required help in carrying out the major revision, will automatically be treated as a <u>co-supervisor</u> of that candidate.</p> <p>c) If a supervisor(s) proceeds on leave for a period less than 12 months initially, but later extends his/her leave beyond 12 months, the above procedure as applicable for leave beyond 12 months, will be followed. The extension granting authority will inform the competent authority accordingly.</p> <p>d) If a new supervisor needs to be appointed in case of supervisor proceeding on long leave,</p>	
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			<p>his/her signature is required before granting leave to the faculty. The existing supervisor will continue as co-supervisor only if the candidate has completed the minimum duration of submitting thesis as per clause R.2 (c).</p> <p>e) If the supervisor(s) proceeds on leave for more than 24 months during the Ph.D. registration of a research student/candidate and in the opinion of SRC, he has not contributed significantly to the thesis, he/she will cease to be the supervisor(s).</p> <p>C. A Supervisor retiring</p> <ol style="list-style-type: none">1. A faculty member on retirement may continue as a co-supervisor till the completion of work and submission of thesis by the candidate. Another supervisor shall be appointed as in "B" above in similar circumstances.2. A faculty member who is due to retire within the next two years may be appointed only as co-supervisor and may continue to be the co-supervisor even after his/her retirement provided the SRC is convinced of his availability/continued guidance to the student. <p>D. A Supervisor(s) resigning</p> <p>A new supervisor shall be appointed at the time of acceptance of resignation by a supervisor as in "B" above. However, if the supervisor has associated with the student for TWO years after candidacy, he/she shall continue to be co-supervisor otherwise he/she shall cease to be supervisor.</p>	
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		<p>E. Death of Supervisor(s) A new supervisor(s) shall be appointed on the recommendation of SRC as in "B" above.</p> <p>F. Supervisor(s) declining to supervise Once a supervisor agrees to supervise a student, he/she cannot decline to supervise the student later on.</p> <p>G. Change/drop of Supervisor(s) by the research candidate (a) If the research student has requested for change of supervisor before the admission to candidacy and both the outgoing and incoming supervisors have consented then the change of supervisor will be considered by the competent authority on the recommendation of DRC/CRC. In case, research student wishes to change the area of research with new supervisor, SRC be constituted a fresh. (b) If a research student before admission to candidacy wants to drop one of the supervisors, in case of more than one supervisor, the same will be considered by competent authority on the recommendation of SRC and the HoD. However, a supervisor cannot be dropped by the student after the candidacy. (c) If the candidacy has already taken place</p>	<p>R.3.5 Request for change of supervisor by a research student A PhD student can request the DRC/CRC through SRC for a change of supervisor. The student has to get consent from both parties, namely, the current supervisor and the proposed supervisor, without which the request for change of supervisor cannot be considered by DRC/CRC. In case the DRC/CRC fails to resolve the issue, the Head should convene a meeting of the DFC/CFC to resolve the impasse and send the recommendation to the Dean Academic Affairs. Every effort should be made to salvage the academic programme of the student while protecting the academic rights/intellectual property of the supervisor.</p>
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			<p>and student has requested for change of supervisor but the supervisor is not willing to give NOC, the matter shall be sorted out first in the DRC and then in the DFC at the department level.</p> <p>If the department is unable to resolve the issue then the student has to continue with the same supervisor or leave the Ph.D. programme.</p> <p>H. (a) If a new SRC has been constituted due to change of supervisor and the research area, the new SRC may ask the research student to do more courses related to new research area provided candidacy has not taken place.</p> <p>(b) If the candidacy has already taken place but the research area has changed, the SRC may ask the candidate to appear for written examination, oral examination before going for candidacy again.</p>	
<p>COURSE CREDIT REQUIREMENTS (Item No. 60.23 Appendix 'L' dt 08.07.2015)</p>	R.4	1.	<p>Each research student shall satisfy the credit requirements as given in Table-1 by crediting courses as advised by course supervisor and recommended by SRC. The minimum CGPA requirement for pre-Ph.D. courses will be 7.00 calculated taking all courses recommended by SRC including seminar.</p> <p>Waiving off of course work requirement for the candidates is subject to the following conditions:</p> <p>(a) Candidates with M. Tech./M.Arch./MURP from IITs</p>	<p>R.4 Course Credit Requirements</p> <p>R.4.1 Minimum CGPA and Probation</p> <p>If SRC has recommended courses to be taken as credit or audit, then credit courses will be considered towards calculating CGPA and student should earn AP grade in audit courses. Technical Communication, Communication skills, Language course and Project shall be treated as additional courses to be completed by a candidate if so</p>

<p>(Item No. 72.13 Agenda (Page No.26) Minutes (Page No.05) dt 22.03.2018)</p>		<p>or IISc and M.Sc. from IISERs, MBA from IIMs and having CGPA 8.5 or more.</p> <p>(b) These candidates shall start their PhD within TWO years from the completion of M.Tech./M.Arch./MURP/ M.Sc./MBA.</p> <p>(c) These candidates may be required to do additional course if the SRC recommends to do so.</p> <p>(d) The waiver will be applicable if admission is sought within the relevant stream or discipline with respect to the post-graduate degree based on recommendation of SRC.</p>	<p>felt by SRC. The student should earn a minimum of 7.00 CGPA in course credits to continue for candidacy.</p> <p>A student may be permitted to repeat or substitute ANY TWO courses in which he/she has obtained D, E or F grades ONCE in entire programme. A student who could not achieve 7.0 CGPA shall be given one chance to take up more courses in next semester. The SRC may recommend for repeat or substitution of a such courses to the Dean Academic Affairs as soon as possible. The CGPA will be calculated using credits of courses in which the student was awarded best grades, complying with the minimum credits recommended by the SRC. This may be treated as one-time probation. This shall not have any effect on the maximum duration for completing candidacy requirements.</p>
	2.	<p>If any subject-class is having more than 80% research scholars/students, absolute grading be carried out. Proforma Ph.D-II, given in Appendix-A, is to be filled for the approval of courses to be registered by Dean of Academic Affairs.</p>	
	3.	<p>Each research student has to do all the courses recommended by the SRC in the beginning. If the student could not get the passing grade in any course or the CGPA as calculated in clause R.4.1 is less than 7.00, the student has to leave the programme.</p>	
	4.	<p>SRC may recommend additional course(s) as Audit course(s), if required, in a particular case. A research student is deemed to have fulfilled the requirement of additional course(s) as Audit Course(s) if he/she obtains 'Audit Pass' for successfully completing each of such course(s).</p>	
	5.	<p>The pre-Ph.D. courses including Audit course are to be completed successfully in first 1 to 2 semesters by research students having masters degree and in 2 to 3 semesters by research students having bachelor's degree. These semesters are counted from the date of initial registration and this clause is applicable both for</p>	
			<p>R.4.2 Reduction in Course Credit Requirement</p> <p>The SRC shall carefully examine any case of reduction in course credits and recommend such cases to the Dean Academic Affairs, giving appropriate justification in terms of any relevant post B.Tech./M.Sc./M.A. or equivalent qualification or proven capacity for independent research. In no case shall the reduced credits requirements be less than 14 credits (including 2 credits earned through seminar).</p> <p>Candidates having B. Tech./Int. M.Sc. degree with Honours courses – ALREDY DECIDED BY SENATE</p> <p>Candidates having M. Tech. Degree from IIT Roorkee –</p>

			<p>full time/part time research students.</p> <p>GIVE AMENDMENT RELATED WAIVER TO STUDENTS WITH HONOURS COURSES</p>	<p>ALREDY DECIDED BY SENATE</p> <p>Candidates with professional/industrial experience of more than 10 years and/or having substantial publication record in peer reviewed international journals may be given exemption in credit requirements based on recommendation of SRC, but have to complete minimum 14 credits (including seminar). Residency may not be mandatory for such candidates.</p>
		6.	<p>The courses offered other than minimum theory courses for the Ph.D. programmes may be Laboratory Courses, Design Courses and Project.</p>	<p>R.4.3 Course Credit Transfer</p> <p>A PhD student who has completed the two year M.Tech / IDD / M.Sc. / M.Arch. / MURP / MBA programme at this institute can transfer a maximum of 9 postgraduate course credits earned during those programmes (other than project, dissertation and labs) towards fulfilment of his/her course requirement for the PhD programme on the recommendation of the SRC and approval of the Dean Academic Affairs, provided these credits were in excess of the minimum requirement for earning the said degree.</p>
		7.	<p>No self-study course shall be offered as part of the requirement of minimum theory courses. However, extra courses may be offered as self-study courses.</p> <p>A. Self-study Courses shall satisfy the following conditions:</p> <p>a) A self-study course should be preferably outside the courses listed in the Courses of Study and offered to a research student/candidate following sub-clause d) below.</p> <p>b) A course listed in Courses of Study but not offered in a semester due to lack of sufficient number of students registering for it, may be offered as a self-study course in that semester with the prior approval of Dean of Academic Affairs.</p> <p>c) A course already running in a semester shall not be offered as a self-study course.</p> <p>d) The SRC shall examine proposals for self-study courses, not listed in the course of study, along with the course contents, textbooks, mode of</p>	<p>Self-study course is considered in Table.</p>

		<p>assessment and name(s) of the instructor(s) and shall recommend the proposal and the credit to be assigned to Dean of Academic Affairs for his approval.</p> <p>e) All self-study courses shall carry a maximum of four credits.</p> <p>f) A student shall not take more than one self-study course during the entire Ph.D. programme.</p> <p>g) If the supervisor/SRC feels that a course is essential for the student which is not available, the same may be designed by SRC and recommended by the DRC under the code and title "XX-999: Special Topics" and approved by competent authority.</p> <p>B. Seminars shall satisfy the following conditions:</p> <p>a) Seminar in a semester shall be of two credits and every research student must deliver a seminar as a part of course requirement and beyond the minimum limit of credits for course requirement.</p> <p>b) Seminar shall be treated as additional course for the purpose of registration and evaluation.</p> <p>c) Supervisor shall act as seminar coordinator and decide the topic of seminar in accordance with the area of research. Supervisor shall arrange the seminar and forward the grade awarded by the SRC to the competent authority by the end of the semester.</p> <p>d) A student shall not get credits for more than one Seminar during the entire Ph.D. programme.</p> <p>e) All research scholar/students are required to be</p>	<p>Not Commented</p>
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			<p>adjudged for proficiency in English while delivering seminar which is mandatory for everyone. The SRC will give its recommendation alongwith the result of seminar whether the candidate has qualified examination for proficiency in English or not. In case, the candidate's proficiency in English is not found satisfactory, the candidate is required to do a course on Communication Skills.</p> <p>(f) A proforma-III_S is to be filled to send the seminar grade and proficiency in English.</p>																													
			<p>Table 1 COURSE CREDIT REQUIREMENTS</p> <table><tr><th>S. No.</th><th>Candidate Having</th><th>Range of Credit Requirements</th><th>Remarks</th></tr><tr><td>1.</td><td>M.Tech, M.Arch./MURP, MCA or M.Tech. (Integrated/ IDD) or Equivalent Degree</td><td><ul style="list-style-type: none">– minimum 3 theory courses or minimum of 9 credits theory courses– should earn 2 more credits by delivering seminar</td><td>Course From the existing M.Tech and/or pre-Ph.D. courses offered by own Deptt./ other Deptts.</td></tr><tr><td>2.</td><td>M.Sc/M.A./M.B. A. or equivalent admitted to Science/ HSS/ Management department</td><td><ul style="list-style-type: none">– 12-15 credits theory courses.– should earn 2 more credits by delivering seminar</td><td>Course From the existing PG level and/or pre-Ph.D. courses offered by own Deptt./ other Deptts.</td></tr><tr><td>3.</td><td>B.Tech. or equivalent, or M.Sc. or equivalent, admitted to anyone of the Engg.</td><td><ul style="list-style-type: none">– 34-38 credits equivalent to credits earned by M.Tech. students– should earn 2</td><td>Course Form the existing PG level and/or pre-Ph.D. courses offered by own Deptt./ other Deptts.</td></tr></table>	S. No.	Candidate Having	Range of Credit Requirements	Remarks	1.	M.Tech, M.Arch./MURP, MCA or M.Tech. (Integrated/ IDD) or Equivalent Degree	<ul style="list-style-type: none">– minimum 3 theory courses or minimum of 9 credits theory courses– should earn 2 more credits by delivering seminar	Course From the existing M.Tech and/or pre-Ph.D. courses offered by own Deptt./ other Deptts.	2.	M.Sc/M.A./M.B. A. or equivalent admitted to Science/ HSS/ Management department	<ul style="list-style-type: none">– 12-15 credits theory courses.– should earn 2 more credits by delivering seminar	Course From the existing PG level and/or pre-Ph.D. courses offered by own Deptt./ other Deptts.	3.	B.Tech. or equivalent, or M.Sc. or equivalent, admitted to anyone of the Engg.	<ul style="list-style-type: none">– 34-38 credits equivalent to credits earned by M.Tech. students– should earn 2	Course Form the existing PG level and/or pre-Ph.D. courses offered by own Deptt./ other Deptts.	<p>R.4.4 Course Credit Requirements</p> <p>Course credit requirements, which a candidate needs to complete, are given in Table below:</p> <table><tr><th>S N o</th><th>Qualification</th><th>Credit requirements</th><th>Remarks</th></tr><tr><td>1</td><td>M.Tech, M.Arch./MUR P, or equivalent</td><td>Minimum 12 credits of P.G. level theory courses and 2 credits of seminar in area of research</td><td>Student can take at most ONE self-study theory course.</td></tr><tr><td>2</td><td>M.Sc/M.A./M. B.A./M.Phil. or equivalent, admitted to Science/ HSS/</td><td>Minimum 16 15 credits of which minimum 12 credits of P.G.</td><td>Student can take at most ONE self-study theory course.</td></tr></table>	S N o	Qualification	Credit requirements	Remarks	1	M.Tech, M.Arch./MUR P, or equivalent	Minimum 12 credits of P.G. level theory courses and 2 credits of seminar in area of research	Student can take at most ONE self-study theory course.	2	M.Sc/M.A./M. B.A./M.Phil. or equivalent, admitted to Science/ HSS/	Minimum 16 15 credits of which minimum 12 credits of P.G.	Student can take at most ONE self-study theory course.
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Comprehensive Examination (Item No. 60.23 Appendix 'L' dt 08.07.2015)	R.5	1.	Soon after successfully completing the pre-Ph.D. course requirements, each research student will request through proforma Ph.D-IV, given in Appendix-A, for appearing in a comprehensive examination which has three segments: (i) Written comprehensive examination (ii) Oral comprehensive examination to test comprehension of the research student in the broad area of study, and (iii) Submission of research plan and its oral presentation to SRC, which will examine his/her academic preparation and potential to carry out the proposed research plan.	R.5 Candidacy for PhD The student should apply for the candidacy of PhD once he/she has earned the required course and seminar credits maintaining a CGPA of 7.0 or more. The SRC shall administer a comprehensive examination to test the comprehension of student in the broad subject area of research. The Departments/Centres shall evolve policies regarding the format and evaluation procedure of the comprehensive examination. After clearing the comprehensive examination, the student should present a research proposal before the SRC. The SRC shall												

<p>(Item No. 69.12 Agenda (Page No.25) Minutes (Page No.08) dt 28.07.2017)</p>		<p>Comprehensive examination shall be conducted by the SRC of the research student appointed under clause R.1 sub-clause 4. The comprehensive examination method has to be governed by DRC. The student having Masters degree or Bachelors degree has to present the research proposal within the stipulated time frame of 15 18 months or 20 24 months respectively from the date of initial registration. It is applicable to both Full Time and Part Time research scholar.</p> <p>The syllabus for comprehensive written and oral examination is to be defined by SRC including the courses student has completed as pre-PhD courses and approved by Chairman, DRC.</p> <p>2. On the basis of the performance of student in the comprehensive examination, SRC will make one of the following recommendations under each of a), b) and c), to the Dean of Academic Affairs:</p> <p>a) Written comprehensive examination</p> <p>(i) passed</p> <p>(ii) to reappear in the written comprehensive examination after a certain period of time specified by the SRC and/or after taking additional courses recommended by it, if any.</p> <p>(iii) failed</p> <p>b) Oral comprehensive examination</p> <p>(i) passed</p> <p>(ii) to reappear in the oral comprehensive examination after a certain period of time specified by the SRC.</p> <p>(iii) failed</p>	<p>recommend the student's admission to the candidacy if the research proposal is acceptable. The student will be given two chances to clear the comprehensive examination. The syllabus for comprehensive examination is to be defined by SRC. Progress report of PhD scholar for the candidacy will be submitted by SRC through prescribed proforma along with comprehensive examination report for the approval of Dean Academic Affairs.</p> <p>The student having M.Tech., M. Arch/MURP, MCA or M Tech (Integrated/IDD) or equivalent degree or M.Sc./M.A./M.B.A. or equivalent admitted to Science/HSS/Management department has to complete the requirements of candidacy within the stipulated time frame of 18 months from the date of initial registration.</p> <p>The student having B.Tech. or equivalent degree or M.Sc. or equivalent admitted to anyone of the Engg. Disciplines has to complete the requirements of candidacy within the stipulated time frame of 24 months from the date of initial registration.</p> <p>It is applicable to both full time and part time.</p>
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<p>(Item No. 63.15 Minutes (Page No.12) dt 11.01.2016)</p>			<p>c) Research plan and its oral presentation</p> <p>(i) approved</p> <p>(ii) not approved</p>	
		3.	<p>Oral examination shall be conducted only after successful completion of written examination i.e., the student has secured at least 'B' grade (or 64% marks) in written examination. The minimum passing grade in Comprehensive Written Examination shall be 'C+' ($64 \leq C+ \leq 72$). It was also decided that in Comprehensive Oral Examination, no grade be awarded.</p>	
		4.	<p>Research proposal shall be presented before the SRC only if the student has successfully cleared the oral examination, i.e., the student has been declared passed.</p>	
		5.	<p>Notifications for different components of comprehensive examination shall be issued separately through proforma Ph.D-V, given in Appendix-A, and only after the successful completion of previous component(s).</p>	
		6.	<p>Report on Comprehensive Examination - written and oral and Candidacy for Ph.D. Degree will be submitted by SRC through proforma Ph.D-VI, given in Appendix-A.</p>	
		7.	<p>Progress report of Ph.D scholar for the candidacy will be submitted by SRC through proforma Ph.D-VII, given in Appendix-A, alongwith comprehensive examination report for the approval of Dean of Academic Affairs.</p>	
		8.	<p>At the time of presentation of research proposal, SRC/DRC may identify the ISI/Scopus indexed journals of his/her proposed area where publication is required.</p>	

		NOT E:	A student will be provided a maximum of two attempts to qualify in each segment of the comprehensive examination, to obtain the SRC recommendation of 2.a(i), 2.b(i) and 2.c(i). However, two failures in any of the comprehensive examinations will require a student to leave the programme.	
<p>ELIGIBILITY FOR THE CANDIDACY (Item No. 60.23 Appendix 'L' dt 08.07.2015)</p> <p>(Item No. 69.12 Agenda (Page No.25) Minutes (Page No.08) dt 28.07.2017)</p>	R.6	1.	<p>The Dean of Academic Affairs will approve admission of a research student to candidacy on the recommendation of SRC which will satisfy that a research student has fulfilled the following:</p> <ul style="list-style-type: none"> a) completed the required course work; b) passed the written and oral comprehensive examinations; c) submitted a research plan and defended it to the satisfaction of SRC. <p>Thereafter, the research student will be admitted to candidacy from the date on which SRC recommended and be called a research candidate.</p>	ALREADY DISCUSSED IN R.5
		2.	<p>If a research student fails to get admission to candidacy as below then his/ her registration for the Ph.D. Programme will be terminated.</p> <p>(a). For Ph.D. students with M.Tech./M.Arch./ MURP/ MCA/ M.Tech. (Integrated/IDD) or equivalence degree and M.Sc. /MA/ MBA or equivalent admitted to Science /HSS/ Management department: 18 months.</p> <p>(b). For Ph.D. students with B.Tech. or equivalent or M.Sc. degree or equivalent admitted to Engineering discipline: 24 months.</p>	

			With a rider that last six months shall be devoted to non-course related activities of Ph.D. programme such as comprehensive exam (Written/Oral) and research proposal for candidacy.	
RESEARCH PERFORMANCE MONITORING (Item No. 60.23 Appendix 'L' dt 08.07.2015)	R.7	1.	The research progress of each research candidate in each semester will be monitored by the supervisor(s), who will assess the performance to be 'satisfactory' or 'unsatisfactory' at the end of each semester. For this purpose, each research candidate will be asked to submit a progress report to the supervisor(s) by the dates stipulated in R11.6.	R.6 Performance Monitoring The student should deliver an annual progress seminar in the month of July-August each year and submit a report to the SRC. The report should include the work done so far and should specify the progress made in the intervening period. The SRC shall submit its report on the continuation of the student in PhD programme and continuation of assistantship in a prescribed proforma to the Dean Academic Affairs at the earliest. Half-Yearly report will be sent by SRC without conducting a presentation. Two consecutive unsatisfactory reports will result in the termination of the programme.
		2.	In addition, the candidate shall have to give seminar once in an academic year before the SRC for progress evaluation. If the candidate has been admitted in July, the seminar presentation has to be completed by July 15 of the next year and if the candidate has been admitted in January, the seminar presentation has to be completed by December 31 of the same year.	
		3.	The supervisor(s)/SRC shall forward the recommendation regarding the performance of the research candidate to the Chairman, DRC/CRC before the beginning of the next semester. The Chairman, DRC/CRC will forward the recommendation to the competent authority for necessary action.	
		4.	The progress of a research candidate in each semester is evaluated as 'satisfactory' or 'unsatisfactory' by the supervisor(s)/SRC and forwarded to competent authority through Chairman DRC and Head of the Department/Centre.	
		5.	If the progress is evaluated as 'unsatisfactory' by the supervisor(s) for the first time, a warning will be issued to the Research Candidate by the competent authority.	

		6.	If the performance is evaluated unsatisfactory in two consecutive semesters to a research candidate, his/her registration for Ph.D. programme will stand terminated.	
		7.	<p>A special meeting of SRC may be called by the supervisor(s) at any time during the entire period of Ph.D. for the following:</p> <ol style="list-style-type: none"> Any type of change of topic or research area. Addition or deletion of supervisor. To consider the request of student for doing work in industry or in some other institute for a short period. To consider the extension of period To consider the enhancement of fellowship or change of status from JRF to SRF. <p>Proforma Ph.D-VIII need to be filled every time by the SRC for the approval of Dean of Academic Affairs.</p>	<p>R.7 Special SRC Meeting</p> <p>A special meeting of SRC may be convened for considering the following cases:</p> <ul style="list-style-type: none"> Any change in topic or research area; Addition or deletion of supervisor; Change of status/category; Short term leave to take up studies outside the institute; Extension of PhD duration and institute assistantship <p>The SRC recommendations in the prescribed proforma should be sent to Dean Academic Affairs for the approval.</p>
<p>THESIS SUBMISSION (Item No. 60.23 Appendix 'L' dt 08.07.2015)</p> <p>(Item No. 71.15 Agenda (Page No.226) Minutes (Page No.06)</p>	R.8	1.	<p>a) A candidate is required to publish at least two papers or accepted for publication in refereed journal(s) of repute (preferably journals included in SCI) as decided by the SRC at the time of presentation of research proposal or at least one patent filed.</p> <p>Eligibility criteria for submission of thesis regarding minimum duration of submission and number of papers to be published shall be as per the</p>	<p>R.8 Submission of Thesis</p> <p>When the supervisor and the PhD candidate are of the opinion that the research work as planned in the research proposal has been completed then the supervisor should arrange for a meeting of SRC. At this stage, it is expected that the PhD student has already published (or, accepted for publication) at least TWO papers out of which ONE paper should be in a refereed journal. Papers can be in a conference of repute as endorsed by the SRC. The PhD</p>

dt 28.12.2017)		<p>Ordinances & Regulations in force at the time of admission.</p> <p>b) When the supervisor is of the opinion that the research work as planned in the research proposal has been completed and the quality of work is up to the mark for submission of Ph.D., he/she will ask the research candidate to prepare a draft copy of the thesis and submit to the Chairman, SRC with the request to convene the meeting of SRC.</p> <p>c) The candidate shall submit 8 2 soft bound copies and one soft copy of the synopsis after the SRC recommends submission of synopsis.</p> <p>d) The research candidate will deliver a seminar on his/her research work and the seminar shall be adequately notified by the Chairman, SRC, so as to enable interested staff members and students to attend it. If the SRC is satisfied about the quality of the work and considers it fit for submission as a Ph.D. thesis, it will send its recommendation to competent authority along with five soft bound copies and one soft copy of the synopsis and the proposed panel of examiners. Proforma Ph.D-IX, given in Appendix-A, is to be filled by the supervisor(s) to be sent for the approval of Dean of Academic Affairs.</p> <p>e) At the time of delivery of seminar for pre-submission, student has to present the rough draft of the thesis to the SRC.</p> <p>f) If candidate feels that supervisor is not allowing him/her to submit thesis, the student can approach Chairman SRC or HoD and request to convene the special meeting of SRC to consider the work done</p>	<p>student shall submit a draft copy of the thesis to the SRC members at least 15 days prior to the scheduled meeting. The PhD student will present his/her research work to the SRC and if the SRC is convinced and considers it fit for submission as a Ph.D. thesis, it will send its recommendation to Dean Academic Affairs in a prescribed form. The supervisor may verify the availability of potential examiners for evaluating the thesis before recommending the names for panel of examiners. The panel of examiners shall have names of researchers / faculty from eminent organisations spanning all over the world. Ten examiners may be suggested by the SRC.</p> <p>The PhD student should submit the thesis within four months of SRC recommendation for submission of thesis. One time extension upto four months may be granted by the Dean Academic Affairs, on the recommendations of the SRC. The thesis, synopsis and the panel of examiners should be submitted as PDF files.</p>
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(Item No. 66.16 Minutes (Page No.08) dt 11.06.2016)		<p>by him/her. The candidate may or may not be allowed to submit thesis by the SRC.</p> <p>The research candidate shall be required to submit his thesis within 04 months of SRC recommendation for submission of thesis. However, in case a candidate fails to submit his/her thesis within the stipulated time and has suitable justification for the same, the competent authority may, on recommendations made by the SRC and DRC and on individual merits of each case, grant him/her extension in time beyond more than four more months, i.e. the candidate may be allowed to submit his/her thesis within a period not exceeding 08 months from the date of SRC meeting recommending submission. No further extension will be given beyond 08 months for the submission of thesis.</p>	
	2.	<p>Panel of Examiners</p> <p>A panel of at least ten experts in the area of the Ph.D. thesis would be suggested by the supervisor(s) and recommended by the SRC while forwarding its recommendation for submission of thesis. The panel so recommended would include at least 50% of the examiners from outside India and be out of the bibliography list of references as submitted by the candidate with synopsis with one reference of each expert in cited journal. Any person working in the laboratory(ies)/ Institution(s) where the research candidate or supervisor(s) from outside the institution, if any, is employed, cannot, however, appear in the panel of examiners. Any person related to the candidate or supervisor(s) should not appear in the panel of examiners.</p>	

		3.	<p>Board of Examiners</p> <p>On receipt of the recommendation of SRC for submission of thesis along with synopsis and panel of examiners, the Dean of Academic Affairs will seek consent of the examiners and appoint the Board of Examiners for each research candidate. The Board will consist of internal examiners - the Supervisor(s), and three external examiners – two from within India and the other from abroad, who shall be experts in the subject of the thesis except for cases covered under clause R.8.2 (b). These external examiners shall be chosen from the panel of examiners recommended by the SRC.</p> <p>The supervisor has already gone through the thesis submitted by his/her student and approved the submission, the supervisor will not be asked to evaluate the thesis again. The thesis shall be evaluated only by the Indian and Foreign Examiners as per existing rules.</p>	
		4.	<p>Submission of Thesis</p> <p>(i) The thesis shall be written in English in the specific format available in the office of Dean of Academic Affairs / Department. The specifications of the thesis are given in Proforma Ph.D-X, given in Appendix-A.</p> <p>(ii) The thesis shall contain a critical account of the candidate's research. It should be characterized by discovery of facts or fresh approach towards interpretation of facts and theories or significant contribution to knowledge or development of innovative products and technologies or a combination of these. It should bear evidence of the candidate's capacity for analysis and</p>	

			<p>judgment as well as his ability to carry out independent investigation, design or development.</p> <p>(iii) The Ph.D. thesis must contain the following copyright certificate in the beginning of the thesis, on a separate page on the left side:</p> <p style="text-align: center;">© INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE, 200..</p> <p style="text-align: center;">ALL RIGHTS RESERVED</p> <p>(iv) The research candidate shall submit initially n+4 copies of the thesis in a spiral bound form with a soft cover, where 'n' is the number of supervisor(s), and also a soft copy (pdf file) on a CD. One copy each is for office record, for foreign examiner, for Indian examiner and for supervisor(s).</p> <p>(v) The candidates declaration page will have signature of only the student and supervisor(s).The format of the declaration page will have the format as given in proforma Ph.D- XI-A, given in Appendix-A.</p> <p>(vi) The candidate will have to fill proforma Ph.D- XII, given in Appendix-A, for the submission of thesis.</p>	
<p>THESIS EVALUATION (Item No. 60.23 Appendix 'L' dt 08.07.2015)</p> <p>(Item No. 71.15 Agenda (Page</p>	R.9	1.	<p>The thesis will be sent to the examiners by the office of the Dean of Academic Affairs with the request for a detailed assessment report and his/her recommendations on the prescribed proforma within a period of six weeks of the date of receiving the thesis.</p> <p>Criteria to be adopted for evaluation of thesis shall be as</p>	

<p>No.226) Minutes (Page No.06) dt 28.12.2017)</p> <p>(Item No. 68.13 Appendix 'D' Minutes (Pg No. 23- 26) dt 02.03.2017)</p>			per the Ph.D. Ordinances & Regulations in force at the time of submission of the thesis.	
	2.	a)	Examiners will examine the thesis individually with a view to judge that the thesis is a piece of research work characterized by; <ul style="list-style-type: none"> i) The discovery of facts, or ii) A fresh approach towards interpretation and application of facts or theories, or iii) Development of innovative products and technologies 	
		b)	Each examiner will send detailed comments on the research work along with a clear recommendation stating one of the following: <ul style="list-style-type: none"> (i) The thesis is satisfactory and recommended for the award of Ph.D. degree, or (ii) The thesis is recommended for the award of Ph.D. Degree subject to the candidate giving satisfactory answers to queries specifically mentioned in the report at the time of oral defence, or (iii) The thesis is recommended for the award of Ph.D. Degree subject to the candidate revise the thesis as per suggestions made and presents during oral defence, or (iv) The candidate is required to resubmit the thesis in the revised form, as per suggestions made and the thesis be sent for re-evaluation. (v) The thesis is rejected. 	
	3.		The Dean of Academic Affairs will, on the basis of the recommendations of the examiners will take one of the following actions:	

			<p>i) If all the examiners recommend acceptance of the thesis, their recommendations shall be accepted.</p> <p>ii) If out of three external examiners, two external examiners (Foreign and one of the Indian) have sent the report in time and recommend the acceptance of the thesis and all internal examiners also recommend acceptance of the thesis, their recommendation may be accepted. However, the academic section shall wait till the last date of sending the reports by all external examiners from the date of dispatch of Ph.D. thesis (i.e., 6 weeks as given in R.9.1 above) and after that give at least one reminder to examiner to send the report in next 4 weeks.</p> <p>If out of three external examiners, two external examiners (Foreign and one of the Indian) have sent the report in time and recommend the acceptance of the thesis, their recommendation may be accepted. However, the academic section shall wait till the last date of sending the reports by all external examiners from the date of dispatch of Ph.D. thesis (i.e., 08 weeks) and after that give at least one reminder to examiner to send the report in next 4 weeks.</p> <p>iii) If the report of one out of two external examiners (received till last date) is negative, the report of third examiner is must.</p> <p>iv) In case reports have come from both the Indian examiners, any one of them may be included in the examination board for viva-voce examination.</p> <p>In case reports have come from both the Indian Examiners and both have given the same recommendations, any one of them may be</p>	
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		<p>included in the examination. However, if the recommendations of Indian examiners are different, the one who has raised the queries or asked to revise the thesis as per suggestions made by him/her and presents during oral defence shall be included in the examination board.</p> <p>v) If majority of the external examiners recommend rejection, their decisions would be accepted. The candidate may, however, be allowed to resubmit the thesis at least after one year, provided the title of the thesis remains unchanged. Normal procedure will be followed for the evaluation of the resubmitted thesis. In case of resubmission of the thesis, a fresh fee for the examination shall be paid by the candidate. No candidate shall be allowed to resubmit the same thesis for more than once.</p> <p>If any of the examiners recommends rejection, his/her decision would be accepted. The candidate may, however, be allowed to resubmit the thesis at least after one year, provided the title of the thesis remains unchanged. Normal procedure will be followed for the evaluation of the resubmitted thesis. In case of resubmission of the thesis, a fresh fee for the examination shall be paid by the candidate. No candidate shall be allowed to resubmit the same thesis more than once.</p> <p>vi) If more than one examiner recommends rejection, the candidate's replies to the comments made by the examiners shall be sent to these examiners and their clear verdict sought. The examiners may then recommend acceptance, rejection or revision</p>	
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			<p>of the thesis.</p> <p>In case the thesis is accepted, sub-clause 3(i) above will be applicable. In case of recommendation for revision, sub-clause 3(vii) below will apply. However, if these examiners still recommends rejection, alternate examiners would be appointed from the panel of the examiners recommended by SRC by the Dean of Academic Affairs. In such cases sub-clause 4(viii) will apply.</p> <p>If one or more examiners recommend rejection, the candidate's replies to the comments made by the examiners shall be sent to these examiners and their clear verdict sought. The examiners may then recommend acceptance, rejection or revision of the thesis.</p> <p>In case the thesis is accepted, sub-clause 3(i) above will be applicable. In case of recommendation for revision, sub-clause 3(vii) below will apply. However, if these examiners still recommends rejection, alternate examiners would be appointed from the panel of the examiners recommended by SRC by the Dean of Academic Affairs. In such cases sub-clause 4(viii) will apply.</p> <p>vii) In case some examiners recommend revision of the thesis, the thesis would be revised normally within one year, if the candidate so desires. The revised version of the thesis with new date of submission on thesis would be sent to all the examiners for their recommendations.</p> <p>If the candidate does not agree for revision, he may ask for appointment of another examiner(s) under sub-clause 4(viii) below.</p>	
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		<p>viii) A new examiner, if appointed, shall be Indian or Foreign depending on whether the thesis was rejected/to be revised on the recommendation by an Indian or a Foreign examiner in the first instance. The reports of all the examiners will be sent to the new examiner without revealing the identity of the previous examiners, along with the response of the candidate, if any, to the grounds for such recommendation as given in the detailed comments. The thesis shall be deemed to be acceptable if majority of the examiners including the new examiner recommend acceptance.</p> <p>If the newly appointed examiner recommends revision, the thesis would be suitably revised and resubmitted at least after 3 months and sent for examination to all the examiners except the ones in whose place the new examiner was appointed.</p> <p>In case the newly appointed examiners recommend rejection or their recommendations for revision is not accepted by the candidate, the thesis would be rejected. The candidate may then avail the benefit of sub-clause 3(v) above.</p> <p>A new examiner, if appointed, shall be Indian or Foreign depending on whether the thesis was rejected/to be revised on the recommendation by an Indian or a Foreign examiner in the first instance. The reports of all the examiners will be sent to the new examiner without revealing the identity of the previous examiners, along with the response of the candidate, if any, to the grounds for such recommendation as given in the detailed comments. The thesis shall be deemed to be acceptable if all the examiners including the new</p>	
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		<p>examiner recommend acceptance.</p> <p>If the newly appointed examiner recommends revision, the thesis would be suitably revised and resubmitted at least after 3 months and sent for examination to all the examiners except the ones in whose place the new examiner was appointed.</p> <p>In case the newly appointed examiners recommend rejection or their recommendations for revision is not accepted by the candidate, the thesis would be rejected. The candidate may then avail the benefit of sub-clause 3(v) above.</p> <p>ix) If the majority of examiners recommend revision of the thesis, the candidate may revise the thesis accordingly and resubmit it within a period of one year for the evaluation by the same set of examiners.</p> <p>x) If there is no clear majority opinion and there are recommendations for rejection by some examiners and also, revision of the thesis by some other examiners, the candidates may revise the thesis and resubmit it within a period of one year, for evaluation by the same set of examiners.</p> <p>If there are recommendations for rejection by some and also, revision of the thesis by some others, the candidates shall revise the thesis and resubmit it within a period of one year, for evaluation by the same set of examiners.</p> <p>xi) Any doubt arising out of following the procedure laid down in clause R.9.3 shall be referred to the Director for a decision.</p>	
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			<p>xii) In case of ambiguous recommendations by the examiner(s), Dean of Academic Affairs will approach the examiner(s) for a clear recommendation. In case clear recommendation is not forthcoming, the matter may be referred to the Director for his decision.</p> <p>xiii) In case any examiner gives comments to be incorporated in the thesis and also states that the revised thesis need not be sent again to him / her, the revised thesis will not be sent to the examiner. The supervisor(s) shall certify that the comments have been incorporated, before the viva-voce examination. (in view of clause R.9.2 (b) (iii) included in the revise rules.)</p>	
<p>ORAL DEFENCE OF THESIS (Item No. 60.23 Appendix 'L' dt 08.07.2015)</p>	<p>R.10</p>	1.	<p>If the thesis is recommended for the award of Ph.D. degree, the candidate shall be required to defend his / her work / thesis orally (Oral Defence) before a duly constituted committee hereinafter referred to as the Oral Defence Committee (ODC). The Dean of Academic Affairs shall request the thesis supervisor and Chairman, SRC to arrange the conduct of oral thesis defence. The copies of the report of the thesis examiners shall be sent to the supervisor with the request to provide them to the candidate so that he/she may prepare to answer the queries raised in the report during oral defence. The oral thesis defence shall be adequately notified so as to enable interested staff members and students to attend it.</p>	<p>R.9 Evaluation and Defence of Thesis</p> <p>The thesis shall be sent to three examiners for evaluation and the student will be asked to defend his/her thesis in front of the Oral Defence Committee (ODC), if any two of the three examiners recommend acceptance of the thesis. The ODC shall consist of the Head of Department (or, nominee), Chairperson SRC DRC (or, nominee), the external examiner, and SRC members. Once the ODC is satisfied with the defence of PhD student, it will record its recommendations in the prescribed form and communicate it to the Dean Academic Affairs. The PhD student has to incorporate all the suggestions given by the examiners in the thesis and present a compliance report of the same. A revised thesis incorporating all suggestions should be submitted</p>
		2.	<p>(i) The ODC shall be chaired by the Head of the department / centre or his nominee and shall consist of Chairman SRC, supervisor(s) and one Indian external examiner. The Chairman, SRC and</p>	

		<p>the supervisor(s) in the capacity of internal examiner(s) shall arrange for the oral defence of the candidate and the Head of the department/centre will notify it. The oral defence of the thesis of the candidate shall be arranged as early as possible and normally within two months from the date of receipt of communication from the Dean of Academic Affairs for holding the viva-voce examination.</p> <p>(ii) The Dean of Academic Affairs will decide that out of two Indian external examiner who should be included in the panel of examiners for ODC.</p> <p>(iii) In case of the inability of the supervisor to arrange the conduct of the oral defence of the thesis due to any reason whatsoever, the Dean of Academic Affairs may appoint Chairman, SRC or internal expert, as recommended by Head of the Department/Centre concerned, another Internal Examiner for oral defence of the thesis. In such cases also, the Ph.D. work will be deemed to have been carried out under the guidance of the supervisor only.</p>	<p>along with the report of the ODC. Thesis shall be signed by Student and the Supervisor.</p>
3.	<p>a) In case of non-availability of the Indian External Examiner in conducting the viva-voce examination, the Dean of Academic Affairs may appoint another examiner to conduct the oral defence of the thesis from the panel of Indian examiners recommended by SRC.</p> <p>If need be, the SRC may suggest a fresh panel of examiners.</p> <p>b) The examiners in Oral Defence Committee (ODC) shall be provided with the comments made by the</p>		

		<p>examiners before the oral defence.</p> <p>c) If there is a difference of opinion among the viva-voce examiners in Oral Defence Committee (ODC), the recommendations of the ODC will be put up to the Director for a decision who may either direct that a fresh oral defence be held with a new ODC or recommend acceptance or otherwise to the Senate.</p> <p>d) On the completion of the oral defence, the Oral Defence Committee shall recommend to the Dean of Academic Affairs, one of the following courses of action:</p> <ul style="list-style-type: none">(i) that the degree be awarded;(ii) that the candidate be re-examined at a later specified time in a specified manner; <p>The Oral Defence Committee shall also provide to the research candidate a list of all corrections and modifications in the thesis (if required) including suggestions made by the examiners during the thesis evaluation.</p> <p>The second oral defence may be held in case of (ii) normally after a period of 3 months.</p> <p>Any other matter not explicitly provided herein or of an exceptional nature, may be referred to the Director for his decision.</p> <p>e) After the successful completion of oral defence, the candidate is required to make all the changes suggested by the examiners or members of viva defence committee.</p> <ul style="list-style-type: none">(i) The final submission of thesis shall be in hard bound form incorporating all the changes in the	
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		<p>thesis after successful completion of oral defence. The candidate declaration page will have the format as given in proforma-XI-B, given in Appendix-A.</p> <p>(ii) The candidate's declaration page in the final thesis will have the signature of the candidate, supervisor(s), Indian examiners and Chairman, SRC. The supervisor will take the signature of all the members of Oral Defence Committee on required number of sheets at the time of viva-voce examination to be place in the final thesis.</p> <p>(iii) Before signing the thesis in the hard bound form, the supervisor(s) will certify that the candidate has made all the changes as suggested by the examiner(s).</p> <p>(iv) The research candidate shall prepare n+2 copies of the final thesis in hard bound, where 'n' is the number of supervisor(s), after successful completion of Oral Examination. One copy each is for Central Library, Departmental Library and for supervisor(s).</p> <p>(v) One copy of the thesis shall be given to each supervisor(s) by the candidate.</p> <p>(vi) One copy of thesis shall be submitted in Departmental Library by the candidate to get 'No Dues' from the Departmental Library.</p> <p>(vii) The candidate shall submit one copy of thesis meant for Central Library, synopsis of the thesis, additional one page synopsis for Hindi translation, 'No Dues' certificate and a soft copy (pdf file) on a CD to supervisor(s) for sending to Academic Section.</p> <p>(viii) Supervisor will send the above alongwith</p>	
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			Report of the thesis to Academic Section for approval of the competent authority.	
AWARD OF Ph.D. DEGREE (Item No. 60.23 Appendix 'L' dt 08.07.2015)	R.11	1.	<p>The Degree of Ph.D. shall be awarded by the Senate, provided that:</p> <ol style="list-style-type: none"> The Oral Defence Committee so recommends; The candidate produces a 'No dues Certificate' in the prescribed form. The candidate has submitted one soft and two hard cover copies of the thesis; one for the Library of the Department/Centre and the other for the Central Library. The thesis should incorporate all necessary/ corrections/ modifications listed by the Oral Defence Committee (ODC). 	
FINANCIAL ASSISTANCE (Institutional Assistantship) (Item No. 60.23 Appendix 'L' dt 08.07.2015)	R.12	1.	<ol style="list-style-type: none"> Those students who are admitted on full-time basis are considered for the award of Institutional MHRD Assistantship of the amount as decided by the Government of India from time to time, under specified terms and conditions. The students getting Institute MHRD Assistantship will provide 8-10 hours of assistance per week in teaching, laboratory development, and research. The total number of MHRD assistantships in a department will be as decided by the institute from time to time. 	<p>Assistantships are awarded on a semester to semester basis for a period of up to five years for PhD students. A student is expected to devote up to eight to ten hours per week towards job(s) assigned to him/her. The renewal of assistantship is contingent on the student's satisfactory performance in the academic programme and in the discharge of assistantship duties.</p> <p>Project fellows may be offered institute assistantship after the expiry of project funding for a maximum cumulative period of five years (project funding + institute assistantship) in PhD programme. These assistantships will be over and above any limit/quota of institute assistantships for Departments/Centres.</p> <p>Financial assistance will not be available from the institute to candidates who are recipients of the fellowship awards</p>

<p>(Item No. 69.32 Agenda (Pg No. 139-140) Minutes (Pg No. 12) dt 28.07.2017)</p>				<p>from UGC/CSIR/DST/ICMR/DBT, etc.-ALREADY TALKED IN PART-I</p>
		<p>2.</p>	<p>The maximum duration for which assistantship can be awarded to any Ph.D. research student is 4 years for MHRD and UGC/CSIR fellows or till the end of the semester in which the thesis is submitted, whichever is earlier. Continuation of the fellowship is contingent on satisfactory academic and research performance and satisfactory performance in the discharge of responsibilities for assistance assigned under the scheme.</p> <p>IITR Assistantship to research scholars may be extended up to the viva-voce Examination on the recommendation of supervisor. This is subject to their registration in those semester(s). However, in any case, the assistantship cannot be given beyond five years as per the guidelines of MHRD.</p> <p>MHRD or UGC/CSIR fellowship can be given to the students in the 5th year provided the SRC or the three member assessment committee respectively strongly recommends with a justification for fellowship after the candidate delivers a seminar before the committee, to show progress. The committee has to specify the date beyond 4th year upto which fellowship can be given.</p> <p>It is to be noted that admission to the Programmes and award of assistantship are not linked. Admission to any programme does not guarantee the award of fellowship/ assistantship. Those who are not awarded assistantship can continue with the programmes as a self financing student.</p>	

<p>TUITION FEE WAIVER TO Ph.D. STUDENTS (Item No. 60.23 Appendix 'L' dt 08.07.2015)</p>	<p>R.13</p>		<p>Tuition Fee Waivers is given to research students/ candidates following the policy of the Government of India, Ministry of Human Resource Department.</p>	<p>Tuition fee waiver as per Government of India guidelines.</p>
<p>LEAVE AND ATTENDANCE (Item No. 60.23 Appendix 'L' dt 08.07.2015)</p> <p>(Notification No. Acad./1814/UG-15 dated 20.11.2015)</p>	<p>R.14</p>		<p>A research student/candidate will be entitled to avail leave as approved by the Head of the department/centre following Leave Rules/Attendance Rules formulated and amended from time to time by the Senate. Presently these are as under:</p>	<p>R.10 Leave, Attendance and Withdrawal</p> <p>R.10.1 Leave Rules</p> <p>A full-time PhD student, during his/her stay at the Institute, is entitled for 8 days casual and 15 days vacation leave and 15 days leave on medical grounds in an academic year. He/she will not be entitled to mid-semester breaks, summer and winter vacation. The vacation and medical leave due can be carried over to the next year and both can be accumulated up to 60 days. An extension of leave beyond available leave up to additional 15 days will be granted only once during the programme by the Head of the Departments/Centres under exceptional conditions. Proper attendance record shall be maintained in the department. A PhD student is allowed to draw Assistantship/ Scholarship/ Fellowship during the sanctioned leave period. This is also applicable to:</p> <ul style="list-style-type: none"> • Maternity leave to a woman PhD student for a period not exceeding 135 180 days, once during the period of PhD programme; • Paternity leave for a male PhD student for period not exceeding 15 days once during the period of
		<p>1.</p>	<p>Leave Rules</p> <p>A full-time research student/candidate, during his/her stay at the Institute will be entitled a total of 30 days leave per academic year, in addition to Public Holidays including leave on medical grounds. for 8 days casual leave and 15 days vacation leave including leave on medical grounds in an academic year. He/she will not be entitled to mid-semester breaks, summer and winter vacation. The leave due can be carried over to the next year and accumulated up to 90 60 days.</p> <p>Leave beyond 30 15 days in an academic year may be granted to a Research student/ candidate in exceptional circumstances, on the recommendation of the supervisor, by the Head of the Department/Centre concerned, subject to the following conditions:</p> <p>a) The leave beyond 30 days due leave will be</p>	

<p>(Notification No. Acd./1814/UG-15 dated 20.11.2015)</p>		<p>without Assistantship/ Scholarship/ Fellowship.</p> <p>b) An extension of leave up to additional 30 15 days will be granted only once during the programme of the scholar.</p> <p>c) A proper leave account of each research student/candidate shall be maintained by the Department/ Centre concerned.</p> <p>d) Women scholars are entitled for maternity leave with full fellowship/assistantship as applicable, for a period not exceeding 180 days, once during the tenure of their award. The application for maternity leave should be supported by medical certificate.</p> <p>e) Male Scholars are entitled for 15 days paternity leave once during the tenure of their award. The application for paternity leave should be supported by medical certificate.</p> <p>f) Special leave may be granted with the permission of Dean of Academic Affairs to attend Seminars/Conferences in India abroad and present paper. However, permission of Dean of Academic Affairs, is required to attend Seminars/ Conferences in abroad and present paper.</p> <p>g) Field trips, attending Seminars/Conferences/Workshops will be considered on duty.</p> <p>h) Research student/candidate supported by a Government/ semi-Government agencies may be governed by their own rules as applicable.</p>	<p>PhD programme.</p> <p>The application for maternity/paternity leave shall be made well in advance and should be supported by medical certificate.</p> <p>Special leave may be granted by Head of the Department/Centre for field trips, working in other research laboratory and to attend Seminars/ Conferences/ Workshops and present paper. The PhD student may continue to draw his/her assistantship/fellowship during these visits outside the institute and shall be considered on-duty if he/she is not availing any financial support from the host institute. Such period of absence for field trips/working in other research laboratories shall not be more than one semester.</p>
	2.	<p>Attendance</p> <p>A research student/candidate irrespective of the</p>	<p>R.10.2 Attendance</p>

			<p>source of support including self financing, while pursuing course work, must have at least 75% attendance in each course in which he/she is registered. A research student falling short of 75% attendance in a course shall not be permitted to appear in the examination of that course and asked to leave the programme.</p> <p>A research student/candidate after having completed the course work must attend to his/her research work on all the working days and mark attendance except when he/she is away from the campus on duty/sanctioned leave. The requirement of 75% attendance will apply as above on daily attendance on monthly basis except in the cases where longer leave have been duly sanctioned within the leave entitlement of the research student/candidate.</p> <p>In case the attendance of a research student/candidate falls below 75% during a month, he/she will not be paid his assistantship/support, if applicable, for that month. Further, if his/her attendance again falls short of 75% in any subsequent months in the same semester his/her studentship/candidacy and support will be terminated.</p> <p>For the above purpose, if 75% works out to be a number which is not a whole number, the immediate lower whole number will be treated as the required 75% attendance.</p>	<p>During the course credit period, the minimum attendance requirement shall be as mandated by the institute regulations. A PhD student after having completed the coursework must attend to his/her research work on all the working days and mark attendance except when he/she is away from the campus on duty/sanctioned leave. The assistantship/fellowship shall be released on the recommendation of the supervisor in each month.</p>
WITHDRAWAL FROM SEMESTER/COURSES	R.15	1.	<p>A research student/candidate may be permitted by the Dean of Academic Affairs to withdraw from all the courses registered by her/him in the entire semester, on medical grounds supported by a medical certificate</p>	<p>R.10.3 Withdrawal from Semester</p> <p>A PhD student can seek withdrawal from a semester on medical grounds, supported by medical documents</p>

<p>(Item No. 60.23 Appendix 'L' dt 08.07.2015)</p>		<p>from the Institute Medical Officer. The medical certificate issued by a registered Medical Practitioner will also be acceptable in those cases where the research student/candidate has valid reasons for his/her absence from the Institute. Withdrawal may also be granted by the Dean of Academic Affairs provided he/she is convinced that the research student/candidate cannot pursue his/her studies for the reasons beyond his/her control.</p>	<p>issued by institute hospital or issued by a certified medical practitioner and verified by institute chief medical officer. Permission is to be taken from Dean Academic Affairs. The medical certificate should be submitted (if not submitted earlier) within two days of his/her resuming duties at the Institute. Partial withdrawal from some of the courses registered in a semester is not admissible on medical grounds. The period of authorized absence in the semester should not be less than three weeks in a semester, for which withdrawal is to be granted.</p> <p>In case a student wishes to temporarily withdraw from his/her PhD Programme, he/she may do so only after candidacy with the permission of the Dean Academic Affairs on the recommendation of SRC. Temporary withdrawal may be granted for up to one year (two semesters) initially. Extension of the duration of withdrawal beyond the period of one year would normally not be encouraged, and could be granted by the Dean Academic Affairs, only under exceptional circumstances. The period of temporary withdrawal will not be counted, when counting the number of semesters of Ph.D. registration already completed by the student.</p>
		<p>2. Research Student/Candidate should present the medical certificate in support of his/her absence for health reasons within two days of his/her rejoining the Institute, if not produced already. Under no circumstances a request for semester withdrawal from a research student/candidate will be entertained after the major tests in courses have begun. Withdrawal will</p>	<p>R.10.4 Withdrawal from a Course</p> <p>A student may drop courses for which he/she may have registered if the academic load for the given semester is found to be too heavy. The last date for dropping a course by the student will be two weeks after the mid-</p>

			not be granted retrospectively.	semester examination. Such courses will appear in the transcripts and final grade card with 'W' grade.
		3.	The period of authorized absence in the semester should not be less than three weeks in a Semester, for which withdrawal is to be granted. Regularity in attending the classes / department and satisfactory performance in research/ the mid-term examinations, if any, held prior to the date of application for withdrawal are the factors which would be taken into account while recommending/ granting withdrawal.	
		4.	Any semester withdrawal will count towards the maximum limit of registration for six years for full time /seven years for part time research student/candidate as per clause R.2(b).	
CANCELLATION OF REGISTRATION <i>(Item No. 60.23 Appendix 'L' dt 08.07.2015)</i> <i>(Item No. 69.12 Agenda (Page No.25) Minutes (Page No.08) dt 28.07.2017)</i>	R.16	1.	<p>Registration of a Research student/candidate shall be cancelled in any one of the following eventualities, after due approval of Dean of Academic Affairs:</p> <ol style="list-style-type: none"> If he/she absents himself/herself for a continuous period of four weeks without prior intimation/sanction of leave and is duly recommended by the supervisor/ Chairman, DRC/CRC/HoD. If he/she resigns from the Ph.D. Programme and the resignation is recommended by the supervisor/ Chairman, DRC/CRC/HoD. If he/she fails to renew his/her registration in any semester following the provision contained in clause R.1.5. If his/ her academic and research progress is not as per requirement clauses R.7.4 and R.7.5. If all the prescribed courses including Audit course(s) are not successfully completed within the stipulated time frame of 45/20 18/24 months by Research students with Masters' Degree/ 	R.11 Cancellation of Registration <p>Registration of a PhD student shall be cancelled in any one of the following eventualities:</p> <ul style="list-style-type: none"> If any point of time any information required for admission and eligibility is found incorrect; If he/she is absent for a continuous period of four weeks without prior sanction of leave and is duly recommended by the supervisor/Chairperson, DRC/CRC/HoD; If he/she fails to renew his/her registration in any semester; If his/her academic and research progress performance is not as stipulated; If he/she fails to qualify for the candidacy of PhD within the stipulated duration; If he/she resigns from the PhD Programme and it is accepted by the Dean Academic Affairs;

			<p>Bachelors' Degree both for full time/part time student from initial registration following provisions of clause R.4.</p> <p>f) If he/she does not clear the comprehensive examination as stipulated in clauses R.5.2 and R.6.2.</p> <p>g) If he/she is found involved in an act of misconduct and/or indiscipline and termination has been recommended by a competent authority.</p>	<p>If he/she is found involved in an act of misconduct and/or indiscipline and termination has been recommended by the competent authority.</p> <p>R.12 Exit from Ph.D. Programme</p> <p>If a PhD student in may exit from the programme with an M.S. (Research) degree provided:</p> <ul style="list-style-type: none"> • The PhD student has qualified for the candidacy; • A request to this effect is made at least six months before the exit but not before the student has completed two-and-half years (excluding the period of sanctioned leave, if any) in the programme; <p>The request is approved by the Senate on the recommendations of DRC and IRC.</p>
<p>TO TAKE UP JOBS/ASSIGNMENTS (Item No. 60.23 Appendix 'L' dt 08.07.2015)</p>	R.17		<p>The Full time research student/candidate cannot take up any regular job/assignment during Ph.D. programme.</p> <p>If he/she takes up a job / assignment, his/her status will be converted from Full-time to Part-time student in accordance with clause A.2.3. Conversion of status from Full-time to Part-time is admissible only after the candidacy.</p>	
<p>GENERAL (Item No. 60.23 Appendix 'L' dt 08.07.2015)</p>	R.18	1.	<p>Notwithstanding anything contained in these Ordinances & Regulations, all categories of the research students/candidates shall be governed by the regulations, guidelines and procedures framed by the Senate in this regard, and in force from time to time.</p>	

		2.	<p>Unfair means and Plagiarism</p> <p>a) In case a research student/candidate is found adopting or suspected of adopting unfair means before, during and after the examination or lifting of some other's work(s) and inserting it in his/her project, seminar and dissertation, etc. without proper acknowledgment, credit and reference or plagiarizing the dissertation/project report etc., such penal action shall be taken by the Institute as may be necessary to uphold the sanctity and integrity of the examination system and the credibility of the Institute.</p> <p>b) All such cases may be taken suo-moto cognizance of by the Institute Standing Committee (ISC) appointed by the Senate for this purpose. Such cases may also be reported by examiners/invigilators/ supervisor(s)/ Chairman, DRC/CRC or any person to Dean of Academic Affairs and or the Institute Standing Committee for consideration. After giving an opportunity to the concerned research student(s) /candidate(s) to explain the conduct/defend against the charge, the Chairman, Senate on the recommendation of Institute Standing Committee shall take action to impose on the concerned research student(s)/candidate(s) appropriate penalty including termination of registration or award of F Grade in the concerned course(s) etc.</p>	
INTERPRETATION (Item No. 60.23 Appendix 'L')	R.19	1.	Any doubt or dispute about the interpretation of these Ordinances and Regulations shall be referred to the Chairman, Senate whose decisions shall be final.	

dt 08.07.2015)		2.	<p>Eligibility for admission to Ph.D. programmes in different disciplines is summarized in Annexure-I. This may be reviewed from time to time by the concerned department/centre and approved by the Senate.</p> <p>Note: The recommendations of SRC in respect of a research student are to be made on prescribed proforma available in the office of concerned department / centre as well as Institute website.</p>	
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Additional Suggestions of Manish Shrikhande Committee which are not met in the existing Ph.D. Ordinances & Regulations

Suggestions from Faculty Colleagues

- Admission Process

- Prof. Prateek Jha: “JRFs under projects who register for PhD are eligible for 2 year institute assistantship after completion of the project. Is GATE qualification a mandatory criteria for availing that assistantship for engineering students not from CFTIs.” -- Eligibility for PhD admission is well defined and is independent of the source of financial support. The institute assistantship will be available if the candidate has been admitted to PhD programme.

- Prof. R.S. Mulik: “The requirement of 5 years of experience in case of sponsored candidates is too high. It is really difficult to cope with the course work after 5 years of gap. Request to cut it down to 2 years.” The committee is in favour of retaining 5 years of experience for bringing in adequate industrial experience to research programme. The IRC may deliberate further.

- Supervisor Allocation

Prof. Vipul Rastogi suggested that the allocation of supervisor at the time of admission is working well for the Physics department and should be continued.

Comparative Chart for Part-I of PhD Manual Suggested by Prof. Manish Shrikhande Committee

Part-I: ADMISSION PROCESS

Clause	Existing	Proposed
Preamble	<p>1. Ph.D. PROGRAMMES</p> <p>Keeping in view the long tradition of academic excellence, the following institutional goals have been laid for doctoral research:</p> <ul style="list-style-type: none"> * To develop deep and broad understanding of fundamentals and state of the art of knowledge in the chosen field through courses and self-study, * To develop synergy between creativity, innovation and the frontiers of knowledge in the chosen field of study, * To develop ability and skills to carry out independent research and development to face the challenges posed to mankind on specific problems, and * To develop abilities to identify new possibilities in the given Indian social context and to undertake research and development through one's own initiatives. <p>The Degree of Doctor of philosophy is granted for research work in areas recognised by the Academic Departments of the Institute. The research work shall be an original work characterized either by the discovery of facts, or by a fresh approach towards the interpretation and application of facts, or development of equipment making a distinct advancement in instrument technology. It shall evince the candidate's capacity for critical examination and sound judgement and shall represent original contribution to the existing knowledge. The Institute is also recognised as one of the centres in the country for Ph.D. programmes under QIP.</p> <p>Facilities for enrolling for the Ph.D. programme as a part time candidate are also available.</p>	<p>A.0 Preamble</p> <p>A.1 Academic Session</p> <p>The academic session of the Institute is divided into two semesters. The first semester will normally commence in the month of July (Autumn semester), and the second in the month of January (Spring semester) every year.</p> <p>PhD students with institute assistantships are admitted twice a year in Autumn and Spring semesters. In addition, departments/centres may process applications throughout the year for admissions to Ph.D. programmes for candidates joining through different funding schemes.</p>

	<p>2. ADMISSION CATEGORIES</p> <p>The applicant for admission to the Ph.D. programme shall be classified under any one of the following categories which will be decided and recommended by DRC/CRC.</p> <p>(I) Full-time Research student/Candidate</p> <ol style="list-style-type: none"> Research student/Candidate getting Institute assistantship. Research student/Candidate including foreign nationals getting financial support from Govt. / Semi Govt. agencies (QIP, CSIR, UGC, NET, DAE, DST, DBT, NBHM, ICCR, ICAR, ICMR, GPAT, NDF, INSPIRE etc.) Research student/Candidate including foreign nationals supported by a sponsoring organization, the applicant (Sponsored Research Student/ Candidate) having TWO years experience out of which at least ONE year experience with the sponsoring agency at the time of registration for Ph.D Programme. Research student / Candidate working regularly full-time in an R&D project in the institute. The project must have tenure of at least next 1½ years at the time of admission. His/her Ph.D. topic shall confirm to the project as certified by the SRC. <p>II) Part-time Research Student/ Candidate:</p> <ol style="list-style-type: none"> Research student/Candidate working as a regular employee in the Institute Research student/Candidate working in other organizations / institutes, approved by IIT Roorkee as Research Centre or having MoU for research purposes. 	<p>A.2 Admission Categories</p> <p>A.2.1 Full-time Research student/ Candidate</p> <ol style="list-style-type: none"> Prime Minister's Research Fellowship (PMRF); Institute Assistantship (IA); Externally Funded Schemes (EFS); Sponsored Research Scholars (SRS) with minimum fiveTWO years experience in a Government/Semi-Government organization/Public Sector Undertaking; AICTE recognized educational institution or an organization with annual turnover of more than Rs. FiveTwenty Crores. This category refers to persons who are released on study leave for a period of not less than threetwo years for pursuing Ph.D. programme; Foreign Research Scholars (FRS) admitted as per Institute and Government policies; Project Research Scholar (PRS) working full time in a sponsored project at IIT Roorkee and fulfilling the minimum eligibility criteria as laid out in the next section. The Ph.D. topic shall conform to the project as certified by the SRC. The project must have remaining tenure of at least next one and a half years 12 months at the time of registration admission. After completion of the project duration, the candidate will be supported by the Institute Assistantship (over and above the sanctioned Assistantships). <p>A.2.2 Part-time Research Scholars (PTS):</p> <ol style="list-style-type: none"> Regular employee in the Institute with at least 5 2 years experience; Candidate with at least five years experience and working as regular employee in other organizations/institutes, approved by IIT Roorkee as Research Centre or having MoU for research purposes as regular employee. Same as SRS above
	<p>3. ADMISSION ELIGIBILITY</p> <ol style="list-style-type: none"> An applicant belonging to the above admission categories 	<p>A.3 Eligibility for Admission and Reservation of Seats</p> <p>The eligibility conditions given below are the absolute minimum.</p>

<p>should possess the following qualifications in appropriate areas to be eligible to apply for admission for the Ph.D. programme of the Institute.</p> <p>a) Masters degree or equivalent in respective discipline with a minimum Cumulative Grade Point Average (CGPA) of 6.00 on a 10 point scale or equivalent as determined by the Institute wherever letter grades are awarded; or 60% marks in aggregate (of all the years/semesters) where marks are awarded, for the GENERAL (UR) category and qualified national level graduate entrance test: GATE/UGC-NET/CSIR-NET or equivalent or holding a national level fellowship. The condition for national level graduate admission test is not applicable to sponsored full-time and part-time research candidates.</p> <p>Candidates with postgraduate degree in professional courses can be admitted with institute assistantship. The condition of GATE/NET qualification is not mandatory.</p> <p style="text-align: center;">OR</p> <p>b) B.Tech. / B.Arch. degree or equivalent in respective discipline from CFTIs with excellent academic record (with a minimum CGPA of 7.00 on a 10 point scale or 70% marks) with GATE.</p> <p>Graduates from the IITs getting a CGPA score of 8.00 or above (on scale of 10) would be entitled to the assistantship without having to appear in GATE.</p> <p style="text-align: center;">OR</p> <p>The candidates pursuing master's programs in Engineering or Architecture from IIT Roorkee having CGPA of at least 8.50 on a 10 point scale (after first year/ completing all courses) shall have a choice of internal lateral entry in to Ph.D. programme after</p>	<p>Departments/Centres may prescribe any requirements over and above these. Reservation is applicable as per extant policies of the Government of India and prescribed by the Board of Governors. The number of admissions in a semester/year shall be as decided by the Senate.</p> <p>A.3.1 Minimum Grade/Score in Qualifying Degree</p> <ol style="list-style-type: none"> 1. Master's degree or equivalent in respective discipline with a minimum Cumulative Grade Point Average (CGPA) of 6.0 on a 10 point scale, or 60% marks in aggregate (of all the years/semesters) where marks are awarded, for the GENERAL (UR) category. The candidates with master's degree in science/arts/commerce must either have a valid GATE/CEED/CAT/GMAT/CLAT? score or must have qualified for/in JRF/NET. For admission to the Ph.D. programmes in sciences and HSS, the candidates from any background either must have a valid GATE score or must have qualified JRF (NET in the case of Ph.D. programmes in HSS). The requirement of having qualified national level test/fellowship is not mandatory for post graduates with professional degree or sponsored full-time and part-time candidates. 2. B.Tech./B.Arch. degree or equivalent in respective disciplinewith excellent academic record (with a minimum CGPA of 7.50 on a 10 point scale or 75% marks in aggregate of all the years/semesters) with valid GATE score. From graduates from Centrally Funded Technical Institutes (CFTIs), the minimum CGPA requirement is 7.0 on 10 point scale or 70% marks in aggregate of all the years/semesters with a valid GATE score. The condition of national level test/fellowship is not applicable to sponsored full-time and part-time candidates. 3. Graduates from IITs with CGPA more than 8.0 on a 10 point scale are exempted from the requirement of a GATE score. 4. The candidates pursuing Master's programs in Engineering or Architecture/MURP from IIT Roorkee having CGPA of at least 8.50 on a 10 point scale (after first year/ completing all courses)
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<p>completing all requirements of the first two semesters of first year of the Master's programme.</p> <p>2. The admission eligibility requirements may be relaxed to 5.5 on a 10 point scale or equivalent, or to 55% marks to the following categories:</p> <p>a. SC/ST candidates with Master's degree or equivalent degree.</p> <p>b. Any category of PD (Persons with different abilities) candidate holding Master's degree or equivalent degree.</p> <p>Note: Candidates belonging to OBC category must submit a copy of category certificate as per GOI, the format of the same is also available on the Institute website, OBC Non-creamy layer certificate should have been issued after 31.03.2017 by a competent authority.</p> <p>1. Eligibility for Part-time Ph.D.</p> <p>a) The applicant possesses the minimum entry qualifications for the degree as given;</p> <p>b) The applicant proves that his official duties permit him to devote sufficient time to research;</p> <p>c) He / She will be required to reside at the Institute for a period till he/she is admitted for candidacy. (This condition of minimum residency period will be automatically waived for candidates who are working in Roorkee or in Organizations / Institutions located within a distance of 100 km from the Institute).</p> <p>d) The facility of part time registration will also be available to all employees of the IIT Roorkee or candidates working in organizations having MoU with IITR or organizations approved by IIT Roorkee as Research Centres. Such applicants are exempted from the requirement of having GATE/NET/GPAT.</p>	<p>shall have a choice of internal lateral entry to PhD programme after completing all requirements of the first two semesters of first year of the Master's programme.</p> <p>5. Indian nationals with Master's degree in Engineering/Science from overseas Universities (UG 4 years + PG 2 years or more / Integrated Master's (5 years)), having cleared GATE/NET or equivalent test, if the Master's degree is not in a professional course.</p> <p>The admission eligibility requirements may be relaxed to 5.50 on a 10 point scale or equivalent or to 55% marks in aggregate (of all the years/semesters) for SC/ST or PwD (Persons with Different abilities) candidates with Master's degree.</p> <p>The candidates working in Institute/University awarding Ph.D degree itself are not eligible for admission as part-time or full-time candidate, except for Quality Improvement Programme (QIP) candidates.</p> <p>A.3.2 Additional Criteria for Project Fellows:</p> <p>The candidate seeking admission to PhD programme as project fellow (JRF/SRF) either as full-time or part-time research scholar, shall be allowed to register for Ph.D immediately after joining the project position if the candidate is selected through the specified selection procedure. The candidate shall register with the Principal Investigator (PI) / Co-PI as supervisor. If the project fellow wishes to switch over to the institute assistance, he/she will have to appear for regular PhD selection conditional on securing a 'No-Objection Certificate' from the PI. These candidates are also eligible for institute assistantship for a maximum period of two years once their project is completed. The candidate has to apply for the institute assistantship through SRC.</p> <p>A.3.3 Criteria for Candidates with Fellowships through rolling advertisement (UGC/CSIR/DBT/DST/ICMR, etc.):</p> <p>The result of fellowship should have been declared after the deadline of advertisement of PhD admissions with institute assistantships in</p>
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<p>e) The applicants must have been in continuous service with the sponsoring organization for at least two years at the time of registration for admission.</p> <p>f) The candidates working in Institute/ University awarding Ph.D degree itself are not eligible for admission as part-time or full-time candidate, if facilities are not available except QIP candidates.</p> <p>2. Employee seeking admission to the Ph.D. programme with minimum of two years service in an organization or confirmed regular employee shall submit 'No Objection Certificate' from the employer to the effect that the duties allotted by the employer will allow the required time for this pursuit.</p> <p>3. The candidate seeking admission to Ph.D. programme as project fellow (JRF/SRF) either as full-time or part-time research scholar, shall be allowed to register for Ph.D. in the beginning of the next semester, if the candidate is selected in project as project fellow through proper selection, i.e, proper advertisement of project fellowship and selection by the committee constituted as per Institute rules. The candidate shall register with the PI as supervisor.</p> <p>If the candidate is not selected in project through proper advertisement or the candidate wants to switch over to Institute assistance, he/she has to appear for Ph.D selection along with other candidates provided he/she has 'No-Objection Certificate' from the PI.</p> <p>The project fellows shall be allowed to register for Ph.D. only if the remaining period of the project is at least 1½ years at the time of admission. These candidates are also eligible for Institute assistantship for a maximum period of TWO years once their project is completed provided the essential qualifications for Institute assistantships are met.</p>	<p>Autumn/Spring semester. These candidates can apply only once through the rolling advertisement. If the candidate wishes to apply more than once he/she may apply through the regular advertisement.</p> <p>A.3.4 Criteria for Prime Minister's Research Fellowship: PMRF selection will be done as per the guidelines given by MHRD. More details are available at https://pmrf.in</p> <p>The applicants for the PMRF should:</p> <ol style="list-style-type: none"> 1. have completed or be pursuing the final year of four (or five) year undergraduate or five year integrated M.Tech or five year integrated M.Sc. or five year undergraduate postgraduate dual degree programs in Science and Technology streams from IISc/IITs/NITs/IISERs and centrally funded IITs; 2. have secured at least CGPA/CPI of 8.0 (in scale of 10.0). For applicants in five year integrated or dual degree programs if separate CGPAs/CPIs are awarded for UG and PG parts of the program then the CGPA/CPI of UG part (first four year) will be considered; 3. have completed the required academic qualification in the last five years. <p>Merely satisfying the eligibility requirement does not guarantee admission. Final selection for admission of applicants will be done following a rigorous selection process. Details are available at https://pmrf.in</p> <p>A.3.5 Additional Criteria for Foreign Nationals: Foreign candidates seeking admission with institute assistantship should fulfil the following:</p> <ol style="list-style-type: none"> Candidates holding Master's degree in Engineering/Science (UG 4 years + PG 2 years or more / Integrated Master's (5 years)) from an Indian university/institute should have cleared GATE/NET/CAT or equivalent test if the Master's degree is not in a professional course. Candidates (other than SAARC countries) holding Master's
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	<p>The candidate has to apply for Institute assistantship through SRC.</p>	<p>degree in Engineering/Science (UG 4 years + PG 2 years or more /Integrated Master's (5 years)) from an overseas university/institute with English proficiency is desirable should have a valid GRE/GMAT score.</p> <p>The applications of foreign nationals, who are sponsored by the Indian Council of Cultural Relations (ICCR) will be scrutinized by the Departments/Centres concerned to assess their suitability for admission to the programme. The Department/Centre's recommendation will be sent to the academic office through the Chairman, DRC. Interviews if required can be conducted through video conferencing.</p> <p>The candidates from SAARC countries shall be treated at par with Indian nationals (general category).</p> <p>All international applicants whose native language is not English must submit an official Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS) score.</p> <p>A.3.6 Additional Criteria for Candidates with Degree in Medicine:</p> <ol style="list-style-type: none"> 1. Candidates with MBBS/MDS degree from Indian university/institute should have a minimum CGPA of 6.0 on 10 point scale, or 60% in the qualifying degree and are exempted from the GATE/ CSIR/ JRF/NET requirement. 2. Candidates with MS/MD degree from Indian university/ institute are exempted from a CGPA requirement and also exempted from the GATE/ CSIR/ JRF/NET requirement. 3. Candidates with MBBS degree from an overseas university/institute should have a minimum CGPA of 6.0 on 10 point scale, or 60% in the qualifying degree and should have qualified the Foreign Medical Graduate Examination as required by National Board of Examination/ Medical Council of India.
	<p>R.1 Admission to PhD Programme</p>	<p>A.4 Admission Procedure</p>

<p>Regular Admission: Admission to Ph.D. Programmes shall be made on the basis of regular advertisement for the Spring Semester and Autumn Semester.</p> <p>Admission on Rolling Basis: Admission to Ph.D. Programmes shall be made on rolling basis.</p> <p>Admission under Prime Minister Fellowship Programme (PMRF): Admission to Ph.D. shall also be made under PMRF Scheme.</p> <p>Note: Policy / selection guidelines, the eligibility criteria and other terms & conditions for admission shall be defined (in the information brochure) in line with policy / guidelines laid down by the Council / Government of India and decision of the Senate.</p>	<p>A.4.1 Procedure Admission to the Ph.D. programmes will be based on written tests and/or interviews of the candidates shortlisted by the DRC/CRC of the department/centre concerned. The criteria for shortlisting of candidates will be decided by the concerned department/centre subject to the minimum specified above.</p> <p>The academic section will issue the admission letters to the candidates who will be required to accept the offer of admission by depositing the prescribed fee before the specified date. The selected candidates who have completed all requirements of qualifying degree for admission to PhD programme before the date of registration but are unable to produce the certificate in proof of having passed and secured the minimum specified qualifying marks, may be considered for provisional admission. However, if admitted provisionally, they will be required to produce the evidence of their having passed the qualifying degree examination with minimum specified marks by the last date for document submission as specified in the academic calendar (usually about 8 weeks from the date of registration), failing which the admission and registration may be cancelled.</p> <p>In case a candidate does not accept the offer by paying the prescribed fee by the specified date, the offer of admission shall stand withdrawn. The seat may be offered to the candidate in the waiting list, if any, in the order of merit. The selected candidates who have accepted the offer but are unable to join the programme by the specified date may request the Dean Academic Affairs for extension.</p> <p>The thesis supervisor shall be finalized by the DRC on the basis of stated preferences of a candidate.</p> <p>A.4.2 Admission of PhD candidates under Quality Improvement Programme These admissions shall be governed by QIP norms.</p>
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		<p>A.5 Selection for PhD Programme The procedure for shortlisting and selection of candidates to PhD programme shall be decided by the respective department/centre. The list of selected candidates, in the order of merit (with provision for waitlisted candidates), shall be sent to the Dean Academic Affairs by the department/centre within two working days of the date of interview. The list of selected candidates shall be notified by the office of Dean Academic Affairs.</p>
	<p>R.2.2 Appointment of Supervisor During the admission process, faculty members who do not have Ph.D scholar under MHRD fellowship working under their supervision, shall be given the highest priority to facilitate reasonable uniform distribution of MHRD scholars amongst the faculty members of Departments/Centres.</p> <p>The candidates are required to give their choice for supervisors based on his/her area of interest and supervisor is allocated to him/her at the</p>	<p>A.6 Thesis Supervisor The list of selected candidates shall be uploaded on the institute web page by the office of Dean Academic Affairs within a day of receiving the information from departments/centres. The selected candidates shall fill their preferences for thesis supervisor on the link provided on the web page and confirm their acceptance of the offer of admission to PhD programme by depositing the requisite fees within the stipulated period, failing which the offer of admission will stand withdrawn and the candidate on the waiting list shall be offered the admission to PhD programme.</p>

	<p>time of recommending the candidates for admission. The candidates shall be informed about the supervisor allocated in the admission letter. The candidates shall have to work with the supervisor allocated.</p> <p>Only one MHRD scholar shall be taken by a faculty in a semester, in general. In case, if the faculty member wants to take another MHRD scholar in a semester, no-objection from other faculty members of the concerned academic group is required.</p>	
	<p>R.12 Financial Assistance (Institutional Assistantship)</p> <p>a) Those students who are admitted on full-time basis are considered for the award of Institutional MHRD Assistantship of the amount as decided by the Government of India from time to time, under specified terms and conditions.</p> <p>b) The students getting Institute MHRD Assistantship will provide 8-10 hours of assistance per week in teaching, laboratory development, and research.</p> <p>c) The total number of MHRD assistantships in a department will be as decided by the institute from time to time.</p> <p>The maximum duration for which assistantship can be awarded to any Ph.D. research student is 4 years for MHRD and UGC/CSIR fellows or till the end of the semester in which the thesis is submitted, whichever is earlier. Continuation of the fellowship is contingent on satisfactory academic and research performance and satisfactory performance in the discharge of responsibilities for assistance assigned under the scheme.</p> <p>IITR Assistantship to research scholars may be extended up to the viva-voce Examination on the recommendation of supervisor. This is subject to their registration in those semester(s). However, in any case, the assistantship cannot be given beyond five years as per the guidelines of MHRD.</p>	<p>A.5 Financial Assistance</p> <p>The Institute may provide financial assistance in the form of teaching or research assistantships (referred to as Institute Assistantship). Assistantships are awarded on a semester to semester basis for a period of up to five years for PhD students. The stipend for the assistantship is paid at the approved rates as decided by the Government of India from time to time.</p> <p>A student is expected to devote up to eight to ten hours per week towards job(s) assigned to him/her. The renewal of assistantship is contingent on the student's satisfactory performance in the academic programme and in the discharge of assistantship duties.</p> <p>Project fellows may be offered institute assistantship after the expiry of project funding for a maximum cumulative period of five years (project funding + institute assistantship) in PhD programme. These assistantships will be over and above any limit/quota of institute assistantships for Departments/Centres.</p> <p>Financial assistance will not be available from the institute to candidates who are recipients of the fellowship awards from UGC/CSIR/DST/ICMR/DBT, etc.</p> <p>Tuition fee waivers may be available as per the Government of India guidelines.</p>

	<p>MHRD or UGC/CSIR fellowship can be given to the students in the 5th year provided the SRC or the three member assessment committee respectively strongly recommends with a justification for fellowship after the candidate delivers a seminar before the committee, to show progress. The committee has to specify the date beyond 4th year upto which fellowship can be given.</p> <p>It is to be noted that admission to the Programmes and award of assistantship are not linked. Admission to any programme does not guarantee the award of fellowship/ assistantship. Those who are not awarded assistantship can continue with the programmes as a self financing student.</p> <p>R.13 Tuition Fee Waiver to PhD Students Tuition Fee Waivers is given to research students/ candidates following the policy of the Government of India, Ministry of Human Resource Department.</p>	
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UNDER ANY OTHER ITEMS:

मुद्दा सं० / Item No.	विवरण / Particulars	पृष्ठ / Page(s)
75.7	To consider the change in the existing rule for short-listing candidates for PhD admission.	163
75.8	To consider the modified program structure and syllabi of the courses of M. Tech. (Communication Systems) of the Department of Electronics and Communication Engineering.	164-192

Item No. 75.7: To consider the change in the existing rule for short-listing candidates for PhD admission

IRC in its 23rd meeting held on 28.09.2018 discussed the short-listing criteria as approved by the Senate vide Item No. 60.23 wherein the short-listing is based on combination of UG and PG marks. The IRC recommended that the short-listing criteria should be decided by the department/centre by using either UG marks, PG marks or national level tests, or a combination of these.

The recommendation of the IRC is placed before the Senate for consideration and approval.

Item No. 75.8: To consider the modified program structure and syllabi of the courses of M. Tech. (Communication Systems) of the Department of Electronics and Communication Engineering.

The IAPC in its 65th meeting held on Sep 27,2018, recommended the revised structure and syllabi of M.Tech. (Communication System) of the Department of Electronics and Communication **(Appendix 'A')**.

The recommendation of the IAPC is placed before the Senate for consideration and approval.

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
Department of Electronics & Communication Engineering

Dated: September 18, 2018

To

Dean of Academic Affairs
IIT Roorkee

Sub: Revised M.Tech. (Communication Systems) course structure and syllabi.

In view of the observation of the Senate in its 74th meeting held on 14th August 2018, and the subsequent decision of the Senate (Item No. 74.10 in the minutes of the said Senate meeting), I am sending herewith the revised course structure for M.Tech. (Communication Systems) along with the syllabi of the newly proposed courses to be offered by the Communication Systems group of the Department. Kindly note the following changes made to the earlier submitted course structure:

1. Earlier proposed 3 Elective (PEC) courses in the first semester are now changed to Core (PCC) courses so as to conform to the minimum required PCC courses/credits.
2. Accordingly, the three courses ECN-512, ECN-513 and ECN-515 are now removed from the list of elective courses and the 'Subject Area' in the syllabi of these courses are changed to PCC.
3. The Elective course ECN-514, which was earlier proposed to be run in Autumn, is now proposed to be run in Spring (since Elective courses are now offered only in the second semester). Corresponding change in 'Semester' in the syllabus of ECN-514 has been made.

This is for the consideration and approval by the IAPC and the Senate. With best regards.


18.09.2018

(DEBASHIS GHOSH)

Professor & Head

प्रोफेसर एवं विभागाध्यक्ष/Prof. & Head
इलेक्ट्रॉनिक्स एवं संचार इंजी. विभाग
Dept. of Electronics & Communication Engg.
भा. प्रो. रं. रुड़की/I.I.T. Roorkee

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

M.Tech. (Communication Systems)

Teaching Scheme					Contact Hours/Week			Exam Duration		Relative Weight (%)				
S. No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical	CWS	PRS	MTE	ETE	PRE
1st YEAR					Semester- I (Autumn)									
1.	ECN-510	Digital Communication Laboratory	PCC	2	0	0	3	0	3	-	40-60	-	-	40-60
2.	ECN-511	Linear Algebra and Random Processes	PCC	4	3	1	0	3	0	20-35	-	20-30	40-50	-
3.	ECN-512	Advanced Digital Communication	PCC	4	3	1	0	3	0	20-35	-	20-30	40-50	-
4.	ECN-513	Multirate Digital Signal Processing	PCC	4	3	1	0	3	0	20-35	-	20-30	40-50	-
5.	ECN-515	Information and Coding Theory	PCC	4	3	1	0	3	0	20-35	-	20-30	40-50	-
		Total		18	12	4	3							
					Semester-II (Spring)									
1.	ECN-600	Project	PCC	2	0	0	3	0	0	-	100	-	-	-
2.	ECN-700	Seminar	SEM	2	-	-	-	-	-	-	-	-	100	-
3.		ELECTIVE - I	PEC	3 / 4	3									
4.		ELECTIVE - II	PEC	3 / 4	3									
5.		ELECTIVE - III	PEC	4	3									
6.		ELECTIVE - IV	PEC	4	3									
		Total		18- 20	12									

2 nd YEAR		Semester- I (Autumn)												
1.	ECN-701A	Dissertation Stage-I (to be continued next semester)	DIS	12	-	-	-	-	-	-	-	-	100	-
		Total		12										
Note: Students can take 1 or 2 audit courses as advised by the supervisor, if required.														
Semester-II (Spring)														
1.	ECN-701B	Dissertation Stage-II (contd. from III semester)	DIS	18	-	-	-	-	-	-	-	-	100	-
		Total		18										
		Total Credits		66 - 68										

Program Elective Courses (Communication Systems)

Teaching Scheme					Contact Hours/Week			Exam Duration		Relative Weight (%)				
S. No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical	CWS	PRS	MTE	ETE	PRE
1.	ECN-514	Detection and Estimation Theory	PEC	4	3	1	0	3	0	20-35	-	20-30	40-50	-
2.	ECN-611	Wireless Communication Systems	PEC	4	3	1	0	3	0	20-35	-	20-30	40-50	-
3.	ECN-612	Wireless Networks	PEC	4	3	1	0	3	0	20-35	-	20-30	40-50	-
4.	ECN-613	Telecommunication Networks	PEC	4	3	1	0	3	0	20-35	-	20-30	40-50	-
5.	ECN-614	Adaptive Signal Processing Techniques	PEC	4	3	0	2	3	0	10-15	10-20	20-30	40-50	-
6.	ECN-615	Advanced Coding Theory	PEC	4	3	0	2	3	0	10-15	10-20	20-30	40-50	-
7.	ECN-616	Speech and Audio Processing	PEC	4	3	0	2	3	0	10-15	10-20	20-30	40-50	-
8.	ECN-617	Image Processing and Computer Vision	PEC	4	3	0	2	3	0	10-15	10-20	20-30	40-50	-
9.	ECN-531	Microwave Engineering*	PEC	3	3	0	0	3	0	20-35	-	20-30	40-50	-
10.	ECN-539	Fiber Optic Systems*	PEC	3	3	0	0	3	0	20-35	-	20-30	40-50	-
11.	ECN-550	Radar Signal Processing*	PEC	4	3	1	0	3	0	20-35	-	20-30	40-50	-
12.	ECN-555	Microwave Imaging*	PEC	3	3	0	0	3	0	20-35	-	20-30	40-50	-
13.	ECN-573	Digital VLSI Circuit Design*	PEC	3	3	0	0	3	0	20-35	-	20-30	40-50	-
14.	ECN-594	VLSI Digital Signal Processing*	PEC	4	3	1	0	3	0	20-35	-	20-30	40-50	-
15.	ECN-631	RF Receiver Design*	PEC	3	3	0	0	3	0	20-35	-	20-30	40-50	-

* Courses offered from other specialization groups of the ECE Department.

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

NAME OF DEPTT./CENTRE: **Electronics & Communication Engineering**

1. Subject Code: **ECN- 511** Course Title: **Linear Algebra and Random Processes**

2. Contact Hours: **L: 3 T: 1 P: 0**

3. Examination Duration (Hrs.): **Theory: 3 Practical: 0**

4. Relative Weight: **CWS: 20-35 PRS: 0 MTE:20-30 ETE:40-50 PRE: 0**

5. Credits: **4** 6. Semester: **Autumn** 7. Subject Area: **PCC**

8. Pre-requisite: **Nil.**

9. Objective: To introduce the students to the theory and applications of linear algebra, random variables and random processes.

10. Details of Course:

S. No.	Contents	Contact Hours
1.	Vector spaces, subspaces, bases and dimensions, linear dependence and independence, vector products, orthogonal bases and orthogonal projections, Gram-Schmidt orthonormalization procedure	10
2.	Linear operators and Matrices: Eigen values and Eigen vectors, characteristic polynomial, diagonalization, Hermitian and unitary matrices, singular value decomposition	10
3.	Discrete and continuous random variables: distribution and density functions, conditional distributions and expectations, functions of random variables, moments, sequence of random variables	10
4.	Random process: Probabilistic structure; Mean, autocorrelation and auto-covariance functions; Strict-sense and wide-sense stationary processes; Power spectral density; LTI systems with WSS process as the input; Examples of random processes – white noise, Gaussian, Poisson and Markov Processes	12
	Total	42

11. Suggested Books:

S. No.	Name of Books / Authors	Year of Publication
1.	S.Axler, "Linear Algebra Done Right", 3 rd Edn., Springer International Publishing.	2015
2.	G.Strang, "Linear Algebra and Its Applications", 4 th Edn., Cengage Learning.	2007
3.	K.M. Hoffman and R. Kunze, "Linear Algebra", 2 nd Edn.,Prentice Hall India.	2015
4.	A. Papoulis and S. Pillai, "Probability, Random Variables and Stochastic Processes", 4 th Edn., McGraw Hill.	2017
5.	H. Stark and J.W. Woods, "Probability and Random Processes with Applications to Signal Processing", 3 rd Edn., Pearson India.	2001
6.	A. Leon-Garcia, "Probability, Statistics and Random Processes for Electrical Engineers", 3 rd Edn.,Prentice Hall India.	2008

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

NAME OF DEPTT./CENTRE: **Electronics & Communication Engineering**

1. Subject Code: **ECN- 512** Course Title: **Advanced Digital Communication**

2. Contact Hours: **L: 3 T: 1 P: 0**

3. Examination Duration (Hrs.): **Theory: 3 Practical: 0**

4. Relative Weight: **CWS: 20-35 PRS: 0 MTE:20-30 ETE:40-50 PRE: 0**

5. Credits: **4** 6. Semester: **Autumn** 7. Subject Area: **PCC**

8. Pre-requisite: Nil.

9. Objective: To introduce the students to the principles, techniques and applications of digital communication.

10. Details of Course:

S. No.	Contents	Contact Hours
1.	Characterization of Band-Pass signals, lowpass equivalent of bandpass signals, energy consideration, lowpass equivalent of bandpass system; Signal-space concepts, orthogonal expansion of signals	4
2.	Linear modulation, orthogonal and biorthogonal modulation, differential modulation, nonlinear modulation; phase modulation, quadrature amplitude modulation, continuous-phase modulation	10
3.	Hypothesis testing; Optimal reception in AWGN; Performance analysis; optimum detection and error probability for band-limited signaling; optimum detection and error probability for energy-limited signaling	8
4.	Synchronization and non-coherent communication; signal parameter estimation, carrier phase estimation, symbol timing estimation; non-coherent detection of carrier modulated signals	6
5.	Band-limited channels; Inter-Symbol Interference (ISI); characterization of band-limited channels, signal design for band-limited channels	4
6.	Channel equalization: optimum maximum-likelihood estimation, maximum-likelihood sequence estimation; linear equalization, MSE equalizer; decision feedback equalization, coefficient optimization, predictive decision feedback equalization	10
	Total	42

11. Suggested Books:

S. No.	Name of Books / Authors	Year of Publication
1.	U. Madhow, "Fundamentals of Digital Communication", Cambridge University Press.	2008
2.	R.G. Gallager, "Principles of Digital Communication", Cambridge University Press.	2008
3.	J.G. Proakis and M. Salehi, "Digital Communications", 5 th Edn., McGraw-Hill.	2008
4.	S. Hykin, "An Introduction to Analog & Digital Communication", 4 th Edn., Wiley	2012
5.	B. Ekman, "Handbook of Digital Communication", NY Research Press	2015

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

NAME OF DEPTT./CENTRE: **Electronics & Communication Engineering**

1. Subject Code: **ECN- 513** Course Title: **Multirate Digital Signal Processing**

2. Contact Hours: **L: 3 T: 1 P: 0**

3. Examination Duration (Hrs.): **Theory: 3 Practical: 0**

4. Relative Weight: **CWS: 20-35 PRS: 0 MTE:20-30 ETE:40-50 PRE: 0**

5. Credits: **4** 6. Semester: **Autumn** 7. Subject Area: **PCC**

8. Pre-requisite: Digital Signal Processing.

9. Objective: To introduce the students to the principles, techniques and applications of digital signal processing, specifically multi-rate signal processing.

10. Details of Course:

S. No.	Contents	Contact Hours
1.	Review of DSP concepts: Discrete-time Fourier transform (DTFT), discrete Fourier transform (DFT), and fast Fourier transform (FFT); Karhunen-Loeve transform (KLT), discrete cosine transform (DCT); Digital filter structures, FIR, IIR and their implementation	8
2.	Fundamentals of multirate systems: Sampling and resampling in time and frequency domains, interpolation (up-sampling), down-sampling, arbitrary sample-rate conversion, Multistage implementation of sampling rate conversion; Sampling rate conversion of bandpass signals	10
3.	Multirate processing using Filter-banks: Noble identities; Type-1 and Type-2 polyphase representations, poly-phase filter structures, Uniform DFT filter bank, Half-band filters, Quadrature mirror filters and variations thereof	10
4.	Wavelet transform and its relation to multirate filter banks, Relating dyadic MRA to filter banks, two-band filter bank design for dyadic wavelets; Examples of application of wavelet transform, Orthogonal and biorthogonal wavelets; Sub-band coding	10
5.	Applications of multirate systems: Audio signal processing; Image signal processing; Base-band signal processing	4
	Total	42

11. Suggested Books:

S. No.	Name of Books / Authors	Year of Publication
1.	J.G. Proakis, "Digital Signal Processing: Principles, Algorithms and Applications", 4 th Edn., Pearson.	2007
2.	A.V. Oppenheim and R.W. Schaffer, "Discrete-Time Signal Processing", 3 rd Edn., Pearson.	2009
3.	P.P. Vaidyanathan, "Multirate Systems And Filter Banks", Prentice Hall.	1992
4.	F.J. Harris, "Multirate Signal Processing for Communication Systems: Current Practice and Next Generation Techniques", 2 nd Edn., Prentice Hall.	2009
5.	V.M. Gadre and A.S. Abhivankar, "Multiresolution and Multirate Signal Processing – Introduction, Principles and Applications", Mc-Graw Hill.	2017

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

NAME OF DEPTT./CENTRE: **Electronics & Communication Engineering**

1. Subject Code: **ECN- 514** Course Title: **Detection and Estimation Theory**

2. Contact Hours: **L: 3 T: 1 P: 0**

3. Examination Duration (Hrs.): **Theory: 3 Practical: 0**

4. Relative Weight: **CWS: 20-35 PRS: 0 MTE:20-30 ETE:40-50 PRE: 0**

5. Credits: **4** 6. Semester: **Spring** 7. Subject Area: **PEC**

8. Pre-requisite: **Nil**

9. Objective: To acquaint the students of Communication Engineering with the knowledge of how to use the tools of probability and signal processing to estimate signals and parameters and detect events from data.

10. Details of Course:

S. No.	Contents	Contact Hours
1.	Introduction to detection and estimation problem in signal processing and communication	2
2.	Estimation in signal processing; Sufficient statistic, Bias; Minimum variance unbiased estimator; Cramer-Rao lower bound; Best linear unbiased estimator; Maximum likelihood estimation (MLE)	9
3.	Bayesian Estimation – Minimum mean square-error (MMSE) estimators, Maximum a-posteriori (MAP) estimators; Linear MMSE estimation, Linear estimation of signals, Weiner filtering; Kalman filtering – Kalman estimation and tracking	9
4.	Detection theory in signal processing; Hypothesis test – Bayesian, Minimax Neyman-Pearson and composite hypothesis testing; Receiver operating characteristics	8
5.	Detection of deterministic signals with known parameters in Gaussian noise, Matched filters; Detection of random signals with known characteristics, Estimator-correlator; Detection of deterministic signals with unknown parameters, Bayesian approach and generalized likelihood ratio test (GLRT); Detection of random signals with unknown parameters; Expectation maximization; Hidden Markov Model (HMM)	12

6.	Applications of detection and estimation in signal processing and communication – biomedicine, communications, radar, sonar, etc	2
	Total	42

11. Suggested Books:

S. No.	Name of Books / Authors	Year of Publication
1.	S.M. Kay, “Fundamentals of Statistical Signal Processing – Estimation Theory (vol. 1)”, Prentice Hall.	2009
2.	S.M. Kay, “Fundamentals of Statistical Signal Processing – Detection Theory (vol. 2)”, Prentice Hall.	2009
3.	H.L. Van Trees, “Detection, Estimation and Modulation Theory”, Part I, Wiley Interscience.	2013
4.	H. Vincent Poor, “An Introduction to Signal Detection and Estimation”, 2 nd Edn., Springer.	1998
5.	K.S. Shanmugan and A.M. Breipohl, “Random Signals: Detection, Estimation and Data Analysis”, Wiley.	2010

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

NAME OF DEPTT./CENTRE: **Electronics & Communication Engineering**

1. Subject Code: **ECN- 515** Course Title: **Information and Coding Theory**

2. Contact Hours: **L: 3** **T: 1** **P: 0**

3. Examination Duration (Hrs.): **Theory: 3** **Practical: 0**

4. Relative Weight: **CWS: 20-35** **PRS: 0** **MTE:20-30** **ETE:40-50** **PRE: 0**

5. Credits: **4** 6. Semester: **Autumn** 7. Subject Area: **PCC**

8. Pre-requisite: Nil.

9. Objective: To acquaint the students of Communication Engineering with the knowledge of information theory, source coding for data compression and channel coding for error detection and correction.

10. Details of Course:

S. No.	Contents	Contact Hours
1.	Introduction to probability, uncertainty and information, entropy; Joint and conditional entropies, Mutual information	3
2.	Source coding theorems, Kraft-McMillan inequality, prefix code, variable and fixed length codes; Discrete memoryless channels, Binary symmetric channels (BSC), Capacity of a discrete channel; Channel coding theorem; Entropy for sources with memory, Markov sources	10
3.	Information measures for continuous random variables – Extensions of the discrete measures to the continuous case; Differential entropy, Entropy power, Mutual information, Distortion; Rate distortion function; Capacity for waveform channel, channel capacity theorem, Bandwidth efficiency, Shannon's Limit	9
4.	Source coding – Introduction to data compression, lossless and lossy compression, entropy coding; Huffman code, Shannon-Fano code, Arithmetic code, Run-length code, Lempel-Ziv code	10
5.	Channel coding – Error correcting codes, minimum distance principles, error detection and correction capabilities; Linear block code, Single parity check code, repetition code, Hamming code; Binary cyclic code; Convolutional code	10
	Total	42

11. Suggested Books:

S. No.	Name of Books / Authors	Year of Publication
1.	T.M. Cover and J.A. Thomas, "Elements of Information Theory", 2 nd Edn., Wiley Interscience.	2006
2.	R. Bose, "Information Theory, Coding and Cryptography", Tata McGraw-Hill.	2008
3.	K. Sayood, "Introduction to Data Compression", 5 th Edn.,Morgan Kaufmann.	2017
4.	S. Roman, "Coding and Information Theory", Springer.	1992
5.	R.E. Blahut, "Principles and Practice of Information Theory", Addison-Wesley Publishing Company.	1987

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

NAME OF DEPTT./CENTRE: **Electronics & Communication Engineering**

1. Subject Code: **ECN- 611** Course Title: **Wireless Communication Systems**

2. Contact Hours: L: **3** T: **1** P: **0**

3. Examination Duration (Hrs.): Theory: **3** Practical: **0**

4. Relative Weight: CWS: **20-35** PRS: **0** MTE: **20-30** ETE: **40-50** PRE: **0**

5. Credits: **4** 6. Semester: **Spring** 7. Subject Area: **PEC**

8. Pre-requisite: **Advanced Digital Communication, Information and Coding Theory.**

9. Objective: To acquaint the students with the concepts and the issues involved in the design of wireless communication systems.

10. Details of Course:

S. No.	Contents	Contact Hours
1.	Wireless channels: Physical modeling, input/output model, time and frequency coherence, statistical channel models	4
2.	Point-to-point communication: Detection in a Rayleigh fading channel, diversity techniques, channel uncertainty	6
3.	Cellular systems: Multiple access and interference management, narrow-band and wide-band systems	6
4.	Capacity of wireless channels, MIMO capacity, multiuser capacity, Uplink/Downlink AWGN and fading channels, multiuser diversity, opportunistic communication, relay communication	12
5.	OFDM and its application to wireless communication: Subcarrier mapping, synchronization, PAPR reduction techniques	6
6.	4G and 5G technology: System key components, different layers of OSI model, relay technology, applications and challenges	8
	Total	42

11. Suggested Books:

S. No.	Name of Books / Authors	Year of Publication
1.	D. Tse and P. Viswanath, "Fundamentals of Wireless Communication", Cambridge University Press.	2005
2.	Y. Li and G.L. Stuber, "Orthogonal Frequency Division Multiplexing for Wireless Communications", Springer.	2006
3.	Y.S. Cho, J. Kim, W.Y. Yang and C.G. Kang, "MIMO-OFDM Wireless Communications with MATLAB".	2010
4.	"5G Mobile and Wireless Communications Technology", A. Osseiran, J.F. Monserrat and P. Marsch (eds.), Cambridge University Press.	2016
5.	A. Goldsmith, "Wireless Communications", Cambridge University Press.	2012

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

NAME OF DEPTT./CENTRE: **Electronics & Communication Engineering**

1. Subject Code: **ECN- 612** Course Title: **Wireless Networks**

2. Contact Hours: **L: 3 T: 1 P: 0**

3. Examination Duration (Hrs.): **Theory: 3 Practical: 0**

4. Relative Weight: **CWS: 20-35 PRS: 0 MTE:20-30 ETE:40-50 PRE: 0**

5. Credits: **4** 6. Semester: **Spring** 7. Subject Area: **PEC**

8. Pre-requisite: Nil.

9. Objective: To acquaint the students with the concepts and the issues involved in the design of wireless networks.

10. Details of Course:

S. No.	Contents	Contact Hours
1.	Wireless network topologies, infrastructure and ad-hoc networks, different generations of wireless networks; The cellular concept and design fundamentals, coverage and capacity expansion techniques	5
2.	Fixed assignment and random access; Capacity and performance of FDMA, TDMA, DS/CDMA and FH/CDMA; WCDMA and OFDMA; Access techniques for WLAN, Bluetooth and mobile data networks; Quality of service enabled wireless access, access methods for integrated services	8
3.	Location and handoff management, classification of handoffs and handoff algorithms, mobile IP; Power control, and techniques of power control, power saving mechanisms, energy efficient designs; Security in wireless networks	8
4.	GSM: Reference architecture, registration, call establishment, handoff mechanisms, communication in the infrastructure, GPRS; IS-95: Reference architecture, physical layer, radio resource and mobility management; IMT 2000: Physical layer, handoff, power control; Introduction to cordless systems and wireless local loop technologies	7
5.	Reference and layered architecture of IEEE 802.11 WLANs, physical layer alternatives, MAC scheme and frame format, handoff and power management; Protocol architecture, physical and MAC layer of Hiperlan-1 and Hiperlan-2; IP telephony using WLANs	5

6.	Wireless home networking; HomeRF; Bluetooth: Protocol stack, physical and MAC layer	5
7.	Broadband wireless access and IEEE 802.16; Next generation broadband wireless networks and navigational services	4
	Total	42

11. Suggested Books:

S. No.	Name of Books / Authors	Year of Publication
1.	K. Pahalvan and P. Krishnamurthy, "Principles of Wireless Networks: A Unified Approach", Pearson Education.	2002
2.	W. Stallings, "Wireless Communications and Networking", 2 nd Edn., Pearson Education.	2009
3.	T.S. Rappaport, "Wireless Communications: Principles and Practice", 2 nd Edn., Pearson Education.	2002
4.	R. Prasad and L. Munoz, "WLANs and WPANs: Towards 4G Wireless", Artech House.	2003
5.	S. Haykin and M. Moher, "Modern Wireless Communication", Pearson Education.	2005
6.	R. Pandya, "Mobile and Personal Communication Systems and Services", Prentice-Hall of India.	2000
7.	M. Guizani, H.-H. Chen and C. Wang, "The Future of Wireless Networks: Architectures, Protocols, and Services", CRC Press.	2015

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

NAME OF DEPTT./CENTRE: **Electronics & Communication Engineering**

1. Subject Code: **ECN- 613** Course Title: **Telecommunication Networks**

2. Contact Hours: **L: 3 T: 1 P: 0**

3. Examination Duration (Hrs.): **Theory: 3 Practical: 0**

4. Relative Weight: **CWS: 20-35 PRS: 0 MTE:20-30 ETE:40-50 PRE: 0**

5. Credits: **4** 6. Semester: **Spring** 7. Subject Area: **PEC**

8. Pre-requisite: **Nil.**

9. Objective: To provide an in-depth study of communication networks with emphasis on development of analytical tools and quantitative performance evaluation.

10. Details of Course:

S. No.	Contents	Contact Hours
1.	Introduction to communication networks, network topologies, internetworking, circuit and packet switching; Layered architecture and protocols, OSI reference model and functions of various layers, overview of TCP / IP, ISDN and SS – 7 protocol architectures	3
2.	Brief characterization of communication channels and fundamental limits in digital transmission; Line codes and modems; Transmission media and transmission impairments; Synchronous and asynchronous time division multiplexing, SONET and SDH	3
3.	Error detection: Parity check, polynomial representation, cyclic redundancy checks and their capabilities; Error control: Stop and wait, go - back n and selective repeat ARQ strategies, correctness and throughput analysis; Framing and optimum frame size; HDLC and LAPB protocols, throughput analysis of HDLC	6
4.	Introduction to queuing models, modeling of arrivals, inter-arrival times and service times, Poisson process; Little's theorem, proof and examples; Continuous-time discrete event process and Markov chain, Birth-Death process; Analysis and applications of M/M/1, M/M/m, M/M/m/m, M/M/m/K and M/M/∞ queues; M/G/1 queue, vacation, reservation, polling, and priority; G/G/1 queue; Network of queues, Kleinrock's independence assumption, Burke's and Jackson's theorems	15

5.	Classification and performance measures of MAC protocols; Pure-ALOHA and slotted-ALOHA, Markov chain modeling, stability, BEB and other stabilization techniques; Splitting algorithms; Non-persistent, 1-persistent and p-persistent CSMA, performance evaluation; CSMA/CD and CSMA/CA; Polling, reservation and token ring protocols; Overview of IEEE 802 standards and frame structures of 802.3 and 802.5	8
6.	Main issues in routing, virtual circuit and datagram routing; Classification of routing algorithms; Shortest path algorithms: Bellman-Ford, Dijkstra and Floyd-Warshall; Distributed asynchronous Bellman-Ford algorithm	4
7.	Objectives and means of flow and congestion control, End-to-end and node by node windows, performance analysis and simplified queuing models; Rate control schemes: Time window, modeling and performance of leaky bucket algorithm	3
	Total	42

11. Suggested Books:

S. No.	Name of Books / Authors	Year of Publication
1.	D. Bertsekas and R. Gallager, "Data Networks", 2 nd Edn., Prentice-Hall of India.	1992
2.	A. Kumar, D. Manjunath and J. Kuri, "Communication Networking: An Analytical Approach", Morgan Kaufmann.	2004
3.	M. Schwartz, "Telecommunication Networks: Protocols, Modeling and Analysis", Pearson Education.	1987
4.	W. Stallings, "Data and Computer Communication", 8 th Edn., Pearson Education.	2007
5.	J. Walrand, "Communication Networks", 2 nd Edn., McGraw-Hill.	2009
6.	L. Kleinrock, "Queuing Systems: Theory", 2 nd Edn., Wiley Blackwell.	2008
7.	T.N. Saadawi, "Fundamentals of Telecommunication Networks", Wiley.	2015

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

NAME OF DEPTT./CENTRE: **Electronics & Communication Engineering**

1. Subject Code: **ECN- 614** Course Title: **Adaptive Signal Processing Techniques**

2. Contact Hours: **L: 3 T: 0 P: 2**

3. Examination Duration (Hrs.): **Theory: 3 Practical: 0**

4. Relative Weight: **CWS:10-15 PRS: 10-20 MTE:20-30 ETE:40-50 PRE: 0**

5. Credits: **4** 6. Semester: **Spring** 7. Subject Area: **PEC**

8. Pre-requisite: **Digital Signal Processing.**

9. Objective: To acquaint the students with the concepts, algorithms and applications of adaptive signal processing in digital communication systems.

10. Details of Course:

S. No.	Contents	Contact Hours
1.	Definitions, assumptions and requirements of adaptive signal processing applicable to different application examples; Linear filter structures; Adaptive beamforming	4
2.	Optimum linear combiner and Wiener-Hopf equations, orthogonality principle, minimum mean square error and error performance surface; Multiple linear regression model; Linearly constrained minimum-variance filter	6
3.	Forward and backward prediction error filters; Levinson—Durbin algorithm; Properties of prediction-error filters; Autoregressive modeling of a stationary stochastic process; All-pole, all-pass lattice filter	8
4.	Steepest-descent algorithm and its stability; Principles of stochastic gradient descent, LMS algorithm and its variants	4
5.	Least Squares method, its efficient implementation: Minimum sum of error squares, normal equations and linear least-squares filters, Singular valuedecomposition, cyclic Jacobi, Householder methods	8
6.	RLS adaptive filtering algorithms; Exponentially weighted RLS algorithm; Kalman filter and its variants; Square-root adaptive filters, adaptive beamforming	8

7.	Implementation examples: Adaptive modeling and system identification, inverse adaptive modeling, equalization and deconvolution, adaptive control systems, adaptive interference cancellation.	4
	Total	42

11. Suggested Books:

S. No.	Name of Books / Authors	Year of Publication
1.	S. Haykin, "Adaptive Filter Theory", 4 th Edn., Pearson Education.	2014
2.	B. Widrow and S.D. Stearns, "Adaptive Signal Processing", 1 st Edn., Pearson Education.	1985
3.	D.G. Manolakis, V.K. Ingle and M.S. Kogon, "Statistical and Adaptive Signal Processing", Artech House.	2005
4.	H. Sayed Ali, "Fundamentals of Adaptive Filtering", Wiley-Interscience, IEEE Press.	2003
5.	P.S.R. Diniz, "Adaptive Filtering: Algorithms and Practical Implementation", 3 rd Edn., Springer.	2008
6.	H. Sayeed Ali, "Adaptive Filters", 1 st Edn., John Wiley & Sons.	2008

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

NAME OF DEPTT./CENTRE: **Electronics & Communication Engineering**

1. Subject Code: **ECN- 615** Course Title: **Advanced Coding Theory**

2. Contact Hours: **L: 3 T: 0 P: 2**

3. Examination Duration (Hrs.): **Theory: 3 Practical: 0**

4. Relative Weight: **CWS:10-15 PRS: 10-20 MTE:20-30 ETE:40-50 PRE: 0**

5. Credits: **4** 6. Semester: **Spring** 7. Subject Area: **PEC**

8. Pre-requisite: **Information and Coding Theory.**

9. Objective: To provide an in-depth study of the design of good forward error correction codes and their efficient decoding.

10. Details of Course:

S. No.	Contents	Contact Hours
1.	Introduction to coding for reliable information transmission and storage; Shannon's channel coding theorem, minimum distance principles, error detection and correction capabilities revisited.	2
2.	Introduction to Algebra – Groups, Fields; Binary field arithmetic; Galois Field, construction and properties of GF (2^m); Vector spaces.	7
3.	Linear Block Codes – encoding, syndrome and error detection; Systematic and non-systematic codes; Standard array and syndrome decoding; Probability of undetected error over binary symmetric channel; Some important linear block codes – Hamming, Reed-Muller and Golay codes.	6
4.	Cyclic Codes – Polynomial and matrix description of cyclic codes; encoding of cyclic codes; syndrome computation and error detection; Meggitt decoder, decoding of cyclic Hamming code, Error trapping decoding; Golay, Shortened and Quasi-cyclic codes.	8
5.	Binary primitive BCH codes, Berlekamp's iterative algorithm for BCH decoding; Non-binary BCH codes, Reed-Solomon (R-S) codes, decoding of R-S codes by Berlekamp's algorithm, Frequency domain representation and decoding of R-S codes.	8

6.	Convolutional Codes – generator sequences and matrix description of feedforward convolutional encoder; Systematic encoders; Transform domain representation; Equivalent encoder realizations in Controller canonical form, Observer canonical form and feedback encoder form; Finite state machine model and Trellis representation of an encoder, Viterbi decoding, Soft-output Viterbi Algorithm (SOVA) and BCJR algorithm.	8
7.	Introduction to Turbo and LDPC codes; Iterative decoding of Turbo codes; Trellis coded modulation; Block coded modulation; Automatic Repeat Request (ARQ) strategies.	3
	Total	42

11. Suggested Books:

S. No.	Name of Books / Authors	Year of Publication
1.	S. Lin, and D.J. Costello Jr., “Error Control Coding”, 2 nd Edn., Pearson.	2004
2.	R.E. Blahut, “Algebraic Codes for Data Transmission”, 2 nd Edn., Cambridge University Press.	2003
3.	W.C. Huffman and V. Pless, “Fundamentals of Error Correcting Codes”, Cambridge University Press.	2003
4.	T.K. Moon, “Error Correction Coding: Mathematical Methods and Algorithms”, Wiley Interscience.	2005
5.	J. Bierbrauer, “Introduction to Coding Theory”, 2 nd Edn., CRC Press.	2016

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

NAME OF DEPTT./CENTRE:

Electronics & Communication Engineering

1. Subject Code: **ECN- 616**

Course Title: **Speech and Audio Processing**

2. Contact Hours:

L: 3

T: 0

P: 2

3. Examination Duration (Hrs.): **Theory: 3**

Practical: 0

4. Relative Weight:

CWS:10-15

PRS: 10-20

MTE:20-30

ETE:40-50

PRE: 0

5. Credits: **4**

6. Semester: **Spring**

7. Subject Area: **PEC**

8. Pre-requisite: **Digital Signal Processing.**

9. Objective: To acquaint the students with the concepts in speech and audio processing, and their applications in communication systems.

10. Details of Course:

S. No.	Contents	Contact Hours
1.	Digital speech processing and its applications, production and classification of speech sounds, lossless tube models, digital models for speech signals; Analysis and synthesis of pole-zero speech models, Levinson recursion, lattice synthesis filter.	7
2.	Time dependent processing of speech, pitch period estimation, frequency domain pitch estimation; Discrete-time short-time Fourier transform and its application, phase vocoder, channel vocoder.	6
3.	Homomorphic speech processing, waveform coders, hybrid coders and vector quantization of speech; Model based coding: Linear predictive, RELP, MELP, CELP; Speech synthesis.	9
4.	Principles of speech recognition, spectral distance measures, dynamic time warping, word recognition using phoneme units, hidden Markov models and word recognition, speech recognition systems, speaker recognition.	7
5.	Ear physiology, psychoacoustics, perception model and auditory system as filter bank; Filter bank design and modified discrete cosine transform algorithm for audio compression in MP3 and AAC coders; Standards for high-fidelity audio coding.	7

6.	Tree-structured filter banks, multi-complementary filter banks; Properties of wavelets and scaling functions, wavelet transform; Filter banks and wavelets, applications of wavelet signal processing in audio and speech coding.	6
	Total	42

11. Suggested Books:

S. No.	Name of Books / Authors	Year of Publication
1.	L.R. Rabiner and R.W. Schafer, "Digital Processing of Speech Signals", Pearson Education.	2006
2.	T.F. Quatieri, "Discrete-Time Speech Signal Processing: Principles and Practice", Pearson Education.	2002
3.	S. Furui, "Digital Speech Processing, Synthesis and Recognition", 2 nd Edn., CRC Press.	2000
4.	A. Spanias, T. Painter and A. Venkatraman, "Audio Signal Processing and Coding", John Wiley & Sons.	2007
5.	B. Gold and N. Morgan, "Speech and Audio Signal Processing", John Wiley & Sons.	2002
6.	A.R. Jayan, "Speech and audio Signal Processing", Prentice-Hall India.	2016

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

NAME OF DEPTT./CENTRE: **Electronics & Communication Engineering**

1. Subject Code: **ECN- 617** Course Title: **Image Processing and Computer Vision**

2. Contact Hours: **L: 3** **T: 0** **P: 2**

3. Examination Duration (Hrs.): **Theory: 3** **Practical: 0**

4. Relative Weight: **CWS:10-15** **PRS: 10-20** **MTE:20-30** **ETE:40-50** **PRE: 0**

5. Credits: **4** 6. Semester: **Spring** 7. Subject Area: **PEC**

8. Pre-requisite: **Digital Image Processing.**

9. Objective: To acquaint the students with the advanced concepts of digital image processing and computer vision.

10. Details of Course:

S. No.	Contents	Contact Hours
1.	Digital image fundamentals: Simple image model; Sampling and quantization; Imaging geometry, perspective projection, digital geometry; Photometric model in image formation; Brightness, adaptation and contrast; Perception of color, color models.	6
2.	Image processing techniques: Image enhancement; Image restoration; Image registration; Image compression methods – transform coding, block truncation coding, vector quantization; Morphological image processing.	12
3.	Detection and matching of points, patches, lines and edges, Hough transform; Segmentation: active contours, split and merge, normalized cuts, graph cuts and energy-based methods; Dense motion estimation using optical flow; Stereo correspondence; 3-D reconstruction.	8
4.	Feature extraction, representation and description of objects in images: Chain codes, polygonal approximations, boundary segments, skeletons, statistical moments, texture, Fourier descriptors, pattern spectrum.	6

5.	Object recognition – decision theoretic, structural and neural network methods; Bayes' classifier, linear discriminant functions, supervised and unsupervised learning, clustering; Multi-layer perceptron, self-organizing feature map and deep learning; Applications of object recognition in object detection, context and scene understanding, biometric applications.	10
	Total	42

11. Suggested Books:

S. No.	Name of Books / Authors	Year of Publication
1.	R.C. Gonzalez and R.E. Woods, "Digital image Processing", 3 rd Edn., Prentice-Hall.	2008
2.	A.K. Jain, "Fundamentals of Digital Image Processing", Pearson Education, India.	2015
3.	R. Szeliski, "Computer Vision: Algorithms and Applications", Springer.	2010
4.	R.O. Duda, P.E. Hart and D.G. Stork, "Pattern Classification", 2 nd Edn., Wiley India.	2009
5.	B. Chanda and D. Dutta Majumder, "Digital Image Processing and Analysis", Prentice-Hall.	2007