

NATIONAL BOARD OF ACCREDITATION

Compliance Report (Tier – I/Tier – II)

PART- A: Institutional Information

(To be filled only once for all the programs under consideration)

A1. Name and Address of the College:- Jaipur Engineering College & Research Centre

City: - Jaipur

State: - Rajasthan

Pin Code: - 302022

Phone No (including STD Code):- 0141-2770232

Fax – 0141-2770803

A2. Year of Establishment:- 2000

A3. First Approval Letter No.: F. No 765-66-01/NDEG/ET/2000 **Date:** 13.07.2000

A4. Head of the Institution:-

Name - Prof. Vinay Kumar Chandna

Designation- Principal

Nature of appointment:- Regular

Phone No. -0141-2770120

Email ID- principal@jecrcmail.com

Mobile No- 9891406784

Fax No. - 0141-2770803

including STD Code

A5. Name and address of the affiliating University:- Rajasthan Technical University

City: Kota

Pin code. -324010

State:- Rajasthan

Email - vcofficertu@yahoo.co.in

Website: www.rtu.ac.in

Mobile No- - 0744-2473015(Dean Academic)

Phone No. 07442473001

including STD Code

A6. Type of Institution:-

Institution of the National Importance University

Autonomous

University

Any Other (Affiliated College) Yes

Deemed University

ECE	B.E.	B.E.	2000	-	-	60	-	13.07.2000	-
	B.E.	B.E.		Yes	30	90	2004	25.06.2004	No
	B.E.	B.E.		Yes	30	120	2008	22.07.2008	No
	B. Tech.	B. Tech.		No	-	120	2009 (NBA Accreditation)	22.07.2008	Yes
	B. Tech.	B. Tech.		Yes	60	180	2011	01.09.2011	Yes
	B. Tech.	B. Tech.		Yes	60	240	2012	10.05.2012	No
	B. Tech.	B. Tech.		No	-	240	2018 (NBA Accreditation)	04.04.2018	Yes
	B. Tech.	B. Tech.		Yes (-)	-60	180	2020	31.07.2020	Yes
ME	B.E.	B.E.	2003	-	-	60	-	12.05.2003	-
	B. Tech.	B. Tech.		Yes	30	90	2009	23.08.2009	No
	B. Tech.	B. Tech.		Yes	90	180	2012	10.05.2012	No
	B. Tech.	B. Tech.		No	-	180	2018 (NBA Accreditation)	04.04.2018	Yes
	B. Tech.	B. Tech.		Yes (-)	-60	120	2020	31.07.2020	Yes

Write applicable One:

*Granted Provisional accreditation for two/three years for the period (Specify period) - **Yes**

*Granted accreditation for 5 / 6 Years for the period (Specify period)

*Not accredited (Specify visit dates, year)

*Withdrawn (Specify visit dates, year)

*Not eligible for accreditation

*Eligible but not applied

Part B- Program Information

B1. Name of the Program: Electronics & Communication Engineering

B2. Faculty Information and Contributions

Please provide the list of faculty in the department according to the below format as Appendix I

(2020-21)

S. No	Name	Pan No	Qualification	Area of Specialization	Designation	Date of Joining	Date on which Designated as Professor/Associate Professor	Currently Associated (Y/N)	Nature of Association (Regular/Contract/Adjunct)	If contractual mention Full time or Part time	Date of Leaving (in case Currently Associated is "No")
1	Dr. Sandeep Vyas	AFXPV5199R	PhD	Optical Communication	Professor	19-Jul-17		Y	Regular		NO
2	Dr. S.K. Singh	BOUPS5721K	PhD	Machine Learning	Professor	2-Jan-17		Y	Regular		NO
3	Dr. Shruti Kalra	ANQPK5955P	PhD	Optical Communication	Professor	19-Aug-03		Y	Regular		NO
4	Dr. Vinita Mathur	AKHPM3052H	PhD	Microwave	Associate Professor	28-Sep-05		Y	Regular		NO
5	Dr. Parul Tyagi	AEVPT9930N	PhD	Wireless Network	Associate Professor	16-Feb-09		Y	Regular		NO

6	Dr. Neha Singh	CNTPS3234 E	PhD	Optical Communication	Associate Professor	11-Aug-10		Y	Regular		NO
7	Dr. Girraj Sharma	CUGPS6564 P	PhD	Wireless Network	Associate Professor	18-Dec-19		Y	Regular		NO
8	Dr. Shyam Sunder Manaktala	AGYPM890 6B	PhD	Nano Photonics	Associate Professor	25-Nov-04		Y	Regular		NO
9	Dr. Ashish Kumar	COPPK1547 Q	PhD	MEMS	Associate Professor	18-Dec-19		Y	Regular		No
10	Mr. Anil Jain	AIYPJ3152A	M.Tech	Communication	Assistant Professor	19-Jul-07		N	Regular		No
11	Mr. Naresh Kumar	ALGPN5796 H	M.Tech	Digital Communication	Assistant Professor	22-Jul-13		Y	Regular		NO
12	Mr. Ashutosh Sharma	BHVPS3926 E	M.Tech	Wireless Network	Associate Professor	16-Jul-14		Y	Regular		NO
13	Mr. Ankur Gangwar	BFDPG0660 P	M.Tech	Digital Communication	Assistant Professor	17-Jul-14		Y	Regular		NO
14	Mr. Bhoopesh Kumar Kumawat	BAXPK5296 E	M.Tech	Wireless Communication	Assistant Professor	1-Jul-15		Y	Regular		NO
15	Mr. Lokesh Kumar Sharma	AXHPS2584 H	M.Tech	Digital Communication	Associate Professor	9-Jul-15		Y	Regular		NO
16	Mr. Honey Agarwal	AKEPA0586 H	M.Tech	Digital Communication	Assistant Professor	21-Jul-11		Y	Regular		NO

17	Mr. Vikas Sharma	CQFPS8859 A	M.Tech	Optical Communication	Assistant Professor	20-Feb-10		Y	Regular		NO
18	Ms. Ritu Vyas	AEKPV4859 C	M.Tech	Digital Communication	Assistant Professor	16-Aug-10		Y	Regular		NO
19	Mr. Sandeep Kumar Dotya	BOQPS0885 A	M.Tech	Digital Communication	Assistant Professor	21-Jul-11		Y	Regular		NO
20	Mr. Rakesh Kumar Kardam	AMDPK499 8A	M.Tech	Microwave	Assistant Professor	1-Mar-14		Y	Regular		NO
21	Mr. Raj Kumar Jain	ANSPJ5809 M	M.tech	Digital Communication	Associate Professor	1-Aug-12		Y	Regular		NO
22	Mr. Pravin Kumar Sharma	EBKPS3831J	M.tech	Digital Communication	Assistant Professor	1-Aug-12		Y	Regular		NO
23	Mr. Mangi Lal Meghwal	BKZPM4835 M	M.Tech	Microwave	Assistant Professor	2-Aug-10		Y	Regular		NO
24	Mr. Jitendra Sharma	CWXPS7101 P	M.Tech	Digital Communication	Assistant Professor	1-May-12		Y	Regular		NO
25	Mr. Ashish Kulshrestha	BMFPK1793 Q	M.Tech	Optical Communication	Associate Professor	25-Apr-12	1-9-2018	Y	Regular		NO
26	Mr. Vinod Kumar	GNPK5526R	M.Tech	Digital Communication	Associate Professor		13-Jul-16				
27	Mrs. Deepmala Kulshrestha	AXJPD8149 H	M.Tech	Optical Communication	Assistant Professor	15-Jul-15		Y	Regular		NO
28	Mr. Devesh Gupta	AOKPG6567 J	M.Tech	IOT	Assistant Professor	15-Jul-16		Y	Regular		NO
29	Mr. Deepak Shankhala	BXYPS2998 K	M.Tech	Digital Communication	Assistant Professor	22-Aug-16		Y	Regular		NO

30	Ms. Shweta Sharda	BAWPS0763 H	M.Tech	Wireless Communication	Assistant Professor	17-Jul-17		Y	Regular		NO
31	Ms. Yazusha Sharma	BRDPS2349 B	M.Tech	Optical Communication Optoelectronics	Assistant Professor	17-Jul-17		Y	Regular		NO
32	Ms. Yogita	ALUPY2403 L	M.Tech	Optical Communication	Assistant Professor	24-Jul-17		Y	Regular		NO
33	Ms. Ritambhara	BTCPR2037J	M.Tech	Microelectronics	Assistant Professor	2-Aug-17		Y	Regular		NO
34	Mr. Jai Prakash Mishra	AWCPM298 8B	M.Tech	Embedded System	Assistant Professor	17-Dec-19		Y	Regular		NO
35	Ms. Mamta Rani	BHMPM550 9E	M.Tech	Optical Communication	Assistant Professor	18-Dec-19		Y	Regular		NO
36	Ms. Nishi Agarwal	AYSPN9016 F	M.Tech	Communication	Assistant Professor	6-Jan-20		Y	Regular		NO
37	Ms. Anju Rajput	AXHPR2031 G	M.Tech	Wireless Communication	Assistant Professor	11-Jan-20		Y	Regular		NO
38	Ms. Tripti Dua	BLGPD6639 E	M.Tech	Optical Communication	Assistant Professor	11-Jan-20		Y	Regular		NO
39	Dr. Jaiverdhan	BDYPJ1696 M	PhD	Microwave, Antenna	Associate Professor	8-Jan-20		Y	Regular		NO
40	Mr. Devendra Sharma	FMXPS2695 B	M. Tech	Digital Communication	Assistant Professor	25-Apr-12		Y	Regular		NO
41	Mr. Aashish Sharma	DOBPS4622 L	M.Tech	Digital Signal Processing, Clustering	Assistant Professor	18-Jul-16		Y	Regular		NO
42	Ms. Khushbu Meena	FBAPM3401 B	M.Tech	Microwave, Antenna	Assistant Professor	3-Aug-20					NO

43	Ms. Rupayali Swaroop	8346 2639 9855	M.Tech	Digital Communication	Assistant Professor	20-Aug-20					NO
44	Mr Harish Kumar Sharma	FOSPS1773 H	M.Tech	Digital Communication	Assistant Professor	2-Nov-20		Y	Regular		NO
45	Mr. Rajendra Singh Sirowa	ANXPS5372 H	MCA	Computer Hardware	Assistant Professor	16-Nov - 20		Y	Regular		NO
46	Mr. Hemant Vashishatha	AWMPV990 5F	M.sc	Digital Communication	Assistant Professor	16-Nov - 20		Y	Regular		NO
47	Mr. Kirti Manish Sharda	AZOPS1172 N	M.Tech	VLSI	Assistant Professor	18/12/20 16		Y	Regular		NO

B.2.1. Student Faculty Ratio (No of Faculty as per the sanctioned intakes):-

(To be calculated at Department Level)

No. of UG Programs in the Department (n): 1

No. of PG Programs in the Department (m): NA

No. of Students in UG 2nd Year = 230

No. of Students in UG 3rd Year = 162

No. of Students in UG 4th Year = 221

No. of Students in PG 1st Year = NA

No. of Students in PG 2nd Year = NA

Student Faculty Ratio (SFR) = S / F

Year	CAY 2020-21	CAY 2019-20	CAY 2018-19
u1.1	230	162	221
u1.2	162	221	237
u1.3	221	237	228
UG1	613	620	686
Total No. of Students in the Department (S)	613	620	686
No. of Faculty in the Department(F)	47	47	49
Student Faculty Ratio (SFR)	13.04	13.1	14
Average SFR	13.3		

B2.2. Faculty Details of the Department (UG+PG):

S. No.	Designation	CAYm1 2019-20			CAYM 2020-21		
		With PhD.		Without PhD.	With PhD.		Without PhD.
		Regular	Contractual		Regular	Contractual	
1	Professor	1	0		3	0	
2	Associate Professor	5	1		5	0	
3	Assistant Professor	0	2	38	1	0	38
4	Total number of Faculty in the Department (UG)	6	3	38	9	0	38

B2.3. Faculty Cadre Proportion

The reference Faculty cadre proportion is 1 (F1):2(F2); 6(F3)

F1: Number of Professors required = $1/9 \times$ Number of Faculty required to comply with 20:1 Student-Faculty ratio based on No. of students (N) as per B2.1

F2: Number of Associate Professors required = $2/9 \times$ Number of Faculty required to comply with 20:1 Student-Faculty ratio based on No. of students (N) as per B2.1

F3: Number of Assistant Professors required = $6/9 \times$ Number of Faculty required to comply with 20:1 Student-Faculty ratio based on No. of students (N) as per B2.1

Year	Professors		Associate Professors		Assistant Professors	
	Required F1	Available	Required F2	Available	Required F3	Available
CAY 2020-21	3.4	3	6.8	5	20.4	39
CAY 2019-20	2.7	1	5.4	6	20.6	40
CAY 208-19	3.8	2	7.62	4	22.8	43
Average Numbers	3.3	2	6.60	4.66	21.2	41

B2.4. Faculty as participants in Faculty development/training activities/STTPs

S. No.	Name of the faculty	Date of Joining	2017-18	2018-19	2019-20
1	Dr. Sandeep Vyas	19-Jul-17	2	2	3
2	Dr. S. K Singh	2-Jan-17	-	2	9
3	Dr. Shruti Kalra	19-Aug-03	-	-	-
4	Dr. Girraj Sharma	18-Dec-19	-	-	3
5	Dr. Neha Singh	11-Aug-10	2	2	3
6	Dr. Parul Tyagi	16-Feb-09	1	1	6
7	Dr. Vinita Mathur	28-Sep-05	1	1	6
8	Dr. Shyam Sunder Manaktala	25-Nov-04	2	2	2
9	Mr. Aashish Sharma	18-Jul-16	1	2	-
10	Mr. Anil Jain	19-Jul-07	-	1	3
11	Mr. Ankur Gangwar	17-Jul-14	1	1	1
12	Mr. Ashish Kulshrestha	25-Apr-12	-	1	3
13	Mr. Ashutosh Sharma	16-Jul-14	-	2	-
14	Mr. Bhoopesh Kumar Kumawat	01-Jul-15	1	-	-
15	Mr. Deepak Shankhala	22-Aug-16	-	1	1
16	Mr. Devendra Sharma	25-Apr-12	-	-	-
17	Mr. Devesh Gupta	15-Jul-16	2	2	5
18	Mr. Honey Agarwal	21-Jul-11	-	-	-
19	Mr. Jai Prakash Mishra	17-Dec-19	-	-	2
20	Dr. Jaiverdhan	08-Jan-20	-	-	8
21	Mr. Jitendra Sharma	01-May-12	1	-	-
22	Mr. Lokesh Kumar Sharma	09-Jul-15	-	-	-
23	Mr. Mangi Lal Meghwal	02-Aug-10	1	1	3

24	Mr. Naresh Kumar	22-Jul-13	-	1	-
25	Mr. Pravin Kumar Sharma	01-Aug-12	-	-	-
26	Mr. Raj Kumar Jain	01-Aug-12	1	1	2
27	Mr. Rakesh Kumar Kardam	01-Mar-14	1	1	-
28	Mr. Sandeep Kumar Dotya	21-Jul-11	1	-	-
29	Mr. Vikas Sharma	20-Feb-10	2	3	-
30	Ms. Mamta Rani	18-Dec-19	-	-	2
31	Ms. Anju Rajput	11-Jan-20	-	2	4
32	Ms. Nishi Agarwal	06-Jan-20	-	-	2
33	Ms. Ritambhara	02-Aug-17	-	6	9
34	Ms. Ritu Vyas	16-Aug-10	1	-	1
35	Ms. Shweta Sharda	17-Jul-17	-	-	-
36	Ms. Tripti Dua	11-Jan-20	-	3	1
37	Ms. Yazusha Sharma	17-Jul-17	-	-	-
38	Ms. Yogita	24-Jul-17	-	1	6
39	Ms. Khushbu Meena	03-Aug-20	-	-	-
40	Ms. Rupayali Swaroop	20-Aug-20	-	-	-
41	Mrs. Deepmala Kulshrestha	15-Jul-15	-	1	3
42	Mr. Kirti Manish Sharda	18/12/2016	-	-	-
43	Dr. Rajesh Kumar Bathija	18-Jul-16	2	-	-
44	Dr. Dinesh Sethi	10-Dec-18	-	-	-
45	Mr. Pratik M	06-Dec-18	-	-	-
46	Mr. Manish Yadav	14-Aug-18	-	-	2
47	Mr. Siddharth Chaturvedi	01-Jul-15	-	-	-
48	Mr. Mohit Kumar	18-Jul-17	-	-	-
49	Dr. Arun Kumar	08-Dec-18	-	-	-
50	Ms. Preeti Barot	20-Jul-16	-	-	-
51	Mr. Veni Madhav Sharma	5-Apr-12	-	-	-
52	Ms. Alpana Gupta	15-Jul-15	-	-	-
53	Mr. Vinod Kumar	2-Sep-16	-	-	-
54	Ms. Aapurva Kaul	24-Jul-17	-	-	-
55	Mr. Katru Anand	14-Jul-14	-	-	-
56	Ms. Shivam Upadhayay	13-Jul-15	-	-	-
57	Mr. Vikas Mishra	1-Jul-13	-	-	-
58	Mr. Ashok Kumar Kherodia	16-Aug-18	-	-	-
59	Dr. Anurakt Williamson	28-Jun-18	-	-	-
60	Ms. Shikha Gaur	8-Apr-10	-	-	-
61	Ms. Geetika Bhati Mathur	17-Jul-17	-	-	-
62	Ms. Teena Sharma	15-Jul-16	1	-	-
63	Mr. Ashok Kumar	24-Jul-14	-	-	-
64	Mr. Katru Anand	14-Jul-14	-	-	-
65	Dr. Lokesh Kumar Bansal	13-Jan-16	2	-	-
66	Mr. Shankar Singh Shekhawat	2-Aug-07	-	-	-
67	Dr. Ashish Kr. Choudhary	18-Dec-19	-	-	4

B2.5. Research and Development

Name of the faculty	Academic Research			
	Number of quality publication in refereed/SCI Journals ,citations , Books/Book chapter etc.		Ph.D. guided/Ph.D. awarded during the assessment period while working in the institute	
	As provided in SAR	After evaluation (till the date of compliance report)	As provided in SAR	After evaluation (till the date of compliance report)
Dr. Sandeep Vyas	4	11		
Dr. Shruti Kalra	1	2		Award
Dr. Girraj Sharma	-	3		
Dr. Neha Singh	2	6		Award
Dr. Parul Tyagi	2	4		Award
Dr. Vinita Mathur	8	4	Award	
Dr. Shyam Sunder Manaktala	2	1		Award
Dr. Aashish Sharma	-	1		Award
Mr. Anil Jain	1	-		
Mr. Ankur Gangwar	1	-		
Mr. Ashish Kulshrestha	1	3		
Mr. Ashutosh Sharma	5	5		Pursuing Ph.D from RTU Kota
Mr. Bhoopesh Kumar Kumawat	1	-		Pursuing Ph.D from MNIT
Mr. Deepak Shankhala	1	2		
Mr. Devendra Sharma	1	-		
Mr. Devesh Gupta	1	3		
Mr. Honey Agarwal	-	-		
Mr. Jai Prakash Mishra	-	1		Pursuing Ph.D from Manipal University
Dr. Jaiverdhan	-	1		Award
Mr. Jitendra Sharma	-	-		
Mr. Lokesh Kumar Sharma	1	-		
Mr. Mangi Lal Meghwal	-	-		
Mr. Naresh Kumar	1	-		
Mr. Pravin Kumar Sharma	1	-		
Mr. Raj Kumar Jain	1	2		
Mr. Rakesh Kumar Kardam	-	-		
Mr. Sandeep Kumar Dotya	-	-		
Mr. Vikas Sharma	1	3		

Ms. Mamta Rani	-	-		
Ms. Anju Rajput	-	-		
Ms. Nishi Agarwal	-	-		
Ms. Ritambhara	-	5		Pursuing Ph.D from JECRC University
Ms. Ritu Vyas	1	-		
Ms. Shweta Sharda	-	-		Pursuing Ph.D from LMNIT
Ms. Tripti Dua	-	-		
Ms. Yazusha Sharma	1	3		Pursuing Ph.D from RTU KOTA
Ms. Yogita	-	2		
Ms. Khushbu Meena	-	-		
Ms. Rupayali Swaroop	-	-		
Mrs. Deepmala Kulshrestha	-	2		
Mr. Kirti Manish Sharda	1	-		
Dr. Rajesh Kumar Bathija	-	4		Award
Dr. Dinesh Sethi	-	-		
Mr. Pratik M	-	-		
Mr. Manish Yadav	-	-		
Mr. Siddharth Chaturvedi	-	-		
Mr. Mohit Kumar	-	-		
Dr. Arun Kumar	-	-		
Ms. Preeti Barot	1	1		
Mr. Veni Madhav Sharma	-	-		
Ms. Alpana Gupta	-	-		
Mr. Vinod Kumar	-	-		
Ms. Aapurva Kaul	-	-		
Mr. Katru Anand	1	-		
Ms. Shivam Upadhayay	5	-		
Mr. Vikas Mishra	2	-		
Mr. Ashok Kumar Kherodia	-	-		
Dr. Anurakt Williamson	-	-		
Ms. Shikha Gaur	-	-		
Ms. Geetika Bhati Mathur	1	-		
Ms. Teena Sharma	1	-		
Mr. Ashok Kumar	-	-		
Mr. Katru Anand	-	-		
Dr. Lokesh Kumar Bansal	1	-		
Mr. Shankar Singh Shekhawat	-	-		

B2.6. Sponsored Research/Consultancy**(B) Details as provided in the SAR previously**

Name of the Faculty	Project Title	Project Type Research/ Consultancy	Funding Agency	Amount	Duration
Mr. Vikas Sharma	Xananoid (Robotics Lab)		Sak- robotics	1.5 lakh	
Mr. Devesh Gupta	Embedded Lab		Techi-nest	2.57 lakh	
Mr. Raj Kumar Jain	Mentoring of students outside JECRC for GATE examination	Consultancy		45000	1 year
Mr. Rajendra Sirowa	Repairing of Computer Hardware	Consultancy		15000	1 year
Babulal Sharma	Home Appliances (T.V., Radio, Setup Box, etc.)	Consultancy		24000	1 year
Rakesh Kumar	Home Wiring and Appliances (Press, Water Heater, etc.)	Consultancy		18000	1 year

(II) Details after evaluation (till the date of Compliance Report of Research/Consultancy)**List of Sponsored Consultancy**

Name of the Faculty	Project Title	Project Type Research/ Consultancy	Funding Agency	Amount	Duration
----------------------------	----------------------	---	-----------------------	---------------	-----------------

Dr. Sandeep Vyas	Energy Efficient Wireless Communication Devices	Consultancy	Techienest Private Limited	20,000	1 year
Dr. S.K.Singh	IOT Enabled Embedded Systems	Consultancy	Techienest Private Limited	30,000	1 year
Dr. Vinita Mathur	Wi-Fi networks and communication towers	Consultancy	R S Tele Solutions Private Limited	25,000	6 month
Mr. Babulal Sharma	Maintenance and Training	Consultancy	Aarogya Diagnostic Centre	20,000	1 Year
Ms. Ritambhara	-	Consultancy	Praganik Training and Research Centre, Jaipur	40,000	1 Year
Ms Yazusha Sharma	-	Consultancy	Praganik Training and Research Centre, Jaipur	20,000	1 Year

List of Research Projects (Submitted)

Name of the faculty	Project Title	Project Type Research/Co nsultancy	Funding Agency	Amount	Duration
Dr. Vinita Mathur, Prof. Vinay Chandna, Ms. Chitra khandelwal, Dr. Parul Tyagi, Dr. Neha Singh	Design , Development and Implementation of Water Reclaimed Treatment Plant for Irrigation Applications	Research	DST-Waste Management Technology	49,52,950	3 year
Ms. Ritambhara, Dr. Sandeep Vyas	Second generation controlled current conveyor based square wave generator	Research	DST(WOS-B)	32,60,000	3 year
Ms. Yazusha Sharma, Dr. Sandeep Vyas		Research	DST(WOS-B)	32,60,000	3 year
Mr. Ashish kumar, Dr. Sandeep Vyas	Development of an AlGaN/GaN MOSHENT sensor platform for SARS-CoV2 virus detection using 2D materials	Research	ASEAN-India Collaborative R&D	16,10,000	2 year
Dr. Shruti Kalra, Mr. Mukesh Agarwal, Mr. Manish Jain,	Scientific Convention Enhancing learning for students of rural Rajasthan	Research	Stem India Demonstration Dissemination Popularization,	25,69,000	1 Year

			DST		
Dr. Shruti Kalra, Mr. Mukesh Agarwal, Mr. Manish Jain,	Design and development of a low cost Personal Meditation Assistance device and to validate the same for open monitoring meditation with the existing imported portable EEG devices.	Research	SATYAM scheme under Department of Science and Technology (DST)	49,83,000	3 year
Dr. GirrajSharma, Dr. Shruti Kalra, Dr. Dinesh sethi	Energy Efficient Cognitive Wireless Sensor Network for health monitoring	Research	MEITY	35,39,000	3years
Dr. Shruti Kalra, Mr. Mukesh Agarwal, Mr. Manish Jain, Ms. Priyanka Mitra	Design and development of a low cost indigenous Brain Wave Analyzer device and measure its effectiveness	Research	Technology Development Program under (DST)	49,83,000	3 year
Dr. Rajesh Kumar Bathija, Prof. Vinay Kumar Chandna, Mr. Devesh Gupta	Automatic Sensor based solar scanner with Air Sprayer Panels for post lockdown Condition	Research	DST	66,30,000	3year

B.3. Students' Performance

Student Intake Table

Item (information to be provided cumulatively for all the shifts with explicit heading, wherever applicable)	CAY 2020-21	CAYm1 2019-20	CAYm2 2018-19	CAYm3 2017-18
Sanctioned intake of the program (N)	180	240	240	240
Total number of students admitted in first year minus number of students migrated to other programs/institutions, plus no. of students migrated to this program (N1)	177	229	162	220
Number of Students admitted in 2 nd Year in the same batch via lateral entry (N2)	NA	1	0	1
Separate division students, if applicable (N3)	-	NA	NA	NA
Total number of students admitted in the program (N1 + N2 + N3)	177	230	162	221

Academic Performance Table

Year of entry	N1 + N2 + N3 (As defined above)	Number of students who have successfully graduated without backlogs in any semester/year of study (Without Backlog means no compartment or failures in any semester/year of study)			
		I Year	II Year	III Year	IV Year
CAY (2020-21)	177(177+0+0)	-	-	-	-
CAYm1 (2019-20)	230(229+1+0)	106	-	-	-
CAYm2 (2018-19)	162(161+1+0)	64	55	-	-
CAYm3 (2017-18)	221(220+1+0)	139	82	80	-
CAYm4(LYG) (2016-17)	237(235+2+0)	149	116	102	100
CAYm5(LYGm1) (2015-16)	228(225+3+0)	150	112	97	95
CAYm6(LYGm2) (2014-15)	222(219+3+0)	139	117	109	108

Year of entry	N1 + N2 + N3 (As defined above)	Number of students who have successfully graduated (Students with backlog in stipulated period of study)			
		I Year	II Year	III Year	IV Year
CAY (2020-21)	177(177+0+0)	-	-	-	-
CAYm1 (2019-20)	230(229+1+0)	124	-	-	-
CAYm2 (2018-19)	162(161+1+0)	98	107	-	-
CAYm3 (2017-18)	221(220+1+0)	82	139	141	-
CAYm4(LYG) (2016-17)	237(235+2+0)	88	121	135	137
CAYm5(LYGm1) (2015-16)	228(225+3+0)	78	116	131	133

CAYm6(LYGm2) (2014-15)	222(219+3+0)	83	105	113	114
-----------------------------------	--------------	----	-----	-----	-----

B3.1 Success rate without backlog in stipulated period

SI= (Number of students who graduated from the program without backlog in the stipulated period of course duration)/(Number of students admitted in the first year of that batch and admitted in 2nd year via lateral entry and separate division, if applicable)

Item	Latest Year of Graduation, LYG (CAYm4) 2016-17	Latest Year of Graduation minus 1, LYGm1 (CAYm5) 2015-16	Latest Year of Graduation minus 2, LYGm2 (CAYm6) 2014-15
Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry and separate division, if applicable	237	228	222
Number of students who have graduated without backlog in the stipulated period	100	95	108
Success Index (SI)	0.42	0.42	0.49
Average Success Index	0.44		

B3.2. Success rate with backlog in stipulated period of study

SI= (Number of students who graduated from the program with backlog in the stipulated period of course duration)/(Number of students admitted in the first year of that batch and admitted in 2nd year via lateral entry and separate division, if applicable)

Item	Latest Year of Graduation, LYG (CAYm4) 2016-17	Latest Year of Graduation minus 1, LYGm1 (CAYm5) 2015-16	Latest Year of Graduation minus 2, LYGm2 (CAYm6) 2014-15
-------------	---	---	---

Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry and separate division, if applicable	237	228	222
Number of students who have graduated with backlog in the stipulated period	137	133	114
Success Index (SI)	0.58	0.58	0.51
Average Success Index	0.56		

3.3 First Year Academic Performance

Academic Performance = (Mean of 1st Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks in First Year of all successful students/10) x (number of successful students/number of students appeared in the examination)

Successful students are those who are permitted to proceed to the second year.

Academic performance	CAYm1 (2019-20)	CAYm2 (2018-19)	CAYm3 (2017-18)
Mean of CGPA or Mean Percentage of all successful students (X)	6.80	6.27	6.57
Total no. of successful students (Y)	230	159	217
Total no. of students appeared in the examination (Z)	230	159	217
$API = X * (Y/Z)$	6.80	6.27	6.57
Average API = $(AP1 + AP2 + AP3)/3$	6.55		

B3.4. Academic Performance in Second Year

API = (Mean of 2nd Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Second Year /10) x (number of successful students/number of successful students/number of students appeared in the examination)

Successful students are those who are permitted to proceed to the Third year.

Academic Performance	CAYm1 (2019-20)	CAYm2 (2018-19)	CAYm3 (2017-18)
Mean of CGPA of Mean Percentage of all successful students (X)	7.4	5.7	6.4
Total no. of successful students (Y)	159	217	233
Total no. of students appeared in the examination (Z)	159	217	233
API = x* (Y/Z)	7.4	5.7	6.4
Average API = (AP1 = AP2 + AP3)/3	6.50		

B3.5. Academic Performance in Third Year

API = (Mean of 3rd Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Third Year /10) x (number of successful students/number of successful students/number of students appeared in the examination)

Successful students are those who are permitted to proceed to the final year.

Academic Performance	CAYm1 (2019-20)	CAYm2 (2018-19)	CAYm3 (2017-18)
Mean of CGPA of Mean Percentage of all successful students (X)	6.9	6.6	6.4
Total no. of successful students (Y)	216	230	226
Total no. of students appeared in the examination (Z)	216	230	226
API = x* (Y/Z)	6.9	6.6	6.4
Average API = (AP1 = AP2 + AP3)/3	6.64		

B3.6. Placement, Higher Studies and Entrepreneurship

Item	CAYm1 (2019-20)	CAYm2 (2018-19)	CAYm3 (2017-18)
Total No. of Final Year Students (N)	237	228	222

No. of students placed in companies or Government Sector (x)	170	140	104
No. of students admitted to higher studies with valid qualifying scores (GATE or equivalent State or National Level Tests, GRE, GMAT)	11	2	8
No. of students turned entrepreneur in engineering/technology (z)	0	0	1
$x + y + z =$	181	142	113
Placement Index : $(x + y + z)/N$	0.76	0.62	0.51
Average placement = $(P1 + P2 + P3)/3$	0.63		

Criteria 1

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
1.	1.3 Indicate where and how the Vision, Mission and PEOs are published and disseminated among stakeholders	No well-defined process followed to conduct interaction among the stakeholders	<ul style="list-style-type: none"> • Faculty members discussed vision, mission and PEOs in the department meeting. • The faculty members also discussed vision, mission and PEOs with the students in first class through presentation. • The vision, mission, POs and PEOs are published and disseminated among stakeholders as per the table specified below:

S. No.	Activity/Mechanism through which Vision, Mission and PEOs are Disseminated	Stakeholder Interacted	URL of Proof
1	College Website	Alumni, Employer, Faculty/Staff, Students and Parents	https://jecrcfoundation.com/electronics-and-communication/vision-mission
2	Notice Boards	Students, Faculty/Staff	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/NoticeBoard.pdf
3	Newsletter	Alumni, Employer, Faculty/Staff, Students	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/Newsletter.pdf
4	Lecture Rooms	Students, Faculty/Staff	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/LectureRooms.pdf
5	Laboratories	Students,	http://jecrcfoundation.com/jf-

		Faculty/Staff	data/NBA/ECE/EC2/laboratories.pdf
6	Faculty Rooms	Faculty/Staff	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/FacultyRooms.pdf
7	Course File, Lab-Manual, Student Lab-File	Students, Faculty/Staff	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/CourseFile.pdf http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/LabManual.pdf

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)															
2.	1.5 Establish consistency of PEOs with Mission of the Department	Consistency/ justification is not established by interaction with stakeholders at regular interval	<ul style="list-style-type: none"> Consistency is maintained with respective stakeholders as per the table below. Department has prepared PEOs and Mission mapping format and circulated to the stakeholders. Stakeholders did the mapping and submitted to department for finalization. Analysis of the mapping submitted by the stakeholders is carried out and based on below mentioned criteria mapping is finalized. <table border="1"> <thead> <tr> <th>Average mapping point given by stakeholders</th> <th>Mapping finalization</th> <th>Level of Relationship</th> </tr> </thead> <tbody> <tr> <td>$m < 0.5$</td> <td>0</td> <td>No</td> </tr> <tr> <td>$0.5 \leq m \leq 1$</td> <td>1</td> <td>Low</td> </tr> <tr> <td>$1 < m \leq 2$</td> <td>2</td> <td>Medium</td> </tr> <tr> <td>$2 < m \leq 3$</td> <td>3</td> <td>High</td> </tr> </tbody> </table>	Average mapping point given by stakeholders	Mapping finalization	Level of Relationship	$m < 0.5$	0	No	$0.5 \leq m \leq 1$	1	Low	$1 < m \leq 2$	2	Medium	$2 < m \leq 3$	3	High
Average mapping point given by stakeholders	Mapping finalization	Level of Relationship																
$m < 0.5$	0	No																
$0.5 \leq m \leq 1$	1	Low																
$1 < m \leq 2$	2	Medium																
$2 < m \leq 3$	3	High																

S. No.	Activity/Mechanism through which Consistency is established for Vision, Mission and PEOs	Stakeholder Interacted	URL of Proof
1	HOD Office	Alumni, Employer, Faculty/Staff,	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/FeedbackSample.pdf

		Students and Parents
2	SDO	Students, Alumni
3	TPO	Alumni, Employer, Students
4	Class Coordinators	Students, Faculty/Staff, Parents
5	Consistency of PEO's with Mission of the department	
		http://jecrcfoundation.com/jf-data/NBA/ECE/EC3/MissionwithPEO.pdf

Alumni Feedback

Alumni Feedback - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View

Clipboard Font Alignment Number Styles Cells Editing

H10 2

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
	S.No.	Name	M1: Focus High	M1: Focus High	M1: Focus Medium	M1: Focus Medium	M1: Focus Medium	M2: Ident High	M2: Ident High	M2: Ident High	M2: Ident High	M2: Ident High	M3: Offer High	M3: Offer High	M3: Offer High	M3: Offer High	M3: Offer High	M4: Devel High	M4: Devel High	M4: Devel High	M4: Devel High	M4: Devel High
1	1	Arpit Mangal	3	3	2	2	2	1	3	2	3	3	3	3	3	3	2	1	2	3	2	2
2	2	Akash Mathur	2	2	3	3	2	2	3	2	2	3	3	3	3	2	2	2	2	3	2	2
3	3	Abhishek Tiwari	2	3	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	4	Aman Gupta	3	2	1	1	1	2	2	1	2	2	2	2	2	2	1	1	1	2	1	1
5	5	Nousheen Khan	3	3	1	1	1	2	3	2	2	3	3	3	3	2	2	2	2	3	2	2
6	6	Sana	3	3	2	2	2	2	3	2	3	3	3	3	3	2	2	1	2	3	2	2
7	7	Aneesh Ansari	3	3	1	2	2	2	2	2	2	3	3	1	3	2	3	1	2	2	2	2
8	8	Avi Singhal	3	3	2	2	2	2	3	2	2	3	3	3	3	2	2	2	2	3	2	2
9	9	Bhavya Atri	3	2	1	1	1	1	2	2	2	2	2	2	2	2	1	2	1	2	2	2
10	10	Chitra Yadav	2	3	2	2	2	2	2	2	3	2	2	3	2	2	2	2	2	2	2	2
11	11	Gopal Kabra	2	2	2	2	1	1	2	1	3	2	2	3	2	2	1	1	1	3	1	1
12	12	Parul Garg	2	3	1	1	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2
13	13	Rishi Tak	3	3	1	1	3	2	3	2	3	3	3	3	3	1	2	2	2	3	2	2
14	14	Hemant Sharma	2	2	1	1	1	1	2	1	2	2	2	2	2	1	1	1	1	3	1	1
15	15	Jalaj Goyal	3	3	1	1	1	2	3	1	3	3	3	3	3	2	1	1	1	3	1	1
16	16	Abhishek Rathi	3	2	1	1	1	1	3	1	3	3	3	3	3	1	1	1	1	3	1	1
17	17	Arpit Mishra	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	18	Ayushi Haldia	3	3	3	3	1	1	3	1	3	3	3	3	3	1	1	1	1	3	1	1
19	19	Ankit Kumar Gupta	2	2	1	0	3	3	3	3	3	3	1	2	2	2	1	2	2	3	2	2
20	20	Ruchika Badesara	2	3	2	2	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2
21	21	Pranjal Birla	3	3	3	3	2	2	3	2	3	3	3	3	3	1	2	2	2	3	2	2
22	22	Shantanu Yadav	3	3	1	1	1	1	2	1	2	2	2	2	2	1	1	2	1	3	1	1
23	23	Vinay Sharma	3	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
24	24	Rambha Kumari	3	3	1	1	1	2	3	1	3	3	3	3	3	2	1	1	1	3	1	1
25	25	Ritvik Meel	3	2	1	1	1	1	3	1	3	3	3	3	3	1	1	1	1	3	1	1
26	26	Rahul Soni	3	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
27	27	Radhika Sharma	3	3	3	3	1	1	3	1	3	3	3	3	3	1	1	1	1	3	1	1

Ready 80% 8:38 PM 3/1/2021

Alumni Feedback - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View

Clipboard Font Alignment Number Styles Cells Editing

H10 = 2

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	
32	30	Sufal Gupta	3	3	3	3	2	2	3	2	3	2	3	3	3	3	1	2	2	2	3	2	2
33	31	Tarushi Goyal	2	2	2	2	1	1	2	1	3	2	2	3	2	2	1	1	1	3	1	1	1
34	32	Sakshi Gupta	2	3	1	1	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2	2
35	33	Mayank Sharma	3	3	1	1	3	2	3	2	3	3	3	3	3	1	2	2	2	3	2	2	2
36	34	Umesh Saini	2	2	1	1	1	1	2	1	2	2	2	2	2	1	1	1	1	3	1	1	1
37	35	Yash Verma	3	3	1	1	1	2	3	1	3	3	3	3	3	2	1	1	1	3	1	1	1
38	36	Uttkarsh Goyal	3	2	2	2	2	2	2	2	2	2	2	3	2	2	2	1	2	2	2	2	2
39	37	Priya Istrani	2	3	2	2	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2	2
40	38	Parul Sharma	3	3	2	2	2	2	3	2	3	3	3	3	3	2	2	1	2	3	2	2	2
41	39	Piyush Agarwal	3	3	0	0	3	1	2	2	1	2	2	2	3	2	2	1	1	3	3	1	1
42	40	Rajat Kumar Saini	3	2	3	1	1	1	2	1	2	2	2	3	2	1	1	1	1	2	1	1	1
43	41	Saloni Sharma	2	3	2	2	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2	2
44	42	Vinuj Arora	3	3	3	3	3	1	3	3	3	3	3	3	3	3	1	2	3	3	3	3	3
45	43	Deepali Goyal	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
46	44	Dixita Jain	2	2	2	2	2	2	2	3	2	3	3	3	3	2	2	2	2	3	2	2	2
47	45	Govind Bansal	3	3	2	2	2	2	3	2	3	3	3	3	3	2	2	1	2	3	2	2	2
48	46	Ishita Jain	3	2	0	0	3	1	2	2	1	2	2	2	3	2	2	1	1	3	3	1	1
49	47	Kapil Gupta	3	2	3	1	1	1	2	1	2	2	2	3	2	1	1	1	1	2	1	1	1
50	48	Jyotika Jain	2	3	2	2	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2	2
51	49	Kritika Saini	3	3	3	3	3	1	3	3	3	3	3	3	3	3	1	2	3	3	3	3	3
52	50	Hansraj	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2
53	51	Neeraj Gautam	3	3	2	2	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2	2
54	52	Nikita Jain	2	3	3	3	1	1	3	1	3	3	3	3	3	1	1	1	1	3	1	1	1
55	53	Nidhi Gupta	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2
56	54	Prachi Jain	2	3	2	2	2	1	3	2	3	3	3	3	3	2	2	2	2	3	2	2	2
57	55	Ravi Kundra	2	2	3	1	1	1	2	1	2	2	2	2	2	1	1	1	1	2	1	1	1
58	56	Shejal Yadav	3	3	2	2	2	2	3	2	3	3	1	3	3	3	3	1	2	2	3	3	2
59			2.625	2.58929	1.78571	1.66071	1.82143	1.66071	2.625	1.78571	2.58929	2.64286	2.60714	2.71429	2.66071	1.78571	1.67857	1.51786	1.71429	2.75	1.83929	1.71429	2
60		Consistency	3	3	2	2	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2	2

Sheet1 Sheet2 Sheet3

Ready 80%

Search the web and Windows

8:39 PM 3/1/2021

Parents Feedback

Parents Feedback - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View

Clipboard Font Alignment Number Styles Cells Editing

F15 = 0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	
1	S.No.	Name	M1: High	M1: High	M1: Medium	M1: Medium	M1: Focus	M2: Ident	M2: Ident	M2: Ident	M2: Ident	M2: Ident	M3: Offer	M3: Offer	M3: Offer	M3: Offer	M4: Devel	M4: Devel	M4: Devel	M4: Devel	M4: Devel	M4: Devel	M4: Devel	
3	1	Anil Sharma	2	3	2	2	2	3	2	2	2	2	2	3	2	3	2	1	2	2	2	2	2	
4	2	Pradeep Vyas	3	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	3	Mahesh Kumar Goyal	2	3	1	1	1	1	2	1	2	2	3	2	2	2	1	1	1	2	1	1	1	1
6	4	Mahaveer Prasad Jain	3	3	2	2	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2	2	2
7	5	Rajeev Mehta	2	2	2	2	1	2	2	2	3	2	2	3	2	2	2	1	2	2	2	2	2	2
8	6	Satish Chandra	3	3	1	1	1	2	3	1	3	3	3	3	3	1	1	1	1	3	1	1	1	1
9	7	Sanjay Jain	3	3	2	2	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2	2	2
10	8	Prakash Chabra	2	2	2	2	1	1	2	1	3	2	3	2	2	1	1	1	1	2	1	1	1	1
11	9	Badri Lal Sain	3	3	3	3	1	1	3	2	3	3	3	3	3	2	2	2	2	3	2	2	2	2
12	10	Anil Gupta	3	3	2	2	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2	2	2
13	11	Jagdish Sharma	2	2	1	1	1	1	2	1	3	2	2	3	2	1	1	2	1	2	1	1	1	1
14	12	Pawan Agarwal	2	3	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2
15	13	Anand Kumar Jha	3	3	1	0	2	2	2	2	2	3	3	3	2	3	2	0	1	3	2	2	1	1
16	14	Mukesh Kumar Jain	3	3	1	1	1	2	3	1	3	3	3	3	3	1	1	1	1	3	1	1	1	1
17	15	Dinesh Pathak	3	3	2	2	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2	2	2
18	16	Rajendra Kabra	2	2	2	2	1	1	2	1	3	2	2	2	2	1	1	1	1	2	1	1	1	1
19	17	Narayan Singh Bhati	3	3	3	3	1	1	3	2	3	3	3	3	3	2	2	2	2	3	2	2	2	2
20	18	Alok Kumar Shrivastav	2	3	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2
21	19	Bhawani Singh	3	3	1	0	2	2	2	2	2	3	2	2	3	3	2	0	1	3	2	2	1	1
22	20	Shrikant Sharma	3	3	2	2	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2	2	2
23	21	Reena Rani	3	3	2	2	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2	2	2
24	22	Om Prakash Nama	2	2	1	1	1	1	2	1	3	2	3	3	2	1	1	2	1	2	1	1	1	1
25	23	Ashok Jain	2	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2
26	24	Babulal Soni	3	3	1	0	2	2	2	2	2	3	2	3	3	2	0	1	3	2	2	1	1	1
27	25	Bhagwan Sahay Sharma	3	3	2	2	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2	2	2
28	26	Keema Ansari	2	2	1	1	1	1	2	1	3	2	3	3	2	1	1	2	1	2	1	1	1	1
29	27	Vinod Kumar Jain	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

Sheet1 Sheet2 Sheet3

Ready 80%

Search the web and Windows

8:40 PM 3/1/2021

Parents Feedback - Microsoft Excel

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
30	28	Ganesh Kumar Agarwa	3	3	1	0	2	2	2	2	2	3	3	2	3	3	2	0	1	3	2	1	
31	29	Alok Mathur	3	3	2	2	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2	
32	30	Ajay Palawat	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	
33	31	Bharat Gurbani	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	1	2	2	2	2	
34	32	Banwari Lal Gupta	3	3	2	2	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2	
35	33	Sumer Singh	3	3	1	1	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	
36	34	Rajeev Mathur	3	3	1	1	1	1	3	1	3	1	3	3	3	1	1	1	1	3	1	1	
37	35	Mukesh Kataria	2	3	2	2	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2	
38	36	Nand Kishor Sharma	3	2	1	0	3	2	3	2	2	2	2	1	2	2	2	1	2	2	3	2	
39	37	Mohan Kumar Verma	2	3	3	2	2	2	3	2	3	3	2	3	3	2	1	2	2	3	2	3	
40	38	Kishor Kumar Saini	3	3	3	2	2	2	3	2	3	3	3	3	3	2	2	2	2	3	3	1	
41			2.5789	2.74	1.76	1.5789	1.73684	1.78947	2.5	1.78947	2.63158	2.57895	2.71053	2.60526	2.57895	1.94737	1.73684	1.5	1.68421	2.57895	1.84211	1.68421	
42		Consistency	3	3	2	2	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2	

Faculty Feedback

Faculty Feedback - Microsoft Excel

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	S.No.	Name	M1: Focus High	M1: Focus High	M1: Focus Medium	M1: Focus Medium	M2: Ident Medium	M2: Ident High	M2: Ident High	M2: Ident High	M2: Ident High	M2: Ident High	M3: Offer High	M3: Offer High	M3: Offer High	M3: Offer Medium	M3: Offer Medium	M4: Devel Medium	M4: Devel High	M4: Devel High	M4: Devel Medium	M4: Devel Medium	M4: Devel Medium
3	1	Dr. Sandeep Vyas	3	2	2	2	2	1	2	2	2	2	3	2	2	2	2	1	2	2	3	2	1
4	2	Dr. Vinita Mathur	2	2	1	0	2	2	2	2	2	3	3	1	3	2	2	1	2	2	3	2	2
5	3	Rakesh Kardam	3	2	2	2	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2	2
6	4	Anil Jain	2	3	3	3	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2	2
7	5	Pravin Kumar Sharma	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3	2	2	2
8	6	Ms. Ritu Vyas	3	2	2	1	1	1	2	1	2	2	2	2	2	2	1	1	1	2	1	1	1
9	7	Ashutosh Sharma	3	2	2	3	1	1	2	1	2	2	2	2	3	1	1	1	1	2	1	1	1
10	8	Mangilal	2	3	1	2	2	2	2	2	2	2	3	3	3	3	1	2	2	2	2	2	2
11	9	Dr. Rajesh Kumar Bhatija	3	3	1	1	1	1	3	1	3	3	3	3	3	3	1	1	1	3	1	1	1
12	10	Jitendra Sharma	3	2	2	2	1	2	2	2	3	2	2	3	2	2	2	1	2	2	3	2	1
13	11	Bhoopesh Kumar	2	3	2	2	2	2	3	2	3	3	3	3	3	3	2	2	2	3	2	2	2
14	12	Devesh Gupta	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2
15	13	Naresh Kumar	2	3	2	2	2	2	3	2	3	3	2	3	3	3	2	2	2	3	2	2	2
16	14	Dr. Parul Tyagi	2	2	1	0	2	2	2	2	2	3	3	1	3	2	2	1	2	2	3	2	2
17	15	Ashish Kulshrestha	3	2	1	0	2	2	3	2	3	3	1	3	3	2	3	2	2	2	3	1	1
18	16	Vikas Sharma	3	2	2	2	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2	2
19	17	Raj Kumar Jain	2	3	3	3	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2	2
20	18	Dr. Girraj Sharma	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3	2	2	2
21	19	Bhoopesh Kumawat	3	2	3	1	1	1	3	1	2	2	2	2	2	2	1	1	1	2	1	1	1
22	20	Jaiverdhan	3	2	2	3	1	1	3	1	2	2	2	3	3	1	1	1	1	2	1	1	1
23	21	Honey Agarwal	2	3	3	2	2	2	2	2	2	2	3	3	3	3	1	2	2	2	2	2	2
24	22	Rakesh Kardam	3	3	3	1	1	1	3	1	3	3	3	3	3	3	1	1	1	3	1	1	1
25	23	Devendra Sharma	3	3	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	3	2	1	1
26	24	Ankur Gangwar	2	3	2	2	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2	2
27	25	Deepmala Kulshrestha	2	3	1	3	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2	2
28	26	Ashish Sharma	2	2	2	2	2	2	3	2	3	2	2	2	2	2	2	2	2	3	2	2	2

Faculty Feedback - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View

Clipboard Font Alignment Number Styles Cells Editing

Calibri 11

General

Conditional Formatting as Table Styles

AutoSum Fill Clear Sort & Find & Filter Select

P4 fx 2

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
29	27	Deepak Sankhala	3	3	3	1	1	1	3	1	2	2	2	3	2	1	1	1	1	2	1	1
30	28	Yogita	3	3	2	3	1	1	2	1	2	2	2	2	3	1	1	1	1	2	1	1
31	29	Ritambhara	3	3	3	1	1	1	3	1	3	3	3	3	3	2	1	1	1	3	1	1
32	30	Yazusha Sharma	3	3	2	2	2	1	3	2	2	3	3	3	2	2	1	2	2	3	2	1
33	31	Jai Prakash Mishra	2	3	1	2	2	2	3	2	3	3	3	3	2	2	2	2	2	3	2	2
34	32	Aashish Kumar	2	3	1	3	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2
35	33	Mamta Rani	2	3	2	2	2	2	3	2	3	2	2	2	2	2	2	2	2	3	2	2
36	34	Nishi Atray	3	3	2	1	1	1	2	1	2	2	2	3	2	1	1	1	1	2	1	1
37	35	Tripti Dua	3	2	2	3	1	1	3	1	2	2	2	3	3	1	1	1	1	2	1	1
38	36	Anju Rajput	3	3	1	1	1	1	3	1	3	3	3	3	3	3	1	1	1	3	1	1
39			2.51429	2.57143	1.94286	1.82857	1.65714	1.57143	2.62857	1.65714	2.54286	2.51429	2.54286	2.57143	2.65714	1.97143	1.54286	1.6	1.65714	2.62857	1.74286	1.54286
40		Consistency	3	3	2	2	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2
41																						
42																						
43																						
44																						
45																						
46																						
47																						
48																						
49																						
50																						
51																						
52																						
53																						
54																						
55																						
56																						

Sheet1 / Sheet2 / Sheet3

Ready 80%

Search the web and Windows

8:41 PM 3/1/2021

Stakeholders	M1-PEO1	M1-PEO2	M1-PEO3	M1-PEO4	M1-PEO5	M2-PEO1	M2-PEO2	M2-PEO3	M2-PEO4	M2-PEO5	M3-PEO1	M3-PEO2	M3-PEO3	M3-PEO4	M3-PEO5	M4-PEO1	M4-PEO2	M4-PEO3	M4-PEO4	M4-PEO5
Alumni	2.625	2.589 286	1.785 714	1.660 714	1.821 429	1.660 714	2.625	1.785 714	2.589 286	2.642 857	2.607 143	2.714 286	2.660 714	1.785 714	1.678 571	1.517 857	1.714 286	2.75	1.839 286	1.714 286
Parents	2.578 9	2.737	1.763	1.578 9	1.736 842	1.789 474	2.5	1.789 474	2.631 579	2.578 947	2.710 526	2.605 263	2.578 947	1.947 368	1.736 842	1.5	1.684 211	2.578 947	1.842 105	1.684 211
Faculty	2.514 286	2.571 429	1.942 857	1.828 571	1.657 143	1.571 429	2.628 571	1.657 143	2.542 857	2.514 286	2.542 857	2.571 429	2.657 143	1.971 429	1.542 857	1.6	1.657 143	2.628 571	1.742 857	1.542 857
Final Mapping	3	3	2	2	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2

PEO	MISSION	To equip the students with strong foundation of basic sciences and domain knowledge of ECE, so that they are able to creatively apply their knowledge to design solution of problems arising in their career path.	To induce the habits of lifelong learning in order to continuously enhance overall performance.	Students are able to communicate their ideas clearly and concisely so that they can work in team as well as an individual.	To make the students responsive towards the ethical, social, environmental and economical growth of the society.	Correlator
<p>› provide students with the fundamentals of engineering sciences with more emphasis in electronics & Communication Engineering by way of analyzing and exploiting electronics & communication challenges.</p>	3	2	3	2	83.30%	
<p>› train students with good scientific and electronics & Communication Engineering knowledge so as to comprehend, analyze, design and create electronics & communication based novel products and solutions for the real life problems.</p>	3	3	3	2	91.60%	
<p>› inculcate professional and ethical attitude, effective communication skills, teamwork skills, multidisciplinary approach, entrepreneurial thinking and an ability to relate Electronics & Communication Engineering with social issues.</p>	2	2	3	3	83.30%	
<p>› provide students with an academic environment aware of excellence, leadership, written ethical codes and guidelines, and the self-motivated life-long learning needed for a successful Electronics & Communication Engineering professional career</p>	2	3	2	2	75%	
<p>› prepare students to excel in electronics & communication based industry and higher education by educating students in Electronics Communication Engineering field along with high moral values and knowledge</p>	2	3	2	2	75%	
Correlator	80.00%	86.66%	86.66%	73.33%		

Conference Presentation

RACON ppt - Microsoft Word

File Home Insert Page Layout References Mailings Review View

Calibri (Body) 11 A A

1 Normal 1 No Spacing Heading 1 Heading 2 Title Subtitle Subtle Emp... Emphasis

RACON 2020 Report (1) - Microsoft PowerPoint

Home Insert Design Transitions Animations Slide Show Review View

Department of Electronics & Communication Engineering

Vision of Institute

Mission of Institute

Department of Electronics & Communication Engineering

Vision of Department

Mission of Department

Department of Electronics & Communication Engineering

Program Educational Objectives (PEOs)

Program Specific Outcomes (PSOs)

Page: 1 of 1 Words: 0

Search the web and Windows

9:14 PM 3/1/2021

RACON ppt - Microsoft Word

File Home Insert Page Layout References Mailings Review View

Calibri (Body) 11 A A

1 Normal 1 No Spacing Heading 1 Heading 2 Title Subtitle Subtle Emp... Emphasis

RACON 2020 Report (1) - Microsoft PowerPoint

Home Insert Design Transitions Animations Slide Show Review View

Slide (1) page was revised that revised structure / design. The revised page will not be used until the previous version is replaced by the revised page in the presentation. The revised version will be used to replace the current presentation. The revised version will be used to replace the current presentation.

Sl. No.	Page No.	Topic
1	1	Department of Electronics & Communication Engineering
2	2	Vision of Institute
3	3	Mission of Institute
4	4	Department of Electronics & Communication Engineering
5	5	Vision of Department
6	6	Mission of Department
7	7	Program Educational Objectives (PEOs)
8	8	Program Specific Outcomes (PSOs)

Department of Electronics & Communication Engineering

RACON 2020

Page: 1 of 1 Words: 0

Search the web and Windows

9:14 PM 3/1/2021

Criteria 2

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
3	<p>2.1.1 State the process to identify extent of compliance of the University Curriculum for attaining the Program Outcomes & Program Outcomes (PSOs), mention the identified curricular gaps, if any</p>	<p>1. It has improved throughout last three years but it never achieved the targeted level.</p> <p>2. No impact on placement scenario and success rate.</p>	<ul style="list-style-type: none"> • Attainment of POs and PSOs are through Direct (80% End-semester Examination plus 20% Mid-Term Examination) and Indirect (Placement Data, Participation of Students in co-curricular activities and Surveys from Stakeholders). • In 2018-19, we set the target level corresponding to Placement as 60% and corresponding to Co-curricular activity participation as 70%, and after achieving the target in same session, we increased the target level corresponding to Placement as 70% and corresponding to co-curricular participation as 80% i.e. by 10% increase in both for session 2019-20. • By doing additional curricular and Extra-Curricular activities to bridge the gap with Experiential Learning and Participative Learning, we have achieved improved performance. <div style="text-align: center;"> <pre> graph TD A[Student centric methods] --> B[Experiential learning] A --> C[Participative learning] A --> D[Problem solving methodologies] B --> B1[Workshop practice] B --> B2[Lab experiments] B --> B3[Industrial training] B --> B4[Projects/research] B --> B5[Virtual lab] B --> B6[Simulation] B --> B7[Projects/Product development] B --> B8[Start-up] C --> C1[Guest lectures] C --> C2[Professional societies] C --> C3[Seminar/paper presentation] C --> C4[Industrial visit] C --> C5[Group discussion] C --> C6[Tutorials] C --> C7[Technical activities] C --> C8[Industrial training] C --> C9[Social Clubs] C --> C10[Sports] C --> C11[Cultural activities] D --> D1[Assignments] D --> D2[Tutorials] D --> D3[Design and simulation] D --> D4[Project] D --> D5[Hackathon] D --> D6[Technical competitions] </pre> </div> <ul style="list-style-type: none"> • The Success Rate includes students' participation in various technical and cultural activities, their participation in conferences, workshops, Industrial visits, Invited and Expert talks, their Placements, their results, their Projects, their mandatory industrial internships, etc. • Outcome of participative and experiential learning shows the impact in placement and other performance parameters. • Keeping a track of mentioned activities, participation is increased along with the results, placements, etc. listed in tables below.

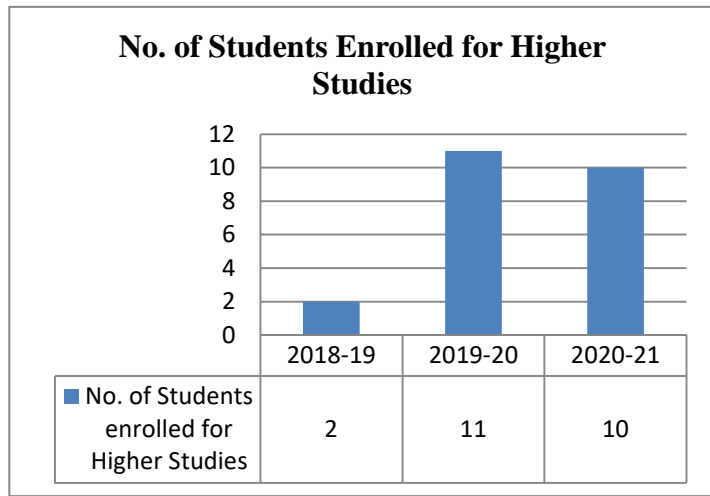
	2017-18	2018-19	2019-20
Total Students' Participation in Activities	1727	1848	1805* (Due to Covid, Technical Events were suspended)

S. No.	Academic Year	Activity Type	No. of Activities	Total Student Participation
1	2019-20	FACE Training	1	233
2		Workshop	4	716
3		Seminar	1	120
4		Industrial Visit	1	51
5		Invited Talks	3	368
6		Conferences	2	333
7	2018-19	FACE Training	1	227
8		Conferences	2	212
9		Workshops	3	268
10		Technical Events	12	742
11		Seminars	2	147
12		Expert Talk	3	142
13		Industrial Visit	1	110
14	2017-18	FACE Training	1	217
15		Workshops	5	509
16		Technical Events	12	583
17		Seminars	2	148
18		Industrial	3	128

		Visits		
19		Conference	1	126

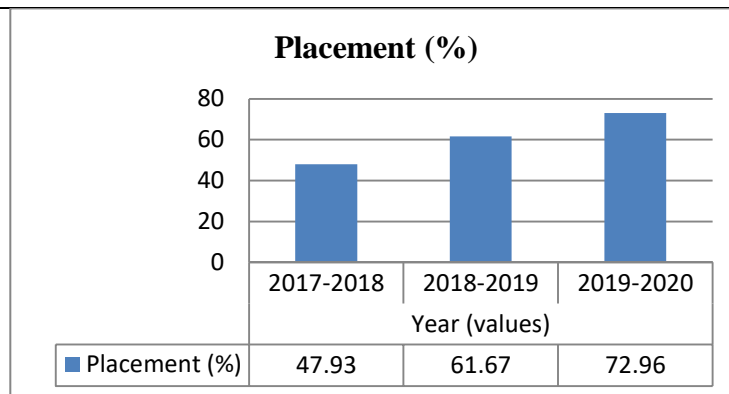
Higher Studies Stats

Academic Year	2018-19	2019-20	2020-21
No. of Students enrolled for Higher Studies	2	11	10



Placement Stats

Student Progression Report: Placement Numbers			
Category	Year (values)		
	2017-2018	2018-2019	2019-2020
Placed Students	104	140	170
Eligible Students	196	192	199
Total Students	217	227	233
% (on eligible)	53.06	72.92	85.43
%(on total)	47.93	61.67	72.96



Success Rate

Item	Latest Year of Graduation minus 2, LYGm2 (CAYm6) 2014-15	Latest Year of Graduation minus 1, LYGm1 (CAYm5) 2015-16	Latest Year of Graduation, LYG (CAYm4) 2016-17
Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry and separate division, if applicable	222	228	237
Number of students who have graduated without backlog in the stipulated period	108	95	100
Success Index (SI)	0.49	0.42	0.42
Average Success Index	0.44		

Item	Latest Year of Graduation minus 2, LYGm2 (CAYm6) 2014-15	Latest Year of Graduation minus 1, LYGm1 (CAYm5) 2015-16	Latest Year of Graduation, LYG (CAYm4) 2016-17
Number of students	222	228	237

			admitted in the corresponding First Year + admitted in 2nd year via lateral entry and separate division, if applicable			
			Number of students who have graduated with backlog in the stipulated period	114	133	137
			Success Index (SI)	0.51	0.58	0.58
			Average Success Index	0.56		

Detailed Activity List

S. No.	Academic year	Activity type	Activity name	Resource person/agency	No. Of students participated	Action taken for	Url of report
1	2019-20	Analytical training	FACE training	Focus academy	233	Placemen t	https://jecrcfoundation.com/jf-data/nba/ece/c-7/crt2019-20.pdf
2		Workshop s	Workshop on IOT enabled energy efficient systems	Mr. Siddharth singh director (techienest pvt. Ltd.)	56	Placemen t	https://jecrcfoundation.com/jf-data/nba/ece/2019-20/iotenabled.pdf
3			Workshop on applications of machine learning	Mr. Parth maheshwari (code planet tech.)	50	Placemen t	https://jecrcfoundation.com/jf-data/nba/ece/2019-20/mlwithpython.pdf
4			Workshop on virtual labs	Mr. Ashish ranjan and mr. Rajat kumar jha (virtual labs)	473	Placemen t	https://jecrcfoundation.com/jf-data/nba/ece/2019-20/vlabsworkshop.pdf

5			Workshop on ethical hacking	Mr. Sangeet chopra (cyber cure tech.)	137	Placemen t	https://jecrcfoundation.com/jf-data/nba/ece/2019-20/ethicalhacking.pdf
6		Seminars	(celebration of IEEE day) seminar on "IOT using raspberry pi & arduino	Mr. Sanjay singh (vice - chair ieee young professional, delhi section)	120	Placemen t	https://jecrcfoundation.com/jf-data/nba/ece/2019-20/ieeedaycelebrationreport_19-20.pdf
7		Industrial visit	Industrial tour at microtek limited	Travel12go.com	51	Placemen t	https://jecrcfoundation.com/jf-data/nba/ece/2019-20/industrialtourreport2019-20.pdf
8		Invited talks	Invited talk by mr. Jitendra tiwari of made easy education	Mr. Jitendra tiwari of made easy education	106	Research & innovatio n, higher studies	https://jecrcfoundation.com/jf-data/nba/ece/2019-20/madeeasy.pdf
9	Invited talk by mr. Pankaj talwar (jamboree india)		Mr. Pankaj talwar (jamboree india)	110	Research & innovatio n, higher studies	https://jecrcfoundation.com/jf-data/nba/ece/2019-20/jambooree.pdf	
10	Invited talk by mr. Dwijendra srivastava of IMS education		Mr. Dwijendra srivastava of ims education	152	Research & innovatio n, higher studies	https://jecrcfoundation.com/jf-data/nba/ece/2019-20/ims.pdf	
11		Conferenc e (national)	RACON-2020	Head of department, ece	175	Research & innovatio n, higher studies	https://jecrcfoundation.com/jf-data/nba/ece/c-7/racon2020report.pdf
12		Conferenc e (internatio nal)	ICCOMET-2020	Head of department, ece	158	Research & innovatio n	https://jecrcfoundation.com/jf-data/conference/rtd-eee-2018.pdf

13	2018-19	Analytical training	FACE training	Focus academy	227	Placemen t	https://jecrcfoundation.com/jf-data/nba/ece/c-7/crt2018-19.pdf
14		Conferenc e (national)	RACON-2019	Head of department, ece	25	Research & innovatio n, higher studies	https://jecrcfoundation.com/jf-data/conference/raccon-2019-report.pdf
15		Conferenc e (international)	ICCOMET-2019	Head of department, ece	187	Research & innovatio n	https://jecrcfoundation.com/jf-data/conference/icommet2019-report.pdf
16		Workshop	Workshop on IOT and python	Techienest private limited	22	Placemen t	https://jecrcfoundation.com/jf-data/nba/ece/2018-19/iotfinal.pdf
17			Workshop on embedded systems	Techienest private limited	121	Placemen t	https://jecrcfoundation.com/jf-data/nba/ece/2018-19/embeddedfinal.pdf
18			Workshop on VLSI technology	Techienest private limited	125	Placemen t	https://jecrcfoundation.com/jf-data/nba/ece/2018-19/vlsifinal.pdf
19		Technical events	Robo war	Mr. Manish jain(dy. Director jecrc)	24	Placemen t	https://jecrcfoundation.com/jf-data/nba/ece/2018-19/technicalevents2018-19.pdf
20			Robo soccer	Mr. Sanjay banal, director(project lab india)	90		https://jecrcfoundation.com/jf-data/nba/ece/2018-19/technicalevents2018-19.pdf
21			Line follower	Dr. Manish gupta,	50		https://jecrcfoundation.com/jf-

			associate professor in ju		data/nba/ece/2018-19/technicalevents2018-19.pdf
22		Sumo war	Mr. Naveen panwar, director (iist)	42	https://jeecrfoundation.com/jf-data/nba/ece/2018-19/technicalevents2018-19.pdf
23		Formula zero	Mr. Manish jain, assistant professor , jnit	115	https://jeecrfoundation.com/jf-data/nba/ece/2018-19/technicalevents2018-19.pdf
24		Drone racing championship	Mr. Siddharth singh, director (techienest pvt. Ltd.)	42	https://jeecrfoundation.com/jf-data/nba/ece/2018-19/technicalevents2018-19.pdf
25		Technophillia	Prof. K. M. Singh, jecrc university	58	https://jeecrfoundation.com/jf-data/nba/ece/2018-19/technicalevents2018-19.pdf
26		Reverse engineering (phoenix)	Mr. Rahul sharma, dy. Manager (genus pvt. Ltd.)	76	https://jeecrfoundation.com/jf-data/nba/ece/2018-19/technicalevents2018-19.pdf
27		Renovators	Prof. Arun chopra, associate professor in ju	56	https://jeecrfoundation.com/jf-data/nba/ece/2018-19/technicalevents2018-19.pdf
28		Quiz (quizholic)	Mr. Siddharth singh director (techienest pvt. Ltd.)	100	https://jeecrfoundation.com/jf-data/nba/ece/2018-19/technicalevents2018-19.pdf
29		Techno inbuzz		30	https://jeecrfoundation.com/jf-data/nba/ece/2018-19/technicalevents2018-19.pdf

						tion.com/jf-data/nba/ece/2018-19/technicalevents2018-19.pdf
30		Tech. Tambolla		59		https://jeecrfoundation.com/jf-data/nba/ece/2018-19/technicalevents2018-19.pdf
31	Seminars	Gate orientation programme (activity carried out under RTU (ATU) TEQIP-III)	(activity carried out under RTU (ATU) TEQIP-iii)	55	Placemen t	https://jeecrfoundation.com/jf-data/nba/ece/2018-19/gateorientation.pdf
32		Seminar on app development	Mr. Bijendra ratiya	92	Placemen t	https://jeecrfoundation.com/jf-data/nba/ece/2018-19/appdevelopment.pdf
33	Expert talks	Expert talk on block chain technology	Dr. Rajiv mathur, cto, chainvine ltd	58	Placemen t	https://jeecrfoundation.com/jf-data/nba/ece/2018-19/blockchain.pdf
34		Expert talk on foreign policies	Ashok kumar (section officer-ministry of external affairs)	56	Placemen t	https://jeecrfoundation.com/jf-data/nba/ece/2018-19/foreignpolicy.pdf
35		Expert talk on remote process automation (RPA)	By mr. Vaibhav jain sr. Technical advisor earnst & young ltd.	33	Placemen t	https://jeecrfoundation.com/jf-data/nba/ece/2018-19/rpa.pdf
36	Industrial tour	Industrial visit at TESCA technologies pvt. Ltd	Tesca technologies pvt. Ltd., jaipur	110	Placemen t	https://jeecrfoundation.com/jf-data/nba/ece/2018-19/indvisittesca2018-19.pdf

37	2017-18	Analytical training	FACE training	Focus academy	217	Placemen t	https://jecrcfoundation.com/jf-data/nba/ece/c-7/crt2017-18.pdf
36		Workshop s	Embedded systems & robotics organized by techinest pvt. Ltd.	Mr. Siddharth singh (director, techienest)	56	Placemen t	https://jecrcfoundation.com/jf-data/nba/ece/2017-18/embeddedsystemsandrobotics.pdf
37			Embedded & robotics organized by sakrobotix	Mr.sakya singha mahapatra (senior trainer, sakrobotix)	66	Placemen t	https://jecrcfoundation.com/jf-data/nba/ece/2017-18/embedded22jan15march.pdf
38			Workshop on CCNA networking	Mr. Neeraj panwar (trainer, iiht)	58	Placemen t	https://jecrcfoundation.com/jf-data/nba/ece/2017-18/ccna.pdf
39			Workshop on redhat tech.	Mr. Alok srivastava (senior trainer, redhat)	214	Placemen t	https://jecrcfoundation.com/jf-data/nba/ece/2017-18/redhatfinal.pdf
40			Workshop on spybot- spy robotic workshop organized by techinest pvt. Ltd	Mr. Saurabh bharadwaj (trainer, techienest)	215	Placemen t	https://jecrcfoundation.com/jf-data/nba/ece/2017-18/spybot.pdf
41			Technical events	Robo war	Mr. Manish jain(dy. Director jecrc)	24	Placemen t
42		Robo soccer		Mr. Sanjay banal, director (project lab,	70	https://jecrcfoundation.com/jf-data/nba/ece/2017-	

				india)		18/techevents2017-18.pdf
43			Line follower	Dr. Manish gupta, associate professor in ju	50	https://jeecrfoundation.com/jf-data/nba/ece/2017-18/techevents2017-18.pdf
44			Sumo war	Mr. Naveen panwar, director(iist)	42	https://jeecrfoundation.com/jf-data/nba/ece/2017-18/techevents2017-18.pdf
45			Formula zero	Mr. Manish jain, assistant professor , jnit	75	https://jeecrfoundation.com/jf-data/nba/ece/2017-18/techevents2017-18.pdf
46			Drone racing championship	Mr. Siddharth singh, director (techienest pvt. Ltd.)	42	https://jeecrfoundation.com/jf-data/nba/ece/2017-18/techevents2017-18.pdf
47			Technophillia	Prof. K. M. Singh, jecrc university	58	https://jeecrfoundation.com/jf-data/nba/ece/2017-18/techevents2017-18.pdf
48			Reverse engineering (phoenix)	Mr. Rahul sharma, dy. Manager (genus pvt. Ltd.)	76	https://jeecrfoundation.com/jf-data/nba/ece/2017-18/techevents2017-18.pdf
49			Renovators	Dr. Arun chopra, associate professor in ju	56	https://jeecrfoundation.com/jf-data/nba/ece/2017-18/techevents2017-18.pdf
50			Quiz (quizholic)	Mr. Siddharth singh director	70	https://jeecrfoundation.com/jf-

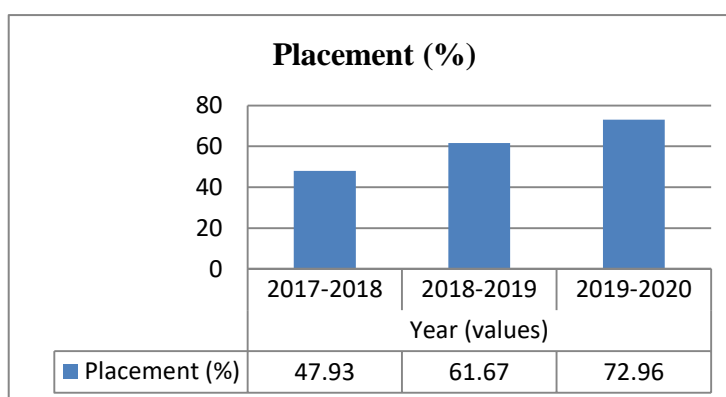
			(techienest pvt. Ltd.)			data/nba/ece/2017-18/techevents2017-18.pdf
51		Techno inbuzz		30		https://jeercfoundation.com/jf-data/nba/ece/2017-18/techevents2017-18.pdf
52		Tech. Tambolla		59		https://jeercfoundation.com/jf-data/nba/ece/2017-18/techevents2017-18.pdf
53	Seminars	Seminar on embedded system	Mr. Chetan prakash, trainer (aptron india)	75	Placemen t	https://jeercfoundation.com/jf-data/nba/ece/2017-18/seminaraptron.pdf
54						
55		Seminar on wireless technologies	Mr. Atul rajput, manager, indovision, noida	73	Placemen t	https://jeercfoundation.com/jf-data/nba/ece/2017-18/huawei.pdf
56						
57	Expert talks	How to apply control systems in real life	Dr. Rajiv gupta (pro-vc, rtu, kota)	56	Placemen t	https://jeercfoundation.com/jf-data/nba/ece/2017-18/societyandcontrol.pdf
58	Industrial visits	RTTC, BSNL, jaipur	Regional telecom training center, bsnl	50	Placemen t	https://jeercfoundation.com/jf-data/nba/ece/2017-18/bsnl_industrial_visit.pdf
59		Industrial visit at TESCA technologies pvt. Ltd.,	Tesca technologies pvt. Ltd.	27	Placemen t	https://jeercfoundation.com/jf-data/nba/ece/2017-18/indvisittesca.pdf
60						
61		Industrial visit	Philips	51	Placemen t	https://jeercfoundation.com/jf-data/nba/ece/2017-18/indvisittesca.pdf

			at philips lighting	lighting mr. Suresh negi (manager-production)		t	tion.com/jf-data/nba/ece/2017-18/industrialtourreport_2017-18.pdf
62		Conference (international)	RTDEEE-2018	Head of department, ece	126	Research & innovation	https://jecrcfoundation.com/jf-data/conference/rtd-eee-2018.pdf

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
4	2.1.2 State the delivery details of the content beyond the syllabus for the attainment of POs & PSOs	Some inefficient steps adopted but it does not improve student's final semester results and other performance parameters.	<ul style="list-style-type: none"> • ICT enabled tools used for students' development in the following manner: <ul style="list-style-type: none"> ➤ Attending classes through Google classroom, Google-meet, zoom, etc. ➤ Attending Virtual Labs/Lab videos (https://www.jecrcfoundation.com/pdf/virtual%20lab%20expression%20of%20interest.pdf) ➤ Studying via videos provided by faculty members. (Screenshot shown below) ➤ Company-specific training and Placement drive. ➤ Industry Institute Interaction. ➤ Swayam-Prabha, NPTEL, MOOC videos. (https://www.jecrcfoundation.com/pdf/swayam/SWAYAM_EC.pdf), (https://www.jecrcfoundation.com/student-corner/nptel) • The faculty used ICT facilities for the following purposes. <ul style="list-style-type: none"> ➤ Dissemination of video lectures, video labs/virtual labs. ➤ Swayam-Prabha, NPTEL, MOOC videos. ➤ Industry Institute Interaction (FDP/Conferences/Webinars.) ➤ For continuous assessment (assignment/tutorial, etc.). ➤ Faculty members have uploaded their Lecture Notes, Videos of Lab-practical on college Website (Screenshot shown below) ➤ On the basis of activities done under Experiential Learning and Participation Learning (Table shown below), department have noticed significant improvement in participation in Conferences, SIH, Student Results, and Overall student Performance.

Placement Stats

Student Progression Report: Placement Numbers			
Category	Year (values)		
	2017-2018	2018-2019	2019-2020
Placed Students	104	140	170
Eligible Students	196	192	199
Total Students	217	227	233
% (on eligible)	53.06	72.92	85.43
%(on total)	47.93	61.67	72.96



SIH Performance Data

S. No.	Projects Done	No. of Participants	URL of Report
1	SIH-2020	6	http://jecrcfoundation.com/jf-data/NBA/ECE/Achievment/SIH2020.pdf
2	SIH-2019	5	http://jecrcfoundation.com/jf-data/NBA/ECE/Achievment/sih2019.pdf

Website Screenshots for Lecture Notes, Video Notes, etc.

The screenshot shows a web browser window with the URL `jecrcfoundation.com/student-corner/notes`. The page features a navigation menu with items like 'About Us', 'Placements', 'IQAC', 'Departments', 'Research', 'Extension', 'Events & Activities', 'Student's Corner', 'Faculty Corner', 'Gallery', 'SAR', 'NAAC', and 'Contact Us'. Below the navigation is a dark blue header with the text 'Subject Notes'. The main content area contains three dropdown menus: 'Select Branch' (Electronics Communication Engineer), 'Select Semester' (3rd Semester), and 'Select Subject' (Network Theory). Below these is a table with two columns: 'Subject Notes' and 'Download'. The table lists five units: Unit 1.docx, unit 2.docx, Unit 3.docx, Unit 4.docx, and Unit 5.ppt, each with a corresponding 'Download' button. A Windows watermark is visible in the bottom right corner of the page content.

The screenshot shows a web browser window with the URL `jecrcfoundation.com/student-corner/lab-videos`. The page features a navigation menu similar to the previous screenshot. Below the navigation is a dark blue header with the text 'Video Lectures'. The main content area contains three dropdown menus: 'Select Branch' (Electronics and Communication Eng), 'Select Semester' (5th Semester), and 'Select Subject' (Digital Signal and Processing). Below these are two video thumbnails. The first thumbnail is titled '8 FFT' and shows a MATLAB script with a play button overlay. The second thumbnail is titled '6 Probability Distribution' and shows a MATLAB script with a play button overlay. A Windows watermark is visible in the bottom right corner of the page content.

The screenshot shows the JECRC Foundation website. The navigation menu includes: About Us, Placements, IQAC, Departments, Research, Extension, Events & Activities, Student's Corner, Faculty Corner, Gallery, SAR, NAAC, and Contact Us. A dropdown menu for 'Student's Corner' is open, listing various services and resources. Below the menu is a table with 6 rows and 2 columns: S.No and Department.

S.No	Department
1	Computer Science & Engineering
2	Civil Engineering
3	Electronics & Communication
4	Electrical Engineering
5	Information Technology
6	Mechanical Engineering

The dropdown menu for 'Student's Corner' includes: ICT, SDO Cell, Internships & Industrial Visits, Add-on Certificate Program, Student Notices, JECRC Renaissance, Student Centric Learning, Sports & Cultural, Student Grievance Mechanism, Student Assessment & Guidelines, Student Facility Application Form, Guidelines/Scheme/Facilities for Divyangjan, Brochures, Student Message, and SDP Donation. Other visible items in the dropdown include Subject Notes, Lab Videos, Virtual Lab, NPTEL, and Swayam Prabha / Swayam National Digital Library.

National Conference Participation Data

S. No	Academic Year	Activity Type	Activity Name	No. of students Participated	Action Taken for	URL of Report
1	2019-20	Conference (National)	RACON-2020	175	Research & Innovation, Higher studies	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/RACON2020Report.pdf
2	2018-19	Conference (National)	RACON-2019	25	Research & Innovation, Higher Studies	https://jecrcfoundation.com/jf-data/Conference/RACON-2019-Report.pdf

List of Activities based on Experiential and Participation Learning

S. No.	Academic Year	Category	Activity Type	Activity Name	Resource Person /Agency	No. of students Participated	URL of Report
1	2019-20	Participative Learning	Analytical Training	FACE Training	Focus Academy	233	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/RACON2020Report.pdf

							7/CRT2019-20.pdf
2		Experiential Learning	Workshops	Workshop on IOT enabled energy efficient Systems	Mr. Siddharth Singh Director (TechieNest Pvt. Ltd.)	56	https://jecrcfoundation.com/jf-data/NBA/ECE/2019-20/IoTEEnabled.pdf
3	Workshop on Applications of Machine Learning			Mr. Parth Maheshwari (Code Planet Tech.)	50	https://jecrcfoundation.com/jf-data/NBA/ECE/2019-20/MLwithPython.pdf	
4	WorkShop on Virtual Labs			Mr. Ashish Ranjan and Mr. Rajat Kumar Jha (Virtual Labs)	473	https://jecrcfoundation.com/jf-data/NBA/ECE/2019-20/VLABSWorkshop.pdf	
5	Workshop on Ethical Hacking			Mr. Sangeet Chopra (Cyber Cure Tech.)	137	https://jecrcfoundation.com/jf-data/NBA/ECE/2019-20/EthicalHacking.pdf	
6	Participative Learning	Seminars	(Celebration of IEEE Day) Seminar on "IOT Using Raspberry PI & Arduino	Mr. Sanjay Singh (Vice - Chair IEEE Young Professional, Delhi Section)	120	https://jecrcfoundation.com/jf-data/NBA/ECE/2019-20/IEEEDayCelebrationReport_19-20.pdf	
7	Participative Learning	Industrial Visit	Industrial Tour at Microtek Limited	Travel12go.com	51	https://jecrcfoundation.com/jf-data/NBA/ECE/2019-20/IndustrialTourReport2019-20.pdf	

8		Participative Learning	Invited Talks	Invited talk by Mr. Jitendra tiwari of made easy education	Mr. Jitendra tiwari of made easy education	106	https://jecrcfoundation.com/jf-data/NBA/ECE/2019-20/MadeEasy.pdf	
9				Invited talk by Mr. Pankaj talwar (jamboree india)	Mr. Pankaj talwar (jamboree india)	110	https://jecrcfoundation.com/jf-data/NBA/ECE/2019-20/Jambooree.pdf	
10				Invited talk by Mr. Dwijendra srivastava of IMS education	Mr. Dwijendra srivastava of ims education	152	https://jecrcfoundation.com/jf-data/NBA/ECE/2019-20/IMS.pdf	
11		Participative Learning	Conference (National)	RACON-2020	Head of Department, ECE	175	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/RACON2020Report.pdf	
12			Conference (International)	ICCOMET-2020	Head of Department, ECE	158	https://jecrcfoundation.com/jf-data/Conference/RTDEEE-2018.pdf	
13		2018-19	Participative Learning	Analytical Training	FACE Training	Focus Academy	227	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/CRT2018-19.pdf
14			Participative Learning	Conference (National)	RACON-2019	Head of Department, ECE	25	https://jecrcfoundation.com/jf-data/Conference/RACON-2019-Report.pdf
15				Conference (International)	ICCOMET-2019	Head of Department, ECE	187	https://jecrcfoundation.com/jf-data/Conference/ICCOMET2019-

							Report.pdf
16	Experiential Learning	Workshop	Workshop on IOT and Python	TechieNest Private Limited	22	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/IoTFinal.pdf	
17			Workshop on Embedded Systems	TechieNest Private Limited	121	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/EmbeddedFinal.pdf	
18			Workshop on VLSI Technology	TechieNest Private Limited	125	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/VlsiFinal.pdf	
19	Participative Learning	Technical Events	Robo War	Mr. Manish Jain(Dy. Director JECRC)	24	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf	
20			Robo Soccer	Mr. Sanjay Banal, Director(Project Lab India)	90	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf	
21			Line Follower	Dr. Manish Gupta, Associate Professor In JU	50	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf	
22			Sumo War	Mr. Naveen Panwar, Director (IIST)	42	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf	

						018-19.pdf	
23				Formula Zero	Mr. Manish Jain, Assistant Professor, JNIT	115	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf
24				Drone Racing Championship	Mr. Siddharth Singh, Director (TechieNest Pvt. Ltd.)	42	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf
25				Technophilia	Prof. K. M. Singh, JECRC University	58	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf
26				Reverse Engineering (Phoenix)	Mr. Rahul Sharma, Dy. Manager (Genus Pvt. Ltd.)	76	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf
27				Renovators	Prof. Arun Chopra, Associate Professor in JU	56	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf
28				Quiz (Quizholic)	Mr. Siddharth Singh, Director (TechieNest Pvt. Ltd.)	100	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf
29				Techno InBuzz		30	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf

							= 19/TechnicalEvents2018-19.pdf
30				Tech. Tambolla		59	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf
31	Participative Learning	Seminars	GATE ORIENTATION PROGRAMME (Activity carried out under RTU (ATU) TEQIP-III)	(Activity carried out under RTU (ATU) TEQIP-III)	55	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/GateOrientation.pdf	
32			Seminar on App Development	Mr. Bijendra Ratiya	92	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/AppDevelopment.pdf	
33	Participative Learning	Expert Talks	Expert talk on Block Chain Technology	Dr. Rajiv Mathur, CTO, Chainvine Ltd	58	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/BlockChain.pdf	
34			Expert talk on Foreign Policies	Ashok Kumar (SECTION OFFICER-MINISTRY OF EXTERNAL AFFAIRS)	56	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/ForeignPolicy.pdf	
35			Expert talk on Remote	By Mr. Vaibhav	33	https://jecrcfoundation.com/jf-	

				Process Automation (RPA)	Jain Sr. Technical advisor Earnst & young Ltd.		data/NBA/ECE/2018-19/RPA.pdf
36		Participative Learning	Industrial Tour	Industrial visit at Tesca Technologies Pvt. Ltd	Tesca Technologies Pvt. Ltd., Jaipur	110	https://jeecrfoundation.com/jf-data/NBA/ECE/2018-19/IndVisitTesca2018-19.pdf
37		Participative Learning	Analytical Training	FACE Training	Focus Academy	217	https://jeecrfoundation.com/jf-data/NBA/ECE/C-7/CRT2017-18.pdf
36	2017-18	Experiential Learning	Workshops	Embedded Systems & Robotics organized by TechNest Pvt. Ltd.	Mr. Siddharth Singh (Director, TechieNest)	56	https://jeecrfoundation.com/jf-data/NBA/ECE/2017-18/EmbeddedSystemsAndRobotics.pdf
37				Embedded & Robotics organized by SaKRobotix	Mr.Sakya Singha Mahapatra (Senior Trainer, SaKRobotix)	66	https://jeecrfoundation.com/jf-data/NBA/ECE/2017-18/embedded22jan15march.pdf
38				Workshop on CCNA Networking	Mr. Neeraj panwar (Trainer, IIHT)	58	https://jeecrfoundation.com/jf-data/NBA/ECE/2017-18/ccna.pdf
39				Workshop on Redhat Tech.	Mr. Alok Srivastava (Senior Trainer, Redhat)	214	https://jeecrfoundation.com/jf-data/NBA/ECE/2017-18/RedhatFinal.pdf
40				Workshop on	Mr. Saurabh	215	https://jeecrfoundation.com/jf-

				SPYBOT-Spy Robotic Workshop organized by TechiNest Pvt. Ltd	Bharadwaj (Trainer, TechieNest)		data/NBA/ECE/2017-18/SpyBot.pdf
41	Participative Learning	Technical Events	Robo War	Mr. Manish Jain(Dy. Director JECRC)	24	https://jeecrfoundation.com/jf-data/NBA/ECE/2017-18/TechEvents2017-18.pdf	
42			Robo Soccer	Mr. Sanjay Banal, Director (Project Lab, India)	70	https://jeecrfoundation.com/jf-data/NBA/ECE/2017-18/TechEvents2017-18.pdf	
43			Line Follower	Dr. Manish Gupta, Associate Professor In JU	50	https://jeecrfoundation.com/jf-data/NBA/ECE/2017-18/TechEvents2017-18.pdf	
44			Sumo War	Mr. Naveen Panwar, Director(II ST)	42	https://jeecrfoundation.com/jf-data/NBA/ECE/2017-18/TechEvents2017-18.pdf	
45			Formula Zero	Mr. Manish Jain, Assistant Professor , JNIT	75	https://jeecrfoundation.com/jf-data/NBA/ECE/2017-18/TechEvents2017-18.pdf	
46			Drone Racing Champions	Mr. Siddharth Singh,	42	https://jeecrfoundation.com/jf-data/NBA/ECE/2017-18/TechEvents2017-18.pdf	

				hip	Director (TechieNest Pvt. Ltd.)		= 18/TechEvents2017-18.pdf
47				Technophilia	Prof. K. M. Singh, JECRC University	58	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/TechEvents2017-18.pdf
48				Reverse Engineering (Phoenix)	Mr. Rahul Sharma, Dy. Manager (Genus Pvt. Ltd.)	76	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/TechEvents2017-18.pdf
49				Renovators	Dr. Arun Chopra, Associate Professor in JU	56	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/TechEvents2017-18.pdf
50				Quiz (Quizholic)		70	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/TechEvents2017-18.pdf
51				Techno InBuzz	Mr. Siddharth Singh Director (TechieNest Pvt. Ltd.)	30	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/TechEvents2017-18.pdf
52				Tech. Tambolla		59	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/TechEvents2017-18.pdf

53	Participative Learning	Seminars	Seminar on Embedded System	Mr. Chetan Prakash, Trainer (Apron India)	75	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/SeminarApron.pdf	
55			Seminars	Seminar on Wireless Technologies	Mr. Atul Rajput, Manager, Indovision, Noida	73	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/Huawei.pdf
56							
57	Participative Learning	Expert Talks	How to apply control systems in real life	Dr. Rajiv Gupta (Pro-VC, RTU, Kota)	56	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/SocietyandControl.pdf	
58	Participative Learning	Industrial Visits	RTTC, BSNL, Jaipur	Regional Telecom Training Center, BSNL	50	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/BSNL_Industrial_Visit.pdf	
59			Industrial Visit at Tesca Technologies Pvt. Ltd.,	Tesca Technologies Pvt. Ltd.	27	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/IndVisitTesca.pdf	
61			Industrial Visit at Philips lighting	Philips lighting Mr. Suresh Negi (Manager-Production)	51	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/IndustrialTourReport_2017-18.pdf	
62	Participative Learning	Conference (International)	RTDEEE-2018	Head of Department, ECE	126	https://jecrcfoundation.com/jf-data/Conference/RTDEEE-2018.pdf	

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
5.	<p>2.2.1 Describe the process followed to improve the quality of teaching learning</p>	<p>There is no evidence for encouraging bright students and no follow up action based on students feedback</p>	<p>Continuous Assessment Flowchart</p> <pre> graph TD CA[Continuous Assessment] --> PE[Practical Exams] CA --> TH[Theory] PE --> CE[Continuous evaluation] PE --> IPE[Internal Practical Exams] TH --> UT[Unit Tests] TH --> IE[Internal Exams] CE --> LR[Lab Record] CE --> V[Viva] CE --> P[Performance] LR --> IPE V --> IPE P --> IPE IPE --> ACO{Achieved set target of CO attainment?} UT --> ACO IE --> ACO ACO -- Yes --> AL[Advanced Learner] ACO -- No --> SL[Slow Learner] AL --> C[Conferences] AL --> PD[Project Development] AL --> SU[Start-ups] AL --> IC[Incubation Centre] SL --> AS[Assignments] SL --> M[Mentoring] SL --> RC[Remedial Classes] AS --> RE[Reassessment] M --> RE RC --> RE RE --> AO{Achieved overall target?} AO -- Yes --> AL AO -- No --> SMT[Subject wise mentoring] SMT --> ACO SMT --> ACW{Achieved course wise target?} ACW -- Yes --> AL ACW -- No --> SMT </pre> <ul style="list-style-type: none"> • Department have provided various platforms for encouraging bright students as mentioned in table below. <ul style="list-style-type: none"> ➤ Student Volunteer in RACON-2019 and RACON-2020 ➤ ICCOMET Fee Relaxation ➤ Hardware support for Robotics Lab ➤ Student Development Cell Membership ➤ Tutorial Sheet In-charge ➤ Technical Activity/Event Student In-charge ➤ Classes for under-privileged children

- Start-Up Funding and provide Place to work
- Feedback forms, Mechanism and action taken reports are also available on the institute websites.

S. No.	Types of Feedbacks	URL Of Feedbacks
1	Student's Curriculum Feedback Form	https://forms.gle/zf81BNcSCnUtcc2J7
2	Students Feedback On Teaching Learning	https://forms.gle/bmeUV44GyKTkkzay7
3	Students Extra-Curricular Feedback Form	https://forms.gle/FdzxwxoZZEW99usv9
4	Parent's Feedback Form	https://forms.gle/RiwFvo p6a5NHqpyG7
5	Student's Facility Feedback Form	https://forms.gle/GhxvQUNrRyGSUsBQA
6	Student's Hostel Facility Feedback Form	https://forms.gle/xeHNUd4dixmNuF2B9
7	Student's Feedback (Transport Facility) Form	https://forms.gle/Y8gAnoQmg9hoTbeJ8
8	General Feedback Form	https://forms.gle/fEwp5T1zbGS2xpvK7
9	Student's Course Outcome Feedback Form	https://forms.gle/GnxSy4NCVzotjtKBA
10	Student's Program Exit Feedback Form	https://forms.gle/U82EsGyfiQLkPPQd8
11	Employee Feedback Form	https://forms.gle/fHumzaPAYSrKQBds8
12	Industrial Training Feedback Form	https://forms.gle/AhmpicDXssa3QWkr9
13	Feedback (from Alumni/Employer) on Curriculum	http://jecrcfoundation.com/jf-data/NBA/ECE/EC1/AlumniFeedbackforCurriculum.pdf

- Action taken Reports are sent to students for circulation among stakeholders. (Screenshots are shown below)



Bhoopesh Kumar Kumawat <bhoopesh.ece@jecrc.ac.in>

Fwd: Regarding action taken report of alumni feedback analysis to be shared with all alumni student's in your respective departments

1 message

Ashutosh Sharma <ashutoshsharma.ece@jecrc.ac.in>
To: Bhoopesh Kumar Kumawat <bhoopesh.ece@jecrc.ac.in>

Wed, Mar 3, 2021 at 9:55 AM

----- Forwarded message -----

From: Ashutosh Sharma <ashutoshsharma.ece@jecrc.ac.in>
Date: Mon, Nov 23, 2020 at 12:52 PM
Subject: Fwd: Regarding action taken report of alumni feedback analysis to be shared with all alumni student's in your respective departments
To: <batch2021ece@googlegroups.com>, <Batch2020ece@googlegroups.com>, <batch2019ece@googlegroups.com>, <aggrani2014@googlegroups.com>, <aggrani2013@googlegroups.com>, <aggrani2012@googlegroups.com>

----- Forwarded message -----

From: HoD ECE <hod.ece@jecrc.ac.in>
Date: Tue, 10 Nov 2020, 4:39 pm
Subject: Fwd: Regarding action taken report of alumni feedback analysis to be shared with all alumni student's in your respective departments
To: Ashutosh Sharma <ashutoshsharma.ece@jecrc.ac.in>

--
Regards

Dr. Sandeep Vyas

Associate Professor

Electronics and Communication Engineering Department

Jaipur Engineering College & Research Centre

(Sitapura RIICO, Tonk Road, Jaipur, Rajasthan 302022)

Email: dr.sandeepvyas.ee@jecrc.ac.in

Telephone: +919413965018 (M)

Fellow Member: IETE, OSI Senior Member: IEEE Member: OSA, SPIE, IEEE Photonics, LM ISTE

Member: Treasurer IEEE Rajasthan Subsection, Executive Committee member IETE Rajasthan Centre,

Faculty Advisor: OSA Student Chapter (JECRC), IETE Students Forum (JECRC)

----- Forwarded message -----

From: IQAC JECRC <iqac@jecrc.ac.in>
Date: Tue, Nov 10, 2020 at 2:54 PM
Subject: Regarding action taken report of alumni feedback analysis to be shared with all alumni student's in your respective departments
To: HoD Civil <hod.ce@jecrc.ac.in>, HoD CS <hod.cse@jecrc.ac.in>, HoD IT <hod.it@jecrc.ac.in>, HoD ME <hod.me@jecrc.ac.in>, HoD EE <hod.ee@jecrc.ac.in>, HoD ECE <hod.ece@jecrc.ac.in>, Priyanka Shukla <priyanka.shukla@jecrc.ac.in>, Alumni JECRC <alumni@jecrc.ac.in>
Cc: Vice Chairman <vicechairman@jecrc.ac.in>, Director JECRC <director@jecrc.ac.in>, Principal JECRC <principal@jecrcmail.com>, Registrar <registrar@jecrc.ac.in>

Noting Reference No.: IQAC/JECRC/2019-20/163

NOTICE

From: IQAC	TO: All Program coordinators & Alumni Head
-------------------	---

Kindly share the action taken report of alumni feedback analysis with the alumni students.

IQAC Incharge

CC
Principal
Registrar



Bhoopesh Kumar Kumawat <bhoopesh.ece@jecrc.ac.in>

Fwd: Regarding action taken report of parents feedback analysis with the parents

1 message

Ashutosh Sharma <ashutoshsharma.ece@jecrc.ac.in>
 To: Bhoopesh Kumar Kumawat <bhoopesh.ece@jecrc.ac.in>

Wed, Mar 3, 2021 at 9:56 AM

----- Forwarded message -----

From: Ashutosh Sharma <ashutoshsharma.ece@jecrc.ac.in>
 Date: Mon, Nov 23, 2020 at 12:50 PM
 Subject: Fwd: Regarding action taken report of parents feedback analysis with the parents
 To: <batch2021ece@googlegroups.com>, <Batch2020ece@googlegroups.com>, <batch2019ece@googlegroups.com>, <aggrani2014@googlegroups.com>, <aggrani2013@googlegroups.com>, <aggrani2012@googlegroups.com>

----- Forwarded message -----

From: HoD ECE <hod.ece@jecrc.ac.in>
 Date: Tue, 10 Nov 2020, 4:42 pm
 Subject: Fwd: Regarding action taken report of parents feedback analysis with the parents
 To: Ashutosh Sharma <ashutoshsharma.ece@jecrc.ac.in>

--

Regards

Dr. Sandeep Vyas**Associate Professor**

Electronics and Communication Engineering Department

Jaipur Engineering College & Research Centre

(Sitapura RIICO, Tonk Road, Jaipur, Rajasthan 302022)

Email: dr.sandeepvyas.ee@jecrc.ac.in

Telephone: +919413965018 (M)

Fellow Member: IETE, OSI Senior Member: IEEE Member: OSA, SPIE, IEEE Photonics, LM ISTE**Member: Treasurer IEEE Rajasthan Subsection, Executive Committee member IETE Rajasthan Centre,****Faculty Advisor: OSA Student Chapter (JECRC), IETE Students Forum (JECRC)**

----- Forwarded message -----

From: IQAC JECRC <iqac@jecrc.ac.in>
 Date: Tue, Nov 10, 2020 at 3:37 PM
 Subject: Regarding action taken report of parents feedback analysis with the parents
 To: HoD Civil <hod.ce@jecrc.ac.in>, HoD CS <hod.cse@jecrc.ac.in>, HoD IT <hod.it@jecrc.ac.in>, HoD ME <hod.me@jecrc.ac.in>, HoD EE <hod.ee@jecrc.ac.in>, HoD ECE <hod.ece@jecrc.ac.in>, Dean First Year <deanfirstyear@jecrc.ac.in>
 Cc: Vice Chairman <vicechairman@jecrc.ac.in>, Director JECRC <director@jecrc.ac.in>, Principal JECRC <principal@jecrcmail.com>, Registrar <registrar@jecrc.ac.in>

Noting Reference No.: IQAC/JECRC/2019-20/164

NOTICE

From: IQAC	TO: All Program coordinators & 1st Year Dean
-------------------	---

Kindly share the action taken report of parents feedback analysis with the parents.

IQAC Incharge

CC
 Principal
 Registrar
 All IQAC Members



Bhoopesh Kumar Kumawat <bhoopesh.ece@jecrc.ac.in>

Fwd: Regarding action taken report of student's feedback analysis to be shared with all student's in your respective departments

1 message

Ashutosh Sharma <ashutoshsharma.ece@jecrc.ac.in>
 To: Bhoopesh Kumar Kumawat <bhoopesh.ece@jecrc.ac.in>

Wed, Mar 3, 2021 at 9:57 AM

----- Forwarded message -----

From: Ashutosh Sharma <ashutoshsharma.ece@jecrc.ac.in>
 Date: Mon, Nov 23, 2020 at 12:54 PM
 Subject: Fwd: Regarding action taken report of student's feedback analysis to be shared with all student's in your respective departments
 To: <aggrani2012@googlegroups.com>, <aggrani2013@googlegroups.com>, <aggrani2014@googlegroups.com>, <batch2019ece@googlegroups.com>, <Batch2020ece@googlegroups.com>, <batch2021ece@googlegroups.com>

----- Forwarded message -----

From: HoD ECE <hod.ece@jecrc.ac.in>
 Date: Tue, 10 Nov 2020, 4:37 pm
 Subject: Fwd: Regarding action taken report of student's feedback analysis to be shared with all student's in your respective departments
 To: Ashutosh Sharma <ashutoshsharma.ece@jecrc.ac.in>

Please provide the required data.

--

Regards

Dr. Sandeep Vyas

Associate Professor

Electronics and Communication Engineering Department

Jaipur Engineering College & Research Centre

(Sitapura RIIICO, Tonk Road, Jaipur, Rajasthan 302022)

Email: dr.sandeepvyas.ee@jecrc.ac.in

Telephone: +919413965018 (M)

Fellow Member: IETE, OSI **Senior Member:** IEEE **Member:** OSA, SPIE, IEEE Photonics, LM ISTE

Member: Treasurer IEEE Rajasthan Subsection, Executive Committee member IETE Rajasthan Centre,

Faculty Advisor: OSA Student Chapter (JECRC), IETE Students Forum (JECRC)

----- Forwarded message -----

From: IQAC JECRC <iqac@jecrc.ac.in>
 Date: Tue, Nov 10, 2020 at 11:25 AM
 Subject: Regarding action taken report of student's feedback analysis to be shared with all student's in your respective departments
 To: HoD Civil <hod.ce@jecrc.ac.in>, HoD CS <hod.cse@jecrc.ac.in>, HoD IT <hod.it@jecrc.ac.in>, HoD ME <hod.me@jecrc.ac.in>, HoD EE <hod.ee@jecrc.ac.in>, HoD ECE <hod.ece@jecrc.ac.in>, Dean First Year <deanfirstyear@jecrc.ac.in>
 Cc: Vice Chairman <vicechairman@jecrc.ac.in>, Director JECRC <director@jecrc.ac.in>, Principal JECRC <principal@jecrcmail.com>, Registrar <registrar@jecrc.ac.in>

Noting Reference No.: IQAC/JECRC/2019-20/162


NOTICE

From: IQAC	TO: All Program Coordinators & Dean 1st year
-------------------	---

Dear All,

Notices related to above mentioned platforms through which Bright students have been Encouraged

1. Volunteer-ship in RACON

 JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE	Jaipur Engineering college and research centre, Shri Ram ki Nangal, via Sitapura RIICO Jaipur- 302 022.	Academic Year 2019-20
--	---	--------------------------


RefNo.: JEERC/ECE/SD/19-20/77

Date: 02/03/2020

NOTICE

The following students are deployed for volunteering in the RACON- 2020 and they all are requested to report to convener of the conference.


1. Ayushi Johri
2. Chesta Agarwal
3. Muskan modi
4. Harish Bhardwaj
5. Rohit Ghiya
6. Parth Mathur
7. Parth Sharma
8. Peehu Chowdhary
9. Preeti Agarwal


Ashutosh Sharma
SDO (ECE)


HOD (ECE)

Head of the Department
Electronics & Communication Engineering
JECRC, Jaipur

2. ICCOMET Fee-Relaxation


 JAI PUR ENGINEERING COLLEGE AND RESEARCH CENTRE	Jaipur Engineering college and research centre, Shri Ram ki Nangal, via Sitapura RIICO Jaipur- 302 022.	Academic Year 2018-19
---	---	--------------------------

Ref No.: JECRC/ECE/18-19/89
SD

Date: 26/03/2019

NOTICE


It has been decided in the departmental meeting that students who have scored more than 60 percent in the last semester examination would be given relaxation in the fee prescribed for research paper submission in the ICCOMET-2019.


Ashutosh Sharma
SDO (ECE)


HOD (ECE)

Head of the Department
Electronics & Communication Engineering
JECRC, Jaipur

3. Hardware Support for Centre of Excellence Labs

 JAI PUR ENGINEERING COLLEGE AND RESEARCH CENTRE	Jaipur Engineering college and research centre, Shri Ram ki Nangal, via Sitapura RIICO Jaipur- 302 022.	Academic Year 2018-19
---	---	----------------------------------

Ref No.: JECRC | ECE | SD | 18-19 | 42

Date: 17/07/2018

NOTICE


All Students of ECE Department are informed that they can avail basic facilities required for Project Development from Center for Excellences i.e. Robotics & AI, Embedded with IOT and Project lab after getting approval from the Lab Incharge.


Ashutosh Sharma
SDO (ECE)


HOD (ECE)

Head of the Department
Electronics & Communication Engineering
JECRC, Jaipur

4. Tutorial Sheet In-Charge


 JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE	Jaipur Engineering college and research centre, Shri Ram ki Nangal, via Sitapura RIICO Jaipur- 302 022.	Academic Year 2018-19
--	---	----------------------------------

Ref No.: JECRC/ECE/SD/18-19/28

Date: 10/07/2018

NOTICE


Students who have scored more than prescribed score are hereby requested to approach to the Class Coordinator as we are requiring **Tutorial Sheet Incharges** from the each section to assist the concerned faculties.


Ashutosh Sharma
SDO (ECE)


HOD (ECE)

Head of the Department
Electronics & Communication Engineering
JECRC, Jaipur

5. Student Development Cell Membership

 JECRC JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE	Jaipur Engineering college and research centre, Shri Ram ki Nangal, via Sitapura RIICO Jaipur- 302 022.	Academic Year 2018-19
--	---	---

Ref No.: JECRC/ECE/SD/18-19/57

Date: 21/08/2018

NOTICE

Students who have scored more than prescribed score are hereby requested to approach Mr. Ashutosh Sharma (SDO-ECE) to be a part of Student Development Cell.

Directions for student council

Purpose of the Student Council:


The Student Council of the department is a body that is intended to assist in relations between department and students. The primary objective of the SC is to improve and maintain the quality of student. The SC will achieve its objective by raising concerns and problems students might be having, as well as organizing activities for the student community. The Student Council must be consulted before any student run initiative. The Student Council similarly takes full responsibility for the proper execution of anything in their ambit.

Structure:

The Student Council would include one representative from each class.

Core Responsibilities: (for all members)

1. The members must have an increased commitment to their respective classes.
2. To ensure that every Student has an equal voice.
3. Responsible for the Student Council's Efficiency.
4. Must plan the agenda for Student Council Meetings.
5. Must record the minutes of the Student Council Minutes.
6. Should ensure that Notices of decisions taken in meetings are given priority on the Notice Boards.
7. Responsible for maintaining an active record of all Student Council activities.


 Ashutosh Sharma
 SDO (ECE)


 HOD (ECE)
 Head of the Department
 Electronics & Communication Engineering
 JECRC, Jaipur

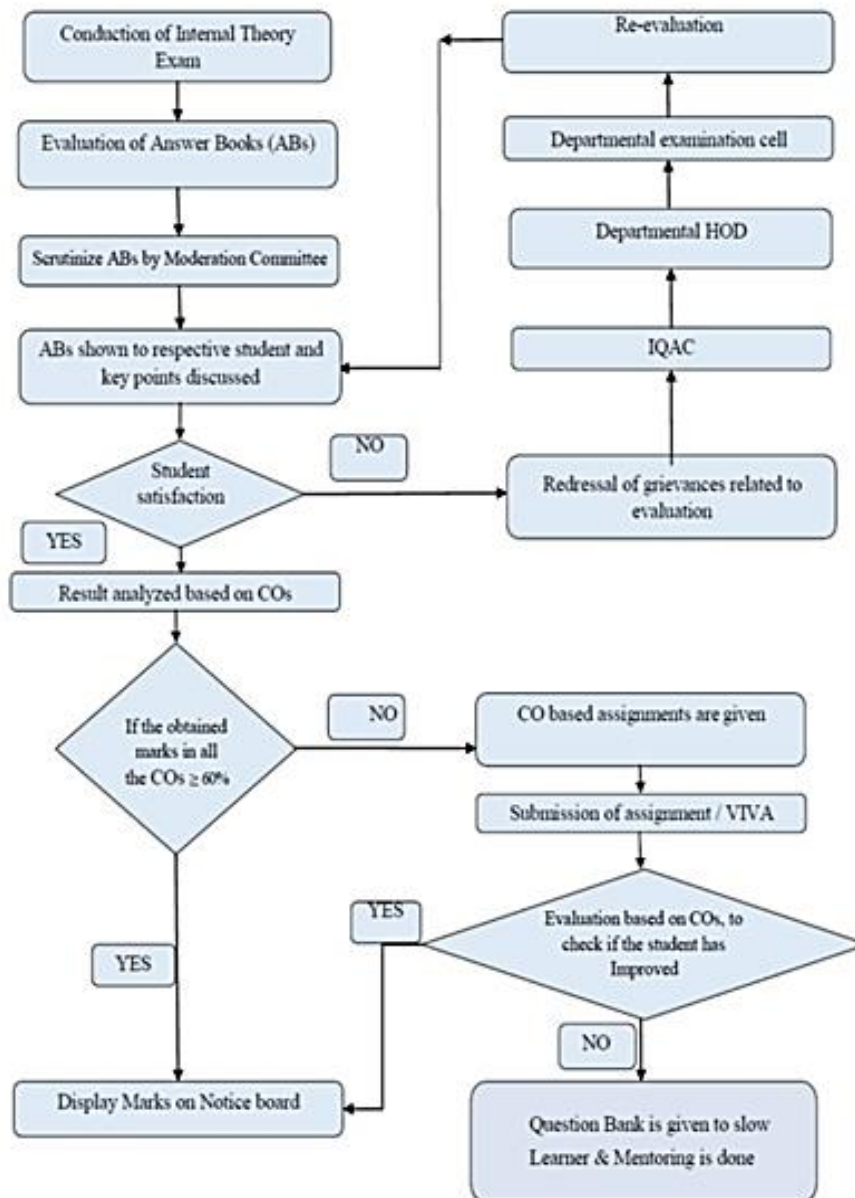
S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
6.	2.2.2 Quality of internal semester	Process exists but not created any impact on	<ul style="list-style-type: none"> • Continuous Evaluation Process is shown below as flow-chart

	question paper, assignments and evaluation	students' performance parameter	<ul style="list-style-type: none"> Impact of the Evaluation Process and remedial actions taken are shown below.
--	---	---------------------------------	--

Continuous Internal Assessment Flowchart



Continuous Internal Assessment:



On the basis of Evaluation of MTT, following activities have been executed as Remedial action:

S. No.	Name of Activity	URL of related Document
1	Revision/ Remedial Classes	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/RemedialClasses.pdf
2	Full-Length MTT (Complete Syllabus)	http://jecrcfoundation.com/jf-data/NBA/ECE/EC1/ControlSystemFullLength.pdf
3	Quizzes	http://jecrcfoundation.com/jf-data/NBA/ECE/EC3/MicrowaveQuizAssignment.pdf

Impact on student performance

Item	Latest Year of Graduation minus 2, LYGm2 (CAYm6) 2014-15	Latest Year of Graduation minus 1, LYGm1 (CAYm5) 2015-16	Latest Year of Graduation, LYG (CAYm4) 2016-17
Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry and separate division, if applicable	222	228	237
Number of students who have graduated without backlog in the stipulated period	108	95	100
Success Index (SI)	0.49	0.42	0.42
Average Success Index	0.44		

Item	Latest Year of Graduation minus 2, LYGm2 (CAYm6) 2014-15	Latest Year of Graduation minus 1, LYGm1 (CAYm5) 2015-16	Latest Year of Graduation, LYG (CAYm4) 2016-17
Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry and separate	222	228	237

division, if applicable			
Number of students who have graduated with backlog in the stipulated period	114	133	137
Success Index (SI)	0.51	0.58	0.58
Average Success Index	0.56		

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
7	2.2.3 Quality of Student projects	Identification of projects and allocation methodology to faculty is not clearly provided and there is no evidence of papers published/ awards received by projects etc.	<ul style="list-style-type: none"> • The Project Identification and Allocation follows the steps mentioned below: <ul style="list-style-type: none"> ➤ Notice is first floated for faculties to share their area of Expertise ➤ Students are then classified as Type A, B, C and D on the basis of their academic performance: https://drive.google.com/file/d/1b4fKs7bnK0aznW8JWWD2dGckUkIoJVeI/view?usp=sharing ➤ Group formation is done as per the following basis ➤ Student A: From Top 25% ➤ Student B: From 2nd Top 25 % ➤ Student C: From 3rd Top 25% ➤ Student D: From bottom 25% ➤ Students bring their project ideas in groups with its synopsis and work-flow along with technical specifications ➤ Senior Faculty members along with Project Coordinator evaluate the project-ideas with interaction to student-groups to select or reject a particular idea. ➤ Every group is then asked to prepare a Paper on project idea for publication in conference (List shown below) • Bright students are motivated to present their Projects in form of paper for National Conference and proceedings of same is published.(Screenshots shown below for RACON)

RACON 2020

2nd National Conference

**ON
RECENT ADVANCES IN COMMUNICATION,
OPTICS
AND NANOSCIENCE-2020**

RACON - 2020

MARCH 5-6, 2020

SOUVENIR

ORGANISED BY



**DEPARTMENT OF ELECTRONICS &
COMMUNICATION ENGINEERING**

JAIPUR ENGINEERING COLLEGE AND
RESEARCH CENTER, JAIPUR

INDEX

S. No.	Paper ID. No	Title of the Paper	Page No.
1.	RA_101	IOT BASED SMART SECURITY AND HOME AUTOMATION SYSTEM	1.
2.	RA_102	SMART SHOES	2.
3.	RA_103	A LIBRARY WHERE YOU WILL FIND DOCTORS AND LISTING OF HOSPITALS	3.
4.	RA_104	SMART TRAFFIC MANAGEMENT SYSTEM	4.
5.	RA_105	FAST ADDERS IN VLSI	5.
6.	RA_106	AUTOMATIC FIRE EXTINGUISHING ROVER	6.
7.	RA_107	ITEM-BASED COLLABORATIVE FILTERING RECOMMENDATION SYSTEM	7.
8.	RA_108	AUTOMATIC DECOCTION VENDING MACHINE	8.
9.	RA_109	ENTERPRISE RESOURCE PLANNING	9.
10.	RA_110	ELECTRICITY GENERATION THROUGH SPEED BREAKER USING SENSOR	10.
11.	RA_111	AUTOMOBILE TRACING AND ACCIDENT DETECTION SYSTEM	11.
12.	RA_112	A STUDY OF SECURITY MODES AND THREATS IN BLUETOOTH DEVICES	12.
13.	RA_113	SOLAR VEHICLE : A REVIEW	13.
14.	RA_114	HOSTEL-COMPLAINT-MANAGEMENT-SYSTEM	14.
15.	RA_115	VIRTUAL COMPUTER ASSISTANT	15.
16.	RA_116	IOT BASED SMART PARKING SYSTEM	16.
17.	RA_117	STRESS DETECTION USING BIO-MEDICAL SENSORS	17.
18.	RA_118	GESTURE CONTROLLED ROBOT	18.
19.	RA_119	NETWORK MANUFACTURE INFRASTRUCTURE	19.
20.	RA_120	A TOOL OF CONVERSATION: CHATBOT	20.
21.	RA_121	A STUDY ON ARDUINO BASED SOLAR TRACKING SYSTEM FOR ENERGY IMPROVEMENT OF PV SOLAR PANEL	21.
22.	RA_123	E-COMMERCE	22.
23.	RA_124	MIGRATION TO CLOUD COMPUTING – EFFECT ON IT MANAGEMENT	23.
24.	RA_125	THIEF ALERTING SYSTEM	24.
25.	RA_126	BREAST CANCER CLASSIFICATION: A COMPARATIVE STUDY	25.
26.	RA_127	PAYROLL SYSTEM: A EMPLOYEE PAYMENT SLIP	26.

	GENERATION	
27.	RA_130 A STUDY ON CLOUD COMPUTING WITH SYS-ADMIN AUTOMATION	27.
28.	RA_131 RECENT ADVANCEMENTS IN AIR PURIFICATION TECHNIQUES: A REVIEW	28.
29.	RA_132 A REVIEW PAPER ON ONLINE COMPILER	29.
30.	RA_133 MODERN OPTICAL FIBRE COMMUNICATION	30.
31.	RA_134 SMART HELMET FOR BIKE RIDER SAFETY	31.
32.	RA_135 WILDLIFE MONITORING SYSTEM USING GPS SYSTEM	32.
33.	RA_136 5 th GENERATION MOBILE COMMUNICATION TECHNOLOGY	33.
34.	RA_137 WEATHER ANALYSIS AND PREDICTION USING SPARK MLIB	34.
35.	RA_138 RFID BASED SMART CART	35.
36.	RA_140 PYTHON BASED VOICE ASSISTANT	36.
37.	RA_141 DOCUMENT ANALYZER	37.
38.	RA_142 ANALYSIS OF DIGITAL IMAGES USING MORPHOLOGICAL OPERATIONS	38.
39.	RA_143 ACCIDENT DETECTION AND NAVIGATION USING GPS AND GSM	39.
40.	RA_144 HAND-TALK ASSISTIVE TECHNOLOGY FOR THE DUMB	40.
41.	RA_145 ARTIFICIAL NEURAL NETWORK BASED VOICE CONTROLLED INTERACTIVE COMPUTING SYSTEM	41.
42.	RA_146 IOT BASED WATER FLOW MANAGEMENT SYSTEM	42.
43.	RA_147 SMART IRRIGATION	43.
44.	RA_148 SPAM AND HAM E-MAIL DETECTION	44.
45.	RA_149 BLOOD BANK MANAGEMENT SYSTEM	45.
46.	RA_151 SELF DRIVING CAR	46.
47.	RA_152 ARDUINO BASED AUTOMATIC IRRIGATION SYSTEM WITH MESSAGE ALERT	47.
48.	RA_153 PERSISTANCE OF VISION	48.
49.	RA_154 SALES FORCE MANAGEMENT SYSTEM	49.
50.	RA_155 SOLAR POWERED VEHICLE	50.
51.	RA_156 VIRTUAL CUSTOMER ASSISTANT	51.
52.	RA_157 IOT BASED ECG MONITORING SYSTEM	52.
53.	RA_158 FACE DETECTION USING DIGITAL IMAGE PROCESSING	53.
54.	RA_159 USES OF AUGMENTED REALITY IN COMMUNICATION	54.
55.	RA_160 GESTURE RECOGNITION IN SIXTH SENSE TECHNOLOGY	55.
56.	RA_161 COMPUTATIONAL TOOL DEVELOPMENT FOR INVERSE KINEMATICS	56.

Proceeding of 2nd National Conference on “Recent Advances in Communication, Optics and Nanoscience”-2020 March 5-6, 2020 Vol. 1 Issue 2

57.	RA_162	INTERNET OF THINGS – REVOLUTION OF INTERNET	57.
58.	RA_163	DEVELOPMENT AND INVESTIGATION ON AN EMBEDDED SYSTEM BASED CONTROL FOR NETWORKING MOBILE ROBOTS	58.
59.	RA_164	OPTICAL COMMUNICATION	59.
60.	RA_165	WIRELESS SENSOR NETWORK	60.
61.	RA_166	OPTIMIZATION OF SIZE AND COST OF BACK UP POWER SUPPLY SECTION OF SMART METER FOR GSM MODULE APPLICATIONS	61.
62.	RA_167	POWER AND AREA CORRELATION WITH TIMING CLOSURE AT DEEP SUB-MICRON ASIC IMPLEMENTATION	62.
63.	RA_170	LASER DESIGNATED MISSILE DEFENCE	63.
64.	RA_172	HARDWARE DESIGN OF ELECTRIC VEHICLE	64.
65.	RA_174	CYBER SECURITY	65.
66.	RA_175	DRIVER ALERTING SYSTEM	66.
67.	RA_176	PRELIMINARY CATEGORIZATION OF SKIN CANCER USING AUTOMATIC IMAGE CAPTIONING	67.

Projects mapped with RACON Papers and with POs/PSOs

JAIPUR ENGINEERING COLLEGE AND RESERCH CENTRE				
DEPARTMENT OF ELECTRONICS AND COMMUNICATION				
MAPPING OF PROJECT TITLE WITH RACON PAPER AND PO/PSO				
S. No.	Name of Students	Title of Project	RACON 2020 PAPER TITLE/ (Paper ID)	PO/PSO MAPPING
1	Sakhsi singh	RFID based smart cart	RFID based smart cart (RA_138)	PO-1, PO-2, PO-3, PO-4, PO-5, PO-6, PO-7, PO-8, PO-10, PO-11, PO-12, PSO-1, PSO-2
	Harshit mittal			
	Sakshi joshi			
	Raghav ladha			
2	Anubhav khandelwal	Electric control with power storage of electric vehicle(solar car)	Solar vehicle: a review (RA_113)	PO-1, PO-2, PO-3, PO-4, PO-5, PO-6, PO-7, PO-8, PO-10, PO-11, PO-12, PSO-1,
	Rajat kataria			
	Aditya khandelwal			
	Prabal jain			
3	Prajwal joshi	Decoction vending	Automatic decoction	PO-1, PO-2, PO-3,

	Ambuz shukla	machine	vending machine (RA_108)	P0-4, PO-5, P0-6, PO-7, PO-8, PO-10, PO-11, P0-12, PSO-1,
	Rishikesh kumar jha			
	Chunmun khandelwal			
	Peeyush kumar gangwal			
	Saransh sahu			
4	Rohit raj	Smart agriculture system	Smart irrigation (RA_147)	PO-1, PO-2, PO-3, P0-4, PO-5, P0-6, PO-7, PO-8, PO-10, PO-11, P0-12, PSO-1,
	Aryan sharma			
	Sheetal jangid			
	Vedant pareek			
5	Bhavya vadhyani	Persistence of vision	Persistence of vision (RA-153)	PO-1, PO-2, PO-3, P0-4, PO-5, P0-6, PO-7, PO-8, PO-10, PO-11, P0-12, PSO-1,
	Apul jain			
	Sunil sharma			
	Preeti agrawal			
6	Jahanvi singla	Accident detection and reporting system using GPS, GPRS, GSM	Accident detection and reporting system using GPS, GPRS, GSM (RA_143)	PO-1, PO-2, PO-3, P0-4, PO-5, P0-6, PO-7, PO-8, PO-10, PO-11, P0-12, PSO-1, PSO-2
	Megha nawaria			
	Chestha agarwal			
	Vratika porwal			
7	Bharat nainani	Accident detection using GPS, GSM and alcohol detection	Accident detection and reporting system using GPS, GPRS, GSM (RA_143)	PO-1, PO-2, PO-3, P0-4, PO-5, P0-6, PO-7, PO-8, PO-10, PO-11, P0-12, PSO-1, PSO-2
	Mehul kumar gupta			
	Mohit kumar kanojia			
	Cheshta agrawal			
8	Khushboo mittal	Gesture control robot by Arduino	Gesture control robot by Arduino (RA_118)	PO-1, PO-2, PO-3, P0-4, PO-5, P0-6, PO-7, PO-8, PO-10, PO-11, P0-12, PSO-1, PSO-2
	Avani bansal			
	Sanjeev kumar			
	Shubhada goyal			
9	Vipul pareta	Solar car	Solar powered vehicle (RA_115)	PO-1, PO-2, PO-3, P0-4, PO-5, P0-6, PO-7, PO-8, PO-10, PO-11, P0-12,
	Manvendra singh rathore			

	Hemendra singh dhakar			PSO-1
	Vishal pareek			
10	Uttam kumar jha	Automatic fire extinguisher rover	Automatic Fire Extinguisher Rover (RA_106)	PO-1, PO-2, PO-3, PO-4, PO-5, PO-6, PO-7, PO-8, PO-10, PO-11, PO-12
	Tushar charan			
	Nishant amera			
	Krati bhadada			
11	Shubham goyal	Centralised enterprise management	Sales force management system (RA_154)	PO-1, PO-2, PO-3, PO-4, PO-5, PO-6, PO-7, PO-8, PO-10, PO-11, PO-12
	Kamal motiramani			
	Garima agrawal			
	Kinjal sharma			
12	Vaibhav sachdeva	Document analyser	Document analyser (RA_141)	PO-1, PO-2, PO-3, PO-4, PO-5, PO-6, PO-7, PO-8, PO-10, PO-11, PO-12
	Harshul gupta			
	Kanika BHATT			
	Aher abhijeet			
13	Ojaswini tanwar	Hostel complaint management system	Hostel complaint management system (RA_114)	PO-1, PO-2, PO-3, PO-4, PO-5, PO-6, PO-7, PO-8, PO-10, PO-11, PO-12, PSO-1
	Dinesh kumar			
	Ritesh ranjan			
	Priyanshi ajmera			
14	Sahil	Breast cancer classification	Breast cancer classification : a comparative study (RA_126)	PO-1, PO-2, PO-3, PO-4, PO-5, PO-6, PO-7, PO-8, PO-10, PO-11, PO-12
	Yogesh pareek			
	Suhail singh			
	Yuvraj singh rathore			
15	Chinmai bhardwaj	Spam & ham mail detection	Spam & ham mail detection (RA_128)	PO-1, PO-2, PO-3, PO-4, PO-5, PO-6, PO-7, PO-8, PO-10, PO-11, PO-12
	Jaya mittal			
	Prince jain			
	Muskan modi			
16	Riya sharma	Hand talk assistive	Hand talk assistive	PO-1, PO-2, PO-3,

	Yash kumar	technology for deaf and dumb people using flex sensor	technology for deaf and dumb people using flex sensor (RA_144)	P0-4, PO-5, P0-6, PO-7, PO-8, PO-10, PO-11, P0-12, PSO-1
	Shivam rawat			
	Raunak keshri			
17	Nikhil jain	Smart helmet for bike rider safety	Smart helmet for bike rider safety (RA_134)	PO-1, PO-2, PO-3, P0-4, PO-5, P0-6, PO-7, PO-8, PO-10, PO-11, P0-12, PSO-1
	Suyash shrey jain			
	Ayush manan verma			
	Anjul asawa			
18	Arun soni	Weather forecasting and prediction using spark MLIB	Weather forecasting and prediction using spark MLIB (RA_137)	PO-1, PO-2, PO-3, P0-4, PO-5, P0-6, PO-7, PO-8, PO-10, PO-11, P0-12, PSO-1
	Anjali bharti			
	Ketan kant jindal			
	Rohit ghiya			
19	Bharat saini	IOT based air pollution monitoring and purification system	IOT based air pollution monitoring and purification system (RA_131)	PO-1, PO-2, PO-3, P0-4, PO-5, P0-6, PO-7, PO-8, PO-10, PO-11, P0-12, PSO-1
	Varuni agarwal			
	Ashish modi			
	Shahid hassan ansari			
20	Mukul odd	Fire extinguisher robot	Automatic fire extinguisher robot (RA_106)	PO-1, PO-2, PO-3, P0-4, PO-5, P0-6, PO-7, PO-8, PO-10, PO-11, P0-12, PSO-1, PSO-2
	Pradeep sharma			
	Avi goyal			
	Somu mishra			
21	Vedpriya gautam	E-commerce website	E-COMMERCE (RA_123)	PO-1, PO-2, PO-3, P0-4, PO-5, P0-6, PO-7, PO-8, PO-10, PO-11, P0-12
	Smriti nayak			
	Rohan nandwana			
22	Randhir gupta	A restaurant Chabot	A tool of conversion (RA_120)	PO-1, PO-2, PO-3, P0-4, PO-5, P0-6, PO-7, PO-8, PO-10, PO-11, P0-12, PSO-1
	Rahul agarwal			
	Anand nenawa			
	Shubhdeep chhabra			
23	Satvinder singh	Wild life monitoring	Wild monitoring	PO-1, PO-2, PO-3,

	Lavish garg	using GPS	system using GPS system (RA_135)	P0-4, PO-5, PO-6, PO-7, PO-8, PO-10, PO-11, PO-12
	Arvind kumar			
	Shivali purwar			
24	Anubhav kumar jha	Arduino based automatic irrigation system	Arduino based automatic irrigation system (RA-152)	PO-1,PO-2,PO-3,PO-4,PO-5,PO-6PO-7,PO-8, PO-10,PO-11,PO-12, PSO-1
	Pranshul singh			
	Mahesh kumawat			
	Juhi garg			
25	Harish bhardwaj	Google based home automation system	IOT based home automation system (RA_101)	PO-1,PO-2,PO-3,P0-4,PO-5,P0-6PO-7,PO-8, PO-10,PO-11,PO-12, PSO-1
	Gaurav vaishnav			
	Chitresh singh kataria			
	Niharika gautam			
26	Sanket khandelwal	IOT based water management system	IOT based water management system (RA-146)	PO-1,PO-2,PO-3,P0-4,PO-5,P0-6PO-7,PO-8, PO-10,PO-11,PO-12, PSO-1
	Ronak samriya			
	Tushar			
	Vipul srivastava			
27	Mohammad talib khilji	Blood bank management system	Blood bank management system (RA-149)	PO-1, PO-2, PO-3, P0-4, PO-5, P0-6, PO-7, PO-8, PO-10, PO-11, P0-12, PSO-2
	Nikhil swarnkar			
	Naman chugh			
	Shambhawi singh			
28	Mukul jain	Driver alerting system	Driver alerting system (RA-175)	PO-1, PO-2, PO-3, P0-4, PO-5, P0-6, PO-7, PO-8, PO-10, PO-11, P0-12, PSO-1
	Bhavit mathur			
	Jahnvi sharma			
	Ayushi porwal			
29	Shambhu kumar singh	Hardware design of electric vehicle	Hardware design of electric vehicle (RA-172)	PO-1, PO-2, PO-3, P0-4, PO-5, P0-6, PO-7, PO-8, PO-10, PO-11, P0-12, PSO-1
	Shashank jain			
	Neel kshatriya			
	Anchal agarwal			

30	Prem golani	Self-driving car	Self-driving car (RA_151)	PO-1, PO-2, PO-3, PO-4, PO-5, PO-6, PO-7, PO-8, PO-10, PO-11, PO-12, PSO-1
	Rahul kayamkhani			
	Karamveer pratap singh rathod			
	Rashi parikh			
31	Ankit singh	Gender recognition and age detection	Gender recognition and age detection (RA_168)	, PSO-1, PO-1, PO-2, PO-3, PO-4, PO-5, PO-6, PO-7, PO-8, PO-10, PO-11, PO-12
	Shubham jain			
	Kanika jain			
32	Dishant banger	Power generation through speed breaker	Electricity generation through speed breaker using sensor (RA_110)	PO-1, PO-2, PO-3, PO-4, PO-5, PO-6, PO-7, PO-8, PO-10, PO-11, PO-12
	Saharsh agarwal			
	Ramakant			
33	Shivam sharma	Simple gesture controlled robotic rover using Arduino	Gesture controlled robotic rover using Arduino (RA-118)	PO-1, PO-2, PO-3, PO-4, PO-5, PO-6, PO-7, PO-8, PO-10, PO-11, PO-12, PSO-1
	Shubham goyal			
34	Yash tak	System design and circuit implementation of a solar car	Self-driving car (RA-151)	PO-1, PO-2, PO-3, PO-4, PO-5, PO-6, PO-7, PO-8, PO-10, PO-11, PO-12
	Harsiddh tamboli			
	Sumit kumar mittal			
35	Subham	Python based voice assistant	Python based voice assistant (RA_140)	PO-1, PO-2, PO-3, PO-4, PO-5, PO-6, PO-7, PO-8, PO-10, PO-11, PO-12
	Mukul swami			
	Ashish gupta			
36	Deepanshu goyal	IOT based ECG monitor	IOT based ECG monitor (RA_157)	PO-1, PO-2, PO-3, PO-4, PO-5, PO-6, PO-7, PO-8, PO-10, PO-11, PO-12, PSO-1
	Vini singh			
37	Jenisha yadav	Artificial neural network based voice controlled interactive computing system	Artificial neural network based voice controlled interactive computing system (RA_145)	PO-1, PO-2, PO-3, PO-4, PO-5, PO-6, PO-7, PO-8, PO-10, PO-11, PO-12
	Mohammed arish			
	Ajay pareek			
	Latika kharbanda			

38	Dishant banger	Automated resume screening system	Automated resume screening system (RA_169)	PO-1, PO-2, PO-3, PO-4, PO-5, PO-6, PO-7, PO-8, PO-10, PO-11, PO-12
	Saksham gupta			
	Abhishek singh			

Project Evaluation Sheet (2019-20) Sample Sheet

Jaipur Engineering College & Research Centre, Jaipur														
Department of Electronics & Communication Engineering														
Project Evaluation Process (Marks Distribution) session 2019-20														
S. No.	RTU R. No.	Name of Students	Internal Marks (120)									External Marks (80)		
			Synopsis (10)	Presentation-1 (10)	Project Progress Presentation 1 (10)	Project Progress Presentation 2 (10)	Final Project Progress Presentation (20)	H/W S/W (40)	Queries (10)	Report (10)	Internal (120)	Exam Sheet (30)	Viva (50)	Total Marks (80)
1	16EJCEC001	Aanchal Gupta	9	9	7	9	20	35	7	8	104	26	47	73
2	16EJCEC002	Abhishek Goyal	9	9	8	8	16	37	8	9	104	25	46	71
3	16EJCEC004	Abhishek Singh	8	8	9	8	15	30	9	8	95	24	25	49
4	16EJCEC005	Aditya Khandelwal	10	9	7	8	18	38	7	10	107	27	23	50
5	16EJCEC006	Aditya Sharma	9	9	8	7	19	38	8	9	103	24	43	67
6	16EJCEC007	Ajay Pareek	10	8	9	8	15	33	9	10	104	29	38	67

7	16EJCEC009	Akshita Agrawal	8	9	8	9	19	32	8	8	103	25	42	67
8	16EJCEC010	Aman Khandelwal	7	8	9	7	17	36	9	7	100	27	41	68
9	16EJCEC011	Aman Saxena	9	8	8	9	18	36	8	8	104	22	46	68
10	16EJCEC012	Aman Totuka	8	8	9	7	17	37	9	8	103	23	41	64
11	16EJCEC013	Ambuz Shukla	9	9	8	9	20	40	8	9	112	26	49	75

Complete List of Student-Projects that has been published in Conferences

S. No.	Academic Year	Activity Type	Activity Name	No. of students Participated	Action Taken for	URL of Report
1	2019-20	Conference (National)	RACON-2020	175	Research & Innovation, Higher studies	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/RACON2020Report.pdf
2	2018-19	Conference (National)	RACON-2019	25	Research & Innovation, Higher Studies	https://jecrcfoundation.com/jf-data/Conference/RACON-2019-Report.pdf

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
8.	2.2.4 Initiatives Related to industry interaction	Despite industry institute interaction there has been no impact on student performance and placement.	<ul style="list-style-type: none"> Interaction with Focus Academy to provide Analytical training required for placements is provided with benefitted students as mentioned below. On the basis of interaction with various industries, department noticed significant improvement in Performance and Placements as mentioned in table below.

Face-Training Data

Category	Activity Type	Activity Name	Resource Person /Agency	Academic Year	No. of students Participated	URL of Report
Participative Learning	Analytical Training	FACE Training	Focus Academy	2019-20	233	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/CRT2019-20.pdf
				2018-19	227	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/CRT2018-19.pdf
				2017-18	217	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/CRT2017-18.pdf

Interaction Data with Industries and associated Placements

S. No.	Company/ Industry Name	Working Domain	Placements		
			2017-18	2018-19	2019-20
1	Academia Guru	Education	-	5	-
2	Accenture	IT and Consulting Services	12	201	56
3	Accenture II phase	IT and Consulting Services	-	-	12
4	Air Interview	IT and Consulting Services	1	-	-
5	Anora	IT and Consulting Services	1	-	-
6	APPEAL	Infrastructure	5	8	-
7	Appiccino Pvt Ltd.	IT and Consulting Services	2	-	-
8	Aquatronic systems	IT and Consulting Services	-	5	-
9	Artech	IT and Consulting Services	3	-	-
10	ATCS	IT and Consulting Services	-	-	7
11	Auriga IT	IT and Consulting Services	-	3	-
12	Best Peers	IT and Consulting Services	-	1	-
13	Bill Desk	IT and Consulting Services	-	7	-

14	Birla Soft	IT and Consulting Services	-	-	3
15	BitAce	IT and Consulting Services	-	0	-
16	Bridgestone	Manufacturing	-	1	-
17	BULLSEYE	Education	1	-	-
18	BYJU	Education	-	3	1
19	CapeGemini	IT and Consulting Services	-	72	33
20	Capital Trust	Infrastructure	6	5	-
21	CAREER POINT (Offcampus)	Education	1	-	-
22	Chegg india	Education	-	-	2
23	Dafodill Softwares	IT and Consulting Services	-	-	1
24	DevTechnosys	IT and Consulting Services	1	-	-
25	DLB	IT and Consulting Services	1	-	-
26	DXC (offcampus)	IT and Consulting Services	1	-	-
27	ENC technology	IT and Consulting Services	-	3	-
28	Ericsson	Telecom	22	-	-
29	EY Global	IT and Consulting Services	-	-	1
30	FEV	Engineering services	2	15	-
31	Fls Smidth	engineering services / global mining and cement industries	-	1	-
32	GKMIT	IT and Consulting Services	1	-	-
33	Gulati auto Electricals	Engineering Services auto & electrical parts	-	6	-
34	GuruKripa	Education	5	-	-
35	Helois Web Services	IT and Consulting Services	-	4	-
36	HexaView	IT and Consulting Services	2	-	-
37	HexaWare Tech.	IT and Consulting Services	-	2	-
38	Ifazone	Textile Industry	2	-	-
39	Info Object	IT and Consulting Services	-	2	-

40	Infy TQ	IT and Consulting Services	-	-	2
41	Internship at TCS	IT and Consulting Services	1	-	-
42	Interview Air	IT and Consulting Services	1	-	-
43	Intime Tec	IT and Consulting Services	-	1	-
44	Invest Well	IT and Consulting Services	-	1	-
45	JARO Edjucation	Education	-	1	-
46	JECRC	Education	1	-	-
47	JRBS	IT and Consulting Services	-	6	-
48	JRBS	IT and Consulting Services	1	-	-
49	Just Dial	IT and Consulting Services	6	34	-
50	L&T Infotech	IT and Consulting Services	1	-	-
51	Lantern	IT and Consulting Services	1	-	-
52	Linkruit	Recruitment Services	-	3	-
53	Marketing Mindz	IT and Consulting Services	1	2	-
54	Matrix	Education	4	-	-
55	Mechlan Technology	IT and Consulting Services	-	2	-
56	Meta cube	IT and Consulting Services	-	4	1
57	Metacube	IT and Consulting Services	2	-	-
58	MindIt	IT and Consulting Services	1	-	-
59	Mindtree	IT and Consulting Services	2	5	2
60	Nodd	IT and Consulting Services	1	-	-
61	Ongraph	IT and Consulting Services	-	3	-
62	PAL IT	IT and Consulting Services	1	-	-
63	ParaMount	financial Investment advisory firm	-	64	-
64	Pin Click	Real Estate consulting	-	14	-
65	Pinnacle	Education	-	32	-
66	Precise Automation	Automation	-	1	-

67	Robo MQ	IT and Consulting Serivices	-	1	-
68	Scope Telecom Pvt. Ltd.	Telecom	-	8	-
69	SimplyForce	IT and Consulting Serivices	1	-	-
70	SkillRock Technologies	IT and Consulting Serivices	-	-	-
71	Skyway	Telecom	1	-	-
72	SLK	Automation	1	-	-
73	Smart circle group	E-commerce	-	9	-
74	Sopra Steria	IT and Consulting Serivices	-	1	-
75	Sworntech	Telecom	2	-	-
76	Talent Pull	Telecom	5	-	-
77	TCS	IT and Consulting Serivices	6	59	32
78	Techfleeters	IT and Consulting Serivices	1	-	-
79	Technist	IT/Electronics	6	-	-
80	Think & Quant	IT and Consulting Serivices	-	1	-
81	Thrillophilia	IT and Consulting Serivices	1	3	2
82	To The New	IT and Consulting Serivices	-	31	-
83	Trading Bells	IT and Consulting Serivices	-	46	-
84	ZS Associates	IT and Consulting Serivices	-	4	-
85	Zycus	IT and Consulting Serivices	-	0	-

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
9	2.2.5. Initiatives related to industry internship/summer	Several sample training program details are given which are of	<ul style="list-style-type: none"> Trainings of more than two weeks are made mandatory for every student of 2nd, 3rd and 4th year after their completion of 1st, 2nd and 3rd

	training	more than two weeks. Impact of such training not investigated. No student feedback available on the training imparted.	year respectively. <ul style="list-style-type: none"> • Details of Industrial Trainings, is given below in Table. • Impact of Trainings has been verified in the form of Placements as per the table provided below. • Students' feedback on Industrial Training is taken through the following URL: https://forms.gle/AhmpicDXssa3QWkr9
--	-----------------	--	---

Category-wise Training Data for session 2019-20

Training List Category wise	Related URL
Automation	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/AutomationTraining2019-20.pdf
Embedded	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/EmbeddedTraining2019-20.pdf
IT field	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/ITtraining2019-20.pdf
Instrumentation	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/InstrumentationTraining2019-20.pdf
Marketing	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/MarketingTraining2019-20.pdf
Telecom	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/TelecomTraining2019-20.pdf

Category-wise Placement Data for session 2019-20

Jaipur Engineering College and Research Centre			
Electronics and Communication Engineering			
Placement in ECE (2019-20)			
Field of IT and Consulting Services			
S. No.	Roll Number	Name	Company Placed/ Unplaced

1	16EJCEC001	Aanchal gupta	Marvel Infocom
2	16EJCEC006	Aditya sharma	Accenture Phase 2
3	16EJCEC009	Akshita agrawal	Accenture
4	16EJCEC010	Aman khandelwal	Accenture and Capgemini
5	16EJCEC014	Amisha kabra	Accenture
6	16EJCEC015	Anand gupta	Infosys RTU-1
7	16EJCEC017	Anchal agarwal	Accenture, Capgemini, TCS NQT
8	16EJCEC019	Anjali nyati	TCS NQT
9	16EJCEC020	Anjul asawa	Infosys RTU 2
10	16EJCEC021	Ankit kumar gupta	ATCS / Wipro Elite/ Infosys RTU-1
11	16EJCEC023	Anshul dhaka	IBM
12	16EJCEC026	Anubhav kumar jha	Accenture, TCS NQT
13	16EJCEC027	Anuj goyal	METACUBE
14	16EJCEC028	Apul jain	Accenture, Infosys
15	16EJCEC029	Arun soni	UNDERTAKING/Chegg India-phase 2
16	16EJCEC030	Arvind kumar	Accenture, TCS NQT, Wipro Elite- 2
17	16EJCEC031	Aryan sharma	Accenture
18	16EJCEC032	Ashish gupta	CapeGemini
19	16EJCEC034	Ashutosh maheshwari	Marvel Infocom
20	16EJCEC035	Avani bansal	Accenture
21	16EJCEC036	Avi goyal	Marvel Infocom
22	16EJCEC038	Ayushi johari	ATCS / Wipro Elite/Accenture Phase 2
23	16EJCEC042	Bharat nainani	TCS NQT
24	16EJCEC045	Bhavit mathur	EY Global
25	16EJCEC046	Bhavya vadhyani	Accenture , OnGraph Technologies, TCS NQT
26	16EJCEC047	Bikram bhattacharjee	TCS NQT/ Infosys RTU 2
27	16EJCEC048	Chanchal choudhary	BIRLA SOFT / Wipro Elite

28	16EJCEC049	Cheshta agrawal	Accenture, Capgemini
29	16EJCEC050	Chinmai bhardwaj	Accenture
30	16EJCEC052	Chunmun khandelwal	Accenture
31	16EJCEC053	Deeksha jain	Accenture
32	16EJCEC057	Devansh singh kushwaha	TCS NQT
33	16EJCEC058	Devanshi jain	BIRLA SOFT
34	16EJCEC059	Dhairya gupta	JUST Dial
35	16EJCEC061	Dishant banger	Marvel Infocom
36	16EJCEC063	Ekta achha	Accenture, capgemini, tcs nqt
37	16EJCEC068	Gunjan agrawal	Rectra IT
38	16EJCEC069	Hardik r rathi	TCS NQT, Wipro Elite- 2
39	16EJCEC070	Harish bhardwaj	Accenture, Capgemini
40	16EJCEC072	Harshit mittal	Accenture Phase 2, Capgemini off campus
41	16EJCEC073	Harshita sharma	JUST Dial
42	16EJCEC079	Jahanvi singla	Accenture
43	16EJCEC080	Jahnvi sharma	JUST Dial
44	16EJCEC081	Jaya mittal	Accenture Phase 2
45	16EJCEC082	Jenisha yadav	accenture, capgemini
46	16EJCEC083	Jigyasa sethi	Accenture Phase 2
47	16EJCEC084	Juhi garg	Accenture, capgemini, TCS NQT
48	16EJCEC087	Kanika jain	capgemini
49	16EJCEC090	Kashish bansal	Rectra IT
50	16EJCEC092	Keya vyas	Accenture
51	16EJCEC093	Khushboo mittal	Accenture
52	16EJCEC094	Khushbu bihani	Creditas
53	16EJCEC095	Kinjal sharma	ATCS
54	16EJCEC097	Krati bhadada	Accenture

55	16EJCEC099	Kunal k soni	ATCS
56	16EJCEC100	Latika kharbanda	Accenture
57	16EJCEC101	Lavish garg	Auriga IT
58	16EJCEC102	Lekhita sharma	Accenture, Capgemini
59	16EJCEC103	Lovey agarwal	Accenture & Capgemini & TCS Codevita
60	16EJCEC106	Manvendra singh rathore	Accenture
61	16EJCEC107	Mayuri singh	marvel infocomm pvt ltd / chegg India
62	16EJCEC109	Mehul kumar gupta	Alibaba
63	16EJCEC113	Mohini swami	Accenture & Capgemini, Wipro Elite- 2
64	16EJCEC117	Mukul odd	Capgemini / Infosys Inftq
65	16EJCEC119	Muskan modi	Accenture
66	16EJCEC121	Nandita jain	Wipro Elite- 2
67	16EJCEC122	Navdha pareek	Marvel Infocom
68	16EJCEC124	Neel kshatriya	Thrillophilia/ BYJUs - 2
69	16EJCEC125	Neha gupta	Accenture, TCS NQT
70	16EJCEC127	Niharika gautam	Accenture , Capgemini / Wipro Elite
71	16EJCEC129	Nikhil swarnkar	Alibaba
72	16EJCEC132	Nishant amera	Alibaba
73	16EJCEC133	Nishant jain	Accenture & TCS Codevita
74	16EJCEC136	Ojaswini tanwar	Chegg India-phase 2/Accenture Phase 2
75	16EJCEC137	Parth mathur	Accenture, Capgemini, TCS NQT
76	16EJCEC139	Peehu choudhary	Accenture
77	16EJCEC142	Prabal jain	Marvel Infocom
78	16EJCEC143	Prachi goyal	TCS NQT/ Accenture Phase 2
79	16EJCEC145	Prajwal joshi	capgemini
80	16EJCEC147	Pranshul singh	TCS NQT
81	16EJCEC150	Preeti agrawal	Accenture, TCS NQT/ Infosys RTU-1

82	16EJCEC151	Prem golani	TCS NQT/ Infosys RTU 2
83	16EJCEC152	Prince jain	Daffodil/ TCS NQT
84	16EJCEC153	Priya bhargava	Accenture, Capgemini
85	16EJCEC154	Priyanshi ajmera	Capgemini off campus
86	16EJCEC155	Pulkit munjral	Accenture, Capgemini, TCS NQT
87	16EJCEC157	Rachita jain	TCS NQT/ Accenture Phase 2
88	16EJCEC158	Raghav ladha	Accenture
89	16EJCEC159	Rahul agarwal	TCS NQT/ Mindtree
90	16EJCEC162	Rahul modi	Wipro Elite
91	16EJCEC166	Rajat Kataria	Metacube / Wipro Elite
92	16EJCEC167	Ramakant	JUST Dial
93	16EJCEC168	Randhir gupta	Accenture/ IBM
94	16EJCEC169	Rashi Parikh	ATCS/Infosys RTU 2
95	16EJCEC170	Raunak keshri	Accenture, Wipro Elite- 2
96	16EJCEC172	Rishikesh kumar jha	TCS NQT/ Mindtree
97	16EJCEC175	Riya Agarwal	TCS NQT, Wipro Elite- 2
98	16EJCEC179	Rohit Ghiya	Accenture Phase 2
99	16EJCEC185	Sahil	Accenture
100	16EJCEC186	Saksham gupta	Full Stack Developer, Leadics
101	16EJCEC187	Saksham kapoor	Capgemini, TCS NQT
102	16EJCEC189	Sakshi samdani	Wipro Elite- 2, Capgemini off campus
103	16EJCEC192	Sanjeev kumar	Marvel Infocom
104	16EJCEC193	Sanket khandelwal	Accenture & Capgemini/ TCS NQT
105	16EJCEC194	Saransh sahu	Alibaba
106	16EJCEC195	Satvinder Singh	Creditas
107	16EJCEC196	Satwik M Sharma	Alibaba
108	16EJCEC300	Aher abhijeet	Accenture , Capgemini , TCS NQT

109	16EJCEC800	Shaifali agarwal	Accenture
110	16EJCEC801	Shambhawi singh	BIRLA SOFT
111	16EJCEC803	Shashank jain	capgemini, TCS NQT
112	16EJCEC806	Shivali purwar	Accenture / Wipro Elite
113	16EJCEC807	Shivam rawat	capgemini / Infosys RTU-1
114	16EJCEC809	Shreyansh pandey	Accenture
115	16EJCEC810	Shruti vijay	Accenture & Capgemini
116	16EJCEC811	Shubhada goyal	Capegemini, TCS NQT
117	16EJCEC815	Shubhdeep chhabra	Accenture, Capgemini, TCS Codevita
118	16EJCEC816	Simran chhapparwal	Accenture, Capgemini
119	16EJCEC817	Smriti Nayak	Marvel Infocom
120	16EJCEC820	Subham	TCS NQT
121	16EJCEC822	sumit kumar mittal	JUST Dial
122	16EJCEC824	Surbhi trivedi	Accenture
123	16EJCEC826	Sushant singh	Thrillophilia
124	16EJCEC828	Suyash shrey jain	Capgemini, TCS NQT
125	16EJCEC829	Tanish sutradhar	Accenture, Capgemini
126	16EJCEC831	Tanu rajawat	ATCS
127	16EJCEC834	Tushar Jaiswal	TCS NQT/ Accenture Phase 2, Wipro Elite-2, Capegemini off campus
128	16EJCEC837	Uttam kumar jha	Accenture Phase 2, Capegemini off campus
129	16EJCEC838	Vaibhav Sachdeva	Capgemini, Accenture
130	16EJCEC839	Vandit dhagga	ATCS
131	16EJCEC840	Varuni agarwal	acadmia guru
132	16EJCEC841	Vedant pareek	Accenture, Capgemini
133	16EJCEC842	Vedpriya gautam	acadmia guru
134	16EJCEC844	Vipul pareta	Capgemini
135	16EJCEC845	Vipul Srivastava	TCS NQT/Accenture Phase 2, Capegemini

			off campus
136	16EJCEC846	Vishal Pareek	Accenture
137	16EJCEC848	Yash kumar	Chegg India-phase 2, Capegemini off campus
138	16EJCEC849	Yash Tak	JUST Dial/BYJUs off campus
139	16EJCEC850	Yashika Dhiria	Accenture
140	16EJCEC851	Yashika Mittal	Capgemini, Accenture, TCS NQT

Field of Telecommunication			
S. No.	Roll Number	Name	Company Placed/ Unplaced
1	16EJCEC005	Aditya khandelwal	TEPL
2	16EJCEC012	Aman totuka	TEPL
3	16EJCEC041	Bhagwan mundra	TEPL
4	16EJCEC060	Dinesh kumar	TEPL
5	16EJCEC062	Divyanshu goyal	TEPL
6	16EJCEC067	Gourav goyal	TEPL
7	16EJCEC076	Hemendra singh dhakar	TEPL
8	16EJCEC086	Kanika BHATT	TEPL
9	16EJCEC088	Karamveer pratap singh rathod	TEPL
10	16EJCEC114	Mohit bhat	TEPL
11	16EJCEC118	Mukul swami	TEPL
12	16EJCEC120	Naman chugh	TEPL
13	16EJCEC135	Nitin mangal	TEPL
14	16EJCEC138	Parth sharma	Vodafone, Wipro Elite- 2
15	16EJCEC163	Rahul sharma	TEPL
16	16EJCEC164	Rahul suthar	TEPL
17	16EJCEC165	Rahul vikram chauhan	TEPL

18	16EJCEC181	Ronak samriya	Vodafone
19	16EJCEC183	Sachin soni	TEPL
20	16EJCEC188	Sakshi joshi	TEPL
21	16EJCEC813	Shubham jain	TEPL
22	16EJCEC814	Shubham jain	TEPL
23	16EJCEC823	Sunil sharma	TEPL
24	16EJCEC843	Vini singh	TEPL

Field of Business Development/ Sales/ marketing			
S. No.	Roll Number	Name	Company Placed/ Unplaced
1	16EJCEC011	Aman saxena	BYJU'S
2	16EJCEC033	Ashish modi	BYJU-s/ Just Dial
3	16EJCEC071	Harshit khandelwal	BYJUs- 2
4	16EJCEC085	Kamal motiramani	BYJUs- 2/ Marvel Infocom
5	16EJCEC124	Neel kshatriya	Thrillophilia/ BYJUs - 2
6	16EJCEC808	Shivam sharma	Byjus
7	16EJCEC830	Tanishq jain	BYJUs- 2/ Hike Edu
8	16EJCEC832	Tushar	BYJUS-2/ Alibaba

Education Field			
S. No.	Roll Number	Name	Company Placed/ Unplaced
1	16EJCEC128	Nikhil jain	Chegg India
2	16EJCEC830	Tanishq jain	BYJUs- 2/ Hike Edu

Criteria 3

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)															
10	3.1.1 Establish the correlation between the courses and the POs & PSOs	In Course Articulation matrix, all course outcomes are not mapped with program outcomes.	<ul style="list-style-type: none"> • Workshops and FDP on OBE are conducted for faculty members through NITTTR, Chandigarh and Rajasthan Technical University in association with NBA. • Department has provided a sheet containing COs of all subjects and POs/PSOs to all faculty members for preparing relationship of CO-PO/PSO matrices and ask them to map COs with all POs/PSOs. After that department calculated average mapping and assign final mapping according to below mentioned criteria. <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 5px;">Average mapping (m)</th> <th style="padding: 5px;">Value given</th> <th style="padding: 5px;">Level of Relationship</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">$m < 0.5$</td> <td style="padding: 5px;">0</td> <td style="padding: 5px;">No</td> </tr> <tr> <td style="padding: 5px;">$0.5 \leq m < 1$</td> <td style="padding: 5px;">1</td> <td style="padding: 5px;">Low</td> </tr> <tr> <td style="padding: 5px;">$1 < m \leq 2$</td> <td style="padding: 5px;">2</td> <td style="padding: 5px;">Medium</td> </tr> <tr> <td style="padding: 5px;">$2 < m \leq 3$</td> <td style="padding: 5px;">3</td> <td style="padding: 5px;">High</td> </tr> </tbody> </table> <ul style="list-style-type: none"> • List of all Course Outcomes (http://jecrcfoundation.com/jf-data/NBA/ECE/EC1/COs2019-20.pdf) • List of all mapping (CO-PO and CO-PSO) (http://jecrcfoundation.com/jf-data/NBA/ECE/EC1/Mapping2019-20.pdf) 	Average mapping (m)	Value given	Level of Relationship	$m < 0.5$	0	No	$0.5 \leq m < 1$	1	Low	$1 < m \leq 2$	2	Medium	$2 < m \leq 3$	3	High
Average mapping (m)	Value given	Level of Relationship																
$m < 0.5$	0	No																
$0.5 \leq m < 1$	1	Low																
$1 < m \leq 2$	2	Medium																
$2 < m \leq 3$	3	High																

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
11	3.1.2 CO-PO/PSOs matrices of courses selected in 3.1.1 (six matrices)	PO/PSOs matrices are provided only for a limited no. of courses (out of 48 subjects 6 subjects.)	<ul style="list-style-type: none"> List of all mapping (CO-PO and CO-PSO) (http://jecrcfoundation.com/jf-data/NBA/ECE/EC1/Mapping2019-20.pdf)

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)															
11	3.1.3 Program level Course-PO/PSOs matrix of ALL courses including first year courses	COs are very low for 3EC4-04 (Digital System Design), 4ECIA (Analog Electronics) and 6ECIA (Microwave Engg. II)	<ul style="list-style-type: none"> Workshops and FDP on OBE are conducted for faculty members through NITTTR, Chandigarh and Rajasthan Technical University in association with NBA. Department has provided a sheet containing COs of all subjects and POs/PSOs to all faculty members for preparing relationship of CO-PO/PSO matrices and ask them to map COs with all POs/PSOs. After that department calculated average mapping and assign final mapping according to below mentioned criteria. <table border="1"> <thead> <tr> <th>Average mapping (m)</th> <th>Value given</th> <th>Level of Relationship</th> </tr> </thead> <tbody> <tr> <td>$m < 0.5$</td> <td>0</td> <td>No</td> </tr> <tr> <td>$0.5 \leq m \leq 1$</td> <td>1</td> <td>Low</td> </tr> <tr> <td>$1 < m \leq 2$</td> <td>2</td> <td>Medium</td> </tr> <tr> <td>$2 < m \leq 3$</td> <td>3</td> <td>High</td> </tr> </tbody> </table> <ul style="list-style-type: none"> Each faculty member maintains a course file that includes vision, mission, course outcomes, relationship between CO-PO-PSO, evaluation of COs, identification of slow learner and fast 	Average mapping (m)	Value given	Level of Relationship	$m < 0.5$	0	No	$0.5 \leq m \leq 1$	1	Low	$1 < m \leq 2$	2	Medium	$2 < m \leq 3$	3	High
Average mapping (m)	Value given	Level of Relationship																
$m < 0.5$	0	No																
$0.5 \leq m \leq 1$	1	Low																
$1 < m \leq 2$	2	Medium																
$2 < m \leq 3$	3	High																

			<p>learner, internal question paper mapped with COs, solution of question paper with step marking, assignment to weak students, information about student's performance etc., reflects the understanding of faculty members.</p> <ul style="list-style-type: none"> • Weightage of knowledge of OBE is also included in the yearly appraisal form of faculty members • IQAC ensures the knowledge about OBE to faculty members through interactions (http://jecrcfoundation.com/jf-data/NBA/ECE/EC1/Mapping2019-20.pdf) • COs and CO-PO-PSO mapping list for (i) DSD (ii) ED and AC and (iii) Microwave are mentioned below:
--	--	--	---

Subject: Digital System Design

Code: 3EC4-04

CO-1	Develop the understanding of Number System and its application in Digital Electronics.
CO-2	Development and analysis of K-map to solve the Boolean function to the simplest form for the implementation of compact Digital Circuits.
CO-3	Design various combinational and sequential circuits using various metrics: switching speed, throughput/latency, gate count and area, energy dissipation and power.
CO-4	Understanding interfacing between digital circuits and analog component using Analog to Digital Converter (ADC), Digital to Analog Converter (DAC) etc.
CO-5	Design and implement semiconductor memories, programmable logic devices (PLDs) and field programmable gate arrays (FPGA) in digital electronics.

Subject: Electronics Devices

Code: 3EC4-07

CO-1	Understanding the semiconductor physics of the intrinsic and N materials.
CO-2	Understanding the characteristics of current flow in a BJT and MOSFET.

CO-3	Understand and utilize the mathematical models of semiconductor junction and MOS transistors for circuits and system.
CO-4	Analyze the characteristics of different electronic devices such as amplifier, LEDs, solar cells etc.
CO-5	Theoretical as well as experimental understanding of Integrated circuit fabrication.

Subject: Analog Circuit

Code: 4EC4-04

CO-1	Understand the characteristics of diodes and transistors
CO-2	Design and analyze various rectifier and amplifier circuits
CO-3	Design sinusoidal and non-sinusoidal oscillators
CO-4	Understand the functioning of OP-AMP and design OP-AMP based circuits
CO-5	Understanding the designing of ADCs and DACs

Subject: Microwave Theory & Techniques

Code: 5EC4-05

CO-1	Understand various microwave system components their properties
CO-2	Identify different mathematical treatment needed to analyze different microwave circuits and systems
CO-3	Solve complex problems of microwave signals and systems
CO-4	Characterize differently microwave components
CO-5	Design microwave systems for different practical applications

Subject Code	CO's	Program Outcomes (PO's)											
		PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
3EC4-04	CO-1	3	2	2	2	1	1	1	-	-	1	1	2
	CO-2	3	2	2	2	1	-	-	1	1	1	2	2

	CO-3	3	3	3	2	2	1	1	1	1	2	1	2
	CO-4	3	2	2	2	2	-	1	-	1	1	1	2
	CO-5	3	3	3	2	2	1	1	-	1	1	1	2
3EC4-07	CO-1	3	2	2	2	2	1	-	-	-	-	1	2
	CO-2	3	2	2	2	2	-	-	-	-	-	1	2
	CO-3	3	3	2	2	2	-	-	-	-	-	1	2
	CO-4	3	2	2	2	2	1	1	-	1	-	2	3
	CO-5	3	2	2	2	2	-	-	-	-	-	2	2
4EC4-04	CO-1	3	2	3	3	2	-	-	-	1	1	2	3
	CO-2	3	2	3	2	1	-	1	-	1	1	1	2
	CO-3	3	2	3	3	2	-	1	-	1	1	1	2
	CO-4	3	3	3	2	2	-	1	-	1	1	1	2
	CO-5	3	3	3	3	2	1	1	-	1	1	1	2
5EC4-05	CO-1	3	3	2	2	2	-	1	-	1	1	1	2
	CO-2	3	3	3	3	2	1	1	-	1	1	-	2
	CO-3	3	3	3	3	3	1	1	1	1	1	1	3
	CO-	3	3	2	2	2	-	-	-	2	1	1	2

	4												
	CO-5	3	3	3	3	3	1	1	-	2	1	2	3

Subject Code	CO's	Program Specific Outcomes (PSO's)	
		PSO-1	PSO-2
3EC4-04	CO-1	1	1
	CO-2	1	3
	CO-3	1	3
	CO-4	3	3
	CO-5	1	3
3EC4-07	CO-1	1	-
	CO-2	1	-
	CO-3	1	-
	CO-4	2	1
	CO-5	1	-
4EC4-04	CO-1	1	-
	CO-2	1	-
	CO-3	1	-
	CO-4	2	1
	CO-5	1	-
5EC4-05	CO-1	2	2
	CO-2	2	2

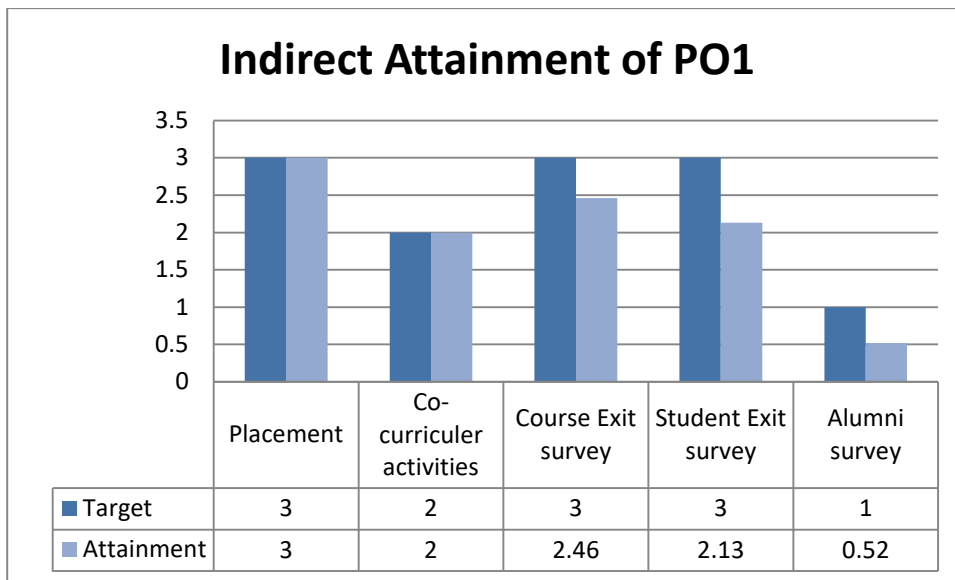
	CO-3	2	1
	CO-4	1	1
	CO-5	3	3

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
13	3.2.1 Describe the assessment processes used to gather the data upon which the evaluation of Course Outcome is based	It is mentioned that the assessment process direct method and indirect method. However Limited tools have been deployed in the evaluation process. Those are also not efficient	<ul style="list-style-type: none"> • PO attainment = Direct attainment + Indirect attainment • Direct attainment = 80% weightage of end semester examination (ESE) + 20% weightage of Mid-term examination (MTE) = $0.8*x + 0.2*y$ x = ESE, y = MTE • Indirect attainment = Surveys from stakeholders, placement data, participation of students in co-curricular activities • CO attainment = $0.8*x + 0.2*y$ Where x = End semester examination (ESE) y = Mid-term examination (MTE) • Direct assessment and Indirect assessment are mapped with PO assessment through rubric as given in table.

Indirect Attainment:

PO1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and electronics & communication engineering specialization to the solution of complex electronics and communication engineering problems.				
	Tools	Target	Attainment	Rubric
INDIRECT	Placement	3	3	>=70% students placed => Target Achieved Else pro rata

Co-curricular activities	2	2	>=80% students participated => Target Achieved Else pro rata
Course Exit survey	3	2.46	Pro rata
Student Exit survey	3	2.13	Pro rata
Alumni survey	1	0.52	Pro rata



Direct Attainment:

Sub. Code	Sub. Name	CO's	ESE	MTE	CO Attainment
			(Average marks by student in external examination as it is not based on COs)		
			x	y	=0.8*x+0.2*y
8EC1A	IC Technology	CO-1	57	72	60
		CO-2		67	59
		CO-3		74	60.4

		CO-4		89	63.4
8EC2A	Radar & TV Engineering	CO-1	53	67	55.8
		CO-2		66	55.6
		CO-3		67	55.8
		CO-4		71	56.6
		CO-5		70	56.4
8EC3A	MEMS and Nanotechnology	CO-1	47	87	55
		CO-2		81	53.8
		CO-3		81	53.8
		CO-4		87	55
		CO-5		86	54.8
8EC4.3A	Microcontroller and Embedded System	CO-1	62	85	66.6
		CO-2		77	65
		CO-3		74	64.4
8EC5A	RF Fabrication Lab	CO-1	68	73	69
		CO-2		68	68
8EC6A	Industrial Economics & Mgmt	CO-1	79	76	78.4
		CO-2		77	78.6
		CO-3		79	79
8EC7A	VLSI & Optical Fiber Lab	CO-1	78	75	77.4
		CO-2		73	77
		CO-3		67	75.8
8EC8A	Project II	CO-1	64	68	64.8
		CO-2		75	66.2
		CO-3		64	64
		CO-4		71	65.4

		CO-5		66	64.4
8EC9A	Seminar	CO-1	70	79	71.8
		CO-2		84	72.8
		CO-3		86	73.2
		CO-4		71	70.2
		CO-5		68	69.6
7EC1A	Antennas and Wave Propagation	CO-1	53	77	57.8
		CO-2		68	56
		CO-3		67	55.8
		CO-4		76	57.6
7EC2A	Digital Signal Processing	CO-1	56	81	58.6
		CO-2		84	59.2
		CO-3		83	59
		CO-4		85	59.4
7EC3A	Digital Image Processing	CO-1	53	76	57.6
		CO-2		78	58
		CO-3		73	57
7EC4A	Wireless Communication	CO-1	59	72	61.6
		CO-2		78	62.8
		CO-3		72	61.6
		CO-4		78	62.8
7EC5A	VLSI Design	CO-1	56	86	62
		CO-2		85	61.8
		CO-3		82	61.2
		CO-4		79	60.6
		CO-5		73	59.4

7EC6.3A	VHDL	CO-1	55	89	61.8
		CO-2		90	62
		CO-3		92	62.4
		CO-4		94	62.8
7EC7A	Signal & Image Processing Lab	CO-1	71	75	71.8
		CO-2		85	73.8
		CO-3		76	72
7EC8A	Wireless Communication	CO-1	79	83	79.8
		CO-2		81	79.4
7EC9A	Practical Training & Industrial Visit	CO-1	81	85	81.8
		CO-2		73	79.4
		CO-3		76	80
		CO-4		85	81.8
		CO-5		87	82.2
7EC10A	Project 1	CO-1	75	82	76.4
		CO-2		74	74.8
		CO-3		76	75.2
		CO-4		77	75.4
		CO-5		68	73.6
6EC3-01	Power Electronics	CO-1	50	43	48.6
		CO-2		62	52.4
		CO-3		80	56
		CO-4		78	55.6
6EC4-02	Computer Networks	CO-1	49	72	53.6
		CO-2		73	53.8
		CO-3		100	59.2

		CO-4		100	59.2
6EC4-03	Fiber Optic Communication	CO-1	54	65	56.2
		CO-2		60	55.2
		CO-3		66	56.4
		CO-4		71	57.4
6EC4-04	Antenna and Propogation	CO-1	51	71	55
		CO-2		73	55.4
		CO-3		71	55
		CO-4		77	56.2
		CO-5		79	56.6
6EC4-05	Information Theory and Coding	CO-1	49	81	55.4
		CO-2		79	55
		CO-3		96	58.4
		CO-4		98	58.8
6EC5-11	Introduction to MEMS	CO-1	51	71	55
		CO-2		82	57.2
		CO-3		92	59.2
6EC4-21	Computer Network Lab	CO-1	64	84	68
		CO-2		87	68.6
		CO-3		79	67
		CO-4		76	66.4
		CO-5		81	67.4
6EC4-22	Antenna and Propogation Lab	CO-1	80	71	78.2
		CO-2		77	79.4
		CO-3		82	80.4
		CO-4		73	78.6

		CO-5		76	79.2
6EC4-23	Electronic Design Lab	CO-1	64	74	66
		CO-2		79	67
		CO-3		83	67.8
		CO-4		76	66.4
		CO-5		74	66
6EC4-24	Power Electronics Lab	CO-1	80	83	80.6
		CO-2		79	79.8
		CO-3		77	79.4
5EC3-01	Computer Architecture	CO-1	24	78	34.8
		CO-2		75	34.2
		CO-3		73	33.8
		CO-4		80	35.2
5EC4-02	Electromagnetic Waves	CO-1	53	60	54.4
		CO-2		62	54.8
		CO-3		62	54.8
		CO-4		63	55
		CO-5		68	56
5EC4-03	Control System	CO-1	58	57	57.8
		CO-2		65	59.4
		CO-3		61	58.6
		CO-4		67	59.8
		CO-5		66	59.6
5EC4-04	Digital Signal Processing	CO-1	53	69	56.2
		CO-2		59	54.2
		CO-3		54	53.2

		CO-4		58	54
		CO-5		51	52.6
5EC4-05	Microwave Theory & Techniques	CO-1	56	60	56.8
		CO-2		69	58.6
		CO-3		74	59.6
		CO-4		80	60.8
		CO-5		72	59.2
5EC5-14	Embedded System	CO-1	55	72	58.4
		CO-2		62	56.4
		CO-3		61	56.2
		CO-4		51	54.2
		CO-5		50	54
5EC4-21	RF Simulation Lab	CO-1	65	73	66.6
		CO-2		71	66.2
		CO-3		78	67.6
		CO-4		75	67
5EC4-22	Digital Signal Processing Lab	CO-1	62	71	63.8
		CO-2		67	63
		CO-3		69	63.4
		CO-4		78	65.2
		CO-5		64	62.4
5EC4-23	Microwave Lab	CO-1	72	74	72.4
		CO-2		79	73.4
		CO-3		82	74
		CO-4		73	72.2
		CO-5		67	71

5EC7-30	Industrial Training	CO-1	61	82	65.2
		CO-2		76	64
		CO-3		68	62.4
		CO-4		79	64.6
		CO-5		65	61.8
4EC2-01	Advance Engg. Mathematics II	CO-1	46	61	49
		CO-2		65	49.8
		CO-3		67	50.2
		CO-4		72	51.2
4EC1-03	Managerial Economics and Financial Accounting	CO-1	59	40	55.2
		CO-2		50	57.2
		CO-3		57	58.6
		CO-4		60	59.2
4EC4-04	Analog Circuits	CO-1	53	61	54.6
		CO-2		57	53.8
		CO-3		100	62.4
		CO-4		100	62.4
		CO-5		100	62.4
4EC4-05	Microcontrollers	CO-1	44	67	48.6
		CO-2		60	47.2
		CO-3		90	53.2
		CO-4		94	54
		CO-5		92	53.6
4EC3-06	EMI	CO-1	61	72	63.2
		CO-2		83	65.4
		CO-3		68	62.4

		CO-4		67	62.2
		CO-5		71	63
4EC4-07	Analog and Digital Communication	CO-1	44	78	50.8
		CO-2		89	53
		CO-3		93	53.8
		CO-4		91	53.4
		CO-5		90	53.2
4EC4-21	Analog and Digital Communication Lab	CO-1	90	87	89.4
		CO-2		78	87.6
		CO-3		85	89
		CO-4		86	89.2
		CO-5		79	87.8
4EC4-22	Analog Circuits Lab	CO-1	89	79	87
		CO-2		83	87.8
		CO-3		77	86.6
		CO-4		80	87.2
		CO-5		75	86.2
4EC4-23	Microcontrollers Lab	CO-1	91	79	88.6
		CO-2		83	89.4
		CO-3		76	88
		CO-4		85	89.8
		CO-5		81	89
4EC4-24	EMI Lab	CO-1	94	93	93.8
		CO-2		96	94.4
		CO-3		94	94
		CO-4		93	93.8

		CO-5		89	93
3EC2-01	Advance Engineering Mathematics I	CO-1	52	41	49.8
		CO-2		56	52.8
		CO-3		57	53
		CO-4		49	51.4
3EC2-02	Technical Communication	CO-1	56	73	59.4
		CO-2		78	60.4
		CO-3		82	61.2
3EC4-04	Digital System Design	CO-1	47	67	51
		CO-2		68	51.2
		CO-3		52	48
		CO-4		58	49.2
		CO-5		54	48.4
3EC4-05	Signal & Systems	CO-1	51	67	54.2
		CO-2		68	54.4
		CO-3		52	51.2
		CO-4		58	52.4
		CO-5		54	51.6
3EC4-06	Network Theory	CO-1	56	69	58.6
		CO-2		58	56.4
		CO-3		54	55.6
		CO-4		57	56.2
		CO-5		58	56.4
3EC4-07	Electronic Devices	CO-1	53	72.75	56.95
		CO-2		59	54.2
		CO-3		61.25	54.65

		CO-4		54.25	53.25
		CO-5		55	53.4
3EC4-21	Electronic Devices Lab	CO-1	59	81	63.4
		CO-2		71	61.4
		CO-3		74	62
		CO-4		65	60.2
		CO-5		68	60.8
3EC4-22	Digital System Design Lab	CO-1	62	65	62.6
		CO-2		68	63.2
		CO-3		71	63.8
		CO-4		64	62.4
		CO-5		67	63
3EC4-23	Signal Processing Lab	CO-1	67	65	66.6
		CO-2		64	66.4
		CO-3		68	67.2
		CO-4		71	67.8
		CO-5		63	66.2
3EC4-24	Computer Programming Lab 1	CO-1	72	65	70.6
		CO-2		66	70.8
		CO-3		69	71.4
		CO-4		73	72.2
3EC7-30	Industrial Training	CO-1	63	72	64.8
		CO-2		75	65.4
		CO-3		81	66.6
		CO-4		67	63.8
		CO-5		73	65

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
14	3.2.2 Record the attainment of Course Outcomes of all courses with respect to set attainment levels	Percentage of students who attained the target level are less for the courses 3ECIA (EDC)(46.33%), 5EC3A (Telecommunication Engg) (39.57%), 6ECIA (Microwave Engg II) (24.35%)	<ul style="list-style-type: none"> • PO attainment = Direct attainment + Indirect attainment • Direct attainment = 80% weightage of end semester examination (ESE) + 20% weightage of Mid-term examination (MTE) = $0.8*x + 0.2*y$ x = ESE, y = MTE • Indirect attainment = Surveys from stakeholders, placement data, participation of students in co-curricular activities • CO attainment = $0.8*x + 0.2*y$ Where x = End semester examination (ESE) y = Mid-term examination (MTE) • Attainment of Electronic Devices and Microwave Theory & Techniques are attached below:

Direct Attainment:

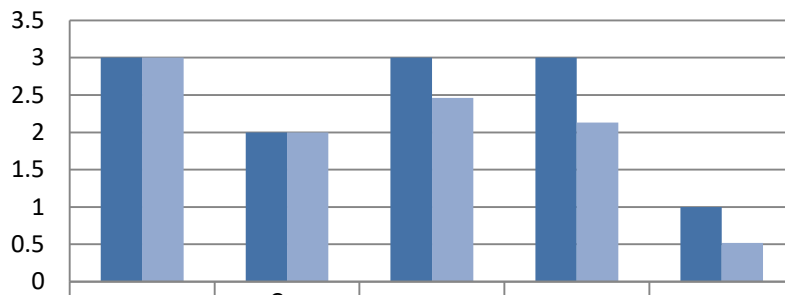
Sub. Code	Sub. Name	CO's	ESE (Average marks by student in external examination as it is not based on COs)	MTE	CO Attainment
			x		y

3EC4-07	Electronic Devices	CO-1	53	72.75	56.95
		CO-2		59	54.2
		CO-3		61.25	54.65
		CO-4		54.25	53.25
		CO-5		55	53.4
5EC4-05	Microwave Theory & Techniques	CO-1	56	60	56.8
		CO-2		69	58.6
		CO-3		74	59.6
		CO-4		80	60.8
		CO-5		72	59.2

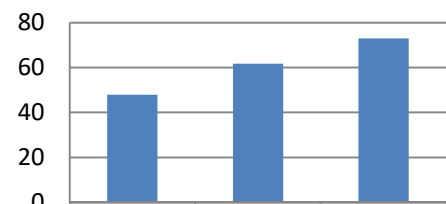
Indirect Attainment:

PO1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and electronics & communication engineering specialization to the solution of complex electronics and communication engineering problems.				
	Tools	Target	Attainment	Rubric
INDIRECT	Placement	3	3	>=70% students placed => Target Achieved Else pro rata
	Co-curricular activities	2	2	>=80% students participated => Target Achieved Else pro rata
	Course Exit survey	3	2.46	Pro rata
	Student Exit survey	3	2.13	Pro rata
	Alumni survey	1	0.52	Pro rata

Indirect Attainment of PO1



	Placement	Co-curricular activities	Course Exit survey	Student Exit survey	Alumni survey
■ Target	3	2	3	3	1
■ Attainment	3	2	2.46	2.13	0.52

S. No .	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)								
	<p>3.3.1 Describe assessment tools and processes used for assessing the attainment of each of the POs &PSOs</p>	<p>Limited tools are employed which are also not effective. Example: For 2017-18 batch, 1 out of 218 (i.e. 0.46%) students got admitted for higher studies, In the companies or govt. sector where this figure for 2016-17 batch is 4 out of 223 (i.e. 1.8%) and for 2015-16 batch is 1 out of 268 (i.e. 0.37%). This shows they have poor knowledge in core subjects.</p>	<ul style="list-style-type: none"> • The department modified and designed tools to assess the attainment of program outcomes, programme specific outcomes. • The PO/PSO attainment has been carried out by considering direct and indirect attainment tool. • Direct attainment is carried out using internal examination result, end semester examination result, project, lab/experiments and industrial training marks. • Indirect attainment is carried out through Placements, Students co/extracurricular achievements awards, course exit survey, program exit survey from students and Alumni feedback • Department has shown significantly improvement in the stats of placement and higher studies as mentioned in graph: <div data-bbox="703 1115 1353 1581" style="border: 1px solid black; padding: 10px; text-align: center;"> <p>Placement (%)</p>  <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>2017-2018</th> <th>2018-2019</th> <th>2019-2020</th> </tr> </thead> <tbody> <tr> <td>Placement (%)</td> <td>47.93</td> <td>61.67</td> <td>72.96</td> </tr> </tbody> </table> </div>		2017-2018	2018-2019	2019-2020	Placement (%)	47.93	61.67	72.96
	2017-2018	2018-2019	2019-2020								
Placement (%)	47.93	61.67	72.96								

			<p style="text-align: center;">No. of Students enrolled for Higher Studies</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>2018-19</th> <th>2019-20</th> <th>2020-21</th> </tr> </thead> <tbody> <tr> <td>■ No. of Students enrolled for Higher Studies</td> <td>2</td> <td>11</td> <td>10</td> </tr> </tbody> </table>		2018-19	2019-20	2020-21	■ No. of Students enrolled for Higher Studies	2	11	10
	2018-19	2019-20	2020-21								
■ No. of Students enrolled for Higher Studies	2	11	10								

Direct Attainment:

Sub. Code	Sub. Name	CO's	ESE	MTE	CO Attainment
			(Average marks by student in external examination as it is not based on COs)		
			x	y	=0.8*x+0.2*y
7EC1A	Antennas and Wave Propagation	CO-1	53	77	57.8
		CO-2		68	56
		CO-3		67	55.8
		CO-4		76	57.6

7EC2A	Digital Signal Processing	CO-1	56	81	58.6
		CO-2		84	59.2
		CO-3		83	59
		CO-4		85	59.4
7EC3A	Digital Image Processing	CO-1	53	76	57.6
		CO-2		78	58
		CO-3		73	57
7EC4A	Wireless Communication	CO-1	59	72	61.6
		CO-2		78	62.8
		CO-3		72	61.6
		CO-4		78	62.8
7EC5A	VLSI Design	CO-1	56	86	62
		CO-2		85	61.8
		CO-3		82	61.2
		CO-4		79	60.6
		CO-5		73	59.4
7EC6.3A	VHDL	CO-1	55	89	61.8
		CO-2		90	62
		CO-3		92	62.4
		CO-4		94	62.8
7EC7A	Signal & Image Processing Lab	CO-1	71	75	71.8
		CO-2		85	73.8
		CO-3		76	72
7EC8A	Wireless Communication	CO-1	79	83	79.8
		CO-2		81	79.4
7EC9A	Practical Training &	CO-1	81	85	81.8

	Industrial Visit	CO-2		73	79.4
		CO-3		76	80
		CO-4		85	81.8
		CO-5		87	82.2
7EC10A	Project 1	CO-1	75	82	76.4
		CO-2		74	74.8
		CO-3		76	75.2
		CO-4		77	75.4
		CO-5		68	73.6

Indirect Attainment:

PO1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and electronics & communication engineering specialization to the solution of complex electronics and communication engineering problems.				
	Tools	Target	Attainment	Rubric
INDIRECT	Placement	3	3	>=70% students placed => Target Achieved Else pro rata
	Co-curricular activities	2	2	>=80% students participated => Target Achieved Else pro rata
	Course Exit survey	3	2.46	Pro rata
	Student Exit survey	3	2.13	Pro rata
	Alumni survey	1	0.52	Pro rata

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
16	3.3.2 Provide results of evaluation of each PO & PSO	Overall Po attainment for batches 2017-18, 2016-17, & 2015-16 are low for PO3 & PO9. For the batch 2015-16 total PSO attainment are low for both PSO1 and PSO2.	<ul style="list-style-type: none"> • PO attainment = Direct attainment + Indirect attainment • Direct attainment = 80% weightage of end semester examination (ESE) + 20% weightage of Mid-term examination (MTE) = $0.8*x + 0.2*y$ x = ESE, y = MTE • Indirect attainment = Surveys from stakeholders, placement data, participation of students in co-curricular activities. • PO and PSO attainment table and graph is mentioned below. • As PO3 and PO9 relate to design and development of solutions and team work, it is achieved through activities like projects, conferences and various co-curricular events. • List of such events for PO and PSO attainment is shown below.

List of Student-Projects

S. no.	Student Name	Project Title	Project Category								
			Embedded System/ Sensors	Android & web Development	Machine Learning	IoT Based	Artificial Intelligence	Image Processing	VLSI/VHDL	Robotics	Communication
1	Srishti Sharma	RECOMMENDATION SYSTEM			Y						
	Priya Bhargava										
	Ankit Kumar Gupta										
	Rahul Sharma										
2	Satwik M Sharma	IOT BUILT MOISTURE	Y			Y					

	Ashish Modi	SYSTEM									
25	Shahid Hassan Ansari	SMART PARKING SYSTEM	Y					Y			Y
	Nikita Kachhawa										
	Uday Pratap Singh										
	Shubham Jain										
26	Devanshi Jain	FIRE EXTINGUISHER ROBOT	Y					Y			Y
	Mukul Odd										
	Pradeep Sharma										
	Avi Goyal										
27	Somu Mishra	MIGRATION TO CLOUD COMPUTING EFFECT ON IT INFRA		Y		Y	Y				Y
	Nitin Kumar Mishra										
	Sam Koshy Thomas										
	Rahul Kulhari										
28	Rohan Nandwana	BANK APPLICATION		Y				Y			
	Anshul Dhaka										
	Rahul Suthar										
	Bhasker Dubey										
29	Shaifali Agarwal	IMPLEMENTATION OF SOLAR TRACKER USING ARDUINO WITH SERVO MOTOR		Y							Y
	Srishti Sharma										
30	Amisha Kabra	EMPLOYEE PAYMENT MANAGEMENT SYSTEM		Y							
	Shruti Vijay										
	Rahul Vikram Chauhan										
	Harshita Sharma										
31	Akshita Agrawal	IMAGE CAPTION GENERATOR		Y				Y			
	Aman Khandelwal										
	Ashutosh Maheshwari										
	Deeksha Jain										
3	Sakshi Samdani	SYS ADMIN		Y			Y				

2	Harsh Vardhan Pancholi	AUTOMATION									
	Dhairya Gupta										
	Kunal K Soni										
3 3	Nandita Jain	E-COMMERCE WEBSITE			Y		Y				
	Vedpriya Gautam										
	Smriti Nayak										
3 4	Rohan Nandwana	AUTOMATIC ROAD LIGHT SYSTEM FOR HIGHWAYS		Y							Y
	Anand Gupta										
	Bhagwan Mundra										
3 5	Chanchal Choudhary	A RESTAURANT CHATBOT		Y	Y		Y				
	Randhir Gupta										
	Rahul Agarwal										
	Anand Nenawa										
3 6	Shubhdeep Chhabra	STRESS DETECTION USING BIO-MEDICAL SENSORS		Y							Y
	Jacob Mahto										
	Mayuri Singh										
	Kashish Bansal										
3 7	Saksham Kapoor	NETWORK MANUFACTURE INFRASTRUCTURE		Y							Y
	Rachita Jain										
	Utkarsh Kapoor										
3 8	Lovey Agarwal	LET'S PANI .APK		Y			Y				
	Riya Agarwal										
	Bikram Bhattacharjee										
	Divyanshu Goyal										
3 9	Aman Saxena	WILD LIFE MONITORING USING GPS		Y							Y
	Satvinder Singh										
	Lavish Garg										
	Arvind Kumar										
4	Shivali Purwar	ARDUINO	Y								Y

List of Student-Projects that have been published in Conference:

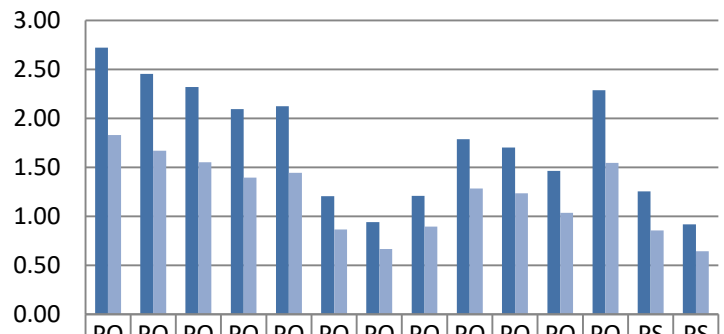
S. No.	Academic Year	Activity Type	Activity Name	No. of students Participated	Action Taken for	URL of Report
1	2019-20	Conference (National)	RACON-2020	175	Research & Innovation , Higher studies	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/RACON2020Report.pdf
2	2018-19	Conference (National)	RACON-2019	25	Research & Innovation , Higher Studies	https://jecrcfoundation.com/jf-data/Conference/RACON-2019-Report.pdf

Outcome in terms of Design and Development: Technical Activities

S. No.	Activity type	Activity Place	Participation/Achievement Level	No. of Achievers	URL of Certificates /Report
1	Tech. Event	IIT Bombay	National level	1	http://jecrcfoundation.com/jf-data/NBA/ECE/Achievment/IITBombay.pdf
2	Tech. Event	IIITM, Gwalior	National level	1	http://jecrcfoundation.com/jf-data/NBA/ECE/Achievment/IIITMGwalior.pdf
3	Hackathon	Rajasthan Hackathon 5.0	National level	1	http://jecrcfoundation.com/jf-data/NBA/ECE/Achievment/RajHackathon.pdf
4	Tech. Event	JKLU, Jaipur	National level	2	http://jecrcfoundation.com/jf-data/NBA/ECE/Achievment/JKLMWinnner.pdf

5	SIH	SIH 2020	National level	6	http://jecrcfoundation.com/jf-data/NBA/ECE/Achievment/SIH2020.pdf
6	SIH	SIH 2019	National level	5	http://jecrcfoundation.com/jf-data/NBA/ECE/Achievment/sih2019.pdf
7	Robo War	JECRC, Jaipur	National level	24	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf
8	Robo Soccer	JECRC, Jaipur	National level	90	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf
9	Line Follower	JECRC, Jaipur	National level	50	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf
10	Sumo War	JECRC, Jaipur	National level	42	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf
11	Formula Zero	JECRC, Jaipur	National level	115	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf
12	Drone Racing Championship	JECRC, Jaipur	National level	42	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf

PO/PSO Attainment 2019-20



	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2
■ PO/PSO Target	2.72	2.45	2.32	2.09	2.12	1.20	0.94	1.21	1.79	1.70	1.46	2.29	1.25	0.92
■ PO/PSO Attainment	1.83	1.67	1.55	1.39	1.44	0.86	0.67	0.90	1.28	1.24	1.04	1.55	0.86	0.64

Criteria 4

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)								
17	4.2.1 Success rate without backlogs in any Semester/year of study Without Backlog means no compartment or failures in any semester/year of study	Success rate without backlogs has remained consistently poor. 2014-15: 108/222 (=48.64%), 2013-14: 109/223 (=48.87%), 2012-13: 143/269 (=53.15%). Needs major concern	<ul style="list-style-type: none"> Department have adopted various methods for improving success rate and graph of success rate is mentioned below: <div style="text-align: center;"> <table border="1" style="margin: 10px auto;"> <thead> <tr> <th></th> <th>LYGm2 (2014-15)</th> <th>LYGm1 (2015-16)</th> <th>LYG (2016-17)</th> </tr> </thead> <tbody> <tr> <td>■ Success Index (SI)</td> <td>0.49</td> <td>0.42</td> <td>0.42</td> </tr> </tbody> </table> </div> <p>(https://drive.google.com/drive/folders/1MNO5xDERGxt-OJaKa_68mjvMbPU4vn_E?usp=sharing)</p>		LYGm2 (2014-15)	LYGm1 (2015-16)	LYG (2016-17)	■ Success Index (SI)	0.49	0.42	0.42
	LYGm2 (2014-15)	LYGm1 (2015-16)	LYG (2016-17)								
■ Success Index (SI)	0.49	0.42	0.42								

S. No.	Methods adopted for Improving Success Rate	Related Document	URL of Related Document
1	Brush-up of Pre-requisites for every Course	Sample Course Plan	http://jecrcfoundation.com/jf-data/NBA/ECE/EC3/MicrowaveEngCoursePlan.pdf
2	Regular Lectures through Chalk-Board		
3	Regular Assignments	Assignment	https://jecrcfoundation.com/jf-data/NBA/ECE/EC3/MicrowaveQuizAssignment.pdf
4	Quizzes	Quizz	https://jecrcfoundation.com/jf-data/NBA/ECE/EC3/MicrowaveQuizAssignment.pdf
5	Mock Test as per RTU format	Question Paper	http://jecrcfoundation.com/jf-data/NBA/ECE/EC1/ControlSystemFullLength.pdf

6	Discussion of Previous Years' University Papers	University Paper and	http://jecrcfoundation.com/jf-data/NBA/ECE/EC1/EDRTUPaper.pdf
		University Paper Solution	http://jecrcfoundation.com/jf-data/NBA/ECE/EC1/EDRTUPaper Solution.pdf
7	Discussion of GATE/PSU Questions	GATE questions	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/ZTRANSFORM.pdf http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/LaplaceTransform.pdf
8	Video Lectures	List of video lectures	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/LabVideos.pdf

Year of entry	N1 + N2 + N3 (As defined above)	Number of students who have successfully graduated without backlogs in any semester/year of study (Without Backlog means no compartment or failures in any semester/year of study)			
		I Year	II Year	III Year	IV Year
CAY (2020-21)	177(177+0+0)	-	-	-	-
CAYm1 (2019-20)	230(229+1+0)	106	-	-	-
CAYm2 (2018-19)	162(161+1+0)	64	55	-	-
CAYm3 (2017-18)	221(220+1+0)	139	82	80	-
CAYm4(LYG) (2016-17)	237(235+2+0)	149	116	102	100
CAYm5(LYGm1) (2015-16)	228(225+3+0)	150	112	97	95
CAYm6(LYGm2) (2014-15)	222(219+3+0)	139	117	109	108

Item	Latest Year of Graduation, LYG (CAYm4) 2016-17	Latest Year of Graduation minus 1, LYGm1 (CAYm5) 2015-16	Latest Year of Graduation minus 2, LYGm2 (CAYm6) 2014-15
Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry and separate division, if applicable	237	228	222
Number of students who have graduated without backlog in the stipulated period	100	95	108
Success Index (SI)	0.42	0.42	0.49
Average Success Index	0.44		

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)								
18	4.2.2 Success rate with backlog in stipulated period (actual duration of the program)	Success rate with backlog has decreased over the years, 2014-15: 151/222 (=68%), 2013-14: 168/223 (=75.33%), 2012-13: 214/269 (=79.55%). Needs improvement.	<ul style="list-style-type: none"> Department have adopted various methods for improving success rate and graph of success rate is mentioned below: <div style="text-align: center;"> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>LYGm2 (2014-15)</th> <th>LYGm1 (2015-16)</th> <th>LYG (2016-17)</th> </tr> </thead> <tbody> <tr> <td>Success Index (SI)</td> <td>0.51</td> <td>0.58</td> <td>0.58</td> </tr> </tbody> </table> </div> <p>(https://drive.google.com/drive/folders/1MNO5xDERGxt-OJaKa_68mjvMbPU4vn_E?usp=sharing)</p>		LYGm2 (2014-15)	LYGm1 (2015-16)	LYG (2016-17)	Success Index (SI)	0.51	0.58	0.58
	LYGm2 (2014-15)	LYGm1 (2015-16)	LYG (2016-17)								
Success Index (SI)	0.51	0.58	0.58								

S. No.	Methods adopted for Improving Success Rate with Backlog	Related Document	URL of Related Document

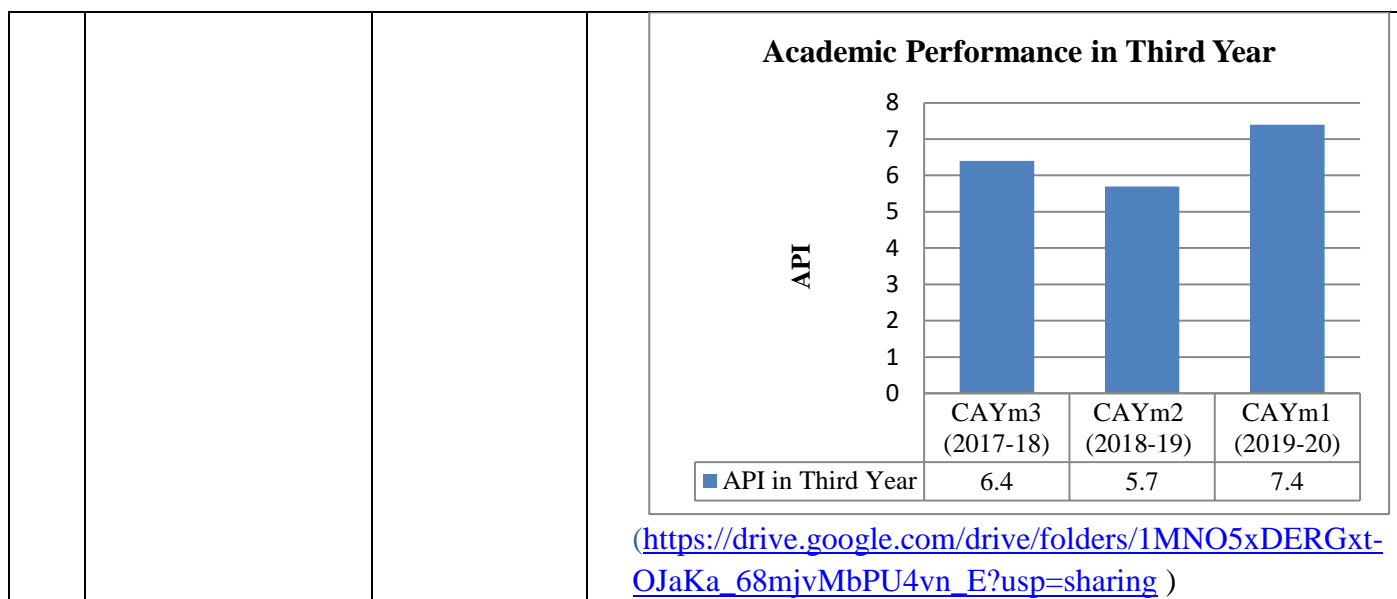
1	Special Lectures from Subject Experts	Time-Table	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/RemedialClasses.pdf
2	Assignments	Assignment	http://jecrcfoundation.com/jf-data/NBA/ECE/EC3/MicrowaveQuizAssignment.pdf
3	Mock Test as per RTU format	Question Paper	http://jecrcfoundation.com/jf-data/NBA/ECE/EC1/ControlSystemFullLength.pdf
4	Discussion of Previous Years' University Papers	University Paper and	http://jecrcfoundation.com/jf-data/NBA/ECE/EC1/EDRTUPaper.pdf
		University Paper Solution	http://jecrcfoundation.com/jf-data/NBA/ECE/EC1/EDRTUPaperSolution.pdf
5	Video Lectures	List of video lectures	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/LabVideos.pdf

Year of entry	N1 + N2 + N3 (As defined above)	Number of students who have successfully graduated (Students with backlog in stipulated period of study)			
		I Year	II Year	III Year	IV Year
CAY (2020-21)	177(177+0+0)	-	-	-	-
CAYm1 (2019-20)	230(229+1+0)	124	-	-	-
CAYm2 (2018-19)	162(161+1+0)	98	107	-	-
CAYm3 (2017-18)	221(220+1+0)	82	139	141	-
CAYm4(LYG) (2016-17)	237(235+2+0)	88	121	135	137
CAYm5(LYGm1) (2015-16)	228(225+3+0)	78	116	131	133

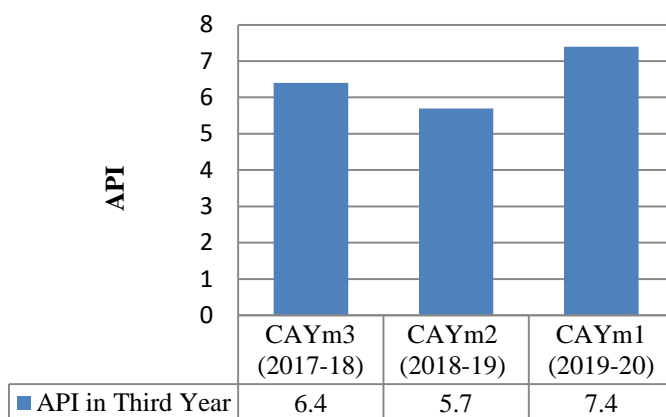
CAYm6(LYGm2) (2014-15)	222(219+3+0)	83	105	113	114
-----------------------------------	--------------	----	-----	-----	-----

Item	Latest Year of Graduation, LYG (CAYm4) 2016-17	Latest Year of Graduation minus 1, LYGm1 (CAYm5) 2015-16	Latest Year of Graduation minus 2, LYGm2 (CAYm6) 2014-15
Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry and separate division, if applicable	237	228	222
Number of students who have graduated with backlog in the stipulated period	137	133	114
Success Index (SI)	0.58	0.58	0.51
Average Success Index	0.56		

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
19	4.3 Academic Performance in Third Year	Needs improvement	<ul style="list-style-type: none"> Department have adopted various methods for improving academic performance of 3rd year students and graph of the same is mentioned below:



Academic Performance in Third Year



(https://drive.google.com/drive/folders/1MNO5xDERGxt-OJaKa_68mjvMbPU4vn_E?usp=sharing)

8	Video Lectures	List of video lectures	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/LabVideos.pdf
---	----------------	------------------------	---

Academic Performance	CAYm1 (2019-20)	CAYm2 (2018-19)	CAYm3 (2017-18)
Mean of CGPA of Mean Percentage of all successful students (X)	6.9	6.6	6.4
Total no. of successful students (Y)	216	230	226
Total no. of students appeared in the examination (Z)	216	230	226
$API = x * (Y/Z)$	6.9	6.6	6.4
Average API = $(AP1 + AP2 + AP3)/3$	6.64		

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)								
20	4.4 Academic Performance in Second Year	Needs improvement	<ul style="list-style-type: none"> Department have adopted various methods for improving academic performance of 3rd year students and graph of the same is mentioned below: <div style="text-align: center;"> <p>Academic Performance in Second Year</p> <table border="1"> <thead> <tr> <th>Year</th> <th>API</th> </tr> </thead> <tbody> <tr> <td>CAYm3 (2017-18)</td> <td>6.4</td> </tr> <tr> <td>CAYm2 (2018-19)</td> <td>5.7</td> </tr> <tr> <td>CAYm1 (2019-20)</td> <td>7.4</td> </tr> </tbody> </table> </div> <p>https://drive.google.com/drive/folders/1MNO5xDERGxt-OJaKa_68mjvMbPU4vn_E?usp=sharing</p>	Year	API	CAYm3 (2017-18)	6.4	CAYm2 (2018-19)	5.7	CAYm1 (2019-20)	7.4
Year	API										
CAYm3 (2017-18)	6.4										
CAYm2 (2018-19)	5.7										
CAYm1 (2019-20)	7.4										

S. No.	Methods adopted for Improving Success Rate	Related Document	URL of Related Document
--------	--	------------------	-------------------------

1	Brush-up of Pre-requisites for every Course	Sample Course Plan	http://jecrcfoundation.com/jf-data/NBA/ECE/EC3/MicrowaveEngCoursePlan.pdf
2	Regular Lectures through Chalk-Board		
3	Regular Assignments	Assignment	http://jecrcfoundation.com/jf-data/NBA/ECE/EC3/MicrowaveQuizAssignment.pdf
4	Quizzes	Quizz	http://jecrcfoundation.com/jf-data/NBA/ECE/EC3/MicrowaveQuizAssignment.pdf
5	Mock Test as per RTU format	Question Paper	http://jecrcfoundation.com/jf-data/NBA/ECE/EC1/ControlSystemFullLength.pdf
6	Discussion of Previous Years' University Papers	University Paper and	http://jecrcfoundation.com/jf-data/NBA/ECE/EC1/EDRTUPaper.pdf
		University Paper Solution	http://jecrcfoundation.com/jf-data/NBA/ECE/EC1/EDRTUPaper Solution.pdf
7	Discussion of GATE/PSU Questions	GATE questions	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/ZTRANSFORM.pdf http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/LaplaceTransform.pdf
8	Video Lectures	List of video lectures	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/LabVideos.pdf

Academic Performance	CAYm1 (2019-20)	CAYm2 (2018-19)	CAYm3 (2017-18)
Mean of CGPA of Mean Percentage of all successful students (X)	7.4	5.7	6.4
Total no. of successful students (Y)	159	217	233
Total no. of students appeared in the examination (Z)	159	217	233
$API = x * (Y/Z)$	7.4	5.7	6.4
Average API = $(AP1 + AP2 + AP3)/3$	6.50		

S. No	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)																
21	4.5 Placement, Higher studies and Entrepreneurship	<ul style="list-style-type: none"> Placement is found to be deteriorating in the year 2017-18 (CAYm1) only (44.03% =96/218) compared to previous year (51.12%=114/223 in 2016-17 and 63.05%=169/268 in 2015-16) spite of having placement tool and mentoring activities. Highest salary package has decreased in the year 2018-19 ((7LPA)compared to the previous the year 2017-18 (9LPA) Significant reduction in the interest of students opting for higher studies has been noted in the year 2017-18 (only 0.4% =1/218) compared to the previous year 2016-17 (1.79% = 4/223) in spite of having active placement tool and mentoring activities that includes analysis for PSU/GATE. Students turned entrepreneur in engineering/technology are very low and follow-up action exists 	<ul style="list-style-type: none"> Department have adopted various methods for improving the placement and higher studies stats as mentioned in table below. On the basis of above methods stats have been improved as shown in table and graph. <div data-bbox="751 618 1414 1048"> <p style="text-align: center;">Placement Percentage %</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>CAYm3 (2017-2018)</th> <th>CAYm2 (2018-2019)</th> <th>CAYm1 (2019-2020)</th> </tr> </thead> <tbody> <tr> <td>Placement Percentage %</td> <td>47.93</td> <td>61.67</td> <td>72.96</td> </tr> </tbody> </table> </div> <div data-bbox="751 1059 1414 1473"> <p style="text-align: center;">No. of Students enrolled for Higher Studies</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>2018-19</th> <th>2019-20</th> <th>2020-21</th> </tr> </thead> <tbody> <tr> <td>No. of Students enrolled for Higher Studies</td> <td>2</td> <td>11</td> <td>10</td> </tr> </tbody> </table> </div>		CAYm3 (2017-2018)	CAYm2 (2018-2019)	CAYm1 (2019-2020)	Placement Percentage %	47.93	61.67	72.96		2018-19	2019-20	2020-21	No. of Students enrolled for Higher Studies	2	11	10
	CAYm3 (2017-2018)	CAYm2 (2018-2019)	CAYm1 (2019-2020)																
Placement Percentage %	47.93	61.67	72.96																
	2018-19	2019-20	2020-21																
No. of Students enrolled for Higher Studies	2	11	10																

Academic Year	Activity Name	Activity Type	Action Taken for	Resource Person/Agency	No. of Participants	URL of Report
2019-20	FACE Training	Analytical Training	Placement	Focus Academy	233	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/CRT2019-20.pdf
	Remedial Classes	Brush-up Classes	University Results	Faculty	233	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/RemedialClasses.pdf
	Invited talk by Mr. Jitendra Tiwari of Made Easy Education	Expert Talk	Higher Studies	Mr. Jitendra tiwari of made easy education	106	https://jecrcfoundation.com/jf-data/NBA/ECE/2019-20/MadeEasy.pdf
	Invited talk by Mr. Pankaj Talwar (jamboree india)			Mr. Pankaj talwar (jamboree india)	110	https://jecrcfoundation.com/jf-data/NBA/ECE/2019-20/Jambooree.pdf
	Invited talk by Mr. Dwijendra Srivastava of IMS Education			Mr. Dwijendra Srivastava of IMS Education	152	https://jecrcfoundation.com/jf-data/NBA/ECE/2019-20/IMS.pdf
2018-19	FACE Training	Analytical Training	Placement	Focus Academy	227	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/CRT2018-19.pdf
	EXPERT TALK on Block Chain Technology	Expert Talk	Higher Studies	Dr. Rajiv Mathur, CTO, Chainvine Ltd	58	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/BlockChain.pdf

	Expert talk by Mr. Ashok kumar			(Section officer-ministry of external affairs)	56	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/ForeignPolicy.pdf
	Expert talk on Remote Process Automation (RPA)		Entrepreneurship	By Mr. Vaibhav Jain Sr. Technical advisor Earnst & young Ltd.	33	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/RPA.pdf
2017-18	FACE Training	Analytical Training	Placement	Focus Academy	217	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/CRT2017-18.pdf
	Seminar on Embedded System Design	Expert Talk	Entrepreneurship	Mr. Chetan Prakash, Trainer (Apron India)	75	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/SeminarApron.pdf

Student Progression Report: Placement Numbers

Category	Year (values)		
	2017-2018	2018-2019	2019-2020
Placed Students	104	140	170
Eligible Students	196	192	199
Total Students	217	227	233
% (on eligible)	53.06	72.92	85.43
%(on total)	47.93	61.67	72.96

Academic Year	2017-18	2018-19	2019-20	2020-21

No. of Students enrolled for Higher Studies	8	2	11	10
---	---	---	----	----

Details of Placement Session 2019-20

S.No.	Name of student placed	Name of the employer	Pay package at appointment
1	Aanchal Gupta	Marvel Infocom	1.8 - 3.0 LPA
2	Aditya Khandelwal	Tepl	1.8 LPA
3	Aditya Sharma	Accenture Phase 2	4 LPA
4	Akshita Agrawal	Accenture	4.5-6.5 LPA
5	Aman Khandelwal	Accenture	4.5-6.5 LPA
6	Aman Totuka	Tepl	1.8 LPA
7	Amisha Kabra	Accenture	4.5-6.5 LPA
8	Anand Gupta	Infosys Rtu-1	3-4 LPA
9	Anchal Agarwal	Accenture	4.5-6.5 LPA
10	Anjali Nyati	Tcs Nqt	3.36 LPA
11	Anjul Asawa	Infosys Rtu 2	3-4 LPA
12	Ankit Kumar Gupta	Atcs	4 LPA
13	Anshul Dhaka	Ibm	3.5 LPA
14	Anubhav Kumar Jha	Accenture	4.5-6.5 LPA
15	Apul Jain	Accenture	4.5-6.5 LPA
16	Arun Soni	Chegg India-Phase 2	4.2 LPA
17	Arvind Kumar	Accenture	4.5-6.5 LPA
18	Aryan Sharma	Accenture	4.5-6.5 LPA
19	Ashish Gupta	Capegemini	3.8 LPA
20	Ashish Modi	Byju-S	4.75- 10 LPA
21	Ashutosh Maheshwari	Marvel Infocom	1.8 - 3.0 LPA

22	Avani Bansal	Accenture	4.5-6.5 LPA
23	Avi Goyal	Marvel Infocom	1.8 - 3.0 LPA
24	Ayushi Johari	Atcs	4 LPA
25	Bhagwan Mundra	Tepl	1.8 LPA
26	Bharat Nainani	Tcs Nqt	3.36 LPA
27	Bhavit Mathur	Ey Global	3-4 LPA
28	Bhavya Vadhyani	Accenture	4.5-6.5 LPA
29	Bikram Bhattacharjee	Tcs Nqt	3.36 LPA
30	Chanchal Choudhary	Birla Soft	3.25 LPA
31	Cheshta Agrawal	Accenture	4.5-6.5 LPA
32	Chinmai Bhardwaj	Accenture	4.5-6.5 LPA
33	Chunmun Khandelwal	Accenture	4.5-6.5 LPA
34	Deeksha Jain	Accenture	4.5-6.5 LPA
35	Devansh Singh Kushwaha	Tcs Nqt	3.36 LPA
36	Devanshi Jain	Birla Soft	3.25 LPA
37	Dhairya Gupta	Just Dial	2.59-2.73 LPA
38	Dinesh Kumar	Tepl	1.8 LPA
39	Dishant Banger	Marvel Infocom	1.8 - 3.0 LPA
40	Divyanshu Goyal	Tepl	1.8 LPA
41	Ekta Achha	Accenture	4.5-6.5 LPA
42	Gourav Goyal	Tepl	1.8 LPA
43	Gunjan Agrawal	Rectra It	2.44 LPA
44	Hardik R Rathi	Tcs Nqt	3.36 LPA
45	Harish Bhardwaj	Accenture	4.5-6.5 LPA
46	Harshit Khandelwal	Byjus- 2	10 LPA
47	Harshit Mittal	Accenture Phase 2	4 LPA

48	Harshita Sharma	Just Dial	2.59-2.73 LPA
49	Hemendra Singh Dhakar	Tepl	1.8 LPA
50	Jahanvi Singla	Accenture	4.5-6.5 LPA
51	Jahnvi Sharma	Just Dial	2.59-2.73 LPA
52	Jaya Mittal	Accenture Phase 2	4 LPA
53	Jenisha Yadav	Accenture	4.5-6.5 LPA
54	Jigyasa Sethi	Accenture Phase 2	4 LPA
55	Juhi Garg	Accenture	4.5-6.5 LPA
56	Kamal Motiramani	Byjus- 2	10 LPA
57	Kanika BHATT	TEPL	1.8 LPA
58	Kanika Jain	Capgemini	3.8 LPA
59	Karamveer Pratap Singh Rathod	Tepl	1.8 LPA
60	Kashish Bansal	Rectra It	2.44 LPA
61	Keya Vyas	Accenture	4.5-6.5 LPA
62	Khushboo Mittal	Accenture	4.5-6.5 LPA
63	Khushbu Bihani	Creditas	3 LPA
64	Kinjal Sharma	Atcs	4 LPA
65	Krati Bhadada	Accenture	4.5-6.5 LPA
66	Kunal K Soni	Atcs	4 LPA
67	Latika Kharbanda	Accenture	4.5-6.5 LPA
68	Lavish Garg	Auriga It	3.5 LPA
69	Lekhita Sharma	Accenture	4.5-6.5 LPA
70	Lovey Agarwal	Accenture	4.5-6.5 LPA
71	Manvendra Singh Rathore	Accenture	4.5-6.5 LPA
72	Mayuri Singh	Marvel Infocomm Pvt Ltd	1.8 - 3.0 LPA

73	Mehul Kumar Gupta	Alibaba	3.6 LPA
74	Mohini Swami	Accenture	4.5-6.5 LPA
75	Mohit Bhat	Tepl	1.8 LPA
76	Mukul Odd	Capgemini	3.8 LPA
77	Mukul Swami	Tepl	1.8 LPA
78	Muskan Modi	Accenture	4.5-6.5 LPA
79	Naman Chugh	TEPL	1.8 LPA
80	Nandita Jain	Wipro Elite- 2	3.5 LPA
81	Navdha Pareek	Marvel Infocom	1.8 - 3.0 LPA
82	Neel Kshatriya	Byjus - 2	10 LPA
83	Neha Gupta	Tcs Nqt	3.36 LPA
84	Niharika Gautam	Accenture	4.5-6.5 LPA
85	Nikhil Jain	Chegg India	4.2 LPA
86	Nikhil Swarnkar	Alibaba	3.6 LPA
87	Nikita Sain	Nv Infrasol	1.8 LPA
88	Nishant Amera	Alibaba	3.6 LPA
89	Nishant Jain	Tcs Codevita	3.5-7 LPA
90	Nitin Mangal	Tepl	1.8 LPA
91	Ojaswini Tanwar	Accenture Phase 2	4 LPA
92	Parth Mathur	Accenture	4.5-6.5 LPA
93	Parth Sharma	Wipro Elite- 2	3.5 LPA
94	Peehu Choudhary	Accenture	4.5-6.5 LPA
95	Prabal Jain	Marvel Infocom	1.8 - 3.0 LPA
96	Prachi Goyal	Tcs Nqt	3.36 LPA
97	Prajwal Joshi	Capgemini	3.8 LPA
98	Pranshul Singh	Tcs Nqt	3.36 LPA

99	Preeti Agrawal	Accenture	4.5-6.5 LPA
100	Prem Golani	Tcs Nqt	3.36 LPA
101	Prince Jain	Daffodil	4-5 LPA
102	Priya Bhargava	Accenture	4.5-6.5 LPA
103	Priyanshi Ajmera	Capgemini Off Campus	3.5 LPA
104	Pulkit Munjral	Accenture	4.5-6.5 LPA
105	Rachita Jain	Tcs Nqt	3.36 LPA
106	Raghav Ladha	Accenture	4.5-6.5 LPA
107	Rahul Agarwal	Tcs Nqt	3.36 LPA
108	Rahul Modi	Wipro Elite	3.5 LPA
109	Rahul Sharma	Tepl	1.8 LPA
110	Rahul Suthar	Tepl	1.8 LPA
111	Rahul Vikram Chauhan	Tepl	1.8 LPA
112	Rajat Kataria	Metacube	4-5 LPA
113	Ramakant	JUST Dial	2.59-2.73 LPA
114	Randhir Gupta	Accenture	4.5-6.5 LPA
115	Rashi Parikh	Atcs	4 LPA
116	Raunak Keshri	Accenture	4.5-6.5 LPA
117	Rishikesh Kumar Jha	Tcs Nqt	3.36 LPA
118	Riya Agarwal	Tcs Nqt	3.36 LPA
119	Rohit Ghiya	Accenture Phase 2	4 LPA
120	Ronak Samriya	Vodafone	3.5 LPA
121	Sachin Soni	Tepl	1.8 LPA
122	Sahil	Accenture	4.5-6.5 LPA
123	Saksham Kapoor	Capgemini	3.8 LPA
124	Sakshi Joshi	Tepl	1.8 LPA

125	Sakshi Samdani	Wipro Elite- 2	3.5 LPA
126	Sam Koshy Thomas	Tcs Nqt	3.36 LPA
127	Sanjeev Kumar	Marvel Infocom	1.8 - 3.0 LPA
128	Sanket Khandelwal	Accenture	4.5-6.5 LPA
129	Saransh Sahu	Alibaba	3.6 LPA
130	Satvinder Singh	Creditas	3 LPA
131	Satwik M Sharma	Alibaba	3.6 LPA
132	Aher Abhijeet	Accenture	4.5-6.5 LPA
133	Shaifali Agarwal	Accenture	4.5-6.5 LPA
134	Shambhawi Singh	Birla Soft	3.25 LPA
135	Shashank Jain	Capgemini	3.8 LPA
136	Shivali Purwar	Accenture	4.5-6.5 LPA
137	Shivam Rawat	Capegemini	3.8 LPA
138	Shivam Sharma	Byjus	4.75- 10 LPA
139	Shreyansh Pandey	Accenture	4.5-6.5 LPA
140	Shruti Vijay	Accenture	4.5-6.5 LPA
141	Shubhada Goyal	Capegemini	3.8 LPA
142	Shubham Jain	Tepl	1.8 LPA
143	Shubham Jain	Tepl	1.8 LPA
144	Shubhdeep Chhabra	Accenture	4.5-6.5 LPA
145	Simran Chhapparwal	Accenture	4.5-6.5 LPA
146	Smriti Nayak	Marvel Infocom	1.8 - 3.0 LPA
147	Subham	TCS NQT	3.36 LPA
148	Sumit Kumar Mittal	Just Dial	2.59-2.73 LPA
149	Sunil Sharma	Tepl	1.8 LPA
150	Surbhi Trivedi	Accenture	4.5-6.5 LPA

151	Sushant Singh	Thrillophilia	2.4-3.4 LPA
152	Suyash Shrey Jain	Capgemini	3.8 LPA
153	Tanish Sutradhar	Accenture	4.5-6.5 LPA
154	Tanishq Jain	Byjus- 2	10 LPA
155	Tanu Rajawat	Atcs	4 LPA
156	Tushar	Byjus-2	10 LPA
157	Tushar Jaiswal	Tcs Nqt	3.36 LPA
158	Uttam Kumar Jha	Accenture Phase 2	4 LPA
159	Vaibhav Sachdeva	Capgemini	3.8 LPA
160	Vandit Dhagga	Atcs	4 LPA
161	Varuni Agarwal	Acadmia Guru	2.52- 4.5 LPA
162	Vedant Pareek	Accenture	4.5-6.5 LPA
163	Vedpriya Gautam	Acadmia Guru	2.52- 4.5 LPA
164	Vini Singh	Tepl	1.8 LPA
165	Vipul Pareta	Capgemini	3.8 LPA
166	Vipul Srivastava	Tcs Nqt	3.36 LPA
167	Vishal Pareek	Accenture	4.5-6.5 LPA
168	Yash Kumar	Chegg India-Phase 2	4.2 LPA
169	Yash Tak	Just Dial	2.59-2.73 LPA
170	Yashika Dhiria	Accenture	4.5-6.5 LPA

S. No	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
22	4.6.1 Professional societies/ chapters and organizing	A number of subject related professional activities such as workshops, seminars, industrial visits, expert talks etc. have been conducted under professional	<ul style="list-style-type: none"> Department have organized various activities with the association of OSA student chapter, IETE Rajasthan centre, IEEE Rajasthan Subsection, Elsevier,

engineering events	bodies like Electronica, Xananoids etc. have been conducted in 2018. However, Professional bodies like IEEE, ISTE, IETE can be included.	etc. as mentioned in table.
---------------------------	--	-----------------------------

S. No.	Session	Activity Name	Association	URL of related Document
1	2020-21	ICAMCM-2021	Elsevier, IOP Science, OSA student chapter, IETE Rajasthan centre	https://jecrcconference.in/icamcm2021/
2	2020-21	Webinar on Demystifying Machine Learning and Deep Learning	OSA student chapter, IETE Rajasthan centre, IEEE Rajasthan Subsection	http://jecrcfoundation.com/jf-data/NBA/ECE/EC1/2.pdf
3	2020-21	Webinar on Demystifying IoT: The technology for connected world	OSA student chapter, IETE Rajasthan centre, IEEE Rajasthan Subsection	https://jecrcfoundation.com/jf-data/NBA/ECE/EC1/3.pdf
4	2020-21	Webinar on Outcome based Education and Accreditation	OSA student chapter, IETE Rajasthan centre, IEEE Rajasthan Subsection	https://jecrcfoundation.com/jf-data/NBA/ECE/EC1/4.pdf
5	2020-21	Webinar on Data Analytics: Adoption of IOT solution to increase data collection	OSA student chapter, IETE Rajasthan centre, IEEE Rajasthan Subsection	https://jecrcfoundation.com/jf-data/NBA/ECE/EC1/5.pdf
6	2020-21	Webinar on IoT Protocol: Design and challenges for wireless Communication System	OSA student chapter, IETE Rajasthan centre, IEEE Rajasthan Subsection	https://jecrcfoundation.com/jf-data/NBA/ECE/EC1/8.pdf
7	2019-20	RACON-2020 (National)	OSA student chapter, IETE Rajasthan centre	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/RACON2020Report.pdf
8	2019-20	ICCOMET-2020 (International)	OSA student chapter, IETE Rajasthan centre, IJSER	https://jecrcfoundation.com/jf-data/Conference/RTDEEE-

				2018.pdf
9	2018-19	RACON-2019 (National)	OSA student chapter, IETE Rajasthan centre, IJERT,	https://jecrcfoundation.com/jf-data/Conference/RACON-2019-Report.pdf
10	2018-19	ICCOMET-2019 (international)	OSA student chapter, IETE Rajasthan centre, IJSER, IJERT	https://jecrcfoundation.com/jf-data/Conference/ICCOMET2019-Report.pdf
11	2017-18	RTDEEE-2018 (International)	ISST, India	https://jecrcfoundation.com/jf-data/Conference/RTDEEE-2018.pdf

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
23	4.6.2 Publication of technical magazines, newsletter etc.	Department publishes a newsletter named Ujjwalam where participation of both faculties and students have been noted.	<ul style="list-style-type: none"> Department is continuously publishing newsletter named Ujjwalam as mentioned below.

S. No.	Academic Year	Name of The Newsletter	Month and Year of Publication
1	2019-20	Ujjwalam	August-December (2019)
2	2019-20	Ujjwalam	January-July (2020)
3	2018-19	Ujjwalam	August (2018)
4	2018-19	Ujjwalam	July (2018)
5	2017-18	Ujjwalam	October(2017)



Jaipur Engineering College And Research Centre

Ujjwalam

Department of Electronics and
Communication Engineering

Volume 1, Issue 2
October 2017



Department of Electronics and Communication Engineering



Jaipur Engineering College And Research Centre

Ujjwalam

Department of Electronics and
Communication Engineering

Volume 1, Issue 1
March 2017



Department of Electronics and Communication Engineering



Jaipur Engineering College and Research Centre

Ujjwalam

Department of Electronics and
Communication Engineering

AUGUST-DECEMBER
2019



Department of Electronics and Communication Engineering

Criteria 5

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)			
2	5.2 Student Faculty Ratio (SFR)	Student-Faculty ratio is 20.18	Year	CAY 2020-21	CAY 2019-20	CAY 2018-19
			Student Faculty Ratio (SFR)	13.04	13.1	14
			Average SFR	13.3		
<ul style="list-style-type: none"> • Now student faculty ratio is 13.3 						

Year	CAY 2020-21	CAY 2019-20	CAY 2018-19
u1.1	230	162	221
u1.2	162	221	237
u1.3	221	237	228
UG1	613	620	686
Total No. of Students in the Department (S)	613	620	686
No. of Faculty in the Department(F)	47	47	49
Student Faculty Ratio (SFR)	13.04	13.1	14
Average SFR	13.3		

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
2	5.2 Faculty Cadre	No. of professor and Associate professors	<ul style="list-style-type: none"> • Number of Professor and Associate Professor required and available are listed

	Proportion	are less.	below.
--	-------------------	-----------	--------

Academic Year	Professors		Associate Professors		Assistant Professors	
	Required	Available	Required	Available	Required	Available
CAY (2021-20)	4	3	8	5	24	39
CAYm1 (2019-20)	4	1	8	7	24	39
CAYm2 (2018-19)	4	2	8	4	24	43
Average Numbers	RF1=4	AF1=2	RF2=8	AF2=5	RF3=24	AF3=40.6

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
20	5.3 Faculty Qualification	Satisfactory	<ul style="list-style-type: none"> Seven faculty members completed their Ph. D degree during 2018-19 & 2019-20. Six faculty members enrolled in PhD programme during 2018-19 & 2019-20.

2020-21		2019-20		2018-19	
Total Faculty =47		Total Faculty =48		Total Faculty =49	
Ph.D.	M. Tech.	Ph.D.	M. Tech.	Ph.D.	M. Tech.
11	36	9	39	4	45

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
21	5.5	No such important and	<ul style="list-style-type: none"> To develop the learning aspirations of

	Innovations by the Faculty in Teaching and Learning	useful works observed.	<p>students, Student-centric teaching learning methodologies have been effectively adopted by the department.</p> <ul style="list-style-type: none"> ➤ For efficient learning and teaching procedure various online courses, MOOCs, SWAYAM, and ICT tools are also taken into practice. ➤ On JECRC website all updates and information regarding teaching-learning is dissipated. Links related to innovation are listed below.
--	--	------------------------	---

S. No.	Innovation/Novel Methods Adopted by Faculty in Teaching-Learning Process	URL
1	Video Lectures	http://jecrcfoundation.com/jf-data/NBA/ECE/EC3/2019-20.pdf
2	Online Notes	https://jecrcfoundation.com/student-corner/notes
3	Lab Experiment Videos	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/LabVideos.pdf
4	GATE/PSU related Quizzes	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/LaplaceTransform.pdf http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/ZTRANSFORM.pdf
5	Learning with fun through activities like	
	1. Renovator: Circuit Designing with Random Components	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/Renovator.pdf
	2. Phoenix: Making running model through Electronic waste	http://jecrcfoundation.com/jf-data/NBA/ECE/EC1/PhonixReport.pdf

jeecrfoundation.com/student-corner/notes

ecc-lib-win32/lib at... Linux Programming... journal list of scopu... Eco and Green citie... Login Parul ECE Faculty details... Ask.com

About Us Placements IQAC Departments Research Extension Events & Activities Student's Corner Faculty Corner Gallery SAR NAAC Contact Us

Select Branch: Electronics Communication Engineer
 Select Semester: 5th Semester
 Select Subject: Digital Signal Processing

Subject Notes	Download
Unit 1.ppt	Download
Unit 2.pptx	Download
Unit 4.pptx	Download
Unit3.ppt	Download

jeecrfoundation.com/student-corner/nptel

ecc-lib-win32/lib at... Linux Programming... journal list of scopu... Eco and Green citie... Login Parul ECE Faculty details... Ask.com

About Us Placements IQAC Departments Research Extension Events & Activities Student's Corner Faculty Corner Gallery SAR NAAC Contact Us

JECRC Foundation

NPTEL

S.No	Department	Related Link
1	Computer Science & Engineering	View Link
2	Civil Engineering	View Link
3	Electronics & Communication	View Link
4	Electrical Engineering	View Link
5	Information Technology	View Link
6	Mechanical Engineering	View Link

jeecrcfoundation.com/student-corner/swayam-prabha

ecc-lib-win32/lib at... Linux Programming... journal list of scopu... Eco and Green citie... Login Parul ECE Faculty details... Ask.com

TWO DECADES OF NURTURING TALENT

About Us Placements IQAC Departments Research Extension Events & Activities Student's Corner Faculty Corner Gallery SAR NAAC Contact Us

JECRC Foundation

Swayam Prabha

Setup Swayam Prabha Channel

S.No	Department	Related Link
1	Computer Science & Engineering	View Link
2	Civil Engineering	View Link
3	Electronics & Communication	View Link
4	Electrical Engineering	View Link

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)								
28.	5.7.1 Academic Research	Very less no. of SCI Scopus, publications are mentioned moreover no links related to these publications or in which journals these are published has not been mentioned.	<ul style="list-style-type: none"> Department is working in direction to get good numbers of research work published in reputed indexes. <table border="1"> <thead> <tr> <th>Year</th> <th>2017-18</th> <th>2018-19</th> <th>2019-20</th> </tr> </thead> <tbody> <tr> <td>No. of publication in SCI/Scopus</td> <td>9</td> <td>1</td> <td>16</td> </tr> </tbody> </table> <p>List of publication attached below.</p>	Year	2017-18	2018-19	2019-20	No. of publication in SCI/Scopus	9	1	16
Year	2017-18	2018-19	2019-20								
No. of publication in SCI/Scopus	9	1	16								

2019-20

S.No.	Faculty Name	Month / Year of Public	Title of Paper	Journal Name	National / International	ISSN/I SBN	Volume / Issue	Source & Indexing
-------	--------------	------------------------	----------------	--------------	--------------------------	------------	----------------	-------------------

		ation						
1	Dr. S.K. Singh	Feb-2020	Fuzzy cognitive network-based maximum power point tracking using a self-tuned adaptive gain scheduled fuzzy proportional integral derivative controller and improved artificial neural network-based particle swarm optimization	Fuzzy Sets and Systems (Elsevier)	International	0165-0114	381/15	Science Direct
2	Dr. Sandeep Vyas	Feb-2020	Photonic Crystal-Based All-Optical Half Adder with High Contrast Ratio	Journal of Optical Communications	International	0173-4911		Scopus
3	Dr. Vinita Mathur	May 2020	A Novel Elliptical Ring Microstrip Patch Antenna for Ultra-Wideband Applications	Wireless Personal Communications (Springer)	International	0929-6212		SCI-E
4	Dr. Vinita Mathur	2020	Performance Comparison of different fractal shape antennas for ultra wide band applications	International Journal of Systems, Control and Communications	International		In Press	Scopus
5	Dr. Vinita Mathur	2020	Microstrip Hexagonal Fractal Antenna for Military Applications	Journal of RF-Engineering and Telecommunications	International	2191-6349	73/9-10	Scopus
6	Neha Singh	2020	Dual Ring resonator based 3-D photonic crystal for ADF using FDTD Least square technique	Wireless Personal Communications (Springer)	International	0929-6212		SCI-E
7	Ashish Kumar	February-2020	Development and Characterization of ZnO Thin Film for Piezoelectric applications	Materials Today: Proceedings (Elsevier)	International			Scopus
8	Dr. Jaivardhan	Aug-2020	Design and Simulation of Tapped Input Compact Hairpin Band Pass Filter	International Journal of Scientific Engineering and Research (IJSER)	International	2229-5518	11-9	Science Check

9	Dr. Jaivardhan	Aug-2020	Quad-band Frequency Reconfigurable Microstrip Patch Antenna Using Modified Ground Plane for the WI-FI, Wi-Max, RF-Altimeters, and WLAN Applications	International Journal of Scientific Engineering and Research (IJSER)	International	2229-5518	11-9	Science Check
10	Dr. Jaiverdhan	Aug-2020	Development of Microstrip Patch Antenna for Wireless Utility & 5G IMT Services	International Journal of Scientific Engineering and Research (IJSER)	International	2229-5518	11-9	Science Check
11	Dr. Jaiverdhan	Jun/2020	Characteristic Mode Analysis and Design of Broadband Circularly Polarized CPW-Fed Compact Printed Square Slot Antenna	Progress In Electromagnetics Research M (PIER M)	International	1937-8726	94	SCOPUS, SCIE
12	Dr. Sandeep Vyas	Jun/2020	Investigation of As ₂ S ₃ -borosilicate chalcogenide glass-based dispersion-engineered photonic crystal fibre for broadband supercontinuum generation in the mid-IR region	Journal of Modern Optics	International		67/10	SCI
13	S.S Manakta la	Jul-19	Design and Analyze the Effect of InGaN Nano material in Light Emitting Diode towards Improving the Performance of Quantum Efficiency	International Journal of Recent Technology and Engineering	International		Vol 8/issue 2	Scopus indexed
14	S.S Manakta la	Oct-19	Study of InGaN/GaN multiple quantum well green light-emitting diodes as a promising replacement of conventional light sources	International Journal of Engineering and Advanced Technology (IJEAT)	International		Vol 9/issue 1	Scopus indexed
15	Dr. Sandeep Vyas	10 April 2019	Supercontinuum Generation at 3100 nm in Dispersion-Engineered	<u>Optical and Wireless Technologies</u>	International (Springer)		Lecture Notes in	Scopus

			As _{38.8} Se _{61.2} -Based Chalcogenide Photonic Crystal Fibers		Publication)		Electrical Engineering volume 546	
16	Dr. Sandeep Vyas	January 2020	Numerical Investigation of Nonlinear Parameters of Chalcogenide-Based Hole Fiber for Supercontinuum Generation in Mid-infrared Region	<u>Optical and Wireless Technologies</u>	International (Springer Publication)		Lecture Notes in Electrical Engineering, vol 648	Scopus

2018-19

S.NO	Faculty Name	Month/ Year of Publication	Title of Paper	Journal Name	E-ISSN	Volume / Issue	Source & Indexing	DOI
1	Dr. Sandeep Vyas	2018	Highly nonlinear multi-material Chalcogenide spiral photonic crystal fiber for Super continuum Generation	Acta Physica Polonica A journal	1898-794X	133/04	SCI	10.12693/APhysPolA.131.1000

2017-18

S.N O.	Faculty Name	Month/ Year of Publication	Title of Paper	Conference Name	Journal Name	ISSN	Volume / Issue	Source & Indexing
1	Vinita Mathur	May 2018	Multiband Multiple Elliptical Microstrip Patch Antenna with Circular		Wireless Personal Communications (Springer)	0929-6212		SCI-E, Springer

			Polarization					
2	Vinita Mathur	2017	Hexagonal fractal antenna using Koch for wireless applications		Frequenz Journal of RF-Engineering and Telecommunications	ISSN: 2191-6349		SCI-E, Elsevier - SCOPUS
3	Vinita Mathur	2017	Wheel shaped modified fractal antenna realization for wireless communications		AEU International Journal of Electronics and Communication, Elsevier	ISSN: 1434-8411	79	Indexed by SCI, SCI-E, Scopus
4	Vinita Mathur	2017	Koch Fractal based Hexagonal Patch Antenna for Circular Polarization		Turkish Journal Of Electrical Engineering & Computer Sciences	ISSN: 1300-0632	25(6)	Indexed by SCI-E, Scopus, Thomson Reuters, Web of Science
5	Vinita Mathur	2017	Planar array of right angled isosceles triangular microstrip antenna using Koch and meander lines for the Internet of things		Turkish Journal Of Electrical Engineering & Computer Sciences	ISSN: 1300-0632	25(3)	Indexed by SCI-E, Scopus, Thomson Reuters, Web of Science
6	Vinita Mathur	2017	Koch boundary on the square patch microstrip antenna for ultra wide band applications		Alexandria Engineering Journal, Elsevier	ISSN: 1110-18	In Press	Scopus

7	Ashutosh Sharma	2018	A novel Ant Colony Optimization Approach for Fretting Out Wormhole Attack in Mobile Ad Hoc Networks		IJAIP			Scopus
8	Dr. Sandeep Vyas	2017-18	Numerical modeling of borosilicate doped photonic-crystal fiber for MID-IR supercontinuum generation	IEEE International Conference Progress In Electromagnetics Research Symposium-2017	Publisher: IEEE	Print ISBN: 978-1-5386-1212-5		Scopus, Google Scholar
9	Dr. Sandeep Vyas	2017-18	Multi-material Photonic Crystal Fiber in MIR region for Broadband Supercontinuum Generation	International Conference on Optical & Wireless Technologies (OWT 2017)	Optical and Wireless Technologies (Springer Publication)	Print ISBN: 978-981-10-7394-6		Scopus, Google Scholar

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
29.	5.7.2 Sponsored Research	Near to 4 lacs only	<ul style="list-style-type: none"> Department have two Advanced Lab named as Robotics & AI lab and Embedded & IoT lab. Department have organized Faculty Development Program sponsored by TEQUIP II. Links are available in the below table.

S. No.	Grant issued for	Grant Provided by	Amount	URL of related Details
1	Advanced Lab for Embedded with IOT	Techienest Pvt. Ltd., Jaipur	371031/- INR	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/TechienestSponceredKits.pdf
2	Research in Optical Communication and related Devices	OSA Foundation, USA	85400/- INR	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/OSA.pdf
3	Faculty Development Program on Emerging Trends in Nanotechnology	TEQIP-III	72000/- INR	http://jecrcfoundation.com/jf-data/NBA/ECE/EC1/ETNT.pdf

List of Funded Projects (Submitted)

Name of the faculty	Project Title	Project Type Research/Consultancy	Funding Agency	Amount	Duration
Dr. Vinita Mathur, Prof. Vinay Chandna, Ms. Chitra khandelwal, Dr. Parul Tyagi, Dr. Neha Singh	Design , Development and Implementation of Water Reclaimed Treatment Plant for Irrigation Applications	Research	DST-Waste Management Technology	49,52,950	3 year
Ms. Ritambhara, Dr. Sandeep Vyas	Second generation controlled current conveyor based square wave generator	Research	DST(WOS-B)	32,60,000	3 year
Ms. Yazusha Sharma, Dr. Sandeep Vyas		Research	DST(WOS-B)	32,60,000	3 year
Mr. Ashish kumar, Dr. Sandeep Vyas	Development of an AlGaN/GaN MOSHENT sensor platform for SARS-CoV2 virus detection using 2D materials	Research	ASEAN-India Collaborative R&D	16,10,000	2 year
Dr. Shruti Kalra, Mr. Mukesh Agarwal, Mr. Manish Jain,	Scientific Convention Enhancing learning for students of rural Rajasthan	Research	Stem India Demonstration Dissemination Popularization, DST	25,69,000	1 Year
Dr. Shruti Kalra, Mr. Mukesh Agarwal, Mr. Manish Jain,	Design and development of a low cost Personal Meditation Assistance device and to validate the same for open monitoring meditation with the existing imported portable EEG devices.	Research	SATYAM scheme under Department of Science and Technology (DST)	49,83,000	3 year
Dr. GirrajSharma, Dr. Shruti Kalra, Dr. Dinesh	Energy Efficient Cognitive Wireless Sensor Network for	Research	MEITY	35,39,000	3years

sethi	health monitoring				
Dr. Shruti Kalra, Mr. Mukesh Agarwal, Mr. Manish Jain, Ms. Priyanka Mitra	Design and development of a low cost indigenous Brain Wave Analyzer device and measure its effectiveness	Research	Technology Development Program under (DST)	49,83,000	3 year
Dr. Rajesh Kumar Bathija, Prof. Vinay Kumar Chandna, Mr. Devesh Gupta	Automatic Sensor based solar scanner with Air Sprayer Panels for post lockdown Condition	Research	DST	66,30,000	3year

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
3	5.7.3 Development Activities	Students made some models	<ul style="list-style-type: none"> • Department established the Hardware Skill development cell for the training and product development. <ul style="list-style-type: none"> ➤ Electric Vehicle, sanitization machine, Ac Repair are the few achievements of this cell. • Department has suggested to enhance the performance of students by updating department's Advanced Lab <ul style="list-style-type: none"> ➤ Robotics & AI. ➤ Embedded with IOT • For the awareness of industry needs and latest trends, department organized webinars with the association of IEEE Rajasthan Subsection, IETE Rajasthan Centre and OSA. List of project attached below.

Jaipur Engineering College and Research Center
Department of Electronics & Communication Engineering
B.Tech. ECE IV Year (Session 2019-20)

	16EJCEC188	SAKSHI JOSHI										
	16EJCEC158	RAGHAV LADHA										
4	16EJCEC122	NAVDHA PAREEK	IMPLEMENTATION OF MULTIPLIER IN VEDIC MATHS USING CMOS AND MCCMOS TOPOLOGIES.	Y							Y	
	16EJCEC083	JIGYASA SETHI										
	16EJCEC102	Lekhita Sharma										
	16EJCEC137	PARTH MATHUR										
5	16EJCEC839	VANDIT DHAGGA	ELECTRIC CONTROL WITH POWER STORAGE OF ELECTRIC VEHICLE(SOLAR CAR)	Y								Y
	16EJCEC025	ANUBHAV KHANDELWAL										
	16EJCEC166	Rajat Kataria										
	16EJCEC005	ADITYA KHANDELWAL										
6	16EJCEC194	SARANSH SAHU	SMART AGRICULTURE SYSTEM	Y			Y					Y
	16EJCEC180	Rohit Raj										
	16EJCEC031	ARYAN SHARMA										
	16EJCEC805	SHEETAL JANGID										
7	16EJCEC048	CHANCHAL CHOUDHARY	ACCIDENT DETECTION USING GPS, GSM AND ALCOHOL DETECTION	Y								Y
	16EJCEC076	HEMENDRA SINGH DHAKAR										
	16EJCEC107	MAYURI SINGH										
	16EJCEC112	MOHAMMED ARISH										
8	16EJCEC841	VEDANT PAREEK	PERSISTENCE OF VISION	Y						Y		
	16EJCEC046	BHAVYA VADHYANI										
	16EJCEC028	APUL JAIN										
	16EJCEC823	SUNIL SHARMA										
9	16EJCEC150	PREETI AGRAWAL	AUTONOMOUS VEHICLE	Y								Y
	16EJCEC027	ANUJ GOYAL										
	16EJCEC006	ADITYA SHARMA										
	16EJCEC135	NITIN MANGAL										

17	16EJCEC039	AYUSHI KHANDELWAL	ARTIFICIALLY CONTROLLED SMART OFFICE BASED ON IOT		Y	Y	Y	Y				Y
	16EJCEC038	AYUSHI JOHARI										
	16EJCEC824	SURBHI TRIVEDI										
	16EJCEC094	KHUSHBU BIHANI										
18	16EJCEC092	KEYA VYAS	BREAST CANCER CLASSIFICATION					Y	Y			
	16EJCEC185	Sahil										
	16EJCEC853	YOGESH PAREEK										
	16EJCEC821	SUHAIL SINGH										
19	16EJCEC854	YUVRAJ SINGH RATHORE	SPAM & HAM MAIL DETECTION		Y	Y		Y				
	16EJCEC050	CHINMAI BHARDWAJ										
	16EJCEC081	JAYA MITTAL										
	16EJCEC152	PRINCE JAIN										
20	16EJCEC119	Muskan Modi	BLOOD DONOR FINDER		Y			Y				Y
	16EJCEC002	ABHISHEK GOYAL										
21	16EJCEC019	ANJALI NYATI	HAND TALK ASSISTIVE TECHNOLOGY FOR DEAF AND DUMB PEOPLE USING FLEX SENSOR	Y				Y	Y			Y
	16EJCEC176	Riya Sharma										
	16EJCEC848	Yash kumar										
	16EJCEC807	SHIVAM RAWAT										
22	16EJCEC170	RAUNAK KESHRI	SMART HELMET FOR BIKE RIDER SAFETY	Y		Y	Y	Y	Y			Y
	16EJCEC128	NIKHIL JAIN										
	16EJCEC828	SUYASH SHREY JAIN										
	16EJCEC037	AYUSH MANAN VERMA										
23	16EJCEC020	ANJUL ASAWA	WEATHER FORECASTING AND PREDICTION USING SPARK MLIB			Y	Y	Y				
	16EJCEC029	ARUN SONI										
	16EJCEC018	ANJALI BHARTI										
	16EJCEC091	KETAN KANT JINDAL										

31	16EJCEC009	AKSHITA AGRAWAL	IMAGE CAPTION GENERATOR		Y				Y			
	16EJCEC010	AMAN KHANDELWAL										
	16EJCEC034	ASHUTOSH MAHESHWARI										
	16EJCEC053	DEEKSHA JAIN										
32	16EJCEC189	SAKSHI SAMDANI	SYS ADMIN AUTOMATION		Y				Y			
	16EJCEC301	HARSH VARDHAN PANCHOLI										
	16EJCEC059	DHAIRYA GUPTA										
	16EJCEC099	KUNAL K SONI										
33	16EJCEC121	Nandita Jain	E-COMMERCE WEBSITE			Y			Y			
	16EJCEC842	VEDPRIYA GAUTAM										
	16EJCEC817	Smriti Nayak										
34	16EJCEC177	Rohan Nandwana	AUTOMATIC ROAD LIGHT SYSTEM FOR HIGHWAYS		Y							Y
	16EJCEC015	ANAND GUPTA										
	16EJCEC041	BHAGWAN MUNDRA										
35	16EJCEC048	CHANCHAL CHOUDHARY	A RESTAURANT CHATBOT		Y	Y			Y			
	16EJCEC168	Randhir gupta										
	16EJCEC159	RAHUL AGARWAL										
	16EJCEC016	ANAND NENAWA										
36	16EJCEC815	SHUBHDEEP CHHABRA	STRESS DETECTION USING BIO-MEDICAL SENSORS	Y								Y
	17EJCEC200	JACOB MAHTO										
	16EJCEC107	MAYURI SINGH										
	16EJCEC090	kashish bansal										
37	16EJCEC187	SAKSHAM KAPOOR	NETWORK MANUFACTURE INFRASTRUCTURE		Y							Y
	16EJCEC157	RACHITA JAIN										

	16EJCEC836	UTKARSH KAPOOR										
38	16EJCEC103	LOVEY AGARWAL	LET'S PANI .APK	Y			Y					
	16EJCEC175	Riya Agarwal										
	16EJCEC047	BIKRAM BHATTACHARJEE										
	16EJCEC062	DIVYANSHU GOYAL										
39	16EJCEC011	AMAN SAXENA	WILD LIFE MONITORING USING GPS	Y								Y
	16EJCEC195	Satvinder Singh										
	16EJCEC101	LAVISH GARG										
	16EJCEC030	ARVIND KUMAR										
40	16EJCEC806	SHIVALI PURWAR	ARDUINO BASED AUTOMATIC IRRIGATION SYSTEM	Y								Y
	16EJCEC026	ANUBHAV KUMAR JHA										
	16EJCEC147	PRANSHUL SINGH										
	17EJCEC201	MAHESH KUMAWAT										
41	16EJCEC084	JUHI GARG	GOOGLE BASED HOME AUTOMATION SYSTEM	Y			Y					Y
	16EJCEC070	Harish Bhardwaj										
	16EJCEC066	Gaurav Vaishnav										
	16EJCEC051	CHITRESH SINGH KATARIA										
42	16EJCEC127	NIHARIKA GAUTAM	IOT BASED WATER MANAGEMENT SYSTEM	Y			Y	Y				Y
	16EJCEC193	SANKET KHANDELWAL										
	16EJCEC181	Ronak samriya										
	16EJCEC832	TUSHAR										
43	16EJCEC845	Vipul Srivastava	BLOOD BANK MANAGEMENT SYSTEM	Y			Y					
	16EJCEC110	MOHAMMAD TALIB KHILJI										
	16EJCEC129	NIKHIL SWARNKAR										

	16EJCEC120	Naman chugh										
44	16EJCEC013	AMBUZ SHUKLA	DECOCTION VENDING MACHINE	Y								Y
	16EJCEC050	CHINMAI BHARDWAJ										
	16EJCEC139	PEEHU CHOUDHARY										
	16EJCEC140	PEEYUSH KUMAR GANGWAL										
	16EJCEC144	PRADEEP SHARMA										
	16EJCEC170	RAUNAK KESHRI										
45	16EJCEC801	SHAMBHAWI SINGH	DRIVER ALERTING SYSTEM		Y			Y				Y
	16EJCEC116	MUKUL JAIN										
	16EJCEC045	BHAVIT MATHUR										
	16EJCEC080	Jahnvi Sharma										
46	16EJCEC040	AYUSHI PORWAL	ELECTRIC CAR	Y								Y
	16EJCEC829	TANISH SUTRADHAR										
	16EJCEC804	SHASHANK SHARMA										
	16EJCEC067	GOURAV GOYAL										
47	16EJCEC133	NISHANT JAIN	HARDWARE DESIGN OF ELECTRIC VEHICLE	Y								
	16EJCEC802	SHAMBHU KUMAR SINGH										
	16EJCEC803	SHASHANK JAIN										
	16EJCEC124	NEEL KSHATRIYA										
48	16EJCEC017	ANCHAL AGARWAL	THIEF ALERTING SYSTEM	Y								Y
	16EJCEC114	MOHIT BHAT										
	16EJCEC012	AMAN TOTUKA										
49	16EJCEC809	SHREYANSH PANDEY	ANTI TANK MINE DETECTOR AND EXTRACTION	Y								Y
	16EJCEC155	PULKIT MUNJRAL										

	16EJCEC054	DEEPANSHU GOYAL	MONITOR										
59	16EJCEC843	Vini Singh	DENSITY BASED TRAFFIC SIGNAL SYSTEM	Y					Y				Y
	16EJCEC055	DEVANSH DADHICH											
	16EJCEC071	Harshit Khandelwal											
60	16EJCEC816	Simran Chhapparwal	DOCLARY (HOSPITAL REVIEWING SITE)		Y				Y				
	16EJCEC057	DEVANSH SINGH KUSHWAHA											
61	16EJCEC850	Yashika Dhiria	ARTIFICIAL NEURAL NETWORK BASED VOICE CONTROLLED INTERACTIVE COMPUTING SYSTEM						Y				
	16EJCEC082	Jenisha Yadav											
	16EJCEC112	MOHAMMED ARISH											
	16EJCEC007	Ajay Pareek											
62	16EJCEC100	Latika Kharbanda	AUTOMATED RESUME SCREENING SYSTEM						Y	Y			
	16EJCEC061	DISHANT BANGER											
	16EJCEC186	Saksham gupta											
	16EJCEC004	ABHISHEK SINGH											

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
31.	5.7.4 Consultancy (From Industry)	Not significant at all	<ul style="list-style-type: none"> Department has initiated for consultancy services from academic year 2017-18 onwards. Few faculties are providing consultancy to the industry.

S. No	Faculty/Technician Name	Designation	Agency Company	Topic	Amount	URL of Consultancy Letter
-------	-------------------------	-------------	----------------	-------	--------	---------------------------

1	Dr. Sandeep Vyas	Professor	Techienest Private Limited	Energy Efficient Wireless Communication Devices	20,000	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/SandeepVyasConsultancy.pdf
2	Dr. S.K.Singh	Professor	Techienest Private Limited	IOT Enabled Embedded Systems	30,000	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/SKSinghConsultancy.pdf
3	Dr. Vinita Mathur	Associate Professor	R S Tele Solutions Private Limited	Wi-Fi networks and communication towers	25,000	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/VinitaMathurConsultancy.pdf
4	Mr. Babulal Sharma	Technician	Aarogya Diagnostic Centre	Maintenance and Training	20,000	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/BabulalConsultancy2.pdf
5	Ms. Ritambhara	Assistant Professor	Praganik Training and Research Centre, Jaipur		40,000	http://jecrcfoundation.com/jf-data/NBA/ECE/EC1/RitambharaConsultancy.pdf
6	Ms Yazusha Sharma	Assistant Professor	Praganik Training and Research Centre, Jaipur		20,000	http://jecrcfoundation.com/jf-data/NBA/ECE/EC1/YazushaConsultancy.pdf
7	Dr. Vinita Mathur	Associate Professor	R S Tele Solutions Private Limited	Wi-Fi networks and communication towers	25,000	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/VinitaMathurConsultancy2.pdf
8	Mr. Babulal Sharma	Technician	Aarogya Diagnostic Centre	Maintenance and Training	20,000	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/BabulalConsultancy2.pdf
9	Dr. Parul	Associate	Aarogya		20,000	https://jecrcfoundation.com/jf-data/NBA/ECE/C-

Tyagi	e Professo r	Diagnostic Centre			7/ParulConsultancy2.pdf
Total Amount				220,000	

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
32.	5.8 Faculty Performance and appraisal and development system (FPADS)	No rule books available but told about it.	<ul style="list-style-type: none"> • JECRC have its rule book to improve the performance of faculty and students with quality. • Department have Faculty Performance and appraisal form. The form contains total 200 points. • The 200 points are divided into following area <ul style="list-style-type: none"> ➤ Academic result ➤ Research Publication ➤ Faculty development programme ➤ International / National conference ➤ Research grant ➤ Patent ➤ Product development / startup ➤ Innovation in teaching learning ➤ Technical activity organized ➤ Participation in social responsibility ➤ Any award received ➤ HOD recommendation

S. No.	Rule Book/Forms	URL of File/Form
1	JECRC Policy-Steps towards Quality Standards	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/JECRCPolicy2018-2023.pdf
2	Handbook of Rules & Regulations	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/JECRCRULES-RAGULATION.pdf

3	Faculty Appraisal Form	http://jecrefoundation.com/jf-data/NBA/ECE/EC1/API.pdf
---	------------------------	---

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
33.	5.9 Visiting/Adjunct/ Emeritus faculty etc.	No scheduled class allotment found in the Routine and they were not physically present during visit.	<ul style="list-style-type: none"> Institute has provision of visiting faculty as per institute norms.

S. No.	Name of Visiting Faculty	Designation	Duration	Time Table
1	Dr. Dinesh Sethi	Asso. Professor	10.12.2019-10.12.2020	Time Table attached below
2	Dr. Arun Kumar	Asso. Professor	8.12.2019-8.12.2020	
3	Mr. Prateek M	Asst. Professor	10.12.2019-10.12.2020	
4	Mr. Prateek M	Asst. Professor	10.12.2018-10.12.2019	
5	Dr. Dinesh Sethi	Asso. Professor	10.12.2018-10.12.2019	
6	Dr. Arun Kumar	Asso. Professor	8.12.2018-8.12.2019	

DS(18)	8:30	9:30	10:30	11:30	12:00	1:00	2:00
	1	2	3	4	5	6	7
Mon	6CSD2 ESD LAB					6CSC2 ESD LAB	
Tue	6CSD3 ESD LAB					6CSC3 ESD LAB	
Wed						6CSC1 ESD LAB	
Thu	8ECA2 OPTICAL COMM ANT LAB						
Fri	8ECA1 OPTICAL COMM ANT LAB						
Sat	6CSB1 ESD LAB						

PM	8:30	9:30	10:30	11:30	12:00	1:00	2:00
	1	2	3	4	5	6	7
Mon							
Tue	8ECA SEMINAR C-BLOCK 401				8ECA SEMINAR C-BLOCK 401		
Wed	8ECA SEMINAR C-BLOCK 401				8ECA SEMINAR C-BLOCK 401		
Thu				6CSA2 ESD LAB			
Fri				6CSA3 ESD LAB			
Sat				6CSA1 ESD LAB			

ARK	8:30	9:30	10:30	11:30	12:00	1:00	2:00
	1	2	3	4	5	6	7
Mon	6CSD2 ESD LAB				8ECD2	OPTICAL COMM ANT LAB	
Tue	6CSD3 ESD LAB						
Wed	6CSD1 ESD LAB						
Thu	8ECA2 OPTICAL COMM ANT LAB						
Fri	8ECA1 OPTICAL COMM ANT LAB						
Sat	8ECA3 OPTICAL COMM ANT LAB						

Criteria 6

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
1.	6.1 Adequate and well-equipped laboratories, and technical manpower	Number of laboratories is just sufficient for UG program. Total 9 technical assistants (diploma holder) present (less in the basis of total number of students). However, Training of technical staff for technical skill enhancement is not observed.	<ul style="list-style-type: none"> • The 9 Lab technical staffs take care of different laboratories on the basis of rotation. The utilization of lab Technician attach below • Workshop and Training program are conducted for technical skill enhancement of lab technician. <ul style="list-style-type: none"> ➤ Workshop on “Equipment Lab Maintenance”. ➤ Workshop on “Lab Maintenance”. ➤ In House Training (IOT) ➤ Online training on “MATLAB”

Utilizations of Lab Technician

Odd Semester

Name of Lab	Sem	Venue	Number of batch	RTU load	Total	No. of lab technician available	Individual Load Per Technician
Electronics Devices Lab	III	BF-14	12	2	24	9	32
Digital System Design Lab	III	BS-04	12	2	24		
Signal Processing Lab	III	CP-14/15	12	2	24		
Computer Programming Lab-I	III	CP-15 /12	12	2	24		

Digital Electronics lab(ME)	III	DS-08	12	2	24		
RF Simulation Lab	V	CP-14	9	2	18		
Digital Signal Processing Lab	V	CP-12/15	9	2	18		
Microwave Lab	V	DS-09	9	2	18		
Mechatronics Lab	V	BG-06	9	2	18		
VLSI Design Lab	VII	D BLOCH Cp Lab	11	4	44		
Advance communication lab (MATLAB Simulation)	VII	CP-12	11	2	22		
Optical Communication Lab	VII	BG-01	11	2	22		
			Total load		280		

Even Semester

Name of Lab	Sem	Venue	Number of batch	RT U load	Total	No. of lab technician available	Individual Load Per technician
Analog and Digital Communication Lab	IV	BG-15	12	3	36	9	32
Analog Circuits Lab	IV	BF-14	12	3	36		
Electronics Measurement & Instrumentation Lab	IV	BG-06	12	3	36		
Computer Network Lab	VI	CP-12	6	4	24		
Computer Network Lab	VI	CP--15	3	4	12		


Antenna and wave propagation Lab	VI	BG-01	9	2	18		
Electronics Design Lab	VI	BG-04	9	4	36		
Power Electronics Lab	VI	BS-15	9	2	18		
Internet of Things (IOT) Lab	VIII	CP-14	11	2	22		
Skill Development Lab	VIII	CP-15	11	2	22		
Project Lab	VIII	BG-01	11	3	33		
			Total Load		293		

Lab Rotation

S. No	Academic Year	Lab Assigned List	URL of Time Table
1	2018-2019	Time Table	http://jecrcfoundation.com/jf-data/NBA/ECE/EC3/LabEVEN18-19.pdf http://jecrcfoundation.com/jf-data/NBA/ECE/EC3/LabODD18-19.pdf
2	2019-2020	Time Table	http://jecrcfoundation.com/jf-data/NBA/ECE/EC3/LabEVEN19-20.pdf http://jecrcfoundation.com/jf-data/NBA/ECE/EC3/LabODD19-20.pdf
3	2020-2021	Time Table	http://jecrcfoundation.com/jf-data/NBA/ECE/EC3/LabODD20-21.pdf

Workshop and Training program for technical skill Enhancement

S. No.	Date /Duration	Activity organized	Name of workshop/Resource person/Industry
1	8 July to 9 July 2 Days	Workshop	Equipment Lab Maintenance / Omega Electronics
2	16 Jan to 17 Jan 2 Days	Workshop	Lab Maintenance / TechieNest Pvt.Ltd
3	7 Aug to 8 Aug 2	Online workshop	MATLAB Learning / Dr.Rajesh Bhatija
4	10 July to 11 July 2 Days	Workshop	Equipment Lab Maintenance / Omega Electronics
5	16 Feb to 17 Feb 2 Days	Workshop	Lab Maintenance / TechieNest Pvt.Ltd



Jaipur Engineering College and Research Centre

Analog Circuit Lab (BF-14) Session 2019-20


	1 9:00 - 10:00	2 10:00 - 11:00	3 11:00 - 12:00	4 12:00 - 1:00	5 1:00 - 2:00	6 2:00 - 3:00	7 3:00 - 4:00
Mo		ED Lab (3EC4-21) 3 Sem -A Section 3 Sem A3	DPS		ED Lab (3EC4-21) 3 Sem-D section 3 sem D1	RK	
Tu		ED Lab (3EC4-21) 3 Sem -A Section 3 Sem A2	DPS	ED Lab (3EC4-21) 3 Sem-D section 3 Sem D2	RK	ED Lab (3EC4-21) 3 Sem -A Section 3 Sem A1	DPS
We		ED Lab (3EC4-21) 3 Sem- B Section 3 Sem B1	AJ		ED Lab (3EC4-21) 3 Sem- C Section 3 Sem C2	ML	
Th				ED Lab (3EC4-21) 3 Sem- C Section 3 Sem C1	ML		
Fr		ED Lab (3EC4-21) 3 Sem-D section 3 Sem D3	RK	ED Lab (3EC4-21) 3 Sem- B Section 3 Sem B3	AJ	ED Lab (3EC4-21) 3 Sem- C Section 3 Sem C3	ML
Sa		ED Lab (3EC4-21) 3 Sem- B Section 3 Sem B2	AJ				


Teachers


AJ	Anil Jain	ML	Mangi Lal
DPS	Deepak Sankhla	RK	Rakesh Kardam

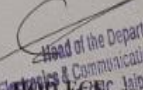
Subjects

ED Lab (3EC4-21) Electronics Devices Lab


Lab Incharge

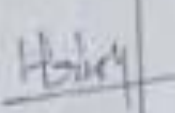
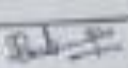
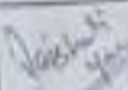

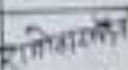
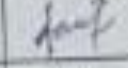

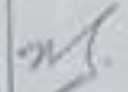
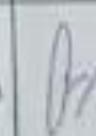

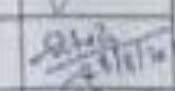
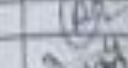
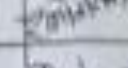
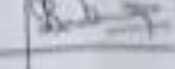

Time Table Co-Ordinator


(Lab Technician)


Head of the Department
Electronics & Communication Engg
JECRC, Jaipur

REDMI NOTE 9
 ALIQUAD CAMERA

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTER
ECE DEPARTMENT

Sem	Year	Name of lab (New Syllabus)	Code	Lab Technician In charge	Signature
VI	BG-01	Antenna and wave propagation Lab	4EC 4-22	Mr. Harish Sharma	
VII		Optical Communication Lab	7EC4-23		
VI	BG-04	Electronics Design Lab	6EC 4-23	Mr. Babu Lal sharma	
IV	BG-06	Electronics Measurement & Instrumentation	4EC3-06	Mrs. Vaidhali Yadav	
		MECHATRONICS-LAB	5ME3-21		
IV	BG-12	Analog and Digital Communication	4EC4-07	Mr. Seta ram Saini	
IV		Microcontrollers	4EC4-05	Mr. Ravi ostar saini	
III	BS-14	Electronics Design Lab	3EC4-21	Mr. Amit Jain	
IV		Analog Circuits	4EC4-04		
III	BS-04	Digital System Design Lab	3EC4-22	Mr. Hemant Vaidhith	
		Microprocessor Lab	CSE		
	BS-15	Power Electronics Lab	6EC 4-24	Mr. Rakish talwara	
III	CP-12	Signal Processing Lab	3EC4-23	Mr. Rajender Singh Srivastava	
VII		VLSI Design Lab	7EC4-21		
V	CP-14	RF Simulation Lab	5EC 4-21	Mr. Prem chand Sharma	
		Advance communication lab (MATLAB Simulation)	7EC4-22		
III		Computer Programming Lab-I	3EC3-24		
V	CP-15	Digital Signal Processing Lab	5EC 4-22	Mr. Prem chand Sharma	
VI		Computer Network Lab	6EC 4-21		
III	DS-08	Digital Electronics	3CS3-04	Mr. Seta ram Saini	
III			2IT4-24		
V	DS-09	Microwave Lab	5EC 4-21	Mr. Rakish talwara	
III	DS-08	Digital Electronics lab	4ME3-21	Mr. Ravi ostar saini	
III	DS-08	Digital Electronics Lab	4EE4-23		
VIII	TECHNICAL	Project	3EC7-30	Mr. Babu Lal sharma	

Jaipur Engineering College & Research Centre
 Department of Electronics and Communication Engineering

Date: 11-01-2019

From: IIT/JECRC

To: Lab Technicians

Ref: IIT/JECRC/ET/2019/12

Notice

In compliance to the annual functioning of laboratories of ECE department and to ensure the dissemination of the regulations for proper installation and maintenance of the same, the following Period is assigned Two days working hours for the schedule mentioned below.

In all the laboratories of Electronics and communication department you kindly informed that a workshop will be organized on the topic "Lab Maintenance" from 16 to 17 Jan. The lab technicians are advised to strictly attend the same.

Schedule:

Day 1	Working process of Equipment power supply and maintenance for the same	16th Jan, 10 working hours
Day 2	Check functioning of common tools and maintainance of the same. Also check the condition of the equipment and their maintenance.	17th Jan, 10 working hours and working hours of 10:00 AM to 12:00 PM

(Signature)
 (Departmental Lab In-charge)

(Signature)
 11/01/2019
 Head of the Department
 Department of Electronics and Communication Engineering

Jaipur Engineering College & Research Centre
 Department of Electronics and Communication Engineering

Date: 06-07-2019

From: HOD, ECE	To: Lab Technicians
----------------	---------------------

Ref: JECRC/ET/EA/2019/2019

Notice

In compliance to the smooth functioning of laboratories of ECE department and to ensure the dissemination of the regulations for proper execution and maintenance of the same Group Electronics is conducting two days workshop on the schedule mentioned below.

All the lab technicians of Electronics and communication Department are hereby informed that a workshop will be organized on the topic "Lab Equipment maintenance" from 8 July to 9 July. The lab technicians are advised to bring along the tools.

Schedule:

Day 1	Active and passive components testing	Printed Circuit board as board
Day 2	Soldering, Desoldering on breadboard and PCB using the DSD	Different type Soldering, solder and Analysis of effect of solder defects on working circuit

*Subject includes
 (Defective board testing)*

11662-2019
 11662-2019

Approved

 7/07/2019
 HOD of the Department
 Electronics & Communication Engineering
 JECRC, Jaipur



Jaipur Engineering College & Research Center (JECRC), Jaipur
Department Of Electronics and Communication Engineering

Certificate of Participation

This is to certify that

Mr. Hemant Vashiht

Has attended a Training Program on "Lab Equipment Maintenance" from 8th July
2018 to 9th July 2018 Conducted by

OMEGA ELECTRONICS, JAIPUR

bs
Authorized Signatory
OMEGA ELECTRONICS

V. K. Chandna
Prof. V. K. Chandna
Principal, JECRC

Jaipur Engineering College & Research Center (JECRC), Jaipur
Department Of Electronics and Communication Engineering

Certificate of Participation

This is to certify that

Mr. Ram avtar saini

Has attended a Training Program on "Lab Equipment Maintenance" from 8th July
2018 to 9th July 2018 Conducted by

OMEGA ELECTRONICS, JAIPUR

bs
Authorized Signatory
OMEGA ELECTRONICS

V. K. Chandna
Prof. V. K. Chandna
Principal, JECRC

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
2.	6.2 Additional Facilities created for improving the quality of learning experience in Laboratories	Additional facilities are limited to train on “Robotics & Embedded systems” and “LINUX”. In-house lab infrastructure with adequate additional facilities is not observed. Effective outcome of such facilities on students’ academic performance is not revealed.	<ul style="list-style-type: none"> • Additional facilities are generated in Existing lab. list is Attach • Additional facility for advance learning list attach below. • Students’ academic performance By Providing Additional facilities. List is attach

Additional facilities are generated in Existing lab

S. No.	Lab Name	Advanced Features	Outcome of facilities
1	Electronics Devices Lab	MOSFET Characteristics Apparatus	To plot the characteristics of MOSFET
2	Electronics Devices Lab	UJT Characteristics Apparatus and UJT as Relaxation Oscillator	To Plot the characteristics of UJT and UJT as Relaxation Oscillator
3	Electronics Devices Lab	Common Collector(Emitter Follower) Transistor Amplifier	To find Frequency Response and Gain of Emitter follower
4	Electronics Devices Lab	UJT as Relaxation oscillator	To plot the characteristics of UJT as Relaxation Oscillator
5	Electronic Engineering Design Lab	LCR Bridge	Component Testing and Characteristics measurement
6	Electronic Engineering Design Lab	30 Volt 3 Amp. Dual Power Supply	To obtain Voltage and Current Characteristics.
7	Electronic Engineering Design Lab	Low Pass High Pass Trainer	Different types of Filter management

8	Antenna and Wave Propagation Lab	VLSI Trainer Kit	PLD (Programmable logic Devices) like FPGA (Field Programmable get array) and CPLD (Complex Programmable Logic Devices) are used in front-end VLSI. A Hardware Description Language like VHDL and Verilog are used to reconfigure these devices for the specific required functionality. FPGAs and CPLDs are re-programmable devices with different internal architecture.
9	Antenna and Wave Propagation Lab	VLSI Trainer Kit	Circuit Designed using PLDs are generally used for prototyping, Parallel and High speed processing and as a part of functional verification in back-end VLSI design.
10	Antenna and Wave Propagation Lab	Trainer kit	The board contains various interface options including Switches LEDs, LCD, seven segment display, key matrix, relay, buzzer, Traffic light simulator, Dc motor interface.
11	Communication Lab	Delta Adaptive Delta Modulation and Demodulation kit	Delta Modulation And Demodulation analysis
12	Communication Lab	Carrier Modulation and Data reformatting digital Communication Trainer.	Frequency modulation digital Reformatting
13	Communication Lab	RS-232 interface	Digital Signal Interfacing
14	Communication Lab	Delta Adaptive Delta and Delta sigma Modulation Trainer	Delta Sigma Modulation

15	Communication Lab	Basic Analog Fiber Optic Trainer	Analog fiber optic modulation
16	EMI Lab (BG-06)	Stroboscope	Measure the rotation speed or revolution velocity and frequency of rotating, vibrating or moving parts, components and equipment

Additional facilities for advance Learning

S. No	Lab Name	Location	Status	Utilization	Area	URL of Equipment List
1	Project Lab-1	BG-01	New	Project Work	Approx. 2000 Sq. Ft.	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/ProjectLabEquipment1.pdf
2	Project Lab-2	BS-15	Ongoing	Project Work	Approx. 2000 Sq. Ft.	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/ProjectLabEquipment2.pdf
3	Robotics & AI Lab	BF-03	New	Project & Research work	Approx. 1000 Sq. Ft.	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/RoboticsandAIIList.pdf
4	Embedded with IOT Lab	BS-05	New	Project & Research work	Approx. 1000 Sq. Ft.	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/EmbeddedwithIoTLList.pdf

Outcome of Students' By Providing Additional facilities

S. No.	Activity type	Activity Place	Participation/Achievement Level	No. of Achievers	URL of Certificates /Report
--------	---------------	----------------	---------------------------------	------------------	-----------------------------

1	Tech. Event	IIT Bombay	National level	1	http://jecrcfoundation.com/jf-data/NBA/ECE/Achievment/IITBombay.pdf
2	Tech. Event	IIITM, Gwalior	National level	1	http://jecrcfoundation.com/jf-data/NBA/ECE/Achievment/IIITMGwalior.pdf
3	Hackathon	Rajasthan Hackathon 5.0	National level	1	http://jecrcfoundation.com/jf-data/NBA/ECE/Achievment/RajHackathon.pdf
4	Tech. Event	JKLU, Jaipur	National level	2	http://jecrcfoundation.com/jf-data/NBA/ECE/Achievment/JKLMWinner.pdf
5	SIH	SIH 2020	National level	6	http://jecrcfoundation.com/jf-data/NBA/ECE/Achievment/SIH2020.pdf
6	SIH	SIH 2019	National level	5	http://jecrcfoundation.com/jf-data/NBA/ECE/Achievment/sih2019.pdf
7	Robo War	JECRC, Jaipur	National level	24	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf
8	Robo Soccer	JECRC, Jaipur	National level	90	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf
9	Line Follower	JECRC, Jaipur	National level	50	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf
10	Sumo War	JECRC, Jaipur	National level	42	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf
11	Formula Zero	JECRC, Jaipur	National level	115	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf
12	Drone Racing	JECRC, Jaipur	National level	42	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf

Champion hip				19/TechnicalEvents2018-19.pdf
-----------------	--	--	--	---

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
3.	6.3 Laboratories: Maintenance and over all ambience	No periodical maintenance of lab equipment is observed (No AMC). Ambience of lab is satisfactory.	<ul style="list-style-type: none"> • To improve the consistency of lab equipment and resources department have well define periodical Process for maintenance of lab <ol style="list-style-type: none"> 1. Call meeting at the start of Session 2. The lab technicians were asked to do their respective labs status of previous Semester and audit of Stock register and physical verification. 3. The lab technicians were asked for prepare file of all equipment status of upcoming lab 4. Lab In Charge inspects the site and completes the task 5. Department lab In charge personally check the equipments and convey the decision for further action like repair from outside agencies or Inside department maintenance person 6. The lab technician will generate new requirement of equipment and maintenance requirement of upcoming and previous semester lab. 7. The requirement Note sheet will verified By Concern lab in charge and Department lab In charge 8. Ones the task is completed, Head of Department signs the job Completion report. 9. Bill is generated and processed through the concerned authorities and forwarded through Principal for final payment.

Lab Maintenance Record

S. No.	Academic Year	Lab Maintenance Record	URL of Record
1	2019-20	Record 2019-20	http://jecrcfoundation.com/jf-data/NBA/ECE/EC3/2019-20.pdf
2	2018-19	Record 2018-19	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/2018-2019.pdf
3	2017-18	Record 2017-18	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/2017-2018.pdf

Physical Verification of lab

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE
Department of Electronics & Communication Engineering

PHYSICAL VERIFICATION OF THE LAB EQUIPMENTS (Equipment List)


Name of Lab : Electronic Devices Lab		Session : 2018-19	
Location : BF-14			
Name of Lab Technician incharge : AMIT JAIN			
Name of Lab Faculty incharge : MANGILAL MEGHWAL			

S.No.	Name of Item/Equipment	Model & Serial No	Sem/Year /Branch	Qty. as per Stock Register	Stock Register Page no.	Date of receiving of the item (Bill Number)	Qty. as per physical verification
1	Cleaning And Clamping Kit.	ME-576,lot Visible	3rd Sem EC	1	2	176/1/7/14	1
2	H/W.F/W.Bridge Rectifier	ME-572P	3rd Sem EC	1	4	176/1/7/14	1
3	3 1/2 digit multimeter	603,11120477, 13120873,131 20438,130524	3rd sem EC	5	5	176/1/7/14	5
4	P-N Junction Diode Char.	ME-539P,1112178 431	3rd sem EC	1	6	176/1/7/14	1
5	Single Output P.S.	210P,1342747	3rd sem EC	1	7	176/1/7/14	1
6	Sciencetech Oscilloscope	801		1	8	176/1/7/14	1
7	Sciencetech D.S.D.	NV-105C7	3rd sem EC	1	9	176/1/7/14	1
8	Transistor Char.	ME-535P	3rd sem EC	1	10	176/1/7/14	1
9	Zener Diode Char.	ME-542	3rd sem EC	1	11	176/1/7/14	1
10	FET Common Source Amplifier	ME-615	3rd sem EC	1	12	240/28/7/14	1
11	Stunt Voltage reg.	Mars	3rd,4th EC	1	15	240/28/7/14	1
12	Common Collector Trans. Amp.	ME-614		1	16	do	1
13	Two Stage RC Coupled Amp.	ME-619	3rd,4th EC	1	18	do	1
14	UJT Char.	ME-5478P		1	19	do	1
15	MOSFET Char	ME-548P		1	20	do	1
16	FET Char.	ME-535P	3rd EC	1	21	do	1
17	Relaxation oscillator	ME-656		1	22	do	1
18	Series Voltage Reg.	Mars	3rd,4th EC	1	25	do	1

Note: Make, Model & Serial No. of each item is mandatory to be mentioned.

<p style="text-align: center;"><i>(Signature)</i></p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Signature of Lab Technician</td> <td style="width: 50%;">Signature of Lab Faculty</td> </tr> <tr> <td>Name : AMIT JAIN</td> <td>Name : MANGILAL</td> </tr> </table>	Signature of Lab Technician	Signature of Lab Faculty	Name : AMIT JAIN	Name : MANGILAL	<p style="text-align: center;"><i>(Signature)</i></p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Signature of Lab Technician</td> <td style="width: 50%;">Signature of Lab Faculty</td> </tr> <tr> <td>Name : AMIT JAIN</td> <td>Name : MANGILAL</td> </tr> </table>	Signature of Lab Technician	Signature of Lab Faculty	Name : AMIT JAIN	Name : MANGILAL
Signature of Lab Technician	Signature of Lab Faculty								
Name : AMIT JAIN	Name : MANGILAL								
Signature of Lab Technician	Signature of Lab Faculty								
Name : AMIT JAIN	Name : MANGILAL								

Requirement Laboratories Maintenance


Jaipur Engineering college and research centre.
 Shri Ram ki Nagal, via Sitapura, RDCO Jaipur-302 022.

Academic year: 2018-19
 Sem: IVth
 Date: 12/4/18

REQUIREMENT FOR CONSUMABLES

Department of ECE

Name of Lab: Electronics Devices Lab

Sr. No.	Name of Consumables	Specification	Qty.	Estimated cost	Total cost	Justification
1	Capacitor	220V/22MFD	10	4/-	40/-	
2	Capacitor	50V/1000MFD	10	10/-	100/-	
3	Transistor	2N1904	05	5/-	25/-	
4	Transistor	47NK100	05	6/-	30/-	

Lab Incharge: MA
 (Lab. Tech.)

Signature: Sandeep Vyas
 (Department Lab Incharge)

Departmental Lab Requirement generated

Jaipur Engineering College & Research Centre
 Department Of Electronics and Communication Engineering

From: Program Coordinator ECE To: Principal Office

Date: 17/07/2020

NOTE-SHEET

Sub: Requirement of Consumable Item.

This is for your kind information that the requirement of consumable items for session (2020-2021) in the ECE department is as follows-

S.No.	Name of LAB	Price.(INR)	Remark
1.	Electronic Measurement & Instrumentation Lab	4620	Details Attached
2.	Mechatronics Lab	1029	Details Attached
3.	Electronic Devices Lab	1475	Details Attached
4.	Analog & Digital communication Lab	880	Details Attached
5.	Microcontroller Lab	1250	Details Attached
6.	Digital Electronics Lab	2880	Details Attached
7.	DSD Lab	400	Details Attached
8.	Microprocessor Lab	2040	Details Attached
9.	Antenna and wave propagation Lab	1630	Details Attached
10.	Optical Fiber Communication Lab	750	Details Attached
Total:		15754/-	

15754 Rupees for consumable items submitted for your kind approval.

Signature: Sandeep Vyas
 Dr. Sandeep Vyas
 Program Coordinator ECE

Equipment Maintenance (2019-2020)

Sr. No .	Name of Laborat ory	Item/ Equipment's	Status	Problems identification (if any)	Final Status
-------------------------	------------------------------------	------------------------------	---------------	---	---------------------

1	ED Lab	FET characteristics	Not working	Soldering loose	Ok
2	ED Lab	Transistor Characteristics	Not working	Loose pot	OK
3	ED Lab	FET Amplifier	Not working	Patch-chord req.	OK
4	ED Lab	FET characteristics	Not working	Soldering loose	OK
5	ADC LAB	AM TRANSMITTER KIT	Not working	Output not show properly	Ok
6	ADC LAB	FM TRAINER KIT	Not working	Wave not proper	Ok
7	ADC LAB	AM RECEIVER KIT	Not working	Output wave not show	Ok
8	EMI LAB (BS-04)	Maxwell inductance bridge	Not working	fuse burnt	Working
9	EMI LAB (BS-04)	Wein's bridge (Frequency)	Not working	fuse burnt	Working
10	EMI LAB (BS-04)	RTD trainer kit	Not working	loose knob, IC broken	Working
11	EMI LAB (BS-04)	Solar Educational Kit	Not working	battery died	working
12	EMI LAB (BS-04)	Strain gauge Load cell	Not working	loose components	Working

13	EMI LAB (BS-04)	LVDT	Not working	RS-232 pin connector	Not working
14	EMI LAB (BS-04)	Solar Educational Kit	Not working	battery died	working
15	DSDL LAB (BS-04)	Digital Circuits Development Platform	Not working	Connector Problem	Working
16	DSDL LAB (BS-04)	Digital Circuits Development Platform	Not working	Connector Problem	Working
17	EED Lab	OP Amp trainer kit	Not working (Output Not Show)	(Output Not Show)	Working
18	Optical fiber lab	Optical fiber lab communication trainer Kit	Not Working	New power transformer	Partially working
19	Antenna lab	Satellite communication trainer Kit	Not Working	Output Not Show	Partially working
20	Power Electronics Lab	DIAC Characteristics	Nor Working	Reading Not Proper	Working
21	Power Electronics Lab	SCR Characteristics	Not working	Kit out of order	Working

Record of Maintenance of lab Equipment

Jaipur Engineering College & Research Centre
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
Status of Lab Maintenance

Sr. No.	Name of Lab	Name of Equipment/Kit	Make & Model No.	Problem/fault	Repairing Date	Component Required	Name of Lab Tech.	Remark
212	Communication Lab	A.M. TRAINER KIT	ST 2201	Not working	25/10/18	TR. 3904, COND ANT Pot 10K 105PF Replace	Chand	OK
213	Communication Lab	DSB, SSB	A.M. Receiver Kit ST 2202	Not working	26/10/18	TR. I-CT 33KHZ 13PF REPLACE	Chand	OK
214	Communication Lab	DSB, SSB, Trainer Kit	ST 2201	Not working	26/10/18	Tuning signal 555KHZ	Chand	OK
215	EDC-A	Rectifier	NV-6503	Not working	26/10/18	1004F 25V Replace	Chand	OK
216	Antenna Lab	F614omhz	cadco-4061	Not working	30/10/18	Service Eng. Req.	Chand	Pending
217	w.c. Lab	F614omhz	cadco-4061	Not working	30/10/18	Service Eng. Req.	Chand	Pending
218	EDC-A	F61-20MH	MARS-ME 925	Not working	30/10/18	Service Eng. Req.	Chand	Pending
219	EDC-A	C.R.O 30mhz	Scientech 803	Not working	31/10/18	TR. 3904 Replace	Chand	OK
220	EDC-A	C.R.O 30mhz	Scientech 803	Not working	31/10/18	I.C. 393 Replace	Chand	OK
221	Communication Lab	C.R.O 30mhz	Scientech 803	Not working	1/11/18	Service Eng. Req. CAP 220UF 25V SKLET REPLACE	Chand	OK
222	DC-LAB	Digital Analog Kit	Scientech 2611	Not working	2/11/18	I.C. 7805 Replace	Chand	OK

Subodh Subudh Babu Lal

Jaipur Engineering College & Research Centre
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
Status of Lab Maintenance

Sr. No.	Name of Lab	Name of Equipment/Kit	Make & Model No.	Problem/fault	Repairing Date	Component Required	Name of Lab Tech.	Remark
246	Physics Lab	ENERGY BAND		Not working	24-9-19	I.C 317, and Diode		OK
248	"	"	"	"	25-9-19	1K Pot Replace		OK
249	EDC-A LAB	Ewien Bridge	MARS	Not Prop. work	26-9-19	1K Pot Replace	Babu Lal	OK
250	EDC-A LAB	HARTLEY and Colpitts	NV-6505	Not work	27-9-19	12vatt Adaptor	Babu Lal	OK
251	PHYSICS LAB	CHARGING AND DISCHARGING	OMEGA ETI 82	Dead	10-8-2020	1K Pot Replace	Chandon	OK
252	"	ENERGY BAND	"	Not working	11-8-2020	THERMOMETER	Chandon	OK
253	EDC LAB III	PN Junction	MARS	Not working	28-8-2020	Diode 4007 Replace	Chand	OK
254	EED LAB	FUNCTION GENERATOR	SM 5070	Not Proper working	28-8-2020	4.74UF 25V Replace	Babu Lal	OK
255	Communication Lab	multimeter	KUSAM MECO	Dead	29-8-2020	fuse wire Replace	Chand	OK
256	EDC II Lab	FET	MARS	Not working	1-9-2020	FET BFW10	Chand	Pending
257	Communication Lab	A.M. modulator	ST 2201	Not working	1-9-2020	oscillator I.C	Chand	Pending
258	EED-LAB	C.R.O	scientific 20MH 201	NOT WORKING	29-9-2020	1K Pot Replace	Babu Lal	OK

Subodh Subudh Babu Lal

Audit Report



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

Department of Electronics & Communication Engineering

Lab Audit for year (2019-2020)

Name of the Department: Electronics and Communication Engg.

Name of Laboratory: Electronic Devices Lab

Lab In charge: Mr Mangilal

Lab Technician: Mr Amit Jain

Audit Date: 21/04/2019

Session: 2019-2020

Members of Staff Present:

1. Mr Shyam Sunder Manaktala

2. Dr Rajesh Bhatija

3. Dr Prerak Bhardwaj

Sr. No.	Comments	Action Taken	Remark
1	Kit is not working (FET characteristics)	Maintenance letter is issued to lab technician regarding proper maintenance of kit	Maintenance is done and kit is working
2	Students record available & checked properly	Letter send to faculty to keep 5 record of last year	5 record last year has been kept
3	Students list with batch wise missing and not proper configuration of batch distribution	Advice regarding update of the student list with batch wise	Student list update with batch wise
4	Lab infra properly maintained but some sockets found out of order	Letter send to floor in charge to maintain socket of lab	Socket of lab has been prepared
5	Consumable item missing for maintenance equipment like solder, cutter component	Letter send to lab in charge and lab technician for prepare note sheet according to lab requirement	Requirement has been full fill
6	Master copy of lab manual available. lab manual copy is not available for students	Letter send to faculty regarding update of the lab manual	Lab manual update as per syllabus
7	Properly cover all syllabus.	No action require	NA
8	Stock register verified in all terms and condition is good.	Letter send for physical verification by lab in charge	Physical verification has been done

Signature of Lab Technician

Signature of Lab In charge

Signature of the Lab Audit Experts

- (1) Head of the Department
- (2) Electrical Engineering
- (3) JECRC Jaipur

Signature of the HOD

Head of the Department



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

Department of Electronics & Communication Engineering

Lab Audit for year (2019-2020)

Name of the Department: Electronics and communication Engg.

Name of Laboratory: DSDL Lab

Lab Incharge: Mr. Lokesh Sharma

Lab Technician: Mr. Hemant Vasbishtha

Audit Date: 21/04/2019

Session: 2019-2020

Members of Staff Present:

1. Mr. Shyam Sunder Manaktala

2. Dr. Rajesh Bhatija

3. Dr. Prerak Bhardwaj

Sr. No.	Comments	Action Taken	Remark
1	Students list with batch wise missing	Advice regarding update of the student list with batch wise	Student list update with batch wise
2	Students record available & checked properly	Letter send to faculty to keep 5 record of last year	5 record last year has been kept
3	Equipment is not functioning as proper output	Maintenance letter is issued to lab technician regarding proper maintenance of kit	Maintenance is done and kit is working
3	Lab infra properly maintained but some sockets is broken	Letter send to floor in charge to maintain socket of lab	Socket of lab has been prepared
4	Consumable items is missing	Letter send to lab in charge and lab technician for prepare note sheet according to lab requirement	Requirement has been full fill
5	Experiment list was missing from display board	Letter send to lab technician to arrange display board according to RTU scheme	Display board arranged properly
6	Properly cover all syllabus.	No action require	NA
7	Stock register verified in all terms and condition is good.	Letter send for physical verification by lab in charge	Physical verification has been done

Signature of Lab Technician

Signature of Lab In charge

Signature of the Lab Audit Experts

- (1)
- (2)
- (3)

Signature of the Department Head
Department of Electronics & Communication Engineering
JECRC, Jaipur

Signature of the HOD

21-4-19

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
4.	6.4 Project laboratory	Project lab space is inadequate so far intake is concerned. Details of software packages used in project lab, their licenses, renewal and procuring of new licenses are not available at the time of evaluation	<ul style="list-style-type: none"> Department has allocated two labs for student project work and two Centre of Excellence as mentioned in table below.

S. No.	Lab Name	Location	Status	Utilization	Area	URL of Equipment List
1	Project Lab-1	BG-01	New	Project Work	Approx. 2000 Sq. Ft.	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/ProjectLabEquipment1.pdf
2	Project Lab-2	BS-15	Ongoing	Project Work	Approx. 2000 Sq. Ft.	http://jecrcfoundation.com/jf-data/NBA/ECE/EC2/ProjectLabEquipment2.pdf
3	Robotics & AI Lab	BF-03	New	Project & Research work	Approx. 1000 Sq. Ft	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/RoboticsandAIList.pdf
4	Embedded with IOT Lab	BS-05	New	Project & Research work	Approx. 1000 Sq. Ft	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/EmbeddedwithIoTLists.pdf

Software Detail in Existing Lab

III Sem				
S · N o.	Lab Name	Licensed Software	Open Source Software	Links
1	Computer Programming Lab-I		Turbo C & C++ JAVA	https://www.java.com/en/download/ , https://developerinsider.co/downloading/?download=https://github.com/vineetchoudhary/turbocpp/releases/download/v3.2/Turbo.C.3.2.zip?raw=true&after=https://developerinsider.co/c-and-cpp-insider/
2	Signal and Systems		Scilab	https://www.scilab.org/download/6.1.0
IV Sem				
1	Computer Programming Lab-II		ORACLE(\$10450 Enterprise Edition, MY SQL(\$10000 Annually Enterprise Edition)	https://www.java.com/en/download/ , https://developerinsider.co/downloading/?download=https://github.com/vineetchoudhary/turbocpp/releases/download/v3.2/Turbo.C.3.2.zip?raw=true&after=https://developerinsider.co/c-and-cpp-insider/
V Sem				
1	Signal Processing Lab (OLD)		Modal Sim, Xilinx	
2	RF Simulation Lab		HFSS	
3	Digital Signal Processing Lab		Scilab	https://www.scilab.org/download/6.1.0
VI Sem				

1	RF Simulation Lab (OLD)		SCI Lab (Open Source)	https://www.scilab.org/download/6.1.0
2	Computer Networking Lab		Linux	Linux OS
VII Sem				
1	VLSI Design Lab	Model Sim, Xilinx		
2	Advance communication lab (MATLAB Simulation) (NEW)			
3	Signal & Image Processing Lab(OLD)		Scilab	https://www.scilab.org/download/6.1.1
VIII Sem				
1	RF Fabrication Lab(OLD)		HFSS	
2	VLSI & Optical Fiber Lab(OLD)	Model Sim, Xilinx		

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
5.	6.5 Safety measures in	Satisfactory	<ul style="list-style-type: none"> All the safety measures follows by faculties and students as mentioned below.

	laboratories		
--	---------------------	--	--

Safety Measurement

Sr. no.	Subject code	Name of the laboratory	Safety measure
1	3EC7A	Electronic Instrumentation workshop	<ul style="list-style-type: none"> • Before switching on the power supply, get the circuit connection checked by the Teacher/ Instructor. • Maintain strict discipline • First aid kit is available for the safety measure. • Do not touch or attempt to touch the main power supply wire with bare hands. • Do not overcrowd over the table in the laboratory. • Carry out the experiment in such a way that nobody will be injured or hurt. • Carry out the experiment in such a way that the equipment will not be damaged or destroyed. • Sensitive electronic circuit and electronic components have to be handled with great care. • All the time ambulance facility is available, in care any emergency
2	3EC3-24	Computer Programming Lab-I	
3	3EC4-21	Electronics Devices Lab	
4	3EC4-22	Digital System Design Lab	
5	3EC11A	Business Enterprereship	
6	4EC7A	Computer Programming Lab-II	
7	4EC4-22	Analog Circuits Lab	
8	4EC4-24	Electronics Measurement & Instrumentation Lab	
9	4EC4-21	Analog and Digital Communication Lab	
10	4EC4-23	Microcontrollers Lab	
11	4EC10A	Humanities & Socail sciences	
12	5EC4-21	RF Simulation Lab	
13	5EC4-22	Digital Signal Processing Lab	
14	5EC4-23	Microwave Lab	
15	5EC7A	Electronic Engineering Design Lab	
16	5EC9A	Communication Lab -I	
17	5EC11A	Professional Ethics Disaster Management	
18	6EC4-21	Computer Network Lab	
19	6EC4-22	Antenna and Wave Propagation Lab	
20	6EC4-23	Electronics Design Lab	
21	6EC4-24	Power Electronics Lab	

22	6EC7A	Communication Lab -II
23	6EC8A	Microprocessor Lab
24	6Ec9A	RF Simulation Lab
25	6EC10A	Industrial Electronics Lab
26	6EC11A	Personality Development & General Aptitude
27	7EC4-21	VLSI Design Lab
28	7EC4-22	Advance Communication Lab (MATLAB Simulation)
29	7EC4-23	Optical Communication Lab
30	7EC7A	Signal & Image Processing Lab
31	7EC8A	Wireless communication lab
32	7EC9A	Practical training & Industrial Training
33	7EC10A	Project - I
34	8EC4-21	IOT Lab
35	8EC4- 22	Skill Development Lab
36	8EC5A	RF Fabrication Lab
37	8Ec6A	Industrial Economic & Management
38	8EC7A	VLSI & Optical Fiber Lab
39	8EC8A	Project-II
40	8EC9A	Seminar

Criteria 7

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)																
3	7.1 Actions taken based on the results of evaluation of each of the COs, POs and PSOs	Actions taken are not well documented and also not reflected in student performance like placements, higher studies etc.	<ul style="list-style-type: none"> All the necessary action has been implemented and documented as mentioned in table below. On the basis of action taken stats of placement and higher studies have been improved. <div style="text-align: center;"> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Year (values)</th> <th>2017-2018</th> <th>2018-2019</th> <th>2019-2020</th> </tr> </thead> <tbody> <tr> <td>Placement (%)</td> <td>47.93</td> <td>61.67</td> <td>72.96</td> </tr> </tbody> </table> </div> <div style="text-align: center; margin-top: 10px;"> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Year</th> <th>2018-19</th> <th>2019-20</th> <th>2020-21</th> </tr> </thead> <tbody> <tr> <td>No. of Students enrolled for Higher Studies</td> <td>2</td> <td>11</td> <td>10</td> </tr> </tbody> </table> </div>	Year (values)	2017-2018	2018-2019	2019-2020	Placement (%)	47.93	61.67	72.96	Year	2018-19	2019-20	2020-21	No. of Students enrolled for Higher Studies	2	11	10
Year (values)	2017-2018	2018-2019	2019-2020																
Placement (%)	47.93	61.67	72.96																
Year	2018-19	2019-20	2020-21																
No. of Students enrolled for Higher Studies	2	11	10																

S. No.	Academic Year	Activity Type	Activity Name	Resource Person/Agency	No. of students Participated	Action Taken for	URL of Report
1	2019-20	Workshop	Workshop on IOT enabled energy efficient	Mr. Siddharath Singh Director	56	Placement	https://jecrcfoundation.com/jf-data/NBA/ECE/2019-

			Systems (Techienest Pvt. Ltd.)			20/IoTEEnabled.pdf	
2			Workshop on Applications of Machine Learning	Mr. Parth Maheshwari (Code Planet Tech.)	50	Placeme nt	https://jecrcfoundation.com/jf-data/NBA/ECE/2019-20/MLwithPython.pdf
3			WorkShop on Virtual Labs	Mr. Ashish Ranjan and Mr. Rajat Kumar Jha (Virtual Labs)	473		https://jecrcfoundation.com/jf-data/NBA/ECE/2019-20/VLABSWorkshop.pdf
4			Workshop on Ethical Hacking	Mr. Sangeet Chopra (Cyber Cure Tech.)	137	Placeme nt	https://jecrcfoundation.com/jf-data/NBA/ECE/2019-20/EthicalHacking.pdf
5		Seminar	(Celebration of IEEE Day) Seminar on "IOT Using Raspberry PI & Arduino	Mr. Sanjay Singh (Vice - Chair IEEE Young Professionals, Delhi Section)	120	Placeme nt	https://jecrcfoundation.com/jf-data/NBA/ECE/2019-20/IEEEDayCelebrationReport19-20.pdf
6		Industrial Visit	Industrial Tour at Microtek Limited	Travel12go.com	51	Placeme nt	https://jecrcfoundation.com/jf-data/NBA/ECE/2019-20/IndustrialTourReport2019-20.pdf
8			Invited talk by Mr. Jitendra Tiwari of	Mr. Jitendra Tiwari of	106	Research & Innovati	https://jecrcfoundation.com/jf-data/NBA/ECE/2019-20/InvitedTalkReport.pdf

			Made Easy Education	Made Easy Education		on, Higher studies	019-20/MadeEasy.pdf
9			INVITED TALK by Mr. PANKAJ TALWAR (JAMBOREE INDIA)	Mr. PANKAJ TALWAR (JAMBOREE INDIA)	110	Research & Innovation, Higher studies	https://jeecrfoundation.com/jf-data/NBA/ECE/2019-20/Jambooree.pdf
10			INVITED TALK by MR. DWIJENDRA SRIVASTAVA OF IMS EDUCATION	MR. DWIJENDRA SRIVASTAVA OF IMS EDUCATION	152	Research & Innovation, Higher studies	https://jeecrfoundation.com/jf-data/NBA/ECE/2019-20/IMS.pdf
11		Conference (National)	RACON-2020	Head of Department, ECE	175	Research & Innovation, Higher studies	https://jeecrfoundation.com/jf-data/NBA/ECE/Conference/RACON2020Report.pdf
12		Conference (International)	ICCOMET-2020	Head of Department, ECE	158	Research & Innovation	https://jeecrfoundation.com/jf-data/Conference/RTDEEE-2018.pdf
13	2018-19	Conference (National)	RACON-2019	Head of Department, ECE	25	Research & Innovation, Higher Studies	https://jeecrfoundation.com/jf-data/Conference/RACON-2019-Report.pdf
14		Conference (International)	ICCOMET-2019	Head of Department, ECE	187	Research & Innovation	https://jeecrfoundation.com/jf-data/Conference/ICCOMET2019-

		nal)				on	Report.pdf
15	Workshop	Workshop on IOT and Python	Techienest Private Limited	22	Placeme nt	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/IoTFinal.pdf	
16		Workshop on Embedded Systems	Techienest Private Limited	121	Placeme nt	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/EmbeddedFinal.pdf	
17		Workshop on VLSI Technology	Techienest Private Limited	125	Placeme nt	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/VlsiFinal.pdf	
18	Technical Events	Robo War	Mr. Manish Jain(Dy. Director JECRC)	24	Placeme nt	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf	
19		Robo Soccer	Mr. Sanjay Banal, Director(Project Lab India)	90		https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf	
20		Line Follower	Dr. Manish Gupta, Associate Professor In JU	50		https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf	

21			Sumo War	Mr. Naveen Panwar, Director (IIST)	42	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf
22			Formula Zero	Mr. Manish Jain, Assistant Professor, JNIT	115	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf
23			Drone Racing Championship	Mr. Siddharath Singh, Director(Techniest Pvt. Ltd.)	42	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf
24			Technophillia	Prof. K. M. Singh, JECRC University	58	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf
25			Reverse Engineering (Phoenix)	Mr. Rahul Sharma, Dy.Manager(Genus Pvt.Ltd.)	76	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf
26			Renovators	Prof. Arun Chopra, Associate Professor in JU	56	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf
27			Quiz	Mr. Siddharath	100	https://jecrcfoundation.com/jf-

			(Quizholic)	Singh Director (Techienest Pvt. Ltd.)			data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf
28			Techno InBuzz		30		https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf
29			Tech. Tambolla		59		https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/TechnicalEvents2018-19.pdf
30		Seminar	GATE ORIENTATION PROGRAMME (Activity carried out under RTU (ATU) TEQIP-III)	(Activity carried out under RTU (ATU) TEQIP-III)	55	Placeme nt	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/GateOrientation.pdf
31			SEMINAR ON APP DEVELOPMENT	Mr. Bijendra Ratiya	92	Placeme nt	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/AppDevelopment.pdf
32		Expert Talk	EXPERT TALK on Block Chain Technology	Dr. Rajiv Mathur, CTO, Chainvine Ltd	58	Placeme nt	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/BlockChain.pdf

33			EXPERT TALK BY Mr. ASHOK KUMAR	(SECTION OFFICER-MINISTRY OF EXTERNAL AFFAIRS)	56	Placeme nt	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/ForeignPolicy.pdf
34			EXPERT TALK on Remote Process Automation (RPA)	By Mr. Vaibhav Jain Sr. Technical advisor Earnst & young Ltd.	33	Placeme nt	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/RPA.pdf
35		Industrial Tour	INDUSTRIAL VISIT at Tesca Technologies Pvt. Ltd	Tesca Technologies Pvt. Ltd., Jaipur	110	Placeme nt	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/IndVisitTesca2018-19.pdf
36	2017-18	Workshop	Embedded Systems & Robotics organized by TechNest Pvt. Ltd.	Mr. Siddharath Singh (Director, Techienest)	56	Placeme nt	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/EmbeddedSystemsAndRobotics.pdf
37			Embedded & Robotics organized by SaKRobotix	Mr.Sakya Singha Mahapatra (Senior Trainer, SaKRobotix)	66	Placeme nt	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/embedded22jan15march.pdf
38			Workshop on CCNA Networking	Mr. Neeraj panwar (Trainer, IIHT)	58	Placeme nt	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/ccna.pdf

39			Workshop on Redhat Tech.	Mr. Alok Srivastava (Senior Trainer, Redhat)	214	Placeme nt	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/RedhatFinal.pdf
40			Workshop on SPYBOT- Spy Robotic Workshop organized by TechiNest Pvt. Ltd	Mr. Saurabh Bharadwaj (Trainer, Techienest)	215	Placeme nt	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/SpyBot.pdf
41		Technical Events	Robo War	Mr. Manish Jain(Dy. Director JECRC)	24	Placeme nt	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/TechEvents2017-18.pdf
42	Robo Soccer		Mr. Sanjay Banal, Director(Project Lab India)	90	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/TechEvents2017-18.pdf		
43	Line Follower		Dr. Manish Gupta, Associate Professor In JU	50	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/TechEvents2017-18.pdf		
44	Sumo War		Mr. Naveen Panwar, Director(II ST)	42	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/TechEvents2017-18.pdf		

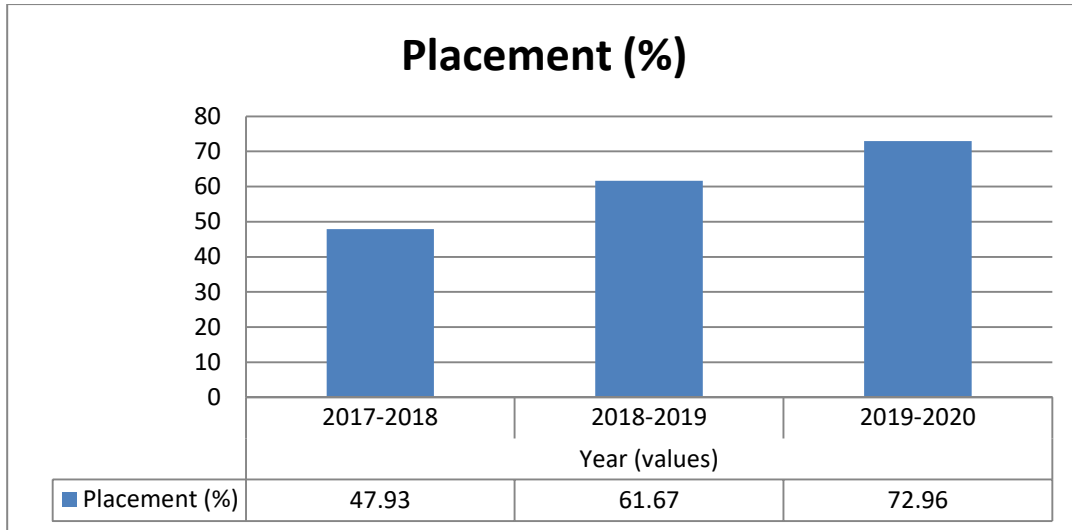
45			Formula Zero	Mr. Manish Jain, Assistant Professor , JNIT	115	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/TechEvents2017-18.pdf
46			Drone Racing Championship	Mr. Siddharath Singh, Director(Technienest Pvt. Ltd.)	42	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/TechEvents2017-18.pdf
47			Technophillia	Prof. K. M. Singh, JECRC University	58	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/TechEvents2017-18.pdf
48			Reverse Engineering (Phoenix)	Mr. Rahul Sharma, Dy. Manager(Genus Pvt.Ltd.)	76	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/TechEvents2017-18.pdf
49			Renovators	Dr. Arun Chopra, Associate Professor in JU	56	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/TechEvents2017-18.pdf
50			Quiz (Quizholic)	Mr. Siddharath Singh Director (Technienest Pvt. Ltd.)	100	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/TechEvents2017-18.pdf
51			Techno		30	https://jecrcfoundation.com/jf-

			InBuzz				data/NBA/ECE/2017-18/TechEvents2017-18.pdf
52			Tech. Tambolla		59		https://jeecrcfoundation.com/jf-data/NBA/ECE/2017-18/TechEvents2017-18.pdf
53		Seminar	Seminar on Embedded System	Mr. Chetan Prakash, Trainer (Apron India)	75	Placeme nt	https://jeecrcfoundation.com/jf-data/NBA/ECE/2017-18/SeminarApron.pdf
54							
55			Seminar on Wireless Technologies	Mr. Atul Rajput, Manager, Indovision, Noida	550	Placeme nt	https://jeecrcfoundation.com/jf-data/NBA/ECE/2017-18/Huawei.pdf
56							
57		Expert Talk	How to apply control systems in real life	Dr. Rajiv Gupta (Pro-VC, RTU, Kota)	56	Placeme nt	https://jeecrcfoundation.com/jf-data/NBA/ECE/2017-18/SocietyandControl.pdf
58		Industrial Visit	RTTC, BSNL, Jaipur	Regional Telecom Training Center, BSNL	50	Placeme nt	https://jeecrcfoundation.com/jf-data/NBA/ECE/2017-18/BSNL_Industrial_Visit.pdf
59			Industrial Visit at Tesca Technologies Pvt. Ltd.,	Tesca Technologies Pvt. Ltd.	27	Placeme nt	https://jeecrcfoundation.com/jf-data/NBA/ECE/2017-18/IndVisitTesca.
60							

							pdf
61			Industrial Visit at PHILIPS LIGHTING	PHILIPS LIGHTING Mr. Suresh Negi (Manager-Production)	51	Placeme nt	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/IndustrialTourReport_2017-18.pdf
62		Conferenc e (Internatio nal)	RTDEEEE- 2018	Head of Department , ECE	126	Research & Innovati on	https://jecrcfoundation.com/jf-data/Conference/RTDEEEE-2018.pdf

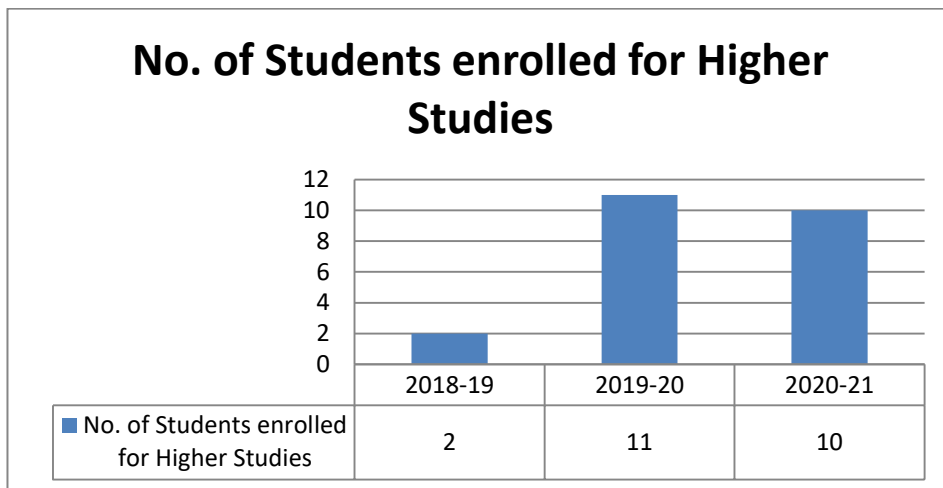
Placement Stats:

Student Progression Report: Placement Numbers			
Category	Year (values)		
	2017-2018	2018-2019	2019-2020
Placed Students	104	140	170
Eligible Students	196	192	199
Total Students	217	227	233
% (on eligible)	53.06	72.92	85.43
%(on total)	47.93	61.67	72.96



Higher Studies Stats:

Academic Year	2018-19	2019-20	2020-21
No. of Students enrolled for Higher Studies	2	11	10





RP - Sanjiv Goenka
Group
Growing Engages

IMI

International Management Institute
NEW DELHI

Shaping global leaders for tomorrow

Dr. Siddharth Varma
Dean (Academic Programmes)

13 May, 2019

PROVISIONAL CERTIFICATE

This is to certify that Mr. Aditya Agarwal, Roll.No.17PGDM184, was a student of the Post Graduate Diploma in Management (2017-19) of International Management Institute (IMI), New Delhi. The program is approved by All India Council for Technical Education (AICTE).

Aditya Agarwal is eligible for award of Post Graduate Diploma in Management and he will be awarded the same in the next Convocation of 2020.


(Siddharth Varma)



Scanned with
CamScanner



B-10, Qutab Institutional Area, Tara Crescent, New Delhi-110 016
Tel : + 91-11-47194100, 47194200 Fax : +91-11-46012729
Email : imiinfo@imi.edu Website: www.imi.edu

Centralized Counselling for M.Tech./M.Arch./M.Plan. Admissions

CCMT - 2020 (Coordinated by MNIT Jaipur)

Special Round-2

Provisional Seat Allotment Letter

Personal Details			
GATE Registration ID	EC20S43015105	GATE Exam Year	2020
GATE Exam Paper Name	ELECTRONICS AND COMMUNICATION ENGINEERING	GATE Score	592
GATE Marks out of 100	48.67	Candidate's Name	DEVANT KUMAR
Father's Name	SATYENDRA SINGH	Mother's Name	ABHA DEVI
Date of Birth	05-01-1998	Category	GENERAL-EWS
Gender	MALE	Person with Disability	NO
Qualifying Degree Marks Details			
Passing Status	Passed	Passing Year	2019
Qualifying Degree	Bachelor of Engineering/Technology (BE/B.Tech)	Qualifying discipline Name	B.E./B.Tech. in Electronics and Communication Engineering
Result Mode	Percentage	Obtained Marks	6220
Maximum Marks	8000	Percentage Marks	77.75
Allotment Details			
Choice No.	10	Round No.	5
Seat Allocated Category	EWS	Group Id	G1
Institute Allocated	NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL	Program Allocated	ADVANCED COMMUNICATION SYSTEMS
Fee Payment Details			
Fee Type	Transaction Number	Transaction Amount	Transaction Date
Participation Fee	CPAAGKMEV3	12500	24/08/2020
Registration Fee	CPAADPRWE6	2500	09/06/2020
Seat Acceptance Fee	IGAIYGZGW5	30000	11/07/2020
Online Document Uploading Schedule			
Online Document Uploading	DOCUMENT UPLOADING: SEP 07 (MON) – SEP 11 (FRI), 2020		

Dear Candidate:

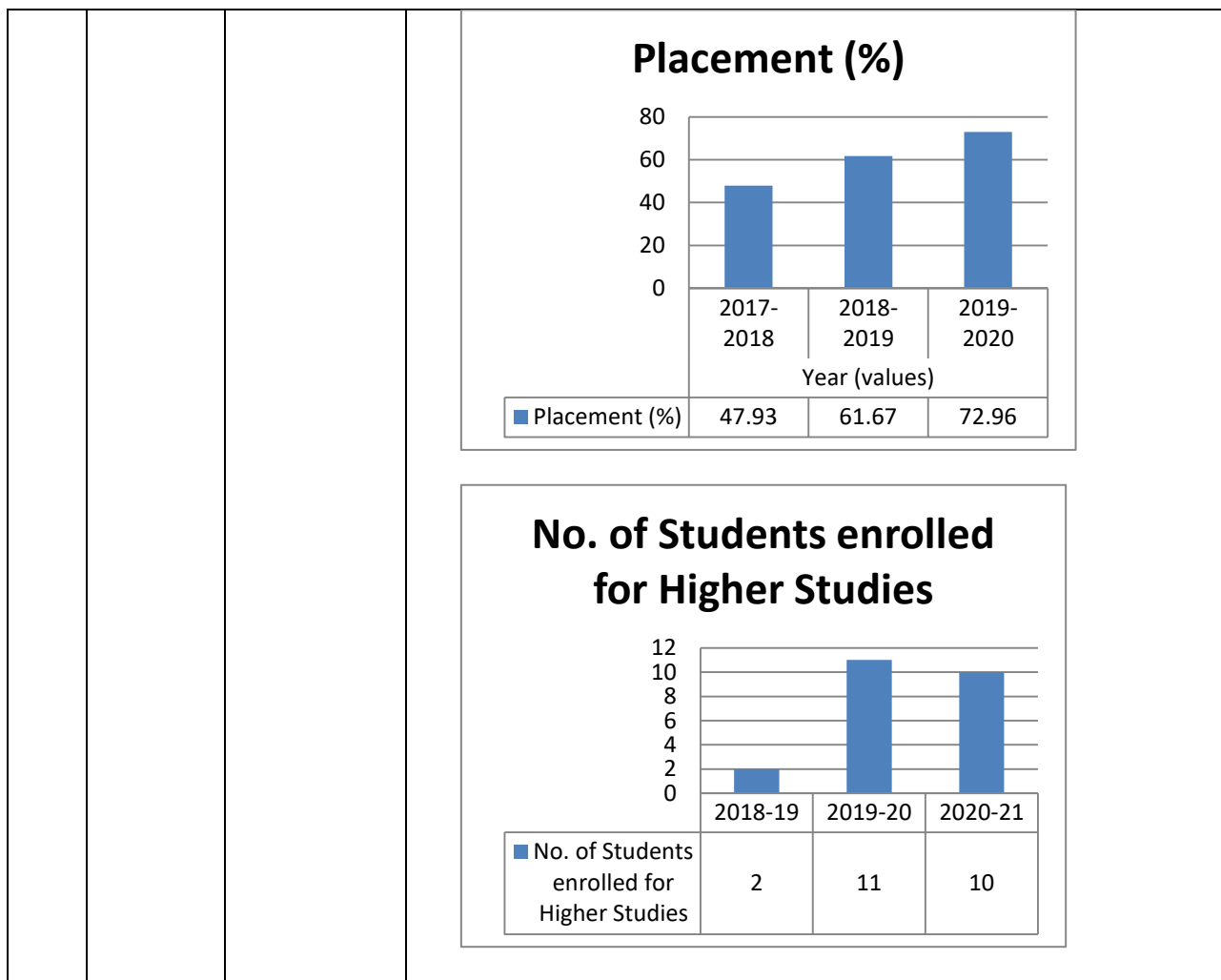
Based on your GATE Score and choices of PG Programs, you have been provisionally allotted a seat in the PG program and Institute (see above). Complete the following activities-

- Upload the following scanned document for online verification.
 1. Photograph
 2. Signature
 3. Mark sheet of Class XII
 4. EWS Certificate
 5. Document for Proof of date of birth
 6. Photo ID proof as per Govt. of India norms.
 7. GATE score card (2018 or 2019 or 2020)
 8. Grade/Mark sheets of qualifying examination for all semesters, if awaited then uptill pre-final semester
 9. Degree/Provisional certificate/Course completion certificate

Important Instructions:

After login you can view your document verification status(Under process / Seat Confirmed / Seat Cancelled / Discrepancy Raised).If discrepancy raised, you will be required to reply within stipulated time period failing which allotted seat will be cancelled.

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)																
2	7.2 Academic Audit and actions taken during the period of Assessment	External academic audits not done and have no expert's suggestion taken although student performance like placement, results, motivation towards higher studies, entrepreneurship deteriorated over the assessment period.	<ul style="list-style-type: none"> Department has been evaluated by industry expert for the quality assessment of labs. Reports of internal and external audits have been mentioned in table below: <table border="1" data-bbox="584 602 1401 1601"> <thead> <tr> <th data-bbox="584 602 651 757">S. No.</th> <th data-bbox="651 602 842 757">Audit Type</th> <th data-bbox="842 602 1078 757">Action taken for</th> <th data-bbox="1078 602 1401 757">URL of Report</th> </tr> </thead> <tbody> <tr> <td data-bbox="584 757 651 996">1</td> <td data-bbox="651 757 842 996">Assessment through Internal Expert</td> <td data-bbox="842 757 1078 996">for improving the performance of students in every aspect</td> <td data-bbox="1078 757 1401 996">https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/InternalAudit.pdf</td> </tr> <tr> <td data-bbox="584 996 651 1279">2</td> <td data-bbox="651 996 842 1279">Assessment through External Expert</td> <td data-bbox="842 996 1078 1279">Suggestions from external expert for improving performance of faculty/students</td> <td data-bbox="1078 996 1401 1279">https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/ExternalAudit.pdf</td> </tr> <tr> <td data-bbox="584 1279 651 1601">3</td> <td data-bbox="651 1279 842 1601">Lab Audit through Internal Assessment Team</td> <td data-bbox="842 1279 1078 1601">for improving the lab facilities and to check the consistency of lab equipments/recourses</td> <td data-bbox="1078 1279 1401 1601">https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/LabAudit.pdf</td> </tr> </tbody> </table> <ul style="list-style-type: none"> Student's performance has been improved as compared to previous academic years in terms of Placements and Higher studies. 	S. No.	Audit Type	Action taken for	URL of Report	1	Assessment through Internal Expert	for improving the performance of students in every aspect	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/InternalAudit.pdf	2	Assessment through External Expert	Suggestions from external expert for improving performance of faculty/students	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/ExternalAudit.pdf	3	Lab Audit through Internal Assessment Team	for improving the lab facilities and to check the consistency of lab equipments/recourses	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/LabAudit.pdf
S. No.	Audit Type	Action taken for	URL of Report																
1	Assessment through Internal Expert	for improving the performance of students in every aspect	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/InternalAudit.pdf																
2	Assessment through External Expert	Suggestions from external expert for improving performance of faculty/students	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/ExternalAudit.pdf																
3	Lab Audit through Internal Assessment Team	for improving the lab facilities and to check the consistency of lab equipments/recourses	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/LabAudit.pdf																



Action Taken:

Academic Year	Activity Name	Activity Type	Action Taken for	Resource Person/Agency	No. of Participants	URL of Report
2019-20	FACE Training	Analytical Training	Placement	Focus Academy	233	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/CRT2019-20.pdf
	Remedial Classes	Brush-up Classes	University Results	Faculty	612	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/RemedialClasses.pdf

	Invited talk by Mr. Jitendra Tiwari of Made Easy Education			Mr. Jitendra tiwari of made easy education	106	https://jecrcfoundation.com/jf-data/NBA/ECE/2019-20/MadeEasy.pdf
	Invited talk by Mr. Pankaj Talwar (jamboree india)	Invited Talk	Higher Studies	Mr. Pankaj talwar (jamboree india)	110	https://jecrcfoundation.com/jf-data/NBA/ECE/2019-20/Jambooree.pdf
	Invited talk by Mr. Dwijendra Srivastava of IMS Education			Mr. Dwijendra Srivastava of IMS Education	152	https://jecrcfoundation.com/jf-data/NBA/ECE/2019-20/IMS.pdf
2018-19	Face Training	Analytical Training	Placement	Focus Academy	227	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/CRT2018-19.pdf
	EXPERT TALK on Block Chain Technology		Higher Studies	Dr. Rajiv Mathur, CTO, Chainvine Ltd	58	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/BlockChain.pdf
	Expert talk by Mr. Ashok kumar	Expert Talk		(Section officer-ministry of external affairs)	56	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/ForeignPolicy.pdf
	Expert talk on Remote Process Automation (RPA)		Entrepreneurship	By Mr. Vaibhav Jain Sr. Technical advisor Earnst & young Ltd.	33	https://jecrcfoundation.com/jf-data/NBA/ECE/2018-19/RPA.pdf

2017-18	Face Training	Analytical Training	Placement	Focus Academy	217	https://jecrcfoundation.com/jf-data/NBA/ECE/C-7/CRT2017-18.pdf
	Seminar on Embedded System Design	Expert Talk	Entrepreneurship	Mr. Chetan Prakash, Trainer (Apron India)	75	https://jecrcfoundation.com/jf-data/NBA/ECE/2017-18/SeminarApron.pdf

Placement Stats:

Student Progression Report: Placement Numbers			
Category	Year (values)		
	2017-2018	2018-2019	2019-2020
Placed Students	104	140	170
Eligible Students	196	192	199
Total Students	217	227	233
% (on eligible)	53.06	72.92	85.43
%(on total)	47.93	61.67	72.96

Higher Studies Stats:

Academic Year	2018-19	2019-20	2020-21
No. of Students enrolled for Higher Studies	2	11	10



RP - Sanjiv Goenka
Group
Growing Legacies



International Management Institute

NEW DELHI

Shaping global leaders for tomorrow

Dr. Siddharth Varma
Dean (Academic Programmes)

13 May, 2019

PROVISIONAL CERTIFICATE

This is to certify that Mr. Aditya Agarwal, Roll.No.17PGDM184, was a student of the Post Graduate Diploma in Management (2017-19) of International Management Institute (IMI), New Delhi. The program is approved by All India Council for Technical Education (AICTE).

Aditya Agarwal is eligible for award of Post Graduate Diploma in Management and he will be awarded the same in the next Convocation of 2020.


(Siddharth Varma)



Scanned with
CamScanner



B-10, Qutab Institutional Area, Tara Crescent, New Delhi-110 016
Tel : + 91-11-47194100, 47194200 Fax : +91-11-46012729
Email : imiinfo@imi.edu Website: www.imi.edu

Centralized Counselling for M.Tech./M.Arch./M.Plan. Admissions

CCMT - 2020 (Coordinated by MNIT Jaipur)

Special Round-2

Provisional Seat Allotment Letter

Personal Details			
GATE Registration ID	EC20S43015105	GATE Exam Year	2020
GATE Exam Paper Name	ELECTRONICS AND COMMUNICATION ENGINEERING	GATE Score	592
GATE Marks out of 100	48.67	Candidate's Name	DEVANT KUMAR
Father's Name	SATYENDRA SINGH	Mother's Name	ABHA DEVI
Date of Birth	05-01-1998	Category	GENERAL-EWS
Gender	MALE	Person with Disability	NO
Qualifying Degree Marks Details			
Passing Status	Passed	Passing Year	2019
Qualifying Degree	Bachelor of Engineering/Technology (BE/B.Tech)	Qualifying discipline Name	B.E./B.Tech. in Electronics and Communication Engineering
Result Mode	Percentage	Obtained Marks	6220
Maximum Marks	8000	Percentage Marks	77.75
Allotment Details			
Choice No.	10	Round No.	5
Seat Allocated Category	EWS	Group Id	G1
Institute Allocated	NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL	Program Allocated	ADVANCED COMMUNICATION SYSTEMS
Fee Payment Details			
Fee Type	Transaction Number	Transaction Amount	Transaction Date
Participation Fee	CPAAGKMEV3	12500	24/08/2020
Registration Fee	CPAADPRWE6	2500	09/06/2020
Seat Acceptance Fee	IGAIYGZGW5	30000	11/07/2020
Online Document Uploading Schedule			
Online Document Uploading	DOCUMENT UPLOADING: SEP 07 (MON) – SEP 11 (FRI), 2020		

Dear Candidate:

Based on your GATE Score and choices of PG Programs, you have been provisionally allotted a seat in the PG program and Institute (see above). Complete the following activities-

- Upload the following scanned document for online verification.
 1. Photograph
 2. Signature
 3. Mark sheet of Class XII
 4. EWS Certificate
 5. Document for Proof of date of birth
 6. Photo ID proof as per Govt. of India norms.
 7. GATE score card (2018 or 2019 or 2020)
 8. Grade/Mark sheets of qualifying examination for all semesters, if awaited then uptill pre-final semester
 9. Degree/Provisional certificate/Course completion certificate

Important Instructions:

After login you can view your document verification status(Under process / Seat Confirmed / Seat Cancelled / Discrepancy Raised).If discrepancy raised, you will be required to reply within stipulated time period failing which allotted seat will be cancelled.

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)																
3.	7.3 Improvement in Placement, Higher Studies and Entrepreneurship	Placement percentage and no. of students opting for higher studies has deteriorated. Details of student entrepreneurs are insufficient.	<ul style="list-style-type: none"> Student's performance has been improved as compared to previous academic years in terms of Placements and Higher studies. <div data-bbox="746 600 1361 1059"> <p style="text-align: center;">Placement (%)</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>2017-2018</th> <th>2018-2019</th> <th>2019-2020</th> </tr> </thead> <tbody> <tr> <td>Placement (%)</td> <td>47.93</td> <td>61.67</td> <td>72.96</td> </tr> </tbody> </table> </div> <div data-bbox="746 1099 1361 1570"> <p style="text-align: center;">No. of Students enrolled for Higher Studies</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>2018-19</th> <th>2019-20</th> <th>2020-21</th> </tr> </thead> <tbody> <tr> <td>No. of Students enrolled for Higher Studies</td> <td>2</td> <td>11</td> <td>10</td> </tr> </tbody> </table> </div>		2017-2018	2018-2019	2019-2020	Placement (%)	47.93	61.67	72.96		2018-19	2019-20	2020-21	No. of Students enrolled for Higher Studies	2	11	10
	2017-2018	2018-2019	2019-2020																
Placement (%)	47.93	61.67	72.96																
	2018-19	2019-20	2020-21																
No. of Students enrolled for Higher Studies	2	11	10																

Placement Stats:

Student Progression Report: Placement Numbers			
Category	Year (values)		
	2017-2018	2018-2019	2019-2020
Placed Students	104	140	170
Eligible Students	196	192	199

Total Students	217	227	233
% (on eligible)	53.06	72.92	85.43
%(on total)	47.93	61.67	72.96

Higher Studies Stats:

Academic Year	2018-19	2019-20	2020-21
No. of Students enrolled for Higher Studies	2	11	10

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
4.	7.4 Improvement in the quality of students admitted to the program	Opening score of admission has improved. However 12 th standard grades of students admitted have not improved.	<ul style="list-style-type: none"> Admissions for the previous three years are shown in table below:

Data related to quality of students admitted to the program

Item		CAY (2020-2024)	CAYm1 (2019-2023)	CAYm2 (2018-2022)
National Level Entrance Examination(JEE)	No. of Students admitted	177	237	171
	Opening Score/Rank	92.49(80100)	94.08(10107)	72(25812)
	Closing Score/Rank	24.39(812184)	20.18(1104386)	10(862521)
State/University/Level Entrance Examination/Others	No. of Students Admitted	NA	NA	NA
	Opening Score/Rank	325	306	1903
	Closing Score/Rank	11538	10654	8420

Name of the Entrance Examination for Lateral Entry or Lateral entry details	No. of Students Admitted	0	0	1
	Opening Score/Rank	NA	NA	742
	Closing Score/Rank	NA	NA	NA
Average CBSE/Any other Board Result of admitted students (Physics, Chemistry & Maths)		182	205	185

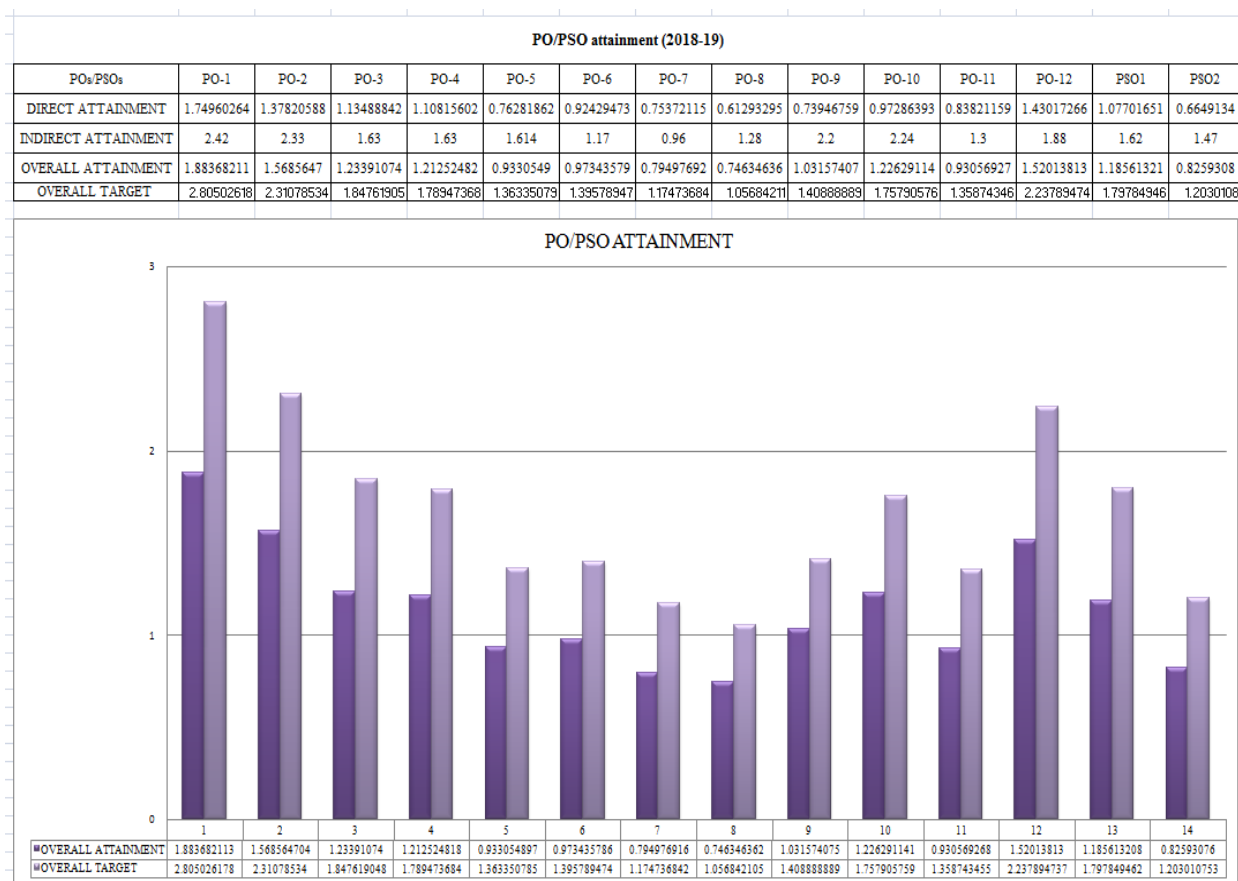
Criteria 8 First Year Academics

S. No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
8.4.1	8.4.1 Describe the assessment processes used to gather the data upon which the evaluation of Course Outcomes of first year is based	Limited assessment processes & tools used; no proper bench mark/ target was in place for computing CO attainment; and only CIE marks are used to measure CO attainments, hence not a valid procedure to measure the learn ability.	<ul style="list-style-type: none"> ● PO attainment = Direct attainment + Indirect attainment ● Direct attainment = 80 % weightage of End semester examination (ESE) + 20% weightage of Mid-term examination (MTE) = $0.8x + 0.2y$ x= ESE, y=MTE ● Indirect attainment = Surveys from stakeholders, placement data, participation of students in curricular and co-curricular activities ● CO attainment = $0.8x+0.2y$ Where x = End semester examination (ESE) y = Mid-term examination (MTE) ● Direct attainment and indirect attainment are mapped with PO attainment through rubrics.

Subject Code	Subject Name	Course Outcome	RTU	MTT	TOTAL
			x	y	$0.8x+0.2y$
1FY2-01	Engineering Mathematics-I	CO-1	40	51.19	42.238
		CO-2	40	56.19	43.238
		CO-3	40	50.32	42.064
		CO-4	40	38.37	39.674
1FY2-03	Engineering Chemistry	CO-1	62.4	50	59.92
		CO-2	62.4	36	57.12
		CO-3	62.4	86	67.12
		CO-4	62.4	56	61.12
1FY2-02	Engineering Physics	CO-1	33.68	70.92	41.128
		CO-2	33.68	36.97	34.338

		CO-3	33.68	81.33	43.21
		CO-4	33.68	60.16	38.976
(1FY1-04)	CSK	CO-1	77.68	84.9	79.124
		CO-2	77.68	74.19	76.982
		CO-3	77.68	57.84	73.712
(1FY1-05)	Human values	CO-1	75.38	71.8	74.664
		CO-2	75.38	61.6	72.624
		CO-3	75.38	57.4	71.784
1FY3-06	Programming For Problem Solving	CO-1	40	72.4	46.48
		CO-2	40	70.7	46.14
		CO-3	40	70.7	46.14
		CO-4	40	65.3	45.06
1FY3-07	BME	CO-1	47.57	66.59	51.374
		CO-2	47.57	60.3	50.116
		CO-3	47.57	48.15	47.686
		CO-4	47.57	46.73	47.402

S.No.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
8.5.1	8.5.1 Indicate results of evaluation of each relevant PO/PSOs	Assessment tools used to measure PO are irrelevant; only indirect assessment tools are used to measuring PSOs and poor PO/PSO attainment values.	<ul style="list-style-type: none"> ● PO attainment = Direct attainment + Indirect attainment ● Direct attainment = 80 % weightage of end semester examination (ESE) + 20% weightage of Mid-term examination (MTE) = $0.8x + 0.2y$ x= ESE, y=MTE ● Indirect attainment = Surveys from stakeholders, placement data, participation of students in curricular and co-curricular activities ● CO attainment = $0.8x+0.2y$ Where x = End semester examination (ESE) y = Mid-term examination (MTE) ● Direct attainment and indirect attainment are mapped with PO attainment through rubrics.



S. No	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
8.5.2	8.5.2 Actions taken based on the results of evaluation of relevant POs /PSOs	Ineffective actions taken based on results of PO/PSOs	<ul style="list-style-type: none"> Attainment of POs and PSOs are through Direct (80% End-semester Examination plus 20% Mid-Term Examination) and Indirect (Placement Data, Participation of Students in co-curricular activities and Surveys from Stakeholders). To attain the POs/PSOs, systematically content beyond the syllabus has been identified and delivered. Also, different activities have been planned and executed to achieve the target value of PO/PSOs attainment. Outcome of participative and experiential learning shows the impact in placement and other performance parameters. Keeping a track of mentioned activities, participation is increased along with the results, placements, etc. listed

in tables below.

	2017-18	2018-19	2019-20
Total Students' Participation in Activities	1727	1848	1805* (Due to Covid, Technical Events were suspended)

S. No.	Academic Year	Activity Type	No. of Activities	Total Student Participation
1	2019-20	FACE Training	1	233
2		Workshop	4	716
3		Seminar	1	120
4		Industrial Visit	1	51
5		Invited Talks	3	368
6		Conferences	2	333
7	2018-19	FACE Training	1	227
8		Conferences	2	212
9		Workshops	3	268
10		Technical Events	12	742
11		Seminars	2	147
12		Expert Talk	3	142
13		Industrial Visit	1	110
14	2017-18	FACE Training	1	217
15		Workshops	5	509
16		Technical Events	12	583
17		Seminars	2	148
18		Industrial Visits	3	128
19		Conference	1	126

Criterion 9: Student Support Systems

S. No	CRITERIA	OBSERVATION MADE BY NBA	COMPLIANCE STATUS (ACTION TAKEN BY INSTITUTION)
9.2	Feedback analysis and reward /corrective measures taken, if any	Feedback system exists, but not effectively functioning.	<p>Institute regularly collect and analyse feedback from students and other stakeholders on various issues. After analysing the feedbacks corrective actions are taken. Action taken reports are shared with the stakeholders. Feedback forms, Mechanism and action taken reports are also available on the institute websites.</p> <p>https://jecrcfoundation.com/iqac/feedback-forms https://www.jecrcfoundation.com/pdf/iqac-feedback/1.4.2-Feedback%20Mechanism.pdf https://jecrcfoundation.com/iqac/action-taken-report</p> <p>List of feedback with link is attached below.</p>

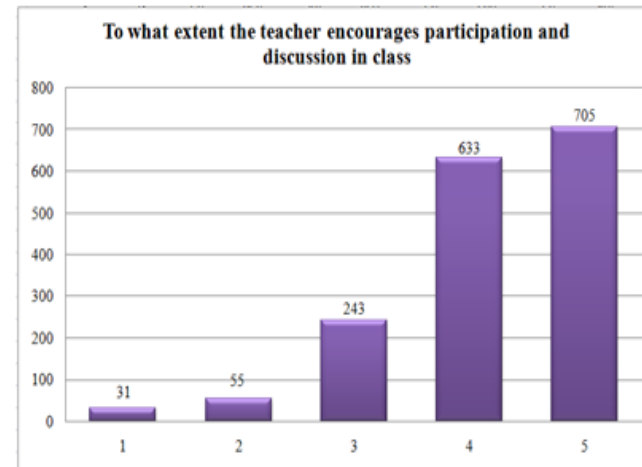
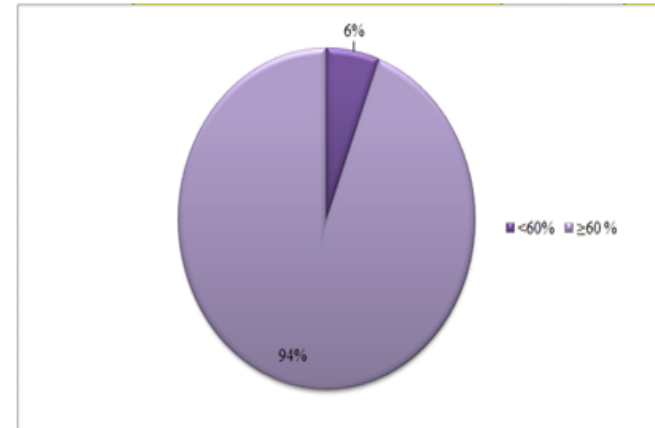
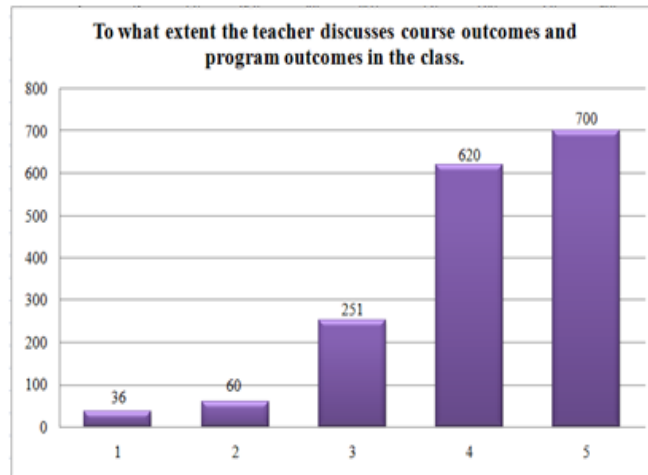
List and link of feedback forms

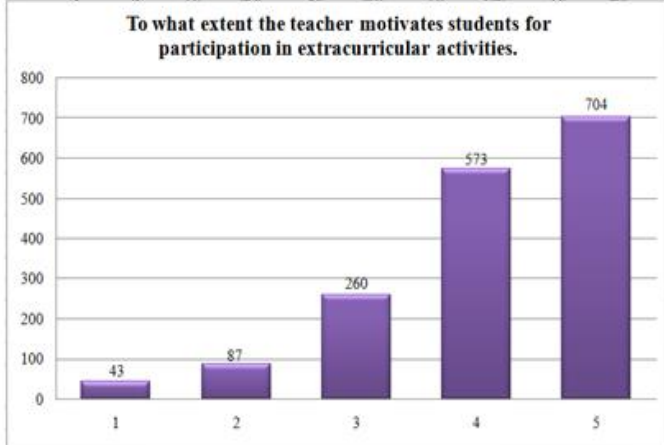
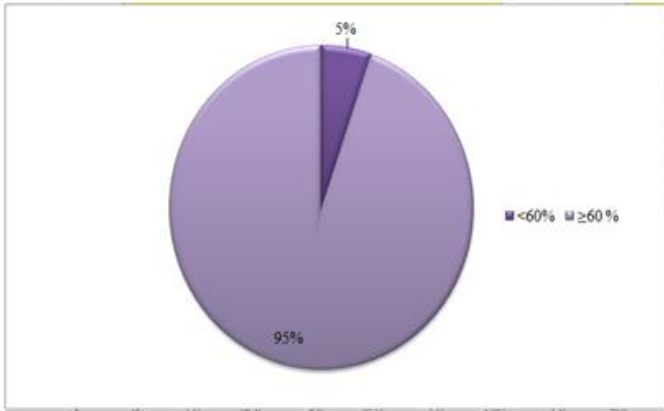
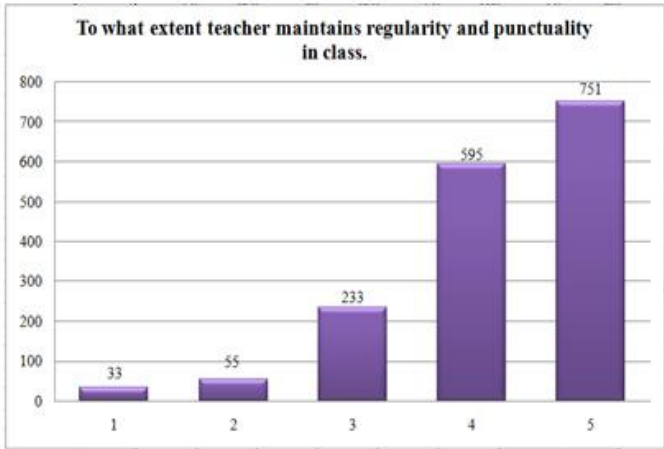
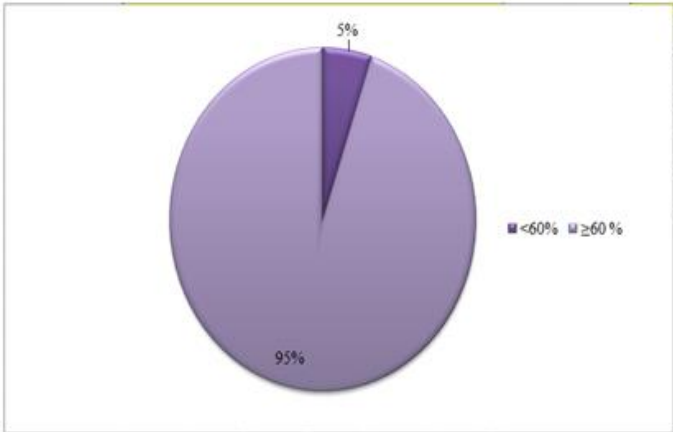
1	Student's Curriculum Feedback Form	https://forms.gle/zf81BNcSCnUtcc2J7
2	Students Feedback On Teaching Learning	https://forms.gle/bmeUV44GyKtkkzay7
3	Students Extra-Curricular Feedback Form	https://forms.gle/FdzzwxoZZEW99usv9
4	Parent's Feedback Form	https://forms.gle/RiwFvop6a5NHqpyG7
5	Student's Facility Feedback Form	https://forms.gle/GhxvQUNrRyGSUsBQA
6	Student's Hostel Facility Feedback Form	https://forms.gle/xeHNUd4dixmNuF2B9
7	Student's Feedback(Transport Facility) Form	https://forms.gle/Y8gAnoQmg9hoTbeJ8
8	General Feedback Form	https://forms.gle/fEwp5T1zbGS2xpvK7
9	Student's Course Outcome Feedback Form	https://forms.gle/GnxSy4NCVzotjtKBA
10	Student's Program Exit Feedback Form	https://forms.gle/kV4f2nXJvFqJEzaPA
11	Employee Feedback Form	https://forms.gle/fHumzaPAYSrQBds8

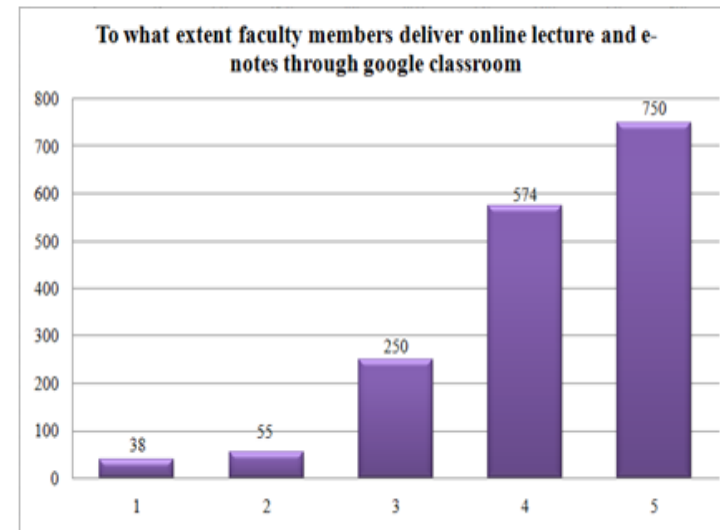
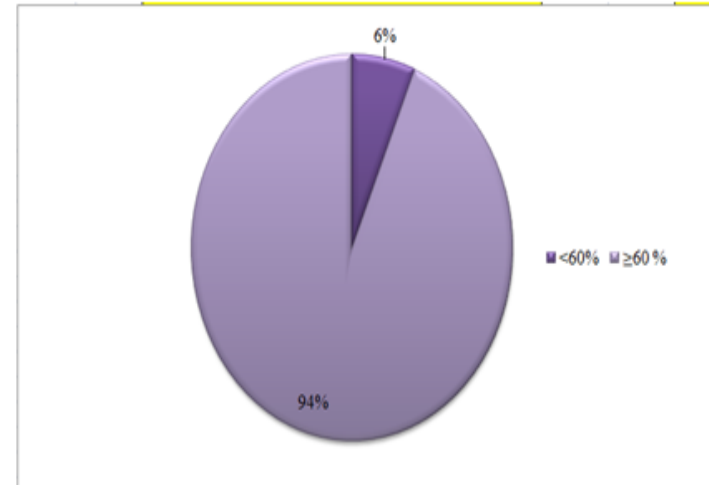
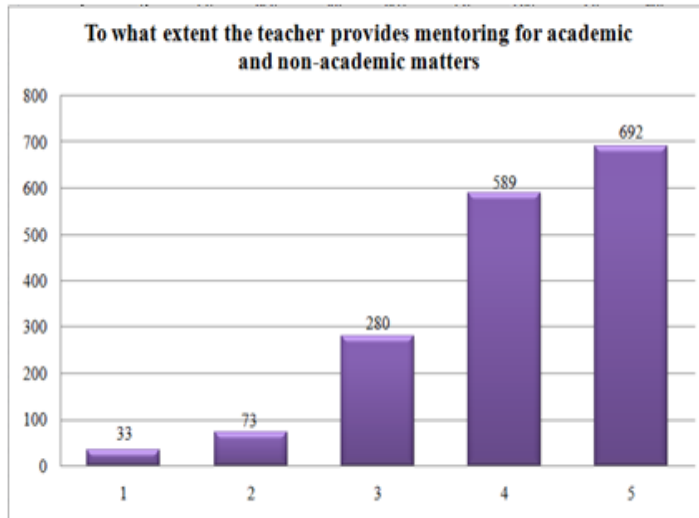
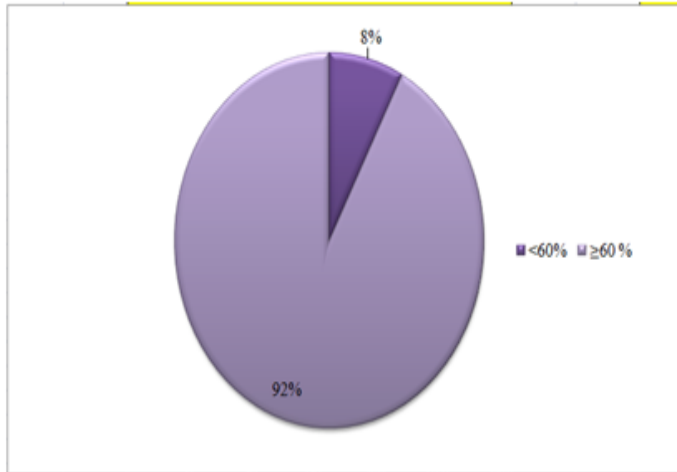
12	Industrial Training Feedback Form	https://forms.gle/AhmpicDXssa3QWkr9
----	-----------------------------------	---

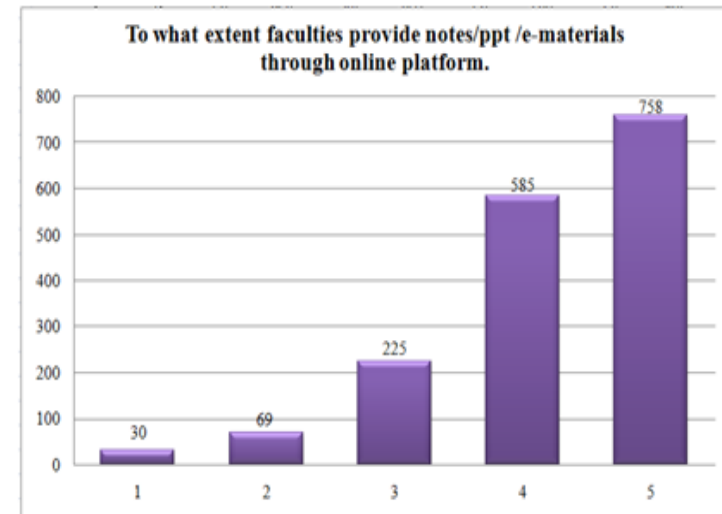
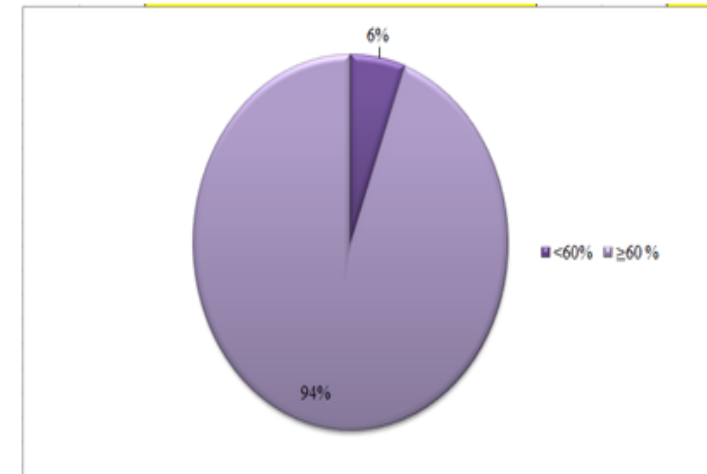
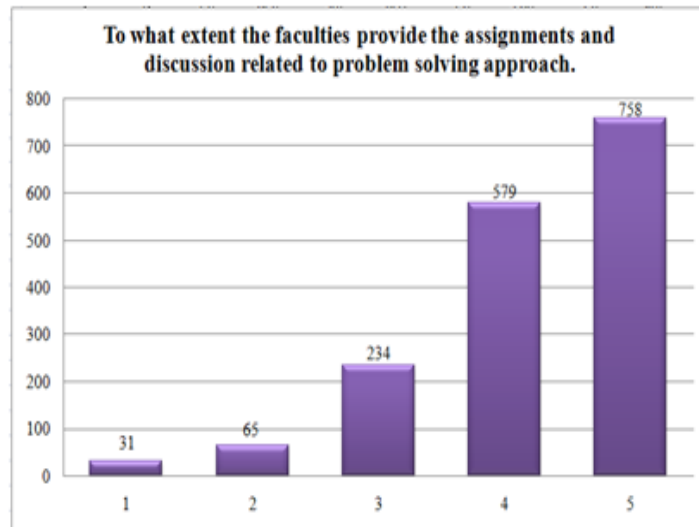
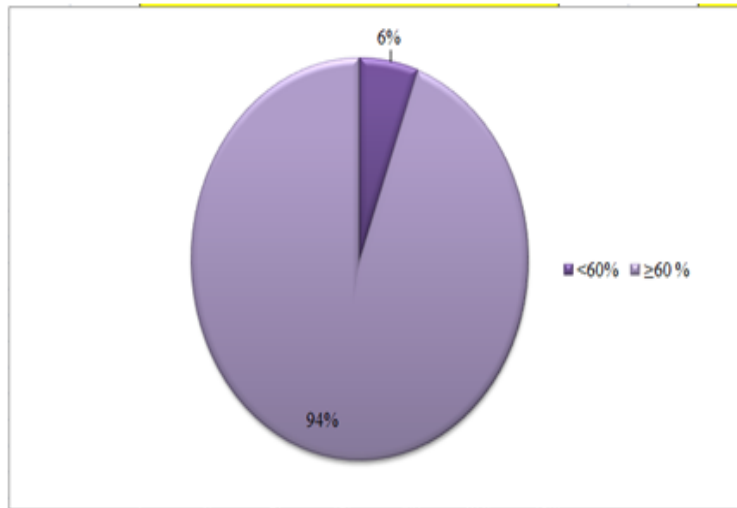
Teaching Learning- feedback

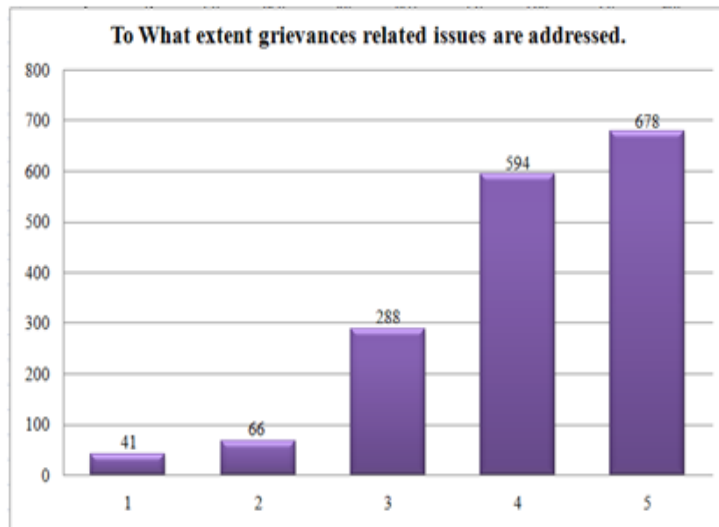
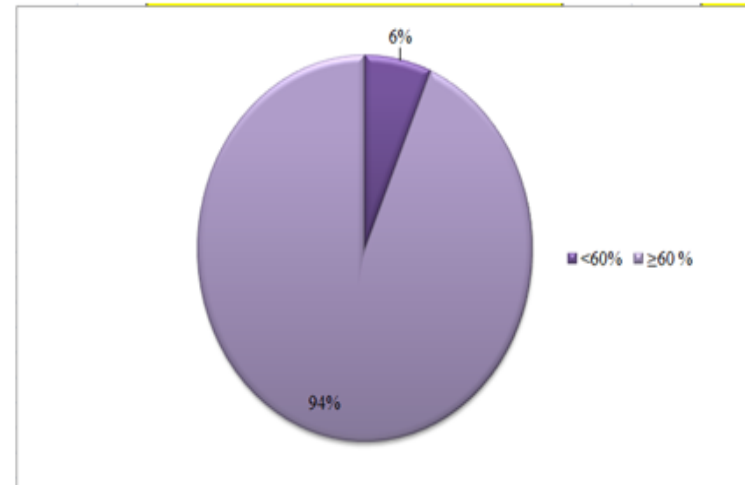
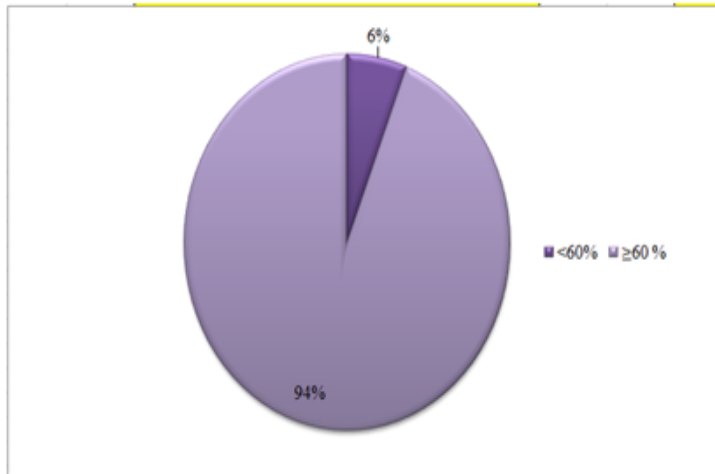
Total responses 1667











Student's Teaching learning Feedback forms received from students and summary as follows


Parameters	Responses		Action taken
	<60	≥60	
To what extent the teacher discusses course outcomes and program outcomes in the class.	5.76	94.24	The students appreciate the efforts made by faculty members regarding the discussion of COs & POs. Few students required more discussion regarding the same. IQAC instructed to all HoDs to speak with his faculty members to increase the frequency of discussion of COs & POs in classroom.
To what extent the teacher encourages participation and discussion in class.	5.16	94.84	The faculty members encourage innovative participation of students to make active discussions in classroom teaching. IQAC advised to all faculty members to increase the participation and discussion in class. Also increase the involvement of slow learners in discussion.
To what extent teacher maintains regularity and punctuality in class.	5.28	94.72	The students appreciated the regularity and punctuality of faculty members in classroom IQAC instructed to all HoDs to insure the regularity and punctuality of faculty members in class.
To what extent the teacher motivates students for participation in extra curricular activities.	7.80	92.20	The students appreciate the efforts made by the faculty members. Also, faculty members are advised to motivate the students to make maximum involvement in extracurricular activities.
To what extent the teacher provides mentoring for academic and non-academic matters	6.36	93.64	The students appreciated the faculty members. Also, it is advised to mentors to increase the frequency of active mentoring sessions, especially for slow learners.
To what extent faculty members deliver online lecture and e-notes through google classroom	5.58	94.42	The students appreciate the efforts made by the faculty members. Also, instructed to all faculty members to provide the advanced study materials like GATE, IES etc materials, lecture videos, lab experiments videos through google classroom.

To what extent the faculties provide the assignments and discussion related to problem solving approach	5.76	94.24	Almost all faculties provide the quality assignment to the students. IQAC advised to faculty members to enhance the difficulty level of assignments by incorporate complex problems. Also provide last year GATE, IES etc questions in assignments for fast learners and provide extra discussion time for slow learners.
To what extent faculties provide notes/ppt /e-materials through online platform.	5.94	94.06	The students appreciate the efforts made by the faculty members. IQAC advised the faculty members to upload advanced study materials, lecture videos, lab experiments videos/ NPTEL/ Swayam/ Swayam Prabha links to students.
To What extent grievances related issues are addressed	6.42	93.58	The students appreciate the efforts made by the department. Almost all the grievances are addressed. IQAC instructed all HoDs to address all grievances related issues of students at time.

S.No	CRITERIA	OBSERVATION MADE BY NBA	COMPLIANCE STATUS (ACTION TAKEN BY INSTITUTION)
9.3	Feedback on facilities	Feedback system on facilities exist, but corrective measures taken are not documented	Institute regularly collect and analyse feedback from students and other stakeholders on various issues. After analysing the feedbacks corrective actions are taken. Action taken reports are shared with the stakeholders. Feedback forms, Mechanism and action taken reports are also available on the institute websites. https://jecrcfoundation.com/iqac/feedback-forms https://www.jecrcfoundation.com/pdf/iqac-feedback/1.4.2-Feedback%20Mechanism.pdf https://jecrcfoundation.com/iqac/action-taken-report

List and link of feedback forms

1	Student's Curriculum Feedback Form	https://forms.gle/zf81BNcSCnUtcc2J7
2	Students Feedback On Teaching Learning	https://forms.gle/bmeUV44GyKtkkzay7
3	Students Extra-Curricular Feedback Form	https://forms.gle/FdzxwxoZZEW99usv9
4	Parent's Feedback Form	https://forms.gle/RiwFvop6a5NHqpyG7
5	Student's Facility Feedback Form	https://forms.gle/GhxvQUNrRyGSUsBQA
6	Student's Hostel Facility Feedback Form	https://forms.gle/xeHNUd4dixmNuF2B9
7	Student's Feedback(Transport Facility) Form	https://forms.gle/Y8gAnoQmg9hoTbeJ8
8	General Feedback Form	https://forms.gle/fEwp5T1zbGS2xpvK7
9	Student's Course Outcome Feedback Form	https://forms.gle/GnxSy4NCVzotjtKBA
10	Student's Program Exit Feedback Form	https://forms.gle/kV4f2nXJvFqJEzaPA
11	Employee Feedback Form	https://forms.gle/fHumzaPAYsrkQBds8
12	Industrial Training Feedback Form	https://forms.gle/AhmpicDXssa3QWkr9

 <p>JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE</p>	Jaipur Engineering college and research Centre, Shri Ram Ki Nangal, via Sitapura RIICO Jaipur- 302 022.	Academic year-2019-2020
---	---	-------------------------

Internal Quality Assurance Committee

Circular

No: JECRC/2019/Meeting/


Date: 04.12.2019

This is to inform all members of IQAC that there is a meeting on "Feedback analysis and action taken report from different stake holders" scheduled from 2 to 4 pm on 07.12.2019 at the A-Block Conference hall. The Program coordinator are requested to bring the feedback analysis of their department for discussion on the following agenda points:

1. Feedback analysis for different stakeholders.
2. Discussion on action taken report on student's curriculum, co-curricular, facilities, hostel and transport.
3. Discussion on action taken report on parent's feedback.
4. Discussion on action taken report on alumni feedback.
5. Discussion on action taken report on Employer feedback.
6. Any other

CC to


IQAC Coordinator
Head of the Department
Mechanical Engineering
JECRC, Jaipur

 JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE	Jaipur Engineering college and research Centre, Shri Ram Ki Nangal, via Sitapura RIICO Jaipur- 302 022.	Academic year-2019-2020
--	---	-------------------------

Minutes of Meeting

Meeting Venue: Conference Hall, A-Block

Date: 08/12/2019

The meeting held on 7.12.2019 regarding feedback taken by different departments which department collects from the different stakeholders and later analysis is done at department level and submitted to IQAC. Later the analysis is done and IQAC prepares the collective feedback analysis and shared to the stakeholders. The various stake holders are mainly the students, faculty members, alumni, parents and employer. Based on the analysis, an action taken report is prepared for further improvement.


IQAC coordinator shared the action taken report with the program coordinator and also with all the faculty members about the feedback and the analysis of the stakeholders. The following agenda points were discussed.

- 1. Students Curriculum:** Student's Curriculum feedback forms received from students and summary as follows

Parameters	Responses		Action taken
	<60%	≥60%	
Vision of JECRC	4.90	95.10	Majority of the students agreed with the Vision statement of JECRC
Mission of JECRC	5.15	94.85	Majority of the students agreed with the Mission statement of JECRC
Curriculum provided by university is satisfactory	8.96	91.04	Curriculum is as per RTU. IQAC advised the all-faculty members to identify more content beyond the syllabus and introduce more add on courses.

7. Student's Facilities Feedback: Student's Facilities Feedback forms received from students and summary as follows

Parameters	Responses		Action taken
	<60	≥60	
How would you rate the Cleanliness & greenery of college campus?	10.86	89.14	The students appreciated the cleanliness and greenery of college campus. The campus in-charge has been instructed to proper maintain the cleanliness and horticulture, also advised to organize plantation activity regularly.
How would you rate the infrastructure of laboratory in college?	13.44	86.56	The students appreciated the academic related laboratory. IQAC advised the HoDs to establish few industries supported labs. Also, it is proposed to equip the laboratory with latest sophisticated instruments.
How would you rate the infrastructure of Library in college?	7.59	92.41	The students appreciated the infrastructure of library. For further improvement, it is proposed to enhancement of e- library related facility.
How would you rate the Wi-Fi internet facility in the college?	37.66	62.34	Wi-Fi issue is raised and communicated for necessary action. It is proposed to install more routers in the campus.
How would you rate the classroom ambience in the college?	12.74	87.26	The students appreciated the classroom ambiences. Campus in-charge was asked to arrange the curtain for few remaining curtainless windows. Also, maintain the classroom properly.
How would you rate the canteen facility?	17.62	82.38	The issue has been discussed with the canteen contractor and advised him to provide proper facilities.
How would you rate the spiritual cell facility for counseling?	4.71	95.29	The students appreciated the spiritual cell facility for counseling. IQAC inform about the feedback received from students to spiritual cell in charge for further improvement and to organize more activities.
How would you rate the ICT facilities?	8.05	91.95	The students appreciate the ICT based facilities in the campus. Also, it is proposed to increase the number of ICT based classroom in the campus.

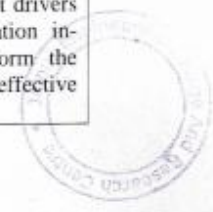
 JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE	Jaipur Engineering college and research Centre, Shri Ram Ki Nangal, via Sitapura RIICO Jaipur- 302 022.	Academic year-2019-2020
--	---	--------------------------------


How would you rate sports facility in the college?	20.05	79.95	This issue has been discussed with the sports in-charge. The sports in-charge has been instructed to maintain and enhance the sports facility.
How would you rate First Aid facility in college?	13.36	86.64	The students appreciate the first aid facilities in the campus. Campus in-charge was asked to maintain the first aid facility in the college.
How would you rate the grievances regarding facility?	10.25	89.75	Mostly students are satisfied with the grievances regarding facilities. IQAC advised the grievances cell to resolve the grievances of student's within given time frame.

8.Student's Transport Facility Feedback: Student's Transport Feedback forms received from students and summary as follows

Parameters	Responses (%)		Action taken
	<60%	≥60 %	
To what extent transport facility at JECRC is dependable and punctual.	8.02	91.98	Most of the students appreciate the punctuality of transport. Also, transportation in-charge has been instructed to enhance the transportation facility according to requirement.
To what extent bus drivers demonstrates safe and preventive driving skills.	7.89	92.11	Safety of the students/staff is the prime concern for the College. The majority of students appreciated the safety maintained by the drivers while driving. Also, transportation in-charge has been instructed to talk with the drivers and give instructions for safe driving.
To what extent the drivers maintain proper dress code.	5.14	94.86	Mostly students appreciate this. Transportation in-charge has been instructed to talk with the drivers and give instructions to wear proper dress code while on duty.
How would you rate the cleanliness of the interior and exterior of	7.14	92.86	The students are satisfied with the cleanliness of the interior and exterior of the vehicle. Also, transportation in-charge has been

driving skills.	7.89	92.11	the drivers while driving. Also, transportation in-charge has been instructed to talk with the drivers and give instructions for safe driving.
To what extent the drivers maintain proper dress code.	5.14	94.86	Mostly students appreciate this. Transportation in-charge has been instructed to talk with the drivers and give instructions to wear proper dress code while on duty.
How would you rate the cleanliness of the interior and exterior of the vehicle?	7.14	92.86	The students are satisfied with the cleanliness of the interior and exterior of the vehicle. Also, transportation in-charge has been instructed to proper maintain interior and exterior cleanliness of vehicle.
To what extent the drivers communicate related to schedule.	8.02	91.98	The majority of the students feel that drivers adhere to the schedule. Transportation in-charge has been instructed to inform the students/staff before 3-4 day from effective implementation of new schedule.

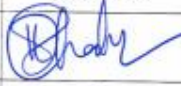
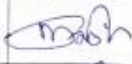











 JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE	Jaipur Engineering college and research Centre, Shri Ram Ki Nangal, via Sitapura RIICO Jaipur- 302 022.	Academic year-2019-2020
--	---	--------------------------------

9. Student's hostel facility feedback: Student's Hostels Feedback forms received from students and summary as follows

Parameters	Responses (in %)		Action taken
	<60	≥60	
To what extent you agree that hostel surroundings are secure.	11.31	88.69	The majority of the students agree with this statement as they find a safe and secure environment in the hostel. Also, this issue has been discussed with campus security in-charge.

Following members were present in the meeting:

Sno.	Name	Designation	Signature
1	Prof (Dr) V K Chandna	Principal & IQAC Chairperson	
2	Dr M P Singh	HOD ME & IQAC Coordinator	
3	Dr Fauzia Siddiqui	Dy-IQAC Coordinator	
4	Dr Bhuvnesh Bhardwaj	Associate professor-Member	
5	Dr Ruchi Mathur	Dean 1st year	
6	Dr Sanjay Gour	HOD-CSE	
7	Dr Sandeep Vyas	HOD-ECE	
8	Dr Prerak Bhardwaj	HOD-EE	
9	Dr O P Netula	HOD-CE	
10	Mr Piyush Gautham	HOD-IT	
11	Dr Neelu Jain	Social Head	
12	Sh Ramesh Rawat	Placement Head	
13	Mr Piyush Gautham	HOD-IT	

S.No	CRITERIA	OBSERVATION MADE BY NBA	COMPLIANCE STATUS (ACTION TAKEN BY INSTITUTION)																
10.1.2	10.1.2 Governing body, administrative setup, functions of various bodies, service rules, recruitment and promotional policies	Administrative bodies are in place but all are not actively functioning; frequency of meeting is limited. Minutes of the meetings are not properly documented and action-taken reports are not available.	<p>The institute governing body (NSERD) regularly meets to discuss various decisions and actions taken are analyzed. All the administrative bodies regularly conduct meetings related to the smooth functioning of various sections and review the process and procedure from time to time.</p> <table border="1"> <thead> <tr> <th>Administrative bodies</th> <th>Frequency of Meeting</th> </tr> </thead> <tbody> <tr> <td>National Society for Engineering Research and Development NSERD(Governing body)</td> <td>Four/Year</td> </tr> <tr> <td>Board of Governors (As per AICTE)</td> <td>One/Year</td> </tr> <tr> <td>Grievance Redressal Committee</td> <td>Two/Year</td> </tr> <tr> <td>Anti Ragging Committee</td> <td>One/Year</td> </tr> <tr> <td>Women Cell Committee</td> <td>Two/Year</td> </tr> <tr> <td>SC/ ST Cell Committee</td> <td>Two/Year</td> </tr> <tr> <td>Discipline committee/ Security committee</td> <td>Twelve /Year</td> </tr> </tbody> </table> <p>Link of Minutes of meetings are attached for you kind consideration.</p>	Administrative bodies	Frequency of Meeting	National Society for Engineering Research and Development NSERD(Governing body)	Four/Year	Board of Governors (As per AICTE)	One/Year	Grievance Redressal Committee	Two/Year	Anti Ragging Committee	One/Year	Women Cell Committee	Two/Year	SC/ ST Cell Committee	Two/Year	Discipline committee/ Security committee	Twelve /Year
Administrative bodies	Frequency of Meeting																		
National Society for Engineering Research and Development NSERD(Governing body)	Four/Year																		
Board of Governors (As per AICTE)	One/Year																		
Grievance Redressal Committee	Two/Year																		
Anti Ragging Committee	One/Year																		
Women Cell Committee	Two/Year																		
SC/ ST Cell Committee	Two/Year																		
Discipline committee/ Security committee	Twelve /Year																		

Administrative Bodies	Link of Minutes of Meetings
National Society for Engineering Research and Development NSERD(Gover	https://www.jecrcfoundation.com/pdf/nserd/NSERD%202019-20%20Final.pdf
	https://www.jecrcfoundation.com/pdf/nserd/NSERD%202018-19%20Final.pdf
	https://www.jecrcfoundation.com/pdf/nserd/NSERD%202016-17%20Final.pdf

ning body)	https://www.jecrcfoundation.com/pdf/nserd/NSERD%202015-16%20Final.pdf
Board of Governors (As per AICTE)	https://www.jecrcfoundation.com/pdf/bog/Governing%20Body%20AICTE%202019-20.pdf
	https://www.jecrcfoundation.com/pdf/bog/Governing%20Body%20AICTE%202018-19.pdf
Grievance Redressal Committee	https://jecrcfoundation.com/jf-data/NBA/Monitiring-committee_proceedings2019_20.pdf
Anti Ragging Committee	https://jecrcfoundation.com/jf-data/NBA/Monitiring-Anti_Ragging_committee.pdf
SC/ ST Cell Committee	https://jecrcfoundation.com/jf-data/NBA/Monitiring-SC_ST_committee.pdf
Discipline committee	https://jecrcfoundation.com/jf-data/NBA/Monitiring-Discipline_committee.pdf
Women Cell Committee	https://jecrndation.com/jf-data/NBA/Monitiring-Women_Cell_committee.pdf

National Society for Engineering Research and Development

Regd. Off. : H-8, Chitrangan Marg, C-Scheme, Jaipur 302 001

Phone - 91-0141-4190000

Minutes of meeting of the Governing Body of National Society for Engineering Research and Development, Jaipur held on 13th April, 2019 at 11:00 am at the registered office of the Society.

The under noted members of the Governing Body were present in the meeting:-

- | | |
|-----------------------|---------------|
| 1. Shri O.P.Agrawal | Chairman |
| 2. Shri M.L.Sharma | Vice-Chairman |
| 3. Shri Arpit Agrawal | Member |
| 4. Shri Vinay Agrawal | Member |
| 5. Shri Ramawtar Jain | Treasurer |
| 6. Shri S.L.Agrawal | Secretary |

Agenda No. 1:- Approval of the minutes: Minutes of the meeting of last Governing Body were read by the Secretary and confirmed.

Agenda No. 2:- Approval of the Budget for the year 2019-20: Secretary submitted the budget for the year 2019-20 and after discussion it was approved.

Agenda No. 3:- Approval of IPR Policy: Draft IPR policy was submitted for the approval, after discussion it was approved.

Agenda No. 4:- NBA Accreditation: Secretary informed that National Board of Accreditation has approved Electronic and Communication Engineering and Mechanical Engineering branch at Jaipur Engineering College and Research Centre, Jaipur. Computer Science & Engineering branch was not accredited. For the autonomy we have to make efforts for getting all the branches accredited. For this Principal may be ask to submit action plan.

Agenda No. 5:- Proposal to setup centre of excellence and industrial relation in Jaipur Engineering College and Research Centre, Jaipur. The issue was discussed and proposal may be asked from the college and be put up in the next meeting.

Agenda No. 6:- Proposal for the International Conference: The issue was discussed and it was decided that Two International Conferences may be planned in the college.

The meeting ended with the vote of thanks to the chair.


Secretary

National Society For Engineering
Research & Development

Reg. No. :- 623/Jaipur/98-99

National Society for Engineering Research and Development

Regd. Off. : H-8, Chitranganj Marg, U-Scheme, Jaipur 302 001

Phone :- 91-0141-4190000

Minutes of meeting of the Governing Body of National Society for Engineering Research and Development, Jaipur held on 09th March, 2019 at 11:00 am at the registered office of the Society.

The under noted members of the Governing Body were present in the meeting:-

- | | |
|-----------------------|---------------|
| 1. Shri O.P.Agrawal | Chairman |
| 2. Shri M.L.Sharma | Vice-Chairman |
| 3. Shri Arpit Agrawal | Member |
| 4. Shri Vinay Agrawal | Member |
| 5. Shri Ramawtar Jain | Treasurer |
| 6. Shri S.L.Agrawal | Secretary |

Agenda No. 1:- Approval of the minutes: Minutes of the meeting of last Governing Body were read by the Secretary and confirmed.

Agenda No. 2:- Review the expenditure against budget allocation: Head wise expenditure was reviewed and extra budget was sanctioned in the heads where it was required.

Agenda No. 3:- Excess infrastructure for session 2019-20: Secretary informed that looking to the same seat matrix no extra infrastructure is required.

The meeting ended with the vote of thanks to the chair.



Secretary

Secretary

National Society For Engineering
Research & Development
JAIPUR

National Society for Engineering Research and Development

Regd. Off. : H-8, Chitrangan Marg, C-Scheme, Jaipur 302 001

Phone - 91-0141-4190000

Minutes of meeting of the Governing Body of National Society for Engineering Research and Development, Jaipur held on 30th November, 2019 at 11:00 am at the registered office of the Society.

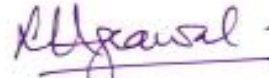
The under noted members of the Governing Body were present in the meeting:-

- | | |
|-----------------------|---------------|
| 1. Shri O.P.Agrawal | Chairman |
| 2. Shri M.L.Sharma | Vice-Chairman |
| 3. Shri Arpit Agrawal | Member |
| 4. Shri Vinay Agrawal | Member |
| 5. Shri Ramawtar Jain | Treasurer |
| 6. Shri S.L.Agrawal | Secretary |

Agenda No. 1:- Approval of the minutes: Minutes of the meeting of last Governing Body were read by the Secretary and confirmed.

Agenda No. 2:- To authorize the office bearer of the NSERD to execute the documents in favor of Tourism Finance Corporation of India Ltd. After discussion it was resolved.

(a) That in consideration of Tourism Finance Corporation of India Ltd.(TFCI") (hereinafter called "the Lender") having agreed to advance/ advanced Rupee Term Loan amounting to Rs.70 Crores (Rupees seventy Crores only) (hereinafter called "the said Term Loan") on the terms and conditions contained in the Letter of Intent No.TF/PR/1994/2019/7127 dated 26th November 2019 issued by TFCI to JECRC University (hereinafter called "the Borrower") and in further consideration of the Lenders having agreed to make/made disbursement(s)/interim disbursement(s) from out of the said Term Loan and/or to grant and disburse Bridge Loan/s for an amount not exceeding the amount of the said Term Loan to the Borrower, the NSERD (Society) do execute in favor of the Lender loan agreement as co-borrower &a Guarantee, guaranteeing the repayment of the said Term Loan/Bridge Loan(s) plus interest, Front-end fees, costs, charges and all other moneys payable by the Borrower to the Lender in terms of the Loan Agreement between the Borrower and the Lender and undertakings for non-withdrawal of loans/deposits made by the NSERD Society to the Borrower.



Secretary

National Society For Engineering
Research & Development
JAIPUR

National Society for Engineering Research and Development

Regd. Off. : H-8, Chitranganj Marg, C-Scheme, Jaipur 302 001

Phone - 91-0141-4190000

- 2 -

{b} That the Standard form of the Loan Agreement & Deed of Guarantee received from the Lender/Borrower (copies whereof duly authenticated by the Chairman of the Board have been circulated to the Members of the Board) be and is hereby approved and any one of the following Members, namely Amit Agarwal and Arpit Agarwal be and is hereby severally authorized to accept on behalf of the University such modifications therein as may be acceptable to the Lender.

{c} That the Seal of the NSERD Society be affixed to the fair stamped engrossment of the Loan Agreement & Deed of Guarantee (as per the said standard form with such modifications as may be agreed to by the Lenders) in the presence of Shri OP Agrawal, Chairman and Secretary Shri S.L. Agrawal (Secretary), who shall sign the same in token thereof.

{d} That Shri O P Agrawal, Chairman and Shri S L Agrawal, Secretary of NSERD Society be and are hereby authorized to execute or cause to be executed all undertakings, deeds, instruments, and other writings in favor of the Lender as may be required by the Lender in connection with the said Term Loan/ Bridge Loan(s) and any interim disbursement(s) made/to be made by the Lender out of the said Term Loan from time to time."

{e} That the guarantee/undertakings to be furnished by NSERD Society in favor of the Lenders are subject to jurisdiction of Courts in India.

Agenda No. 3:- To authorize the office bearer of the NSERD to execute the documents of JECRC University in favor of Tourism Finance Corporation of India Ltd..

The Chairman informed that University has been sanctioned, inter-alia, financial assistance by way of Term Loan of Rs.7000 lakhs by Tourism Finance Corporation of India Ltd. (TFCI) towards refinancing of existing outstanding term loans of Bank of India, State Bank of India, Corporation Bank and Dena Bank availed for construction of the University at Jaipur and repayment of unsecured loans. The Chairman further informed that the above financial assistance will be secured inter-alia, by registered mortgage in respect of the University's -

LEASEHOLD RIGHTS on all that pieces and parcels of land admeasuring 1,29,070 sq. mtrs. bearing Plot No. IS-2036 to IS-2039 and being, lying and situated at RIICO Industrial Area, Ramachandrapura (Sitapura Extn.), Jaipur and bounded on the -


Secretary

National Society for Engineering Research and Development

Regd. Off. : H-8, Chitrangan Marg, C-Scheme, Jaipur 302 001

Phone - 91-0141-4190000

- 3 -

North by - 60 Mtrs. Road
South by - 06 Mtrs. Road
East by - 30 Mtrs. Road
West by - 24 Mtrs. Road

Together with buildings, structures, etc. constructed/to be constructed thereon, both present and future, and within the jurisdiction of Sub-Registrar of Assurances, Jaipur-V, in the Registration District Jaipur, in the State of Rajasthan. The Chairman, therefore, requested to pass the following resolutions which after some discussions were passed:

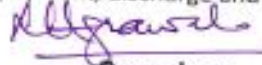
"RESOLVED THAT -

(1) The University do create mortgage in favor of Tourism Finance Corporation of India Ltd. (TFCI) to secure term loan of Rs.70 crores (Rupees seventy crores only) granted by executing the Indenture of mortgage as Co-Mortgagor with National Society For Engineering Research And Development (Society) and causing the same to be registered in the concerned office of sub-registrar of assurances at Jaipur in order to create security by way of mortgage on the University's-

LEASEHOLD RIGHTS on all that pieces and parcels of land admeasuring 1,29,070 sq.mtrs. bearing Plot No.IS-2036 to IS-2039 and being, lying and situated at RIICO Industrial Area, Ramachandrapura (Sitapura Extn.), Jaipur and bounded on the -

North by - 60 Mtrs. Road
South by - 06 Mtrs. Road
East by - 30 Mtrs. Road
West by - 24 Mtrs. Road

Together with buildings, structures, etc. constructed/to be constructed thereon, both present and future, and within the jurisdiction of Sub-Registrar of Assurances, Jaipur-V, in the Registration District Jaipur, in the State of Rajasthan (hereinafter referred to as "the said immovable properties") to secure the due repayment, discharge and


Secretary

National Society for Engineering Research and Development

Regd. Off. : H-8, Chitranjan Marg, C-Scheme, Jaipur 302 001

Phone - 91-0141-4190000

Minutes of meeting of the Governing Body of National Society for Engineering Research and Development, Jaipur held on 30th September, 2019 at 11:00 am at the registered office of the Society.

The under noted members of the Governing Body were present in the meeting:-

1. Shri O.P.Agrawal	Chairman
2. Shri M.L.Sharma	Vice-Chairman
3. Shri Arpit Agrawal	Member
4. Shri Vinay Agrawal	Member
5. Shri Ramawtar Jain	Treasurer
6. Shri S.L.Agrawal	Secretary

Agenda No. 1:- Approval of the minutes: Minutes of the meeting of last Governing Body were read by the Secretary and confirmed.

Agenda No. 2:- Faculty Review: Secretary presented the faculty status for each department with qualification of faculty. Most of the faculties are not Ph.D. Faculty may be motivated for getting enrolled for Ph.D.

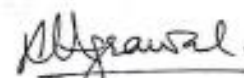
Agenda No. 3:- Resolved that Shri S. L. Agrawal Secretary, National Society for Engineering Research and Development, Jaipur is authorized to execute and sign all documents relating to any property, deal, new telephone /mobile connections of any company including Airtel etc on behalf of this Society.

Agenda No. 4:- Proposal to setup centre of excellence and industrial relation in Jaipur Engineering College and Research Centre, Jaipur was discussed in previous meeting. Secretary has submitted the detail plan after discussion it was approved.

Agenda No. 5:- Status of Startups and Innovations: The status of Startups and Innovations was submitted by the Secretary, after discussion it was decided that Principal may be asked to improve the status.

Principal presented the formation of IQAC committee, minutes of its first meeting and the same was discussed and approved.

The meeting ended with the vote of thanks to the chair.


Secretary

<u>S.No</u>	<u>CRITERIA</u>	<u>OBSERVATION MADE BY NBA</u>	<u>COMPLIANCE STATUS (ACTION TAKEN BY INSTITUTION)</u>
10.1.3	10.1.3 Decentralisation in working and grievance redressal mechanism	Grievance redressal cell exists, but adequate evidences of action taken are not shown and it is still in the process of development.	Grievance form is available on the website www.jecrcfoundation.com . The grievance form is forwarded to concerned section to take action and action taken report thus submitted within stipulated time for the closure of grievance and finally information about the action taken is communicated to the individual who has put up the grievance.

Academic Year	Link of Minutes of meeting
2019-20	https://jecrcfoundation.com/jf-data/NBA/Grievance-2019-20.pdf
2017-18	https://jecrcfoundation.com/jf-data/NBA/Grievance-and-Redressal-committee-Proceedings-2017-18.pdf
2018-19	https://jecrcfoundation.com/jf-data/NBA/Grievance-and-Redressal-committee-Proceedings-2018-19.pdf
2019-20	https://jecrcfoundation.com/jf-data/NBA/Grievance-and-Redressal-committee-Proceedings-2019-20.pdf
2020-21	https://jecrcfoundation.com/jf-data/NBA/Grievance-and-Redressal-committee-Proceedings-2020-21.pdf

38/JECRC/2020
02/03/2020
02/03/2020

Jaipur Engineering College and Research centre

Grievance Form

Title of Grievance: Defective Ceiling Fans in Boys' Hostel I

Complainant Name	Department	Date	Sign
Defective Ceiling Fan Room No. 2, 3, 4, 5, 6, 7, 8, 9	BH-1	29-02-20	<i>[Signature]</i> 29/02/20

6 Fans

Submitted to	Department	Date	Signature	Action Taken*	Signature
C.A.O Sir	BH-1	29/02/20	<i>[Signature]</i> 29/02/20	Priority action recommended	<i>[Signature]</i> 28-2-2020
Estate Engineer					

*Separate sheet may be attached as annexure if the space provided is insufficient

Complainant Name	Department	Date	Remarks

Sl. Jagan...
Pl. get it checked
and return. *[Signature]*
02/03/20

Report Submitted to Principal /Registrar for remarks:

6 Fans repaired
Vagendra
13/3/2020

Principal / Registrar

Jaipur Engineering College & Research Centre

From : Grievance Committee

To : All Members

Noting Reference No. JECRC/GRC/2020/13

04/01/20

Meeting Notice

There is a meeting of Grievance and Redressal committee on January 25, 2020 in the Conference Room Block A at 11:30 AM to discuss the issues related to Grievances in the last six months. Following members are requested to kindly make it convenient to attend and present the information and data related to their sections –

1. Shri Manish Jain – Chair
2. Dr. M.P. Singh – Member
3. Dr. Ruchi Mathur – Member
4. Dr. Sandeep Vyas – Member
5. Shri P.K. Gupta – Member
6. Dr. Vinay Kumar Chandna – I/c Anti-Ragging Committee and Ragging Squad Committee
7. Dr. Barkha Srivastava – I/c Women Cell Committee
8. Dr. Sanjay Gaur – I/c Student Disciplinary Council Committee
9. Dr. Nilam Choudhary – I/c Schedule Cast & Schedule Tribes Committee

Agenda

1. Chair will share all the details related to complaint or grievances received in the last six months.
2. Invited incharge of Anti-Ragging Committee and Ragging Squad Committee will share all the details related to complaint or grievances received in the last six months.
3. Invited incharge of Women Cell Committee will share all the details related to complaint or grievances received in the last six months.
4. Invited incharge of Student Disciplinary Council Committee will share all the details related to complaint or grievances received in the last six months.
5. Invited incharge of Schedule Cast & Schedule Tribes Committee will share all the details related to complaint or grievances received in the last six months.
6. Grievances and redressal committee incharge will submit the report of complaint received in last six months.
7. Any other issues


PRINCIPAL

Copy to-

1. Vice Chairman
2. Director
3. All concerned
4. Shri Tovinder Sahoo – for necessary arrangements in the conference room



JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

Ref: JEEEC/KRC/2019/12

Date: 01/08/2019

Minutes of Meeting

Venue : Conference Room, Block A
Date & Time : Wednesday July 31, 2019 at 11:30 AM

Agenda :

1. Chair will share all the details related to complaint received or grievance received in the last six months.
2. Invited incharge of Anti-Ragging Committee and Ragging Squad Committee will share all the details related to complaint received or grievance received in the last six months.
3. Invited incharge of Women Cell Committee will share all the details related to complaint received or grievance received in the last six months.
4. Invited incharge of Student Disciplinary Council Committee will share all the details related to complaint received or grievance received in the last six months.
5. Invited incharge of Schedule Cast & Schedule Tribes Committee will share all the details related to complaint or grievances received in the last six months.
6. Grievances and redressal committee incharge will submit the report of complaint received in last six months.
7. Any other issues

Members Present :

1. Shri Manish Jain – Chair
2. Dr. M.P. Singh – Member
3. Dr. Ruchi Mathur – Member
4. Dr. Sandeep Vyas – Member
5. Shri P.K. Gupta – Member
6. Dr. Vinay Kumar Chandna – I/c Anti-Ragging Committee and Ragging Squad Committee
7. Dr. Barkha Srivastava – I/c Women Cell Committee
8. Dr. Sanjay Gaur – I/c Student Disciplinary Council Committee
9. Dr. Nilam Choudhary – I/c Schedule Cast & Schedule Tribes Committee

Manish Jain ..2/-

Following items were discussed and decided that –

1. Chair of Student Grievance / Redressal Committee welcome all the members from the committee and invited members of Anti-Ragging Committee and Ragging Squad Committee, Women Cell Committee, Student Disciplinary Council Committee, Schedule cast & Schedule Tribes Committee.
2. Minutes of meeting of last meeting were read and confirmed.
3. Discussion was held with all the incharges of the respective committees related to measures taken in the last six months to curve ragging, harassment or any other related issues with respect to the students and the faculty members. Respective incharges informed that there is no such particular grievance with respect to the Ragging, Gender harassment redressal or category based redressal.
4. Incharges also told that faculty members are also discussed at various platforms through internal and external agencies.
5. It was also discussed some grievances reported in the last six months and the disposal are taken care of.

S. No.	Activity	Total forms received	Resolved	Total pending
1	Student Grievances	0	0	0
2	Maintenance	21	19	2

6. It was also discussed that the pending grievances may be address at early possible to take necessary action in this regard.
7. Meeting ended with a vote of thanks to the Chair.

Moulisha J.

Ref: JEERC/GRC/2019/11

Date: 31/07/19

Meeting

Date of Meeting : July 31, 2019 at 11:30 AM
 Venue : Conference Room Block A

Following were present in the meeting of Grievance and Redressal committee –

S. No.	Name	Designation	Signature
1	Shri Manish Jain	Chair	
2	Shri P.K. Gupta	Member	
3	Dr. M.P. Singh	Member	
4	Dr. Ruchi Mathur	Member	
5	Dr. Sandeep Vyas	Member	
6	Dr. Vinay Kumar Chandna	I/c Anti-Ragging Committee and Ragging Squad Committee	
7	Dr. Barkha Srivastava	I/c Women Cell Committee	
8	Dr. Sanjay Gaur	I/c Student Disciplinary Council Committee	
9	Dr. Nilam Choudhary	I/c Schedule Cast & Schedule Tribes Committee	

<u>S.No</u>	<u>CRITERIA</u>	<u>OBSERVATION MADE BY NBA</u>	<u>COMPLIANCE STATUS (ACTION TAKEN BY INSTITUTION)</u>
10.1.4	10.1.4 Delegation of financial powers	The financial powers in respect of HoDs are limited in terms of imprest amount only.	Imprest amount of Rs. 10000/- on consumption basis provided to HOD and after submission of accounts of expenditure another imprest amount is provided to HOD.

Jaipur Engineering College & Research Centre

From : Principal Office

To : All Program Coordinators/HODs

Noting Reference No. JECRC/02/2017-18/269

29/05/18

Minutes of the Meeting

Venue : Board Room – Block A

Date & Time Wednesday; May 30, 2018 at 11:00 AM

Agenda

1. Confirmation of minutes of the last meeting during 2015-16
2. Annual report of the College for the academic year 2016-17
3. Annual report of the College for the academic year 2017-18
4. Proposed activities for the new academic year 2018-19
5. Any other issues with the permission of the Chair

Special invited Guest:

1. Shri Amit Agrawal, Special invited Guest

Members Present:

1. Shri M.L. Sharma, Chairman
2. Prof. (Dr.) V.K. Chandna, Member Secretary
3. Shri Manish Jain, Member
4. Dr. Umesh Kumar Pareek, Member
5. Dr. Naveen Hemrajani, Invited from other University
6. Dr. Sylvester Fernandes, Member (Invitees)
7. Shri Rajeev Bhargava, Member (Invitees)

Members absent:

1. Dr. Rajesh Singhal, Member (RTU Kota)
2. Nominee from the AICTE
3. Nominee of the state Govt./UT.
4. An Industrialist nominated by the State Govt.
5. Shri Deepak Motwani, Member (Invitees)
6. Shri Atul Kumar, Member (Invitees)

V. @ [Signature] 29/5/18

Contd. 2/-


Meeting started at 11:00 AM; following items were discussed –

1. With the permission of the Chair, Dr. Vinay Kumar Chandna, Member Secretary welcomes all the dignitaries.
2. He read the last minutes of the meeting and further it was approved by the members unanimously.
3. He presents the annual report of the year 2016-17 and 2017-18, following items were discussed –
 - a. Vision and Mission of the institute
 - b. 12 points Program outcome
 - c. Decentralization of power – institute's organization chart was discussed. He informed that an amount of Rs. 10,000/- is sanctioned to all the Program Coordinators/HODs, Dean II Shift, Dean I year, all section incharges to meet out the immediate requirement of the fund. He also clears that on the submission of account further amount is disbursed.
 - d. Students' result analysis
 - e. For the placement data; it was made clear that placement percentage is based on unique offers. The data of higher education, engaged with family business, startups etc. will be included later.
 - f. Nine MoUs at National level and two MoUs at International level were signed to enhance the students' technical knowledge as per the market requirements. Shri Rajeev Bhargava suggested that we should adopt a process in which these certified courses should be validated by the MSME / University. These certificate courses may be examined by the university if possible it can be from JECRC University. Member secretary has noted the same for further action.
 - g. Content beyond syllabus was discussed. Shri Manish Jain informed the members about the duration of the course. Member secretary informed that these courses are running after the college hours. Students are taking interest in these courses.
 - h. Research Grants from the Govt. agencies and also proposed FDP/workshop/Seminar during the 2018-19 was discussed in brief. Member secretary informed that proposal of approx. 70 lacs were submitted to the Govt. agencies for conducting the different activities.
 - i. Budget and expenditure discussed in brief. Member secretary made clear that "other than R&D" means academic activities, it is not included research related activities. Shri Amit ji appreciated the R&D activities he pointed out that in the year 2015-16 budget was Rs. 2,50,000/- and in the year 2018-19 (proposed) it rose to Rs. 20,00,000/- it shows that students are taking interest in R&D activities.
 - j. QIV rating 2016-17 and 2017-18 was discussed. In the year 2016-17 the score was 616/1000 and after efforts this year it rose to 740/1000. Shri Amit Agrawal asked what is the highest marks so far, member secretary replied it will be checked out.

V. P. Chaudhary 28/1/18

<u>S.No</u>	<u>CRITERIA</u>	<u>OBSERVATION MADE BY NBA</u>	<u>COMPLIANCE STATUS (ACTION TAKEN BY INSTITUTION)</u>
10.1.5	10.1.5 Transparency and availability of correct/unambi- guous information in public domain	Faculty & student information not available on the college website.	List of faculty members and students are available on website. Links are provided for your kind consideration.

Academic Year	Link of Faculty and students
Faculty list 2020-21	https://jecrcfoundation.com/mechanical-engineering/faculty
Student list 2018-19 (I Year)	https://jecrcfoundation.com/jf-data/NBA/Student-List/2018-19/First-Year.pdf
Student list 2018-19 (II Year)	https://jecrcfoundation.com/jf-data/NBA/Student-List/2018-19/Second-Year.pdf
Student list 2018-19 (III Year)	https://jecrcfoundation.com/jf-data/NBA/Student-List/2018-19/Third-Year.pdf
Student list 2018-19 (IV Year)	https://jecrcfoundation.com/jf-data/NBA/Student-List/2018-19/Fourth-Year.pdf
Student list 2019-20 (I Year)	https://jecrcfoundation.com/jf-data/NBA/Student-List/2019-20/First-Year.pdf
Student list 2019-20 (II Year)	https://jecrcfoundation.com/jf-data/NBA/Student-List/2019-20/Second-Year.pdf
Student list 2019-20 (III Year)	https://jecrcfoundation.com/jf-data/NBA/Student-List/2019-20/Third-Year.pdf
Student list 2019-20 (IV Year)	https://jecrcfoundation.com/jf-data/NBA/Student-List/2019-20/Fourth-Year.pdf

<u>S.No</u>	<u>CRITERIA</u>	<u>OBSERVATION MADE BY NBA</u>	<u>COMPLIANCE STATUS (ACTION TAKEN BY INSTITUTION)</u>
10.2	<p>Budget Allocation, Utilisation, and Public Accounting at Institute level</p>	<p>Apart from fees, the receipts include hostel and transport facilities</p>	<p>Separate hostel and transport facilities fees receipts are given to students.</p> 

10.2.1	<p>10.2.1 Adequacy of Budget allocation</p>	<p>Inadequate budget allocation; arbitrary allocations and no proper justifications was made</p>	<p>As affiliated to Rajasthan Technical university and twenty year old college, mostly budget included maintenance and spare. As per new facility is concern, separate budget of Rs Ten lakh is provided for research facility at the department. Budget allocation for attending conferences, budget for start-up and incubation centre are allocated and utilized according to financial assistance. Budget proposals are submitted from the program coordinators, event coordinators, and others under different heads. Budget is allocated in different heads. Audited budget is attached for your kind consideration.</p>
--------	--	--	--

Items	Link of audited Budget statement
Infrastructure	https://jecrcfoundation.com/jf-data/NBA/infrastructure-budget.pdf
Maintenance	https://jecrcfoundation.com/jf-data/NBA/maintenance-Budget.pdf
library	https://jecrcfoundation.com/jf-data/NBA/library%20expenses.pdf

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE
DEPRECIATION CHART AS ON 31.03.2019

Schedule 5

ASSETS	Gross Block				As on 31.03.2019	Rate of Dep.	Depreciation			Net Block		
	As on 01.04.2018	Additions		Deductions			Upto 31.03.2018	Dep for the year	Written Back	Depreciation upto 31.03.2019	As on 31.03.2019	As on 31.03.2018
		More than 180 Days	Less than 180 Days									
Building	58,84,84,073.49	2,19,709.00	62,30,338.00		59,49,44,208.49	3.34%	7,45,32,830.31	1,97,87,080.00	9,42,99,920.31	50,06,44,288.18	51,39,81,243.18	
Land	16,86,34,611.62				16,86,34,611.62	0.00%				16,86,34,611.62	16,86,34,611.62	
Land Consolidation	21,00,77,336.00				21,00,77,336.00	0.00%				21,00,77,336.00	21,00,77,336.00	
Computer	2,84,98,005.83	7,49,583.00	8,25,925.00		3,90,71,513.83	16.21%	2,84,96,005.83	15,75,508.00	3,00,71,513.83			
Furniture	3,67,48,038.12	12,86,883.00	14,26,886.00		3,94,61,607.12	6.33%	1,35,49,178.73	24,52,758.00	1,60,01,936.73	2,34,59,668.39	2,31,98,658.39	
Other Assets	6,04,11,972.38	84,31,000.00	4,84,593.00		9,93,27,555.38	4.75%	1,91,88,002.53	32,81,550.00	2,24,69,552.53	4,88,58,012.83	4,12,23,969.83	
Vehicle	2,02,33,053.57				2,02,33,053.57	9.50%	1,18,00,233.22	19,22,140.00	1,38,12,373.22	64,20,680.35	83,42,820.35	
Bus	1,52,97,882.06				1,52,97,882.06	9.50%	1,13,08,126.40	14,53,297.00	1,27,61,422.40	25,36,439.66	39,89,736.66	
TOTAL	1,12,83,92,953.06	1,06,87,065.00	89,67,740.00		1,14,80,47,758.05		15,89,64,377.02	3,04,52,344.00	18,94,16,721.02	95,85,31,037.03	96,94,28,576.03	

For Jaipur Engineering College & Research Centre

President

For Jaipur Engineering College
And Research Centre

Accounts Officer



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE
DEPRECIATION CHART AS ON 31.03.2020

Schedule 5

ASSETS	Gross Block				Rate of Dep.	Depreciation			Net Block			
	As on 01.04.2019	Additions		Deductions		As on 31.03.2020	Upto 31.03.2019	Dep for the year	Written Back	Depreciation upto 31.03.2020	As on 31.03.2020	As on 31.03.201
		More than 180 Days	Less than 180 Days									
Building	59,49,44,208.49	1,19,153.00	46,211.00		59,51,09,572.49	3.34%	9,42,99,920.31	1,98,75,888.00		11,41,75,808.31	48,09,33,764.18	50,06,44,288.1
Land	16,86,34,611.62				16,86,34,611.62	0.00%	-	-		-	16,86,34,611.62	16,86,34,611.6
Land Consolidation	21,00,77,336.00				21,00,77,336.00	0.00%					21,00,77,336.00	21,00,77,336.0
Computer	3,00,71,513.83				3,00,71,513.83	16.21%	3,00,71,513.83			3,00,71,513.83	-	-
Furniture	3,94,61,607.12	2,71,956.00	35,282.00		3,97,68,645.12	6.33%	1,60,01,938.73	25,16,251.00		1,85,18,189.73	2,12,50,655.39	2,34,59,668.3
Other Assets	6,93,27,565.36	4,19,863.00	3,62,609.00		7,01,10,037.36	4.76%	2,24,69,662.53	33,21,615.00		2,57,91,167.53	4,43,18,869.83	4,68,58,012.8
Vehicle	2,02,33,053.57				2,02,33,053.57	9.50%	1,38,12,373.22	19,22,140.00		1,57,34,513.22	44,98,540.35	64,20,680.3
Bus	1,52,97,862.06				1,52,97,862.06	9.50%	1,27,61,422.40	14,53,297.00		1,42,14,719.40	10,83,142.66	25,36,439.6
TOTAL	1,14,80,47,758.05	8,10,972.00	4,44,102.00		1,14,93,02,832.05		18,94,16,721.02	2,90,89,191.00		21,85,05,912.02	93,07,96,920.03	95,86,31,037.0

For Jaipur Engineering College
And Research Centre
[Signature]
Accounts Officer

For Jaipur Engineering College & Research Centre
[Signature]
Chairman

Photocopy attached
[Signature]



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Year	Budget allocated for infrastructure augmentation	Expenditure for infrastructure augmentation	Total expenditure excluding Salary	Expenditure on maintenance of academic facilities (excluding salary for human resources)	Expenditure on maintenance of physical facilities (excluding salary for human resources)
2019-2020	20,00,000.00	12,55,074.00	25,50,88,527.82	14,57,094.00	31,44,757.00
2018-2019	2,00,00,000.00	1,96,54,805.00	26,78,06,984.63	13,38,938.00	46,82,137.00
2017-2018	3,00,00,000.00	3,04,40,473.00	27,49,26,915.79	13,56,535.00	32,98,661.00
2016-2017	10,50,00,000.00	10,43,67,912.00	23,36,91,762.43	11,26,487.00	50,87,369.00
2015-2016	1,50,00,000.00	1,40,84,773.00	18,80,68,911.15	10,14,006.00	38,28,578.00
2014-2015	50,00,000.00	65,32,079.00	16,01,03,616.30	11,86,962.00	60,10,724.00

For Jaipur Engineering College
And Research Centre

S. Anand
Accounts/Finance Officer

[Signature]
Chartered Accountant



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Income and Expenditure A/c as on 31.03.2020

Particulars	Amount	Particulars	Amount
To Affiliation Fee	11,82,000.00	By Annual Fee	28,60,75,981.49
To Conference Expenses	3,14,414.00	By Bus Fee	1,31,32,900.00
To Consultancy Expenses	46,800.00	By Hostel Fee	9,72,05,166.00
To Cultural & Placement Expenses	22,41,573.00	By Donation Received	1,00,00,000.00
To Electricity Expenses	50,89,153.06	By Misc Income	45,41,479.50
To Financial Charges	12,46,23,082.01	By Interest Received	1,80,324.00
To Hostel Expenses	2,15,49,875.00	By Excess of Expenditure over Income	32,84,695.83
To Office Expenses	16,74,645.00		
To Other Administrative Expenses	9,92,651.03		
To Repair & Maintenance	31,44,757.00		
To Repair & Maintenance Expenses (Vehicle)	18,79,644.00		
To Salary Expenses	15,93,31,999.00		
To Bus Running Expenses	46,97,556.78		
To Conveyance Exp	11,56,013.44		
To Depreciation	2,90,89,191.00		
To Diesel For Generator	4,41,146.50		
To Insurance Exp	10,29,542.00		
To Interest on TDS	18,10,672.00		
To Internet Exp	9,75,121.00		
To Laboratory Expenses	2,01,182.00		
To Library Expenses	2,80,791.00		
To PF Demand	2,69,840.00		
To Scholarship	4,85,00,155.00		
To Security Expenses	24,58,365.00		
To Sports Expenses	30,636.00		
To Staff welfare	6,30,920.00		
To Student Expenses	1,04,630.00		
To Travelling Exp	5,98,944.00		
To Uniform Expenses	18,500.00		
To Website Development Exp	56,328.00		
	41,44,20,526.82		41,44,20,526.82

For Jaipur Engineering College and Research Centre

For Jaipur Engineering College & Research Centre

O. P. AGRAWAL
(Chairman)

Chairman

Place: Jaipur
Date: 30.12.2020

For Jaipur Engineering College
And Research Centre

Accounts Officer

As per our audit report of even date
For Vimal Agarwal & Associates
(Chartered Accountants)

FRN: 004187C

(Vimal Agarwal)
Partner
M. No.: 071627



Photocopy attached



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Profit & Loss A/c as on 31.03.2019

Particulars	Amount	Particulars	Amount
To Affiliation Fee	17,12,000.00	By Annual Fee	29,19,68,746.77
To Conference Expenses	5,93,129.80	By Bus Fee	1,30,46,700.00
To Consultancy Expenses	6,43,700.00	By Hostel Fee	9,69,66,670.00
To Cultural & Placement Expenses	31,78,088.12	By Insurance Claim Received	84,057.50
To Financial Charges	17,50,48,344.45	By Interest Received	3,79,413.87
To Hostel Expenses	1,96,05,886.38	By Misc Income	28,61,495.50
To Office Expenses	15,94,158.27		
To Other Administrative Expenses	6,04,515.00		
To Repair & Maintenance Expenses (Vehicle)	15,48,819.00		
To Salary Expenses	12,48,05,675.00		
To Bus Running Expenses	39,31,066.26		
To Convoynance Exp	8,08,572.41		
To Depreciation	3,04,62,344.00		
To Diesel For Generator	4,01,600.00		
To Electricity Expenses	74,13,365.94		
To Insurance Exp	9,25,004.00		
To Interest on TDS	19,79,874.00		
To Internet Exp	9,73,342.00		
To Lab Expenses	1,58,652.00		
To Library Expenses	2,06,944.00		
To PF Demand	9,01,573.00		
To Repair & Maintenance	46,82,137.00		
To Scholarship	70,24,856.00		
To Security Expenses	22,97,038.00		
To Sports Expenses	17,010.00		
To Staffwelfare	2,58,427.00		
To Student Expenses	1,88,000.00		
To Students Project	85,000.00		
To Travelling Exp	2,58,509.00		
To UD Tax	62,843.00		
To Uniform Expenses	2,06,800.00		
To Website Development Exp	45,056.00		
To Excess Of Income Over Expenditure	1,56,94,424.01		
	40,83,07,083.64		40,83,07,083.64

For Jaipur Engineering College and Research Centre
For Jaipur Engineering College & Research Centre

O. P. AGRAWAL
(Chairman)

Place: Jaipur
Date: 23.10.2019

For Jaipur Engineering College
And Research Centre
Accounts Officer

As per our audit report of even date
For Vimal Agarwal & Associates
(Chartered Accountants)
FRN: 004187C

(Vimal Agarwal)
Partner
M. No.: 071627



S.No	CRITERIA	OBSERVATION MADE BY NBA	COMPLIANCE STATUS (ACTION TAKEN BY INSTITUTION)
10.2.2	10.2.2 Utilization of allocated funds	Poor budget utilization	As affiliated to Rajasthan Technical university and twenty year old college, mostly budget included maintenance and spare. As per new facility is concern, separate budget of Rs Ten lakh is provided for research facility at the department. Budget allocation for attending conferences, budget for start-up and incubation centre are allocated and utilized according to financial assistance. Audited budget is attached for your kind consideration. https://www.jecrcfoundation.com/n

		aacdata/Criteria%206/6.3.2/6.3.2%20Data%20template%20WEB.pdf
Items	Link of audited Budget statement	
Infrastructure	https://jecrcfoundation.com/jf-data/NBA/infrastucture-budget.pdf	
Maintenance	https://jecrcfoundation.com/jf-data/NBA/maintenance-Budget.pdf	
library	https://jecrcfoundation.com/jf-data/NBA/library%20expenses.pdf	

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE
DEPRECIATION CHART AS ON 31.03.2019

Schedule 8

ASSETS	Gross Block				Rate of Dep.	Depreciation				Net Block		
	As on 01.04.2018	Additions		Deductions		As on 31.03.2019	Upto 31.03.2018	Dep for the year	Written Back	Depreciation upto 31.03.2019	As on 31.03.2019	As on 31.03.2018
		More than 180 Days	Less than 180 Days									
Building	56,64,04,073.49	2,19,769.00	62,30,336.00		59,48,44,208.49	3.34%	7,45,32,830.31	1,97,67,090.00		9,42,99,920.31	50,06,44,288.18	51,39,61,243.18
Land	16,86,34,611.62				16,86,34,611.62	0.00%	-	-		-	16,86,34,611.62	16,86,34,611.62
Land Consolidation	21,00,77,336.00				21,00,77,336.00	0.00%					21,00,77,336.00	21,00,77,336.00
Computer	2,84,96,005.83	7,40,583.00	8,25,925.00		3,00,71,513.83	16.21%	2,84,96,005.83	15,75,508.00		3,00,71,513.83	-	-
Furniture	3,67,48,038.12	12,86,693.00	14,26,886.00		3,94,61,607.12	6.33%	1,35,49,179.73	24,52,759.00		1,00,01,938.73	2,34,59,668.39	2,31,98,858.39
Other Assets	6,04,11,972.98	84,31,000.00	4,84,593.00		6,93,27,565.36	4.75%	1,91,88,002.53	32,81,550.00		2,24,09,552.53	4,68,58,012.83	4,12,23,969.83
Vehicle	2,02,33,053.57				2,02,33,053.57	9.50%	1,18,80,233.22	19,22,140.00		1,38,12,373.22	64,20,680.35	83,42,820.35
Bus	1,52,97,882.06				1,52,97,882.06	9.50%	1,13,08,125.40	14,53,297.00		1,27,61,422.40	25,36,439.66	39,89,736.66
TOTAL	1,12,83,92,963.05	1,06,87,065.00	89,67,740.00		1,14,80,47,758.05		15,89,64,377.02	3,04,52,344.00		18,94,16,721.02	85,86,31,037.03	86,94,28,576.03

For Jaipur Engineering College & Research Centre

[Signature]
President

For Jaipur Engineering College
And Research Centre

[Signature]
Accounts Officer

[Signature]
JAIPUR ENGINEERING COLLEGE & RESEARCH CENTRE
JAIPUR



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Income and Expenditure A/c as on 31.03.2020

Particulars	Amount	Particulars	Amount
To Affiliation Fee	11,82,000.00	By Annual Fee	28,60,75,961.49
To Conference Expenses	3,14,414.00	By Bus Fee	1,31,32,900.00
To Consultancy Expenses	46,800.00	By Hostel Fee	9,72,05,166.00
To Cultural & Placement Expenses	22,41,573.00	By Donation Received	1,00,00,000.00
To Electricity Expenses	50,89,153.06	By Misc Income	45,41,479.50
To Financial Charges	12,46,23,032.01	By Interest Received	1,80,324.00
To Hostel Expenses	2,15,49,875.00	By Excess of Expenditure over Income	32,84,695.83
To Office Expenses	16,74,645.00		
To Other Administrative Expenses	9,92,651.03		
To Repair & Maintenance	31,44,757.00		
To Repair & Maintenance Expenses (Vehicle)	18,79,644.00		
To Salary Expenses	15,93,31,999.00		
To Bus Running Expenses	46,97,556.78		
To Conveyance Exp	11,56,013.44		
To Depreciation	2,90,89,191.00		
To Diesel For Generator	4,41,146.50		
To Insurance Exp	10,29,542.00		
To Interest on TDS	18,10,672.00		
To Internet Exp	9,75,121.00		
To Laboratory Expenses	2,01,182.00		
To Library Expenses	2,80,791.00		
To PF Demand	2,89,840.00		
To Scholarship	4,85,00,155.00		
To Security Expenses	24,58,365.00		
To Sports Expenses	30,636.00		
To Staff Welfare	6,30,920.00		
To Student Expenses	1,04,630.00		
To Travelling Exp	5,98,944.00		
To Uniform Expenses	18,500.00		
To Website Development Exp	56,328.00		
	41,44,20,526.82		41,44,20,526.82

For Jaipur Engineering College and Research Centre

For Jaipur Engineering College & Research Centre

O. P. AGRAWAL
(Chairman)

Chairman

As per our audit report of even date
For Vimal Agarwal & Associates
(Chartered Accountants)
FRN: 004187C

(Vimal Agarwal)
Partner
M. No.: 071627



Place: Jaipur
Date: 30.12.2020

For Jaipur Engineering College
And Research Centre.

General
Accounts Officer

Photocopy attached



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Profit & Loss A/c as on 31.03.2019

Particulars	Amount	Particulars	Amount
To Affiliation Fee	17,12,000.00	By Annual Fee	29,19,68,746.77
To Conference Expenses	5,93,129.80	By Bus Fee	1,30,46,700.00
To Consultancy Expenses	6,43,700.00	By Hostel Fee	9,69,66,670.00
To Cultural & Placement Expenses	31,78,088.12	By Insurance Claim Received	84,057.50
To Financial Charges	17,50,48,344.45	By Interest Received	3,79,413.87
To Hostel Expenses	1,96,05,886.38	By Misc Income	28,61,495.50
To Office Expenses	15,94,158.27		
To Other Administrative Expenses	8,94,515.00		
To Repair & Maintenance Expenses (Vehicle)	15,48,819.00		
To Salary Expenses	12,48,05,675.00		
To Bus Running Expenses	39,31,066.26		
To Convoynance Exp	8,08,572.41		
To Depreciation	3,04,52,344.00		
To Diesel For Generator	4,01,900.00		
To Electricity Expenses	74,13,365.94		
To Insurance Exp	9,25,034.00		
To Interest on TDS	19,79,874.00		
To Internet Exp	9,73,342.00		
To Lab Expenses	1,58,652.00		
To Library Expenses	2,06,944.00		
To PF Demand	9,01,573.00		
To Repair & Maintenance	46,82,137.00		
To Scholarship	70,24,886.00		
To Security Expenses	22,97,038.00		
To Sports Expenses	17,010.00		
To Staffwelfare	2,58,427.00		
To Student Expenses	1,88,000.00		
To Students Project	85,000.00		
To Travelling Exp	2,58,509.00		
To UD Tax	62,843.00		
To Uniform Expenses	2,06,800.00		
To Website Development Exp	45,056.00		
To Excess Of Income Over Expenditure	1,56,94,424.01		
	40,83,07,083.64		40,83,07,083.64

For Jaipur Engineering College and Research Centre

For Jaipur Engineering College & Research Centre

O. P. AGRAWAL
(Chairman)

Place: Jaipur
Date: 23.10.2019

For Jaipur Engineering College
And R. Research Centre

Accounts Officer

As per our audit report of even date
For Vimal Agarwal & Associates
(Chartered Accountants)
FRN: 004187C



(Vimal Agarwal)
Partner
M. No.: 071627



S.No	CRITERIA	OBSERVATION MADE BY	COMPLIANCE STATUS
		NBA	(ACTION TAKEN BY INSTITUTION)
10.3.1	<p>Program Specific Budget Allocation, Utilization</p> <p>10.3.1 Adequacy of budget allocation</p>	<p>Inadequate budget allocation; arbitrary allocations and no proper justifications was made</p>	<p>As affiliated to Rajasthan Technical university and twenty year old college, mostly budget included maintenance and spare. As per new facility is concern, separate budget of Rs Ten lakh is provided for research facility at the department. Budget allocation for attending conferences, budget for start-up and incubation centre are allocated and utilized according to financial assistance. Department Head is intimated of the extent of</p>

			<p>funds allocated against the budget proposals. Actions for procurement of lab equipment, up-gradation of existing lab facilities, purchase of consumables etc. are initiated from the departments. Audited budget is attached for your kind consideration.</p> <p>https://www.jecrcfoundation.com/naacdata/Criteria%206/6.3.2/6.3.2%20Data%20template%20WEB.pdf</p>
--	--	--	---

Budget statement 2019-20



Jaipur Engineering College and Research Centre, Jaipur Department of Electronics and Communication Engineering

Subject: Expenditure for the Session 2019-20

The expenditure for the session July 2019-June 2020 of the department as underlined is submitted for your kind perusal.

S. No.	Events	Budget	Total Expenditure	Expenditure by the institute	Expenditure other than institute
1	Robo War	1,30,000	Nil (Covid-	Nil (Covid-	Nil (Covid-
2	Robo Soccer				
3	Line Follower				
4	Sumo War				
5	Formula Zero				
6	Drone Racing Championship				
7	Technophilia				
8	Phoenix				
9	Renovators				
10	Quiz (Quizholic)				
11	Techno InBuzz				
12	Tech. Tambolla				
13	Expert Talks	25,000	10210		10210
14	Seminars	30,000	18375		18375
15	Workshops on different Domains	1,35,000	1,25,221		1,25,221
16	Training Programs (In House)	3,50,000	NIL		NIL
17	International Conference	2,25,000	10,000		10,000
18	National Conference	95,000	39120		39120
19	Industrial Visit Manali	3,55,000	3,12,567		3,12,567
21	FDP (ICT)	5,000	3950		3950
	Total	13,50,000			5,19,443



HOD ECE

Head of the Department
Electronics & Communication Engineering
JECRC, Jaipur

Budget statement 2018-19



Jaipur Engineering College and Research Centre, Jaipur

Department of Electronics and Communication Engineering

Subject: Expenditure for the Session 2018-19

The expenditure for the session July 2018-June 2019 of the department as underlined is submitted for your kind perusal.

S. N.	Category	Activity /Item	Proposed Budget (Rs)	Total Expenditure (Rs)	Expenditure by the Institute (Rs)	Expenditure other than Institute (Rs)
1.	Curricular & Co-curricular Activities	1. Robo War 2. Robo Soccer 3. Line Follower 4. Sumo War 5. Formula Zero 6. Drone Racing Championship 7. Technophillia 8. Phoenix 9. Renovators 10. Quiz (Quizholic) 11. Techno InBuzz 12. Tech. Tambolla 13. Expert Talks 14. Seminars 15. Workshops 16. Training Programs 17. International Conference 18. National Conference 19. Industrial Visits	13,40,000	10,20,000	NIL	10,20,000
2.	Consumable	Soldering Wire, Soldering paste, Fuse, ICs etc.	25,000	8,213	8,213	NIL
3.	Non Consumables (Hardware/ Software)		6,00,000	1,47,075	1,47,075	NIL
	Total		19,65,000	11,75,288	1,55,288	10,20,000


HOD ECE

Head of the Department
Electronics & Communication Engineering
JECRC, Jaipur

S.No	CRITERIA	OBSERVATION MADE BY NBA	COMPLIANCE STATUS (ACTION TAKEN BY INSTITUTION)
10.3. 2	<p>Program Specific Budget Allocation, Utilization</p> <p>10.3.2 Utilization of allocated funds</p>	<p>Poor budget utilization as it not decided by the departmental authorities</p>	<p>As affiliated to Rajasthan Technical university and twenty year old college, mostly budget included maintenance and spare. As per new facility is concern separate budget of Rs. Ten lakh is provided for research facility at the department and budget allocation for attending conferences, budget for start-up and incubation centre are allocated and utilized according to financial assistance. Department Head is intimated of the extent of funds allocated against the budget proposals. Actions for procurement of lab equipment, up-gradation of existing lab facilities, purchase of consumables etc. are initiated from the departments. Audited budget is attached for your kind consideration.</p>

Proposed Budget statement 2020-21

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE Department of Electronics and Communication Engineering

From: Program Coordinator ECE TO: Principal Office

Date: 15/7/2020

NOTE SHEET

Subject: Request for Approval of Departmental Budget for Session 2020-21


This is for your kind notice that we are proposing budget of Electronics and Communication Engineering Dept. of 2020-21. Details are Following

S.No.	Items	Budget	Remarks
1	Consumable	25,000	
2	Non-consumable	464410/-	
3	Technical Events	1,40000/-	Details attached
4	Expert Talks	30,000/-	
5	Seminars	35,000/-	
6	Workshops on different Domains	1,45,000/-	
7	Training Programs (In House)	3,70,000/-	
8	International Conference	6,30,000/-	Budget approved
9	National Conference	1,00,000/-	
10	Industrial Visit	10,000/-	BSNL, RIEL, RTTC May be Proposed (Transportation will be required by college)
11	Industrial Visit (Bhraman)	3,55,000/-	Industries will be decided by Bharman Team
12	Faculty Development Program	7000/-	
	Total	23,11,410	

Annexure:

- 1) Technical Events
- 2) Details of Non-consumable

Submitted for your kind approval.


Dr. Sandeep Vyas
Program Coordinator ECE

Principal



Budget statement 2019-20



Jaipur Engineering College and Research Centre, Jaipur Department of Electronics and Communication Engineering

Subject: Expenditure for the Session 2019-20

The expenditure for the session July 2019-June 2020 of the department as underlined is submitted for your kind perusal.

S. No.	Events	Budget	Total Expenditure	Expenditure by the institute	Expenditure other than institute
1	Robo War	1,30,000	Nil (Covid-	Nil (Covid-	Nil (Covid-
2	Robo Soccer				
3	Line Follower				
4	Sumo War				
5	Formula Zero				
6	Drone Racing Championship				
7	Technophilia				
8	Phoenix				
9	Renovators				
10	Quiz (Quizholic)				
11	Techno InBuzz				
12	Tech. Tambolla				
13	Expert Talks	25,000	10210		10210
14	Seminars	30,000	18375		18375
15	Workshops on different Domains	1,35,000	1,25,221		1,25,221
16	Training Programs (In House)	3,50,000	NIL		NIL
17	International Conference	2,25,000	10,000		10,000
18	National Conference	95,000	39120		39120
19	Industrial Visit Manali	3,55,000	3,12,567		3,12,567
21	FDP (ICT)	5,000	3950		3950
	Total	13,50,000			5,19,443



HOD ECE

Head of the Department
Electronics & Communication Engineering
JECRC, Jaipur

Budget statement 2018-19



Jaipur Engineering College and Research Centre, Jaipur

Department of Electronics and Communication Engineering

Subject: Expenditure for the Session 2018-19

The expenditure for the session July 2018-June 2019 of the department as underlined is submitted for your kind perusal.

S. N.	Category	Activity /Item	Proposed Budget (Rs)	Total Expenditure (Rs)	Expenditure by the Institute (Rs)	Expenditure other than Institute (Rs)
1.	Curricular & Co-curricular Activities	1. Robo War 2. Robo Soccer 3. Line Follower 4. Sumo War 5. Formula Zero 6. Drone Racing Championship 7. Technophillia 8. Phoenix 9. Renovators 10. Quiz (Quizholic) 11. Techno InBuzz 12. Tech. Tambolla 13. Expert Talks 14. Seminars 15. Workshops 16. Training Programs 17. International Conference 18. National Conference 19. Industrial Visits	13,40,000	10,20,000	NIL	10,20,000
2.	Consumable	Soldering Wire, Soldering paste, Fuse, ICs etc.	25,000	8,213	8,213	NIL
3.	Non Consumables (Hardware/ Software)		6,00,000	1,47,075	1,47,075	NIL
	Total		19,65,000	11,75,288	1,55,288	10,20,000


HOD ECE

Head of the Department
Electronics & Communication Engineering
JECRC, Jaipur

<u>S.No</u>	CRITERIA	<u>OBSERVATION MADE BY NBA</u>	<u>COMPLIANCE STATUS (ACTION TAKEN BY INSTITUTION)</u>												
10.4.1	<p>Library and Internet</p> <p>10.4.1 Quality of learning resources (hard/soft)</p>	<p>10.4.1 Quality of learning resources (hard/soft)</p> <p>Limited number of e-resource facilities</p>	<p>Institute continuously enrich e-resource facilities. All the information related to e-resource facilities is available on website.</p> <table border="1" data-bbox="911 449 1443 961"> <thead> <tr> <th data-bbox="911 449 1094 485">e-resources</th> <th data-bbox="1094 449 1443 485">Link of e-resources</th> </tr> </thead> <tbody> <tr> <td data-bbox="911 485 1094 562">Lectures notes</td> <td data-bbox="1094 485 1443 562">Screenshot below</td> </tr> <tr> <td data-bbox="911 562 1094 617">Lab Videos</td> <td data-bbox="1094 562 1443 617">Screenshot below</td> </tr> <tr> <td data-bbox="911 617 1094 722">Swayam link</td> <td data-bbox="1094 617 1443 722">https://www.jecrcfoundation.com/pdf/swayam/SWAYAM_EC.pdf</td> </tr> <tr> <td data-bbox="911 722 1094 827">NPTEL</td> <td data-bbox="1094 722 1443 827">https://www.jecrcfoundation.com/student-corner/nptel</td> </tr> <tr> <td data-bbox="911 827 1094 961">Virtual lab</td> <td data-bbox="1094 827 1443 961">https://www.jecrcfoundation.com/pdf/virtual%20lab%20expression%20of%20interest.pdf</td> </tr> </tbody> </table>	e-resources	Link of e-resources	Lectures notes	Screenshot below	Lab Videos	Screenshot below	Swayam link	https://www.jecrcfoundation.com/pdf/swayam/SWAYAM_EC.pdf	NPTEL	https://www.jecrcfoundation.com/student-corner/nptel	Virtual lab	https://www.jecrcfoundation.com/pdf/virtual%20lab%20expression%20of%20interest.pdf
e-resources	Link of e-resources														
Lectures notes	Screenshot below														
Lab Videos	Screenshot below														
Swayam link	https://www.jecrcfoundation.com/pdf/swayam/SWAYAM_EC.pdf														
NPTEL	https://www.jecrcfoundation.com/student-corner/nptel														
Virtual lab	https://www.jecrcfoundation.com/pdf/virtual%20lab%20expression%20of%20interest.pdf														

Website Screenshots for Lecture Notes, Video Notes, etc.

The screenshot shows the JECRC Foundation website's 'Subject Notes' page. The navigation bar includes links for About Us, Placements, IQAC, Departments, Research, Extension, Events & Activities, Student's Corner, Faculty Corner, Gallery, SAR, NAAC, and Contact Us. The main heading is 'Subject Notes'. Below this, there are three dropdown menus: 'Select Branch' (Electronics Communication Engineer), 'Select Semester' (3rd Semester), and 'Select Subject' (Network Theory). A table lists five subject notes with corresponding 'Download' buttons:

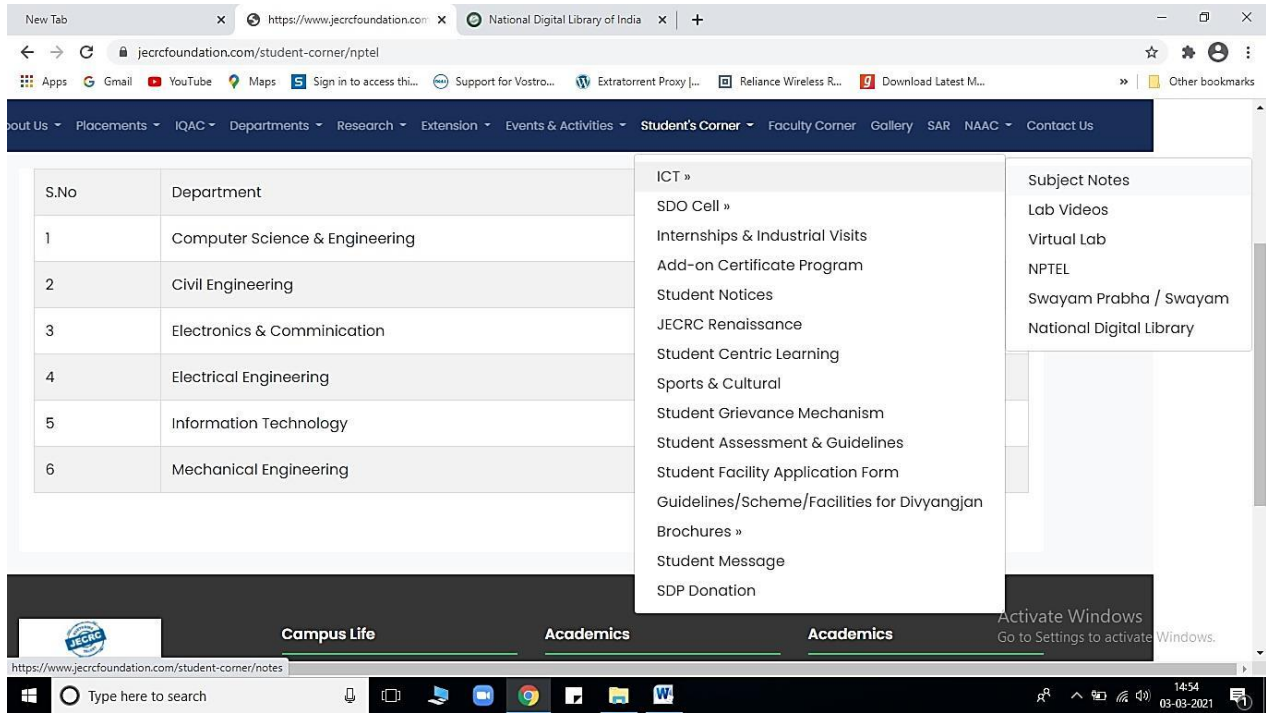
Subject Notes	Download
Unit 1.docx	Download
unit 2.docx	Download
Unit 3.docx	Download
Unit 4.docx	Download
Unit 5.ppt	Download

An 'Activate Windows' watermark is visible in the bottom right corner of the page content.

The screenshot shows the JECRC Foundation website's 'Video Lectures' page. The navigation bar is identical to the previous screenshot. The main heading is 'Video Lectures'. Below this, there are three dropdown menus: 'Select Branch' (Electronics and Communication Eng), 'Select Semester' (5th Semester), and 'Select Subject' (Digital Signal and Processing). Two video lecture thumbnails are displayed:

- 8 FFT**: A video player thumbnail with a play button and 'Watch later' and 'Share' options.
- 6 Probability Distribution**: A video player thumbnail with a play button and 'Watch later' and 'Share' options.

An 'Activate Windows' watermark is visible in the bottom right corner of the page content.



S. No	CRITERIA	OBSERVATION MADE BY NBA	COMPLIANCE STATUS (ACTION TAKEN BY INSTITUTION)
10.4.2	Library and Internet 10.4.2 Internet	Limited Wi-Fi facilities, internet access in labs, classrooms, library and offices.	The <i>entire campus</i> including the hostels is high speed <i>Wi-Fi</i> enabled and users can access the <i>internet</i> on their laptops round the clock. https://jecrcfoundation.com/library-facilities

Room number or Name of classrooms/Seminar Hall with LCD /WiFi/LAN facilities with room numbers	Type of ICT facility	Link to geo tagged photos and master time table
DF-3(Classroom)	WI-FI+DESKTOP+PROJECTOR	link for geotagged photos
DS-1(Classroom)	WI-FI+DESKTOP+PROJECTOR	
DS-3(Classroom)	WI-FI+DESKTOP+PROJECTOR	
DS-5(Classroom)	WI-FI+DESKTOP+PROJECTOR	

CLG-02 (Classroom)	WI-FI+DESKTOP+PROJECTOR
CLG-06 (Classroom)	WI-FI+DESKTOP+PROJECTOR
CLG-05 (Classroom)	WI-FI+DESKTOP+PROJECTOR
CG-05(Seminar Hall)	WI-FI+DESKTOP+PROJECTOR
CG-06 (Classroom)	WI-FI+DESKTOP+PROJECTOR
CG-08 (Classroom)	WI-FI+DESKTOP+PROJECTOR
CG-09 (Classroom)	WI-FI+DESKTOP+PROJECTOR
CS-01 (Seminar Hall)	LAN+WI-FI+ROOFTOP PROJECTOR
CF-03 (Classroom)	WI-FI+DESKTOP+PROJECTOR
CF-06 (Classroom)	WI-FI+DESKTOP+PROJECTOR
CF-07 (Classroom)	WI-FI+DESKTOP+PROJECTOR
CF-13 (Classroom)	WI-FI+DESKTOP+PROJECTOR
CS-03 (Classroom)	WI-FI+DESKTOP+PROJECTOR
CS-04 (Classroom)	WI-FI+DESKTOP+PROJECTOR
CS-05 (Classroom)	WI-FI+DESKTOP+PROJECTOR
CS-08 (Classroom)	WI-FI+DESKTOP+PROJECTOR
CS-09 (Classroom)	WI-FI+DESKTOP+PROJECTOR
CS-18 (Classroom)	WI-FI+DESKTOP+PROJECTOR
CT-1 (Seminar Hall)	WI-FI +LAN+ROOFTOP PROJECTOR
CT-04 (Classroom)	WI-FI+DESKTOP+PROJECTOR
CT-05 (Classroom)	WI-FI+DESKTOP+PROJECTOR
CT-07 (Classroom)	WI-FI+DESKTOP+PROJECTOR
CT-11 (Classroom)	WI-FI+DESKTOP+PROJECTOR
CT-12 (Classroom)	WI-FI+DESKTOP+PROJECTOR
CT-13 (Classroom)	WI-FI+DESKTOP+PROJECTOR
CT-19 (Classroom)	WI-FI+DESKTOP+PROJECTOR
CT-20 (Classroom)	WI-FI+DESKTOP+PROJECTOR
BLG-13 (Classroom)	WI-FI+DESKTOP+PROJECTOR
BLG-19 (Classroom)	WI-FI+DESKTOP+PROJECTOR
BG-07 (Classroom)	WI-FI+DESKTOP+PROJECTOR
BG-14 (Classroom)	WI-FI+DESKTOP+PROJECTOR
BG-19 (Classroom)	WI-FI+DESKTOP+PROJECTOR
BF-01 (Classroom)	WI-FI+DESKTOP+PROJECTOR
BF-06 (Classroom)	WI-FI+DESKTOP+PROJECTOR
BF-13 (Classroom)	WI-FI+DESKTOP+PROJECTOR
BF-18 (Classroom)	WI-FI+DESKTOP+PROJECTOR
BS-01 (Classroom)	WI-FI+DESKTOP+PROJECTOR
BS-06 (Classroom)	WI-FI+DESKTOP+PROJECTOR
BS-08 (Classroom)	WI-FI+DESKTOP+PROJECTOR
BS-12 (Classroom)	WI-FI+DESKTOP+PROJECTOR
BT-01(Classroom)	WI-FI+DESKTOP+PROJECTOR
BT-04(Classroom)	WI-FI+DESKTOP+PROJECTOR
BT-06(Classrom)	WI-FI+DESKTOP+PROJECTOR

BT-07 (Classroom)	WI-FI+DESKTOP+PROJECTOR
BT-14 (Classroom)	WI-FI+DESKTOP+PROJECTOR
BT-19 (Classroom)	WI-FI+DESKTOP+PROJECTOR
AG-05 (Classroom)	WI-FI+DESKTOP+PROJECTOR
AG-06 (Classroom)	WI-FI+DESKTOP+PROJECTOR
AF-01 (Seminar Hall)	WI-FI +LAN+ROOFTOP PROJECTOR
AF-07 (Classroom)	WI-FI+DESKTOP+PROJECTOR
AF-09 (Classroom)	WI-FI+DESKTOP+PROJECTOR
AS13 (Classroom)	WI-FI+DESKTOP+PROJECTOR
AS14 (Classroom)	WI-FI+DESKTOP+PROJECTOR
AS15 (Classroom)	WI-FI+DESKTOP+PROJECTOR
AS16 (Classroom)	WI-FI+DESKTOP+PROJECTOR
CF12(Seminar Hall)	WI-FI +LAN+ROOFTOP PROJECTOR

Declaration



JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

Declaration

It is hereby declared that information provided in this Compliance Report is factually correct. I understand and agree that an appropriate action against the institute will be initiated by the NBA (which may include debarring the institution for three years), in case any false statement/information is observed during the assessment of the compliance report.

Date: 03/03/2021
Place: Jaipur

A handwritten signature in black ink, appearing to read 'Vinay Kumar Chandna', is written over a circular stamp.

Prof. Vinay Kumar Chandna
(Principal)

PRINCIPAL
Jaipur Engineering College &
Research Centre
Tonk Road, Jaipur-302 022



JECRC Foundation
www.jecrcfoundation.com

Jaipur Engineering College and Research Centre

Approved by AICTE & Affiliated to RTU

JECRC Campus, Shri Ram Ki Nangal,

Via Sitapura RIICO, Opp. EPIP Gate, Tonk Road, Jaipur 302 022

t: 0141 2770120, 2770232 f: 0141 2770803 e: info@jecrcmail.com