



*Agnel Charities*  
*Fr. C. Rodrigues Institute of Technology*  
*Vashi, Navi-Mumbai*

**Brief Activity/Event Report**

**Name of the Department: EXTC: IETE-ETSA**

1. **Name of the Activity/Event** :ETMAX :2023: Seminar on Satellite Communication, Fiber Optics and Verilog Designs
2. **Activity/Event Venue & Date** :17<sup>th</sup> March 2023 10.00 am to 1.30 pm
3. **Nature of Participants** : Students of SEM II, IV, VI and VIII of EXTC Dept.
4. **Number of Participants** :
5. **Student Coordinator** :Mr. Sarvesh Shinde, Mr Brett
6. **Staff Coordinator** : Dr. Prasad Kulkarni, Mr. Yogesh C and Ms. Sneha R
7. **Recourse Person** : Tabled in 9(b)
8. **Brochure** : -



**9. Brief Summary of the Activity/Event (in maximum 500 words):**

**a. Objectives** :

1. To make students aware of Satellite communication and Optical Sensors.
2. To Make students aware of Verilog designs.

**b. Technical Description** : IETE-ETSA students' chapter organized a seminar on Satellite communication for the semester II and IV EXTC students on 17<sup>th</sup> March

Staff Coordinator

HOD



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2023. On the same day, a seminar on Fiber optics Sensor technology was also arranged for semester VIII students. Mr. Hitesh Mehta and his team brought a setup of intrusion detection system(IDS) using fiber optics for demonstration.

Verilog design workshop was arranged for semester VI students on 17<sup>th</sup> March 2023 also.

Sr. No .	Name and Affiliation of Resource Person	Content
1	Mr Hitesh Mehta is the co-founder of Fiber Optika Technologies Pvt Ltd and Managing Director of Eagle Photonics	Fiber Optic sensors- Technology and applications for different sectors
2	Shreekrishna Gavhane Senior General Manager- Sales Nelco	Satellite Communication ( Trends & Technologies )
3	Mr. Aryan Singh and Mr. Navaneeth	Verilog Designs

**c. Outcomes :**

**PO-5 : Modern tool usage :** Speaker covered the use of HDL and synthesis tools for VLSI designs.

**PO 12: Life-long learning:** Speakers covered the current satellite communication trends communication sectors. They also briefed use of fibre optics IDS system. Finally asked students to find their needs and become a lifelong learner to achieve the requirement of professional career.



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d. Attendance of Participants: Sample copy is attached

SEM VIII

Event	Members_name	Members_rollno	Members_phone
Optical Sensors	Anugrah Nile	301841	7526576757
Optical Sensors	Adis Aniladkar	301842	7021519266
Optical Sensors	Akash Patil	301844	9803827355
Optical Sensors	Anubh Senapati	3019102	9702516582
Optical Sensors	Yash Kharate	3018103	9324065344
Optical Sensors	Manj Samal	3018184	9867990017
Optical Sensors	Amit Chaudhary	3019168	9609632238
Optical Sensors	Piyush Chatterjee	3019106	9304100352
Optical Sensors	Shruti Chaudhary	3019107	9807050225
Optical Sensors	Vishal Deshmukh	3018138	9406441199
Optical Sensors	Shivaji Dharaj	3019129	7866548242
Optical Sensors	Jessica Fernandez	3018111	9867782378
Optical Sensors	Harshada Ghadge	3018112	8886659668
Optical Sensors	Khushi Jagtap	3018110	9304370215
Optical Sensors	Abhinav Jha	3018116	9324191244
Optical Sensors	Jahnu Jaysankar	3018117	9864271057
Optical Sensors	Minal Kale	3018119	9708009645
Optical Sensors	Rishi Kulkarni	3018120	9309338443
Optical Sensors	Leela Kulkarni	3018122	9820544257
Optical Sensors	Pooja Lohar	3018124	9708009645
Optical Sensors	Sarvesh Mahajan	3018125	7720408375
Optical Sensors	Maha Mandhukar	3018127	9372007004
Optical Sensors	Munali Mehra	3018128	9802695080
Optical Sensors	Naveen Kumar Nampoothi	3019131	7702221108
Optical Sensors	Prachi Padhe	3019132	8552269961
Optical Sensors	Abhinav Lakshman Pansari	3019134	7400449778
Optical Sensors	Ashish Patilkar	3019135	9869185182
Optical Sensors	Sagar Sanyal Pansar	3019136	9822540547
Optical Sensors	PC Lathwani Pansar	3019137	8074481045
Optical Sensors	Shubhangi Poojar	3018138	9319128008
Optical Sensors	Anika	3018139	
Optical Sensors	Arun Rathi	3018140	9870500370
Optical Sensors	Nagendra Shigga	3018141	8452818760
Optical Sensors	Sanku Shrivastava	3018144	8856264443
Optical Sensors	Amit Shrivastava	3018145	8779607310
Optical Sensors	Diksha Singh	3018147	8428472409
Optical Sensors	Smit Singh	3018148	9324009432
Optical Sensors	Ruchika Singh	3018150	9082258750
Optical Sensors	Pratik Singh	3018151	9082258750
Optical Sensors	Mohit Singh	3018152	9850029845
Optical Sensors	Ujjal Chatterjee	3018153	8850047840
Optical Sensors	Michael	3018154	9137890487
Optical Sensors	Komal Mahesh Patil	3018155	9372646204
Optical Sensors	Darshana Patil	3018156	8879452271
Optical Sensors	Aayush Patil	3020137	7045414523
Optical Sensors	Chetan Patil	3020138	8245117882
Optical Sensors	Kushagra Patel	3019139	730468538
Optical Sensors		3019140	7720134709

Staff Coordinator

HOD



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**SEM VI**

VENUE-ANAND AX-415

event	Members_name	Members_rollno	Members_phon	present	absent
Verilog Designs	Somam Uday Mahesh	1033296	1125129340	Ab	
Verilog Designs	Anjan Singh	9018148	9041872038	Ab	
Verilog Designs	SHASHISHEKHAR SINGH	3020101	7400212432	Shash	
Verilog Designs	Aditya Shendekar	3020103	0128264886	Aditya	
Verilog Designs	Omkar Chindolkar	3020107	9404131232	Omkar	
Verilog Designs	Siddhi Dandekar	3020108	8857417181	Siddhi	
Verilog Designs	Sayali Dongre	3020109	2566392348	Sayali	
Verilog Designs	Dayesh Dongre	3020110	9111006687	Dayesh	
Verilog Designs	Anushka Duthane	3020111	9930185481	Anushka	
Verilog Designs	Alton Fernandes	3020112	7252929801	Ab	
Verilog Designs	Gaurav Gadgil	3020113	8426999034	Gaurav	
Verilog Designs	Sanskriti Gharat	3020114	9930851492	Sanskriti	
Verilog Designs	Rushi Kadam	3020118	7721032571	Rushi	
Verilog Designs	Sakshi Karsik	3020120	0310767715	Sakshi	
Verilog Designs	Riddhi Kanse	3020121	9930922002	Riddhi	
Verilog Designs	SHIVAM KUMAR	3020125	9306060080	Shivam	
Verilog Designs	Anay	3020126	7400409288	Anay	
Verilog Designs	Abhishek Kohar	3020127	7045308148	Ab	
Verilog Designs	Justin Mascarenhas	3020128	9326447815	Justin	
Verilog Designs	Rohi Maurya	9020129	8976396101	Rohi	
Verilog Designs	John Jeriah	3020132	8291114545	John	
Verilog Designs	Harekanta Mishra	3020133	9967844909	Harekanta	
Verilog Designs	Shaunak Pagare	3020134	9594497000	Shaunak	
Verilog Designs	Ayanka Pandeshi	3020135	9321298734	Ayanka	
Verilog Designs	Rahul Kale	3020136	9018092301	Rahul	
Verilog Designs	Satwik Pawar	3020140	9421812530	Satwik	
Verilog Designs	Sharyu phadke	3020141	3955336890	Sharyu	
Verilog Designs	Krishna Sawale	3020142	8600532503	Krishna	
Verilog Designs	Bhetti Pinto	3020143	8380093182	Bhetti	
Verilog Designs	Lavlesh Poyamkar	3020144	+919221908479	Lavlesh	
Verilog Designs	Mahvika Pweth	3020145	0020294945	Mahvika	
Verilog Designs	Nisarg Ranadive	3020147	8591065018	Nisarg	
Verilog Designs	Rishi	3020148	9833520116	Rishi	
Verilog Designs	Aditya Shah	3020150	7977729772	Aditya	
Verilog Designs	Shruti Shetye	3020152	8360304933	Shruti	
Verilog Designs	Parth Vaidyanath Shinde	3020153	9987139722	Parth	
Verilog Designs	Sarvesh	3020154	9004850191	Sarvesh	
Verilog Designs	Sunithi Singh	3020155	9873901154	Sunithi	
Verilog Designs	Vedanti Surve	3020156	+917058328973	Vedanti	
Verilog Designs	Shubham Tale	3020157	8557695797	Shubham	
Verilog Designs	Vaibhav Totawar	3020158	2330769147	Vaibhav	
Verilog Designs	Siddhesh Upadhyay	3020159	8104620618	Siddhesh	
Verilog Designs	Harsh Yeole	3020160	8087473873	Harsh	
Verilog Designs	Samiksha Deepak Chaike	3020162	8628903123	Samiksha	
Verilog Designs	Robin m	3020163	4598853090	Robin	
Verilog Designs	Maria Belwalkar	3020164	7700082470	Maria	
Verilog Designs	Divyanka Thakur	3020165	9004789955	Divyanka	





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SEM IV

Department of Electronics and Telecommunication Engineering									
ATTENDANCE SHEET : S.E. SEM-IV : A.T. REG-20									
S. NO.	ROLL NO.	NAME	DATE	S. NO.	ROLL NO.	NAME	DATE	S. NO.	ROLL NO.
BATCH - I									
1	3021101	ADITHYAN RAJESH CHETTIYAR	✓	31	3021107	PANDIT VEDANT SWAPNIL		61	3021163
2	3021102	ADITYA CHETANASH	✓	32	3021108	PANT AVEK	✓	62	3021164
3	3021103	ADITYA DASHAN CHANDRASEKHAR	✓	33	3021109	PATE HARSH SHELPOSH	✓	63	3021165
4	3021104	ALEX CHERIAN	✓	34	3021110	PATE HIRRAJ TUSHAR		64	3021166
5	3021105	ANISH KPRUDH	✓	35	3021111	PATE SACHIN	✓	65	3021167
6	3021106	ANUDE SANJAY PRANOD	✓	36	3021112	PALE KARTHIKA PRAPALLA	✓	66	3021168
7	3021107	ANILKUMAR PRADEEP KUMAR		37	3021113	PAD NISHWARYA PRADIP KUMAR		67	3021169
8	3021108	ANILKUMAR TANMAY MANU		38	3021114	PAUL ANSHAYA TUSHAR	✓	68	3021170
9	3021109	ANILKUMAR TANMAY MANU		39	3021115	PATIL KHUSHAL DASHAN	✓	69	3021171
10	3021110	ANILKUMAR TANMAY MANU	✓	40	3021116	SARANT HANMAN SAMESH	✓	70	3021172
11	3021111	CHALUKHAR KAJRAJESH	✓	41	3021117	SARANT RAJ ANAND	✓	71	3021173
12	3021112	CHIMMAN SUDHAR SHIVNAG		42	3021118	SHAKH MOHD ALI MANI USMAN		72	3021174
13	3021113	CHIMMAN SUDHAR SHIVNAG	✓	BATCH - II					
14	3021114	CHIMMAN SUDHAR SHIVNAG		43	3021119	SHEDALE PRATHAMESH RAM		73	3021175
15	3021115	CHAL HIRANSHU MOHAN	✓	44	3021120	SHIRWADKAR TANISHA AJIT	✓	74	3021176
16	3021116	CHANDAN ADITYA SANJAY	✓	45	3021121	SHIRWADKAR VIKRAM KISHOR	✓	75	3021177
17	3021117	CHANDAN ADITYA SANJAY	✓	46	3021122	SINHA KARTIK SUDHAR		76	3021178
18	3021118	CHANDAN ADITYA SANJAY	✓	47	3021123	SINHA KARTIK SUDHAR		77	3021179
19	3021119	CHANDAN ADITYA SANJAY	✓	48	3021124	SINHA KARTIK SUDHAR		78	3021180
20	3021120	CHANDAN ADITYA SANJAY	✓	49	3021125	SINHA KARTIK SUDHAR		79	3021181
21	3021121	CHANDAN ADITYA SANJAY	✓	50	3021126	SINHA KARTIK SUDHAR		80	3021182
22	3021122	CHANDAN ADITYA SANJAY	✓	51	3021127	SINHA KARTIK SUDHAR		81	3021183
23	3021123	CHANDAN ADITYA SANJAY	✓	52	3021128	SINHA KARTIK SUDHAR		82	3021184
24	3021124	CHANDAN ADITYA SANJAY	✓	53	3021129	SINHA KARTIK SUDHAR		83	3021185
BATCH - II									
25	3021125	KARDEKAR MOHAMMED ARAZ ZAFFAR	✓	54	3021130	SINHA KARTIK SUDHAR		84	3021186
26	3021126	KARDEKAR PARTH VINOD		55	3021131	SINHA KARTIK SUDHAR		85	3021187
27	3021127	KARDEKAR PARTH VINOD		56	3021132	SINHA KARTIK SUDHAR		86	3021188
28	3021128	KARDEKAR PARTH VINOD	✓	57	3021133	SINHA KARTIK SUDHAR		87	3021189
29	3021129	KARDEKAR PARTH VINOD	✓	58	3021134	SINHA KARTIK SUDHAR		88	3021190
30	3021130	KARDEKAR PARTH VINOD	✓	59	3021135	SINHA KARTIK SUDHAR		89	3021191
31	3021131	KARDEKAR PARTH VINOD	✓	60	3021136	SINHA KARTIK SUDHAR		90	3021192
32	3021132	KARDEKAR PARTH VINOD	✓	61	3021137	SINHA KARTIK SUDHAR		91	3021193
33	3021133	KARDEKAR PARTH VINOD	✓	62	3021138	SINHA KARTIK SUDHAR		92	3021194
34	3021134	KARDEKAR PARTH VINOD	✓	63	3021139	SINHA KARTIK SUDHAR		93	3021195
35	3021135	KARDEKAR PARTH VINOD	✓	64	3021140	SINHA KARTIK SUDHAR		94	3021196
36	3021136	KARDEKAR PARTH VINOD	✓	65	3021141	SINHA KARTIK SUDHAR		95	3021197
37	3021137	KARDEKAR PARTH VINOD	✓	66	3021142	SINHA KARTIK SUDHAR		96	3021198
38	3021138	KARDEKAR PARTH VINOD	✓	67	3021143	SINHA KARTIK SUDHAR		97	3021199
39	3021139	KARDEKAR PARTH VINOD	✓	68	3021144	SINHA KARTIK SUDHAR		98	3021200
40	3021140	KARDEKAR PARTH VINOD	✓	69	3021145	SINHA KARTIK SUDHAR		99	3021201
41	3021141	KARDEKAR PARTH VINOD	✓	70	3021146	SINHA KARTIK SUDHAR		100	3021202
42	3021142	KARDEKAR PARTH VINOD	✓	71	3021147	SINHA KARTIK SUDHAR			
43	3021143	KARDEKAR PARTH VINOD	✓	72	3021148	SINHA KARTIK SUDHAR			
44	3021144	KARDEKAR PARTH VINOD	✓	73	3021149	SINHA KARTIK SUDHAR			
45	3021145	KARDEKAR PARTH VINOD	✓	74	3021150	SINHA KARTIK SUDHAR			
46	3021146	KARDEKAR PARTH VINOD	✓	75	3021151	SINHA KARTIK SUDHAR			
47	3021147	KARDEKAR PARTH VINOD	✓	76	3021152	SINHA KARTIK SUDHAR			
48	3021148	KARDEKAR PARTH VINOD	✓	77	3021153	SINHA KARTIK SUDHAR			
49	3021149	KARDEKAR PARTH VINOD	✓	78	3021154	SINHA KARTIK SUDHAR			
50	3021150	KARDEKAR PARTH VINOD	✓	79	3021155	SINHA KARTIK SUDHAR			
51	3021151	KARDEKAR PARTH VINOD	✓	80	3021156	SINHA KARTIK SUDHAR			
52	3021152	KARDEKAR PARTH VINOD	✓	81	3021157	SINHA KARTIK SUDHAR			
53	3021153	KARDEKAR PARTH VINOD	✓	82	3021158	SINHA KARTIK SUDHAR			
54	3021154	KARDEKAR PARTH VINOD	✓	83	3021159	SINHA KARTIK SUDHAR			
55	3021155	KARDEKAR PARTH VINOD	✓	84	3021160	SINHA KARTIK SUDHAR			
56	3021156	KARDEKAR PARTH VINOD	✓	85	3021161	SINHA KARTIK SUDHAR			
57	3021157	KARDEKAR PARTH VINOD	✓	86	3021162	SINHA KARTIK SUDHAR			
58	3021158	KARDEKAR PARTH VINOD	✓	87	3021163	SINHA KARTIK SUDHAR			
59	3021159	KARDEKAR PARTH VINOD	✓	88	3021164	SINHA KARTIK SUDHAR			
60	3021160	KARDEKAR PARTH VINOD	✓	89	3021165	SINHA KARTIK SUDHAR			
61	3021161	KARDEKAR PARTH VINOD	✓	90	3021166	SINHA KARTIK SUDHAR			
62	3021162	KARDEKAR PARTH VINOD	✓	91	3021167	SINHA KARTIK SUDHAR			
63	3021163	KARDEKAR PARTH VINOD	✓	92	3021168	SINHA KARTIK SUDHAR			
64	3021164	KARDEKAR PARTH VINOD	✓	93	3021169	SINHA KARTIK SUDHAR			
65	3021165	KARDEKAR PARTH VINOD	✓	94	3021170	SINHA KARTIK SUDHAR			
66	3021166	KARDEKAR PARTH VINOD	✓	95	3021171	SINHA KARTIK SUDHAR			
67	3021167	KARDEKAR PARTH VINOD	✓	96	3021172	SINHA KARTIK SUDHAR			
68	3021168	KARDEKAR PARTH VINOD	✓	97	3021173	SINHA KARTIK SUDHAR			
69	3021169	KARDEKAR PARTH VINOD	✓	98	3021174	SINHA KARTIK SUDHAR			
70	3021170	KARDEKAR PARTH VINOD	✓	99	3021175	SINHA KARTIK SUDHAR			
71	3021171	KARDEKAR PARTH VINOD	✓	100	3021176	SINHA KARTIK SUDHAR			
72	3021172	KARDEKAR PARTH VINOD	✓						
73	3021173	KARDEKAR PARTH VINOD	✓						
74	3021174	KARDEKAR PARTH VINOD	✓						
75	3021175	KARDEKAR PARTH VINOD	✓						
76	3021176	KARDEKAR PARTH VINOD	✓						
77	3021177	KARDEKAR PARTH VINOD	✓						
78	3021178	KARDEKAR PARTH VINOD	✓						
79	3021179	KARDEKAR PARTH VINOD	✓						
80	3021180	KARDEKAR PARTH VINOD	✓						
81	3021181	KARDEKAR PARTH VINOD	✓						
82	3021182	KARDEKAR PARTH VINOD	✓						
83	3021183	KARDEKAR PARTH VINOD	✓						
84	3021184	KARDEKAR PARTH VINOD	✓						
85	3021185	KARDEKAR PARTH VINOD	✓						
86	3021186	KARDEKAR PARTH VINOD	✓						
87	3021187	KARDEKAR PARTH VINOD	✓						
88	3021188	KARDEKAR PARTH VINOD	✓						
89	3021189	KARDEKAR PARTH VINOD	✓						
90	3021190	KARDEKAR PARTH VINOD	✓						
91	3021191	KARDEKAR PARTH VINOD	✓						
92	3021192	KARDEKAR PARTH VINOD	✓						
93	3021193	KARDEKAR PARTH VINOD	✓						
94	3021194	KARDEKAR PARTH VINOD	✓						
95	3021195	KARDEKAR PARTH VINOD	✓						
96	3021196	KARDEKAR PARTH VINOD	✓						
97	3021197	KARDEKAR PARTH VINOD	✓						
98	3021198	KARDEKAR PARTH VINOD	✓						
99	3021199	KARDEKAR PARTH VINOD	✓						
100	3021200	KARDEKAR PARTH VINOD	✓						
TOTAL PRESENT :									

Staff Coordinator

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**SEM II**

S. No.	ROLL NO.	NAME	DOA	S. No.	ROLL NO.	NAME	DOA
<b>BATCH - I</b>				34	3022134	PERE ATMANVA DITESH	
1	3022131	KOTHWARI SHIKHAR S	✓	35	3022135	MARSHAL PRATHAM	
2	3022132	ARCHAL ATMANV VIKR	✓	36	3022136	MAHAPPA ARDITY MANOJLIPAR	✓
3	3022133	BARSHAN SHASHAN SUDHENDANT	✓	37	3022137	MAHLE DANNAN KUMAR	✓
4	3022134	SHAY TARA		38	3022138	VINCH CHETAN LIPESH	✓
5	3022135	SHAKT SAKSHI KAMNATHA		39	3022139	PARISHI MAYA DINESH	
6	3022136	SHAWAL ADITI	✓	40	3022140	KATERAN KUNAL	
7	3022137	SHAR SHREYA SHODHAK		41	3022141	PATIL ANILJ SANDHYAKUMAR	
8	3022138	CHANDHAN SURESH KARESH	✓	42	3022142	PATIL NARAYAN ANURAG	✓
9	3022139	CHANDRAN ARUNDA DAYARAM	✓	43	3022143	PATE. PAVAN SORAN	
10	3022140	CHANDRAN SHREE. RAJENDRA	✓	44	3022144	PRIL RAHUL VISHU	✓
11	3022141	CHANDRAN MEDHAKSHI SARANT	✓	<b>BATCH - III</b>			
12	3022142	CHANDRAN MOHIT SANGAY	✓	45	3022145	PARAN SHIVAM SHARAT	
13	3022143	CHANDRAN PRATYAKSHI SATISH		46	3022146	PARASRAN SORAN SANGEER	
14	3022144	CHANDRAN SURESH SANGEER	✓	47	3022147	PARASRANTHAKAR HANASIMBHAJI	✓
15	3022145	CHANDRAN YASHITA JAGANNATH	✓	48	3022148	PARASRANTHAKAR SHAR	✓
16	3022146	CHANDRAN SURESH SANGEER		49	3022149	SARU KAMNATHAN	✓
17	3022147	CHANDRAN SORAN SANGEER		50	3022150	SARU SURESH SANGEER	✓
18	3022148	CHANDRAN SORAN SANGEER	✓	51	3022151	SARU SURESH SANGEER	✓
19	3022149	CHANDRAN SORAN SANGEER	✓	52	3022152	SARU SURESH SANGEER	✓
20	3022150	CHANDRAN SORAN SANGEER	✓	53	3022153	SARU SURESH SANGEER	✓
21	3022151	CHANDRAN SORAN SANGEER	✓	54	3022154	SARU SURESH SANGEER	✓
22	3022152	CHANDRAN SORAN SANGEER	✓	55	3022155	SARU SURESH SANGEER	✓
<b>BATCH - II</b>				56	3022156	SARU SURESH SANGEER	✓
23	3022153	CHANDRAN SORAN SANGEER		57	3022157	SARU SURESH SANGEER	✓
24	3022154	CHANDRAN SORAN SANGEER	✓	58	3022158	SARU SURESH SANGEER	✓
25	3022155	CHANDRAN SORAN SANGEER	✓	59	3022159	SARU SURESH SANGEER	✓
26	3022156	CHANDRAN SORAN SANGEER	✓	60	3022160	SARU SURESH SANGEER	✓
27	3022157	CHANDRAN SORAN SANGEER	✓	61	3022161	SARU SURESH SANGEER	✓
28	3022158	CHANDRAN SORAN SANGEER	✓	62	3022162	SARU SURESH SANGEER	✓
29	3022159	CHANDRAN SORAN SANGEER	✓	63	3022163	SARU SURESH SANGEER	✓
30	3022160	CHANDRAN SORAN SANGEER	✓	64	3022164	SARU SURESH SANGEER	✓
31	3022161	CHANDRAN SORAN SANGEER	✓	65	3022165	SARU SURESH SANGEER	✓
32	3022162	CHANDRAN SORAN SANGEER	✓	66	3022166	SARU SURESH SANGEER	✓
33	3022163	CHANDRAN SORAN SANGEER	✓	67	3022167	SARU SURESH SANGEER	✓
34	3022164	CHANDRAN SORAN SANGEER	✓	68	3022168	SARU SURESH SANGEER	✓
35	3022165	CHANDRAN SORAN SANGEER	✓	69	3022169	SARU SURESH SANGEER	✓
36	3022166	CHANDRAN SORAN SANGEER	✓	70	3022170	SARU SURESH SANGEER	✓
37	3022167	CHANDRAN SORAN SANGEER	✓	71	3022171	SARU SURESH SANGEER	✓
38	3022168	CHANDRAN SORAN SANGEER	✓	72	3022172	SARU SURESH SANGEER	✓
39	3022169	CHANDRAN SORAN SANGEER	✓	73	3022173	SARU SURESH SANGEER	✓
40	3022170	CHANDRAN SORAN SANGEER	✓	74	3022174	SARU SURESH SANGEER	✓
41	3022171	CHANDRAN SORAN SANGEER	✓	75	3022175	SARU SURESH SANGEER	✓
42	3022172	CHANDRAN SORAN SANGEER	✓	76	3022176	SARU SURESH SANGEER	✓
43	3022173	CHANDRAN SORAN SANGEER	✓	77	3022177	SARU SURESH SANGEER	✓
44	3022174	CHANDRAN SORAN SANGEER	✓	78	3022178	SARU SURESH SANGEER	✓
45	3022175	CHANDRAN SORAN SANGEER	✓	79	3022179	SARU SURESH SANGEER	✓
46	3022176	CHANDRAN SORAN SANGEER	✓	80	3022180	SARU SURESH SANGEER	✓
47	3022177	CHANDRAN SORAN SANGEER	✓	81	3022181	SARU SURESH SANGEER	✓
48	3022178	CHANDRAN SORAN SANGEER	✓	82	3022182	SARU SURESH SANGEER	✓
49	3022179	CHANDRAN SORAN SANGEER	✓	83	3022183	SARU SURESH SANGEER	✓
50	3022180	CHANDRAN SORAN SANGEER	✓	84	3022184	SARU SURESH SANGEER	✓
51	3022181	CHANDRAN SORAN SANGEER	✓	85	3022185	SARU SURESH SANGEER	✓
52	3022182	CHANDRAN SORAN SANGEER	✓	86	3022186	SARU SURESH SANGEER	✓
53	3022183	CHANDRAN SORAN SANGEER	✓	87	3022187	SARU SURESH SANGEER	✓
54	3022184	CHANDRAN SORAN SANGEER	✓	88	3022188	SARU SURESH SANGEER	✓
55	3022185	CHANDRAN SORAN SANGEER	✓	89	3022189	SARU SURESH SANGEER	✓
56	3022186	CHANDRAN SORAN SANGEER	✓	90	3022190	SARU SURESH SANGEER	✓
57	3022187	CHANDRAN SORAN SANGEER	✓	91	3022191	SARU SURESH SANGEER	✓
58	3022188	CHANDRAN SORAN SANGEER	✓	92	3022192	SARU SURESH SANGEER	✓
59	3022189	CHANDRAN SORAN SANGEER	✓	93	3022193	SARU SURESH SANGEER	✓
60	3022190	CHANDRAN SORAN SANGEER	✓	94	3022194	SARU SURESH SANGEER	✓
61	3022191	CHANDRAN SORAN SANGEER	✓	95	3022195	SARU SURESH SANGEER	✓
62	3022192	CHANDRAN SORAN SANGEER	✓	96	3022196	SARU SURESH SANGEER	✓
63	3022193	CHANDRAN SORAN SANGEER	✓	97	3022197	SARU SURESH SANGEER	✓
64	3022194	CHANDRAN SORAN SANGEER	✓	98	3022198	SARU SURESH SANGEER	✓
65	3022195	CHANDRAN SORAN SANGEER	✓	99	3022199	SARU SURESH SANGEER	✓
66	3022196	CHANDRAN SORAN SANGEER	✓	100	3022200	SARU SURESH SANGEER	✓
67	3022197	CHANDRAN SORAN SANGEER	✓				
68	3022198	CHANDRAN SORAN SANGEER	✓				
69	3022199	CHANDRAN SORAN SANGEER	✓				
70	3022200	CHANDRAN SORAN SANGEER	✓				
71	3022201	CHANDRAN SORAN SANGEER	✓				
72	3022202	CHANDRAN SORAN SANGEER	✓				
73	3022203	CHANDRAN SORAN SANGEER	✓				
74	3022204	CHANDRAN SORAN SANGEER	✓				
75	3022205	CHANDRAN SORAN SANGEER	✓				
76	3022206	CHANDRAN SORAN SANGEER	✓				
77	3022207	CHANDRAN SORAN SANGEER	✓				
78	3022208	CHANDRAN SORAN SANGEER	✓				
79	3022209	CHANDRAN SORAN SANGEER	✓				
80	3022210	CHANDRAN SORAN SANGEER	✓				
81	3022211	CHANDRAN SORAN SANGEER	✓				
82	3022212	CHANDRAN SORAN SANGEER	✓				
83	3022213	CHANDRAN SORAN SANGEER	✓				
84	3022214	CHANDRAN SORAN SANGEER	✓				
85	3022215	CHANDRAN SORAN SANGEER	✓				
86	3022216	CHANDRAN SORAN SANGEER	✓				
87	3022217	CHANDRAN SORAN SANGEER	✓				
88	3022218	CHANDRAN SORAN SANGEER	✓				
89	3022219	CHANDRAN SORAN SANGEER	✓				
90	3022220	CHANDRAN SORAN SANGEER	✓				
91	3022221	CHANDRAN SORAN SANGEER	✓				
92	3022222	CHANDRAN SORAN SANGEER	✓				
93	3022223	CHANDRAN SORAN SANGEER	✓				
94	3022224	CHANDRAN SORAN SANGEER	✓				
95	3022225	CHANDRAN SORAN SANGEER	✓				
96	3022226	CHANDRAN SORAN SANGEER	✓				
97	3022227	CHANDRAN SORAN SANGEER	✓				
98	3022228	CHANDRAN SORAN SANGEER	✓				
99	3022229	CHANDRAN SORAN SANGEER	✓				
100	3022230	CHANDRAN SORAN SANGEER	✓				

**e. Summary of Feedback :**

Staff Coordinator

HOD



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*Vashi, Navi-Mumbai*

A random feedback on the session was collected and summarised below.

	How do you rate the facilities provided for this event?	How would you rate the overall experience of this event?	How would you rate the overall experience of the ETAMAX 2023 Function?	How would you rate the different event options provided in the ETAMAX 2023 Function?
Semester				
VIII	4.71	4.71	4.62	4.62
II,IV	4.47	4.42	4.21	4.27
VI	4.17	4.4	4.4	4.2
AVG	4.66	4.64	4.53	4.52

Start time	Completion time	Name2	Roll Number	Branch	How do you rate the facilities provided for this event?	How would you rate the overall experience of this event?	How would you rate the overall experience of the ETAMAX 2023 Function ?	How would you rate the different event options provided in the ETAMAX 2023 Function ?
3-17-23 12:30:12	3-17-23 12:30:33	Velonde Chetan Chandrakant	3019155	EXTC	5	5	5	5
3-17-23 12:30:26	3-17-23 12:30:45	Kushagra Goel	3019114	EXTC	5	5	5	5
3-17-23 12:30:57	3-17-23 12:31:25	Minal Kale	3019119	EXTC	5	5	5	5
3-17-23 12:31:13	3-17-23 12:31:28	Neha Mandelkar	3019127	EXTC	5	5	5	5
3-17-23 12:30:29	3-17-23 12:31:38	Jishnu Jayaprakasan	3019117	EXTC	4	5	3	3
3-17-23 12:31:27	3-17-23 12:31:56	Piyush Shaw	3019142	EXTC	5	5	5	5
3-17-23 12:31:26	3-17-23 12:31:56	Khushi Jagtap	3019115	EXTC	5	5	5	5

Staff Coordinator

HOD



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## **f. Action to be Taken based on Feedback:**

Technical Seminar and Workshop was helpful to the students. These technical events bridges the gap between industry and education.

## **10. Activity / Event Photograph:**

<p><b>Mr. Mehta presenting on Fiber Optic sensors- Technology and applications for different sectors.</b></p>	<p><b>Intrusion detection system using Fibre optics.</b></p>
<p style="text-align: center;"><b>Workshop on Verilog Design</b></p>	





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**11. Sample Certificate:** Sample copy of appreciation letter given to Resource Person

March 17, 2023

To,

**Mr. Shreekrishna Gavhane**  
**Senior General Manager- Sales**  
**Nelco, Mumbai**

Subject: Letter of Appreciation for delivering a session on **Satellite Communication (Trends & Technologies)**

Dear Mr. Shreekrishna Gavhane,

We are thankful to you for delivering a session on "**Satellite Communication (Trends & Technologies)**" to FE and SE students of Electronics & Telecommunication Branch, organized on 17/03/2023 at 11.00 AM. The talk was very informative and appreciated by both students and teachers. The insights provided by you will definitely help students in their further studies.

We look forward to such interaction in the future too.

Thanking you,

With warm regards,

Yours truly,

**SE**

Dr. Milind Shah  
Professor and Head, EXTC Department

  
Staff Coordinator

  
HOD



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*Vashi, Navi-Mumbai*

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Sample copy of the certificate

  
Staff Coordinator

  
HOD



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**Brief Activity/Event Report**

**Name of the Department: EXTC: IETE-ETSA**

1. Name of the Activity/Event : Circuit Design(Circuit Building Competition )
2. Activity/Event Venue & Date : 13<sup>th</sup> January 2023
3. Nature of Participants : Students of SEM IV and VI of EXTC Dept.
4. Number of Participants :116( Sem V: 69 , Sem III : 47)
5. Student Coordinator :Mr. Sarvesh Shinde, Mr Upadhaya
6. Staff Coordinator : Dr. Prasad Kulkarni
7. Resource Person : Mr. Sarvesh Shinde Chairperson ETSA,  
Mr. Brett Pinto –Chairperson -IETE
8. Brochure :



*ML*

Staff Coordinator

*SEI*

HOD



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**9. Brief Summary of the Activity/Event (in maximum 500 words):**

**a. Objectives**

**The students should be able to :**

1. Develop electronics circuit for given application
2. Select appropriate electronics component to build the circuit.
3. Build, test and debug the circuit.

**b. Technical Description :**

Mr. Sarvesh Shinde and Mr. Brett Pinto formed a team of four students comprising semester IV and Semester VI students. The competition was conducted in two levels. In level 1, a screening test by giving Multiple Choice Questions was conducted. The teams who cleared the screening test were sent in level 2.

In level 2, the problem statement was given to each team. Based on the problem definition, each team built electronics circuits on bread board. They have shown the result using oscilloscope, multi-meter, LEDs. Based on the result the winners were decided as shown below.

Winner	Runner Up
Anay Lakeshri(TE) Sharayu Phadke(TE) Atharva Vengurlekar(SE) Deepan Waje(SE)	Shaunak Pagare(TE) Aditi Kate(TE) Nandan Sawant(SE) Abhinav Pandey(SE)

A memento and Certificates were given to winners and runner ups.

**c. Outcomes :**

**PO 2: Problem analysis :** Each team had analysed the given design problem and formulated the solution .

**PO 3: Design/Development of Solutions:** Each team designed the electronics circuit and built it using bread board to demonstrate the solution.

**PO 9: Individual and team work:** The given task was completed in team.

**PO 10: Communication:** The teams presented their design for given problem statement. workshop effectively covered the skill sets to write /prepare effective reports and design documentation for effective presentations and technical documentation.

  
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d. Attendance : Sample copy of the attendance

Circuit 100  
13/11/2

FR. C. RODRIGUES INSTITUTE OF TECHNOLOGY, VASHI  
Department of Electronics and Telecommunication Engineering  
ATTENDANCE SHEET - S.E. SEM-IV | A.Y. 2022-23

SUBJECT :		DATE :		TIME :			
S. NO.	ROLL NO.	NAME	SIGN	S. NO.	ROLL NO.	NAME	SIGN
<b>BATCH - I</b>							
1	3021101	ADHITHYAN RAJESH CHETTIYAR		37	3021137	PANDIT VEDANT SWAPNIL	
2	3021102	ADITYA CHITHRASEN		38	3021138	PANT VIVEK	
3	3021103	AHIRE DARSHAN CHANDRASHEKHAR		39	3021139	PATIL HARSH BHUPESH	
4	3021104	ALEX CHERIAN		40	3021140	PATIL NEEPAJ TUSHAR	
5	3021105	AKHIA AFROZ		41	3021141	PATEL SACHIN	
6	3021106	BAGDE SANCHI PRAMOD		42	3021142	PHALE KARTIKEYA PRATULLA	
7	3021107	BEJANKAR PRATIK RAVINDRA		43	3021143	RAD AISHWARYA PRADEEP KUMAR	
8	3021108	BEJANKAR TANHAJ MANOJ		44	3021144	RAUT ANSHATA TUSHAR	
9	3021109	BENDALE GAUTAMI RAMAKANT		45	3021145	SATHE KHUSHAL DARSHAN	
10	3021110	BHAGAT PRATIK SHASHIKANT		46	3021146	SAWANT NANDAN SAMEER	
11	3021111	CHAUDHARI RAJ RAJESH		47	3021147	SAWANT RAJ ANAND	
12	3021112	CHEMMANI SOUMYA SHRINIVAS		48	3021148	SHAIKH MOHD NUMAN USMAN	
13	3021113	DODGHARE RAHUL RAJESH		<b>BATCH - III</b>			
14	3021114	DESHMUKH DHISHAN ANIL		49	3021149	SHEDALE PRATHAMESH RAM	
15	3021115	DHAL HIMANSHU MOHAN		50	3021150	SHIRWADKAR TANISHKA AJIT	
16	3021116	GAWANDI ADITYA SANJAY		51	3021151	SOMWANSHI KANISHK VARUN	
17	3021117	HAGIR SHRUTI		52	3021152	SONAWANE KARTIK SUDHAR	
18	3021118	HANU VAISHNAVI VIKRAM		53	3021153	SUPALE PRACHI SANJAY	
19	3021119	HINDOLE DIPRAJ SHYAM		54	3021154	THAKUR VEDANT PRAKASH	
20	3021120	INGALE HIRSHIKESH NARENDRA		55	3021155	TODKAR VIVEK PRASHANT	
21	3021121	JADE ARNAV RAHUL		56	3021156	WIKAR AMIT SHARAD	
22	3021122	JAISWAL JATIN SANTOSH		57	3021157	YADAV SANYA AJAY	
23	3021123	KAMAT NISHAD SACHIN		58	3021158	YENDURLEKAR ATHARVA VIJAY	
24	3021124	KANDARKAR VEDANT MAHESH		59	3021159	BHOSALE DIKSHA SANJAY	
<b>BATCH - II</b>							
25	3021125	KARBELKAR MOHAMMED AFAZ ZAFFAR		60	3021160	RUD C V	
26	3021126	KHARAD PARTH VINOD		61	3021161	JAIN MANI KANTILAL	
27	3021127	MANDRAWLIYA KANISHKA		62	3021162	KAJBARI SMIT UDAY	
28	3021128	MASUTE JASANKPREET SINGH JASRAJ SINGH		63	3021163	KAMBLE RUTUJA	
29	3021129	MAURYA HARSH		64	3021164	HOLI SANKA GURUNATH	
30	3021130	MESTRY SANKHA PRASHANT		65	3021165	LOK RADHIKA VIVEKANAND	
31	3021131	MHATRE YANISH		66	3021166	MHATRE VEDANT JITENDRA	
32	3021132	MOHOD KOMAL		67	3021167	PATEL SHREYAS SANDEEP	
33	3021133	MUDABBIR AHMAD MOHAMMAD KHALEEL		68	3021168	SINGH SIMRAN SANJEEV	
34	3021134	NAGVADHIA AKMAL ABID		69	3021169	WAJE DEEPAN MANGESH	
35	3021135	NAIR YEDHUKRISHNAN SHIBUKUMAR					

Staff Coordinator

HOD



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## Fr. C. Rodrigues Institute of Technology

### Vashi, Navi-Mumbai

Circuit Design

FR. C. RODRIGUES INSTITUTE OF TECHNOLOGY, VASHI									
Department of Electronics & Telecommunication Engineering									
Attendance Sheet									
AT 2022-23									
SUBJECT: _____									
Sr. No.	Roll No.	NAME	DATE	TH	TU	FR	SA	Time	
BATCH I	Date: / /2023								
DBM				DBM					
1	3020101	EDMOND SHAKESPEARE	Slas	26	3020137	PATIL ANUSHI			
2	3020102	ALEXANDER DYAN	Alex	26	3020138	PATIL SHRIDHAR			
3	3020103	SKADAVE JAHNVIK PRAPULLA	Jahnavi	27	3020139	PATIL NISHIT			
4	3020104	SHARATI SAYANA	Sharati	28	3020140	RAWAR KATWIE DINESH			
5	3020105	SHENDAKAR ADITYA SARJAY	Aditya	29	3020141	SHADKE SHARADU			
6	3020106	CHIRICHOLKAR CHIRAK	Chirak	40	3020142	SAWALE KRISHNA			
7	3020108	DAREKAR SIDDHI SANTOSH	Siddhi	41	3020143	SENTO BRETT STEPHEN			
8	3020109	DONGRE SATALI	Satali	42	3020144	POVARESH LAVLESH ASHOK			
9	3020110	DONGRE DAYESH GHANSHYAM	Dayesh	43	3020145	PREETHI MALAYIKA			
10	3020111	BUDHANE AMESHKA	Ameshka	44	3020146	KASHERIAN RINI			
11	3020112	FERNANDES ALLAN	Allan	45	3020147	KANADIVE NESARG			
12	3020113	GADGE GAURAV RAMESH	Gaurav	46	3020148	KATURI RISHI KRISHNAN			
13	3020114	GHARAT SANDRUTI	Sandruti	47	3020149	SELOMAN NIKHIL			
14	3020115	JACOB BENJAMIN	Benjamin	48	3020150	SHAI ADITYA			
15	3020116	JADHAV ADITYA	Aditya	49	3020151	SHEKHAR PAUL SAMUEL			
16	3020117	JAIN VIKASH KUMARNAN	Vikash	50	3020152	SHETTY SHRUTI			
17	3020118	KADAM RUSHI	Rushi	51	3020153	SHINDI PARESH			
BATCH II	Date: / /2023								
DBM				DBM					
18	3020119	KADU JANHAVI	Janhavi	52	3020154	CHENDE SARVESH SAGANAND			
19	3020120	KAMBLE SANJEE	Sanjee	53	3020155	ETMCH KENTON			
20	3020121	KANHE REDDHI	Reddhi	54	3020156	GURVE VEDANT SHALCHANDRA			
21	3020122	KATE ADITI	Aditi	55	3020157	TALE SHUBHAM			
22	3020123	KAVILKAR PRANAV	Pranav	56	3020158	TOTANAR VAISHAV SATEEN			
23	3020124	KHARKAR JIDHESHA	Jidhesha	57	3020159	UPADHYAY SIDDHESH			
24	3020125	KUMAR SHIVAM	Shivam	58	3020160	YADAV HARSH			
25	3020126	LAHREKAR ANAY	Anay	59	3020161	MHATRE PRATIK			
26	3020127	LOHAR ABHISHEK ATUL	Abhishek	60	3020162	CHALEE SAKTESHA			
27	3020128	MASCARENHAS JUSTIN	Justin	61	3020163	ROBIN HARVEY			
28	3020129	MALIYA ROHIT KARESH	Rohit	62	3020164	SELWAL KAR MAREK			
29	3020130	MISHRA SHITANANT	Shitanant	63	3020165	THAKUR DIVYANKA KAVENORA			
30	3020131	NAGAR JOHN JEROME	John	64	3020166	KHAN ABRAHAM AHMED			
31	3020132	NILAKH HARSHADA	Harshada	65	3020167	BELPATUR PRACHI ARUN			
32	3020133	PAGARE SHRIJAN	Shrijan	66	3020168	PADAV CHIKAR URBENDRA			
33	3020134	PANDESHI AVANTIKA	Avantika	67	3020169	KARABALKAR KIRAN SHANKAR			
34	3020135	RAJE RAHUL	Rahul	68	3020170	SHINDI MAHATVA RAMESH			
				69	3020171	MHADRE ADESHWARA RAJU			



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#### e. Summary of Feedback :

A random feedback on the session was collected through form and summarised below.

	Did you enjoy collaborative learning?	Did the competition help you to design and test the circuit?	Can You participate in such event organized in future ?	Rate the competition based on your experience.	Rate the arrangements of competition made by the council.
<b>Yes</b>	<b>93</b>	<b>79</b>	<b>84</b>	<b>31.4 %</b>	<b>40 %</b>
<b>No</b>	<b>0</b>	<b>17</b>	<b>10</b>	<b>Excellent</b>	<b>Excellent</b>
<b>Maybe</b>	<b>5</b>	<b>2</b>	<b>4</b>	<b>62.9 %</b>	<b>51.4 %</b>
<b>Total</b>	<b>98</b>	<b>98</b>	<b>98</b>	<b>Good</b>	<b>Good</b>
				<b>5.7%</b>	<b>8.6%</b>
				<b>Average</b>	<b>Average</b>

Timestamp	Username	Name	Roll Number	Semester	Rate the competition based on your experience.	Did you enjoy collaborative learning?	Did the competition help you to design and test the circuit?	Can You participate in such event organized in future ?	Rate the arrangements of competition made by the council.	Any other suggestion/ feedback / events to be held you want in future.
2023/01/14 3:41:50 PM GMT+5:30	deepanwaje1412@gmail.com	Deepan Waje	3021169	4	Good	Yes	Yes	Maybe	Good	NO
2023/01/14 3:41:55 PM GMT+5:30	tvedant145@gmail.com	Vedant Thakur	3021154	4	Good	Yes	Yes	Yes	Good	No

Staff Coordinator

HOD





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## **f. Action to be Taken based on Feedback:**

The IETE-ETSA students chapter will arrange such competitions for Sem III students to develop design skill sets.

## **10. Activity / Event Photograph:**

<b>Participants Designing and Testing Circuits</b>	
<b>Winners</b>	<b>Runner Up</b>

  
 Staff Coordinator

  
 HOD





# *Agnel Charities*

## *Fr. C. Rodrigues Institute of Technology*

### *Vashi, Navi-Mumbai*

#### 11. Sample Certificate:



Sample Certificate with a Memento

*MC*  
Staff Coordinator

*SE*  
HOD



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*Fr. C. Rodrigues Institute of Technology*  
*Vashi, Navi-Mumbai*

**Brief Activity/Event Report**

**Name of the Department: EXTC: IETE-ETSA**

1. Name of the Activity/Event :Micro-2022
2. Activity/Event Venue & Date :12<sup>th</sup> September 2022 10.00 am to 1.30 pm
3. Nature of Participants : Students of SEM III,V and VII of EXTC Dept.
4. Number of Participants :175
5. Student Coordinator :Mr. Sarvesh Shinde, Mr Brett
6. Staff Coordinator : Dr. Prasad Kulkarni
7. Brief Summary of the Activity/Event (in maximum 500 words):

**a. Objectives :**

1. To make students aware of current trends in Industry.
2. To comprehend sustainability through ethical living.

**b. Technical Description :**

IETE-ETSA students' chapter organized a lecture series for the EXTC students on 12<sup>th</sup> September 2022. Bandwidth – Dept. Magazine was published by Rev. Fr. Seby Rodrigues, Assistant Managing Director, ATEC Vashi. Dr S. M. Khot, Principal Fr. CRIT appealed students to adopt the new skills and motivated them for lifelong learning. Dr. Milind Shah, HOD (EXTC) acquainted the house about the moto of such lecture series.

IETE-ETSA students' chapter invited the dignitaries form Industry and academics as mentioned below.

Sr. No .	Name and Affiliation of Resource Person	Content
1	Abhay Joshi Graduate Research Assistant, TUM.Mobility	The Internet of Everything
2	Mr. Allister D'Silva, Entrepreneur at Absolute Motion Pvt. Ltd.	Current Trends in Industry (IoT)
3	Ms. Prattusha Chatterjee, Counsellor of FCRIT	sustainability through ethical living
4	Mr. Jayant Kulkarni Dy. Gen. Manager Schneider Electric	Sustainability through ethical living

Staff Coordinator

HOD



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IETE-ETSA Team had also felicitated the academic toppers, winners of SIH 2022 as well as achievers of the department.

**c. Outcomes :**

**PO 7: Environment and sustainability & PO 8: Ethics:** Speaker guided the students on sustainability, ethics and motivated them for ethical living.

**PO 12: Life-long learning:** Speakers covered the current trends in the industry. They also briefed about the expected skill sets of core branch from the students. Finally asked students to find their needs and become a lifelong learner to achieve the requirement of professional career.

**d. Summary of Feedback :**

A random feedback on the session was collected and summarised below.

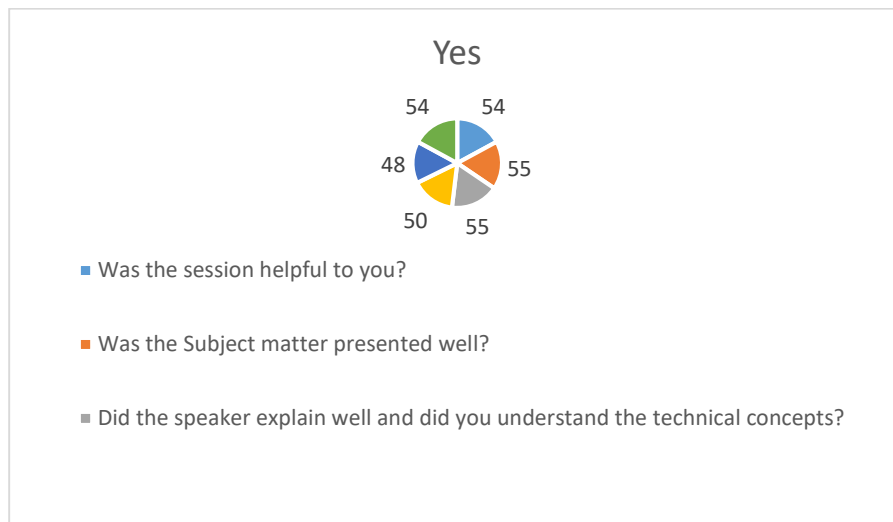
	Was the session helpful to you?	Was the Subject matter presented well?	Did the speaker explain well and did you understand the technical concepts?	Did the speaker interact with the students and respond to questions satisfactorily?	You are well acquainted with IoT4.0	You have understood Sustainability and Ethics
Yes	54	55	55	50	48	54
No	1	0	0	0	0	1
Maybe	1	1	1	6	8	1
Total	56	56	56	56	56	56



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#### **e. Action to be Taken based on Feedback:**

Lecture-series of recent trends will be organised by IETE-ETSA to bridge the gap between industry and education. This also helped students to select their academic projects.

#### **8. Activity / Event Photograph:**



**Bandwidth – Dept. Magazine was published by Rev. Fr. Seby Rodrigues, Assistant Managing Director, ATEC Vashi . Dr S. M. Khot, Principal Fr. CRIT, Dr Milind Shah HOD and Mr. Allister D'Silva,**





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<p style="text-align: center;"><b>Mr. Abhay Joshi presenting in Online Mode</b></p>	<p style="text-align: center;"><b>Mr. Allister D'Silva demonstrating the IoT project.</b></p>
	
<p style="text-align: center;"><b>Mr. Jayant Kulkarni exploring on the Industry Culture and upcoming opportunities</b></p>	<p style="text-align: center;"><b>Ms. Prattusha Chatterjee, Counselling the students on ethical values</b></p>



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**Brief Activity/Event Report**

**Name of the Department: EXTC: IETE-ETSA**

- 1. Name of the Activity/Event : LaTeX BOOTCAMP**
- 2. Activity/Event Venue & Date : 12<sup>th</sup> August 2022**
- 3. Nature of Participants : Students of SEM III and V of EXTC Dept.**
- 4. Number of Participants : 78**
- 5. Student Coordinator : Mr. Sarvesh Shinde, Mr Upadhaya**
- 6. Staff Coordinator : Prof Mehga Kolhekar and Dr. Prasad Kulkarni**
- 7. Brief Summary of the Activity/Event (in maximum 500 words):**

**a. Objectives :**

1. To make students aware of the LaTeX Environment
2. To facilitate understanding of using online editor as well as TexStudio
3. To make students learn how to prepare the sample document.

**b. Technical Description :**

Prof Mehga Kolhekar and Dr Prasad Kulkarni were the resource persons to conduct this workshop named LaTeX Bootcamp. Prof Megha began with the introduction of the LaTeX environment. She provided guidance on online editor i.e. Overleaf to prepare the sample document with the same. Prof Megha demonstrated on the one-page document using online editor.

Dr Prasad Kulkarni covered the LaTeX editor used in Windows Environment. He selected TexStudio editor to demonstrate the steps to prepare a sample report in LaTeX. He covered modular approaching including page setup, table of contents etc.

At the end of the session, students were given a task of preparing a small report in LaTeX.

**c. Outcomes :**

**PO 5: Modern tool usage:** This workshop covered the usage of online editor or IDE to prepare documents or report.

Staff Coordinator

HOD



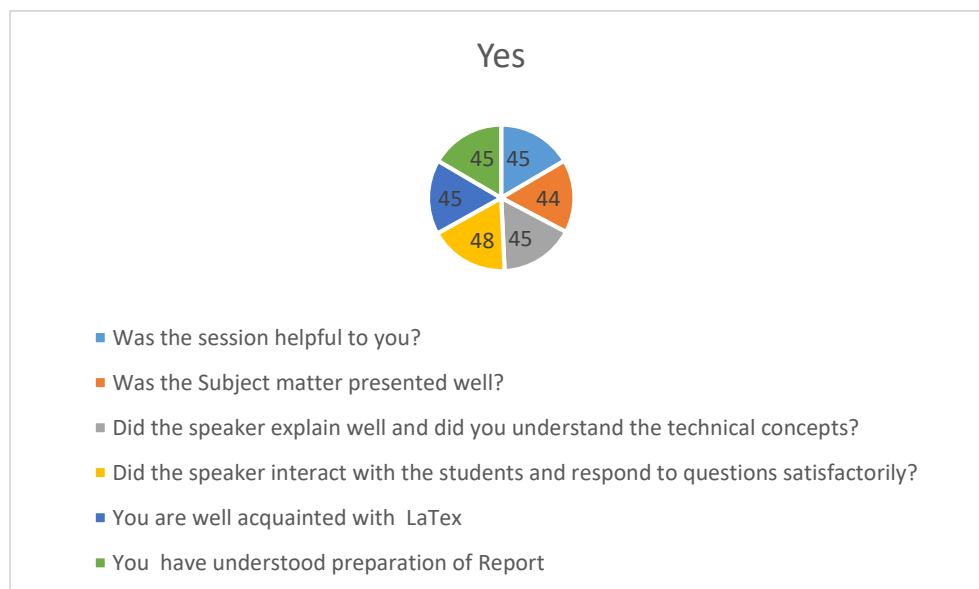
# *Agnel Charities* *Fr. C. Rodrigues Institute of Technology* *Vashi, Navi-Mumbai*

**PO 10: Communication:** This workshop effectively covered the skill sets to write /prepare effective reports and design documentation for effective presentations and technical documentation.

	Was the session helpful to you?	Was the Subject matter presented well?	Did the speaker/s explain well and did you understand the technical concepts?	Did the speaker/s interact with the students and respond to questions satisfactorily?	You are well acquainted with LaTeX	You have understood preparation of Report
Yes	45	44	45	48	45	45
No	4	3	3	0	5	5
Maybe	2	4	3	3	1	4
Total	51	51	51	51	51	54

**d. Summary of Feedback :**

A feedback on the session was collected and summarised below.



**e. Action to be Taken based on Feedback:**

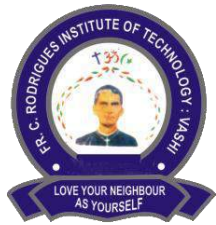
The LaTeX environment is recommended for the preparation of Mini Project Report for semester V students.

*ML*

Staff Coordinator

*SE*

HOD



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**8. Activity / Event Photograph :**



**Prof Megha and Dr Prasad Conducting a workshop**



**Students of Semester III and V preparing sample document**

*MC*

Staff Coordinator

*SEI*

HOD





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**Brief Activity/Event Report**

**Name of the Department: EXTC: IETE-ETSA**

1. Name of the Activity/Event : PCB Design and Fabrication
2. Activity/Event Venue & Date :30<sup>th</sup> July 2022 10.00 am to 1.30 pm
3. Nature of Participants : Students of SEM III,V and VII of EXTC Dept.
4. Number of Participants :31
5. Student Coordinator :- Nil
6. Staff Coordinator : Mr Joshua Michael
7. Brief Summary of the Activity/Event (in maximum 500 words):

**a. Objectives :**

1. To make students aware of forming layout of PCB and software's that can be used for PCB and layout formation .
2. To comprehend sustainability through ethical living.

**b. Technical Description :**

The event was conducted to make students aware about the design of PCB and various software those are used for layout formation. The students where given hands-on to design a PCB and various procedure to be followed during preparation of PCB.

The speaker Mr Raghunath Patil was felicitate by Mr Joshua M.

**c. Outcomes :**

**PO 7: Environment and sustainability & PO 8: Ethics:** Speaker guided the students on sustainability, ethics and motivated them for ethical living.

**PO 12: Life-long learning:** Speakers covered the current trends in the industry. They also briefed about the expected skill sets of core branch from the students. Finally asked students to find their needs and become a lifelong learner to achieve the requirement of professional career.

**d. Summary of Feedback :**

A random feedback on the session was collected and summarised below.

  
Staff Coordinator

  
HOD

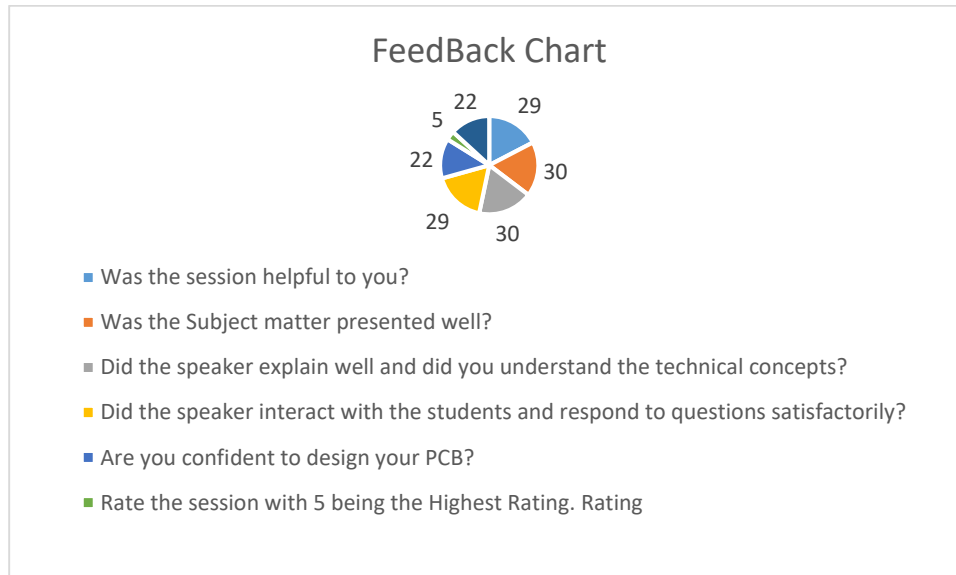


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	Was the session helpful to you?	Was the Subject matter presented well?	Did the speaker explain well and did you understand the technical concepts?	Did the speaker interact with the students and respond to questions satisfactorily?	Are you confident to design your PCB?	Rate the session with 5 being the Highest Rating.	
						Rating	No of students
Yes	29	30	30	29	22	5	22
No	1	1	0	1	0	4	8
Maybe	1	-	1	1	9	3	1
Total	31	31	31	31	31	-	21



e. **Action to be Taken based on Feedback:** The event was very fruitful from students understanding and takeaway of the workshop.

Staff Coordinator

HOD



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**8. Activity / Event Photograph:**



**Theory Session Conducted in Class Room 311**



**Hands on session Practical Session  
conducted in Project Laboratory 1 310**

  
Staff Coordinator

  
HOD



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**Appreciation Letter**



Staff Coordinator

HOD



## IETE-ETSA Students' Forum

### Brief Activity/Event Report

1. Name of the Activity/Event :

30Hrs LabVIEW based Certification Course\_EXTC\_FH2022.

Title: Solutions to Engineering Problems using LabVIEW

2. Activity/Event Venue & Date: January till April 2022

3. Nature of Participants:

Total 20 students from TE Extc, SE-Extc, Electrical and SIES Engg. College

\*Brochure, list of participants are available as annexure 1 & 2 in the course file.

4. Student Coordinator : Ms. Sayna Bharati and Mr. Anay Lakeshri

5. Staff Coordinator :

Prof. Pranali Choudhari	Convener	9833422677
Prof. Yogesh Chandukar	Coordinator	9167110320
Prof. Nilashree Wankhede	Invited Guest	8369353521
Prof. SnehaRevankar	Invited Guest	9987253170

6. Brief Summary of the Activity/Event (in maximum 500 words):

a. Objectives : The course provided opportunity to SE, TE students to enrich their skill set by learning LabVIEW software. Overall development of the student's software skill by knowing sensor interfacing with LabVIEW software for various applications.

b. Technical Description : 30HOURS Certification course organized by EXTC Department of Electronics and Telecommunication Engineering.

**Highlights:** Introduction to virtual instrumentation, Components of LabVIEW, Data flow, Trouble shooting and debugging VI implementing a VI: Tools, pallets, Data Types, variable functions, documenting code, For loop, while loop, case structure etc. were covered under Foundation of LabVIEW course.

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HOD

8E/14-5-2022





## IETE-ETSA Students' Forum

Introduction to programming principals in LabVIEW environment, simple design patterns and sub VI design etc. were explained. Signal Processing Applications- Aliasing, digital modulation, Convolution, FFT examples in LabVIEW were taken. LabVIEW platform is tightly integrated suite of industry standard hardware components and software tools for building all kinds of applications.

Timing a VI, Iterative data transfer, plotting data, structures, relating data: arrays, clusters and type definition Common Design Techniques and patterns: Sequential programming, state machines, architectures, events, timing a design pattern and event Programming, Data Management Techniques: Communicating among multiple loops: Variables, functional global variable, race condition, synchronizing data transfer, File I/O techniques: Low, high and advanced, Controlling the user interface, Creating and Distributing applications, CLAD Sample Exam, were covered.

Introduction to NI Graphical System design platform, NI GSD platform in Communication system design, Tutorial: NI Communication System Design Suite with USRP TX-RX platform NI GSD platform in Integrated Circuits Education, Tutorial: NI Multisim introduction, ELVIS & LabVIEW platform for integrated circuits education, Case Study & Success story.

LabVIEW Applications in Instrumentation and DAQ card interfacing: hands-on practice of sensor and DAQ card interfacing with LabVIEW and live demonstration of applications –Interfacing of temperature, humidity, pressure, flow sensors with DAQ cards and acquire sound and sound measurement, and flow measurement etc. Signal processing VI tools used in Instrumentation applications were demonstrated and learned.

\*Executed sessions schedule is available as annexure 3 in the course file.

\*Attendance record copies are available as annexure 4 in the course file.

MCQ quiz tests were conducted on a different topics during the course.

\*Sample MCQ Quiz and responses are available as annexure 5 in the course file.

**C. Outcomes** : After completing the course, student will be able –

- to learn basic knowledge of virtual instrumentation using LabVIEW to solve engineering problems.
- to analyse the problem statement and identify the sensors, methodologies that suits the requirement.
- To design VI in labVIEW to interface NI devices to meet the specified needs and visualization.

Student Coordinator

Staff Coordinator

SE 19-5-22  
HOD



## **IETE-ETSA Students' Forum**

- To select modern engineering tools from pallets to construct VI using appropriate techniques necessary for solving engineering problems.
- To function on multi-disciplinary teams in the area of automation.
- To keep updating the acquired LabVIEW skills in long term to solve engineering problems using LabVIEW Technologies.

**d. Summary of Feedback: Feedback using Questionnaire in MS Form was taken.**

Feedback based on questions were asked and 100% of students expressed their views in the feedback. This course targeted program outcomes: PO1( Acquire basic knowledge, PO2( Analysis),PO3( design aspects), PO5( Modern tools usage) and PO12 (Lifelong Learning). These POs are **getting mapped with this activity and based on feedback the attainment level for the above PO's is 2.8.**

\*Student's feedback summary is available as annexure 6 in the course file.

- e. Action to be taken based on Feedback:** Some students requested to **have more hands on sessions, offline mode, and capstone projects** as per the suitable time. All care will be taken in next proposed 30 hrs. certification program by the committee.

**f. Certificate:**

Overall experience of this course was indeed very informative and inspiring to execute projects. It gave students the opportunity of learning about the working of LabVIEW software, DAQ card and sensor interfacing and detailed observation of relevant technical aspects and processes.

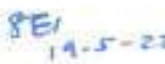
After successful completion of the course the certificates issued to the participants during the Valedictory function on 13<sup>th</sup> May 2022.

\*All certificate copies are available as annexure 7 in the course file.

**7. Activity / Event Photograph :**

  
Student Coordinator

  
Staff Coordinator

  
14-5-22  
HOD





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Student Coordinator

*Sajant*

Staff Coordinator

*[Signature]*

HOD

*SE*

19-5-27



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## IETE-ETSA Students' Forum



### Fr.C.Rodrigues Institute of Technology



Department of Electronics and Telecommunication Engg. invites you to the

Valedictory Function of 30 HRS  
LabVIEW CERTIFICATION COURSE on  
"SOLUTION TO ENGINEERING PROBLEMS USING  
LabVIEW"

conducted by Department of Electronics and  
Telecommunication Engg.  
AND

Rank Wise CERTIFICATE DISTRIBUTION of  
BEST PROJECTS of the Department

**Invited Guest :**

Mr. Akshay Aghase, DroneAcharya  
Aerial Innovations, PUNE

**Date & Time :** 13th May, 2022 at 10AM

**Venue :** Seminar Hall, 1st floor



LabVIEW

**Contact:**

Dr. Pranali Choudhari

(Course Convener)

Mr. Yogesh Chandurkar

(Course and Project Co-ordinator)



Agnel Charities



Fr. C. Rodrigues Institute of  
Technology, Vashi, Navi  
Mumbai  
Electronics and  
Telecommunication  
Engineering Department

**Certification Program on**

**"Solutions to Engineering Problems using  
LabVIEW"**



**LabVIEW™**

Student Coordinator

*Sajna*

Staff Coordinator

*[Signature]*

HOD

*80*

19-5-22





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\*All certificate copies are available as annexure 7 in the course file.

Student Coordinator

Staff Coordinator

HOD

SEI  
17-5-21



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## IETE-ETSA Students' Forum



### Brief Activity/Event Report

- 1 **Activity/Event Venue & Date:** Hands on Laboratory EDC,DSD,EIC and mini project. dated 3/1/2022 and 4/1/2022
- 2 **Nature of Participants:** Students of Electronics and Telecommunication Department
- 3 **Number of Participants:** 68 students
- 4 **Student Coordinator:** Ms. Sayana Bharti and Sarvesh Mahajan .
- 5 **Staff Coordinator:** Mrs. Smita Chopde
- 6 **Brief Summary of the Activity/Event (in maximum 500 words):**
  - a. **Objectives:** Overall development of the students through laboratory performance in off line mode.
  - b. **Technical Description:** A department level hands-on workshop on various experiments in off line mode for Electronic Devices and Circuits, DSD, Electronic instruments and Control System was conducted to give hands on to the hardware experiments in laboratory.
  - c. **Activities:**
    1. The hands on was conducted in association with lab assistants for Electronic Devices and Circuits. The students were involved in conducting the experiments on basics characteristics of transistor, mosfet differential amplifier.
    2. Dr Pranali Choudhari madam conducted workshop on Introduction to components and equipment Latter students continued to perform experiments and understand the use of components and various equipment to perform experiments on RTD LDR and how to use various equipment to carry the experiments on these devices.
    3. Mrs Anita Jadhav and Mrs Nelashree W conducted laboratory experiments in DSD by introducing and

Sayana Bharti

Sarvesh  
Shindhe

IETE

ETSA

Student Coordinator

Smita Chopde

Staff Coordinator

Dr. Milind Shah

HOD



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### IETE-ETSA Students' Forum



identifying Integrated Circuits like AND gate NAND gate OR Gate, NOR gate, EXOR Gate EX AND Gate etc. Students learn the applications these IC's for building digital circuits required for the hardware design of the various digital electronic applications.

- The students later involved in Mini Project workouts selected by them in the Project Lab 1 and 2 respectively from 1.30 pm to 4.30 pm.

**d Outcomes:**

- It helped them understand the modern tool usage (PO5).
- It helped them understand the process for design of solutions (PO3).
- It also helped students to apply the engineering knowledge and the techniques learnt by them during hands on in practice to construct small circuits required for daily handling applications (PO1 and PO2)

**e Summary of Feedback:**

PO5 (Modern tools), with level 2.5, PO9 (Individual and Team Work) with level 2.5, PO10 (Communication) with level 2.5, PO12 (lifelong learning) with level 2.8.

**f Action to be Taken based on Feedback:**

Based on the positive feedback we can consider keeping similar events in the future.

**7 Activity / Event Photograph**

Sayana Bharti

Sarvesh Shindhe

IETE

ETSA

Student Coordinator

Smita Chopde

Staff Coordinator

Dr. Milind Shah

HOD



FR. C. RODRIGUES INSTITUTE OF TECHNOLOGY (VASHI)  
ATTENDANCE SHEET - Batch 1 of 2021  
Date: 15/07/2021  
Department of Electronics & Telecommunication Engineering

Sl. No.	Roll No.	Name	Sl. No.	Roll No.	Name
1	202101	ABHIRAM BILGA	11	202111	SHIVANSHU ADITYA KARNAT
2	202102	ADARSH JAYANT PRADHAN	12	202112	SHRUTI KANUNGU
3	202103	ADARSH KATK	13	202113	SHRUTI ADITYA
4	202104	CHANDAN KATK	14	202114	SHRUTI KATK
5	202105	CHANDAN KATK	15	202115	SHRUTI KATK
6	202106	CHANDAN KATK	16	202116	SHRUTI KATK
7	202107	CHANDAN KATK	17	202117	SHRUTI KATK
8	202108	CHANDAN KATK	18	202118	SHRUTI KATK
9	202109	CHANDAN KATK	19	202119	SHRUTI KATK
10	202110	CHANDAN KATK	20	202120	SHRUTI KATK

FR. C. RODRIGUES INSTITUTE OF TECHNOLOGY (VASHI)  
ATTENDANCE SHEET - Batch 2 of 2021  
Date: 15/07/2021  
Department of Electronics & Telecommunication Engineering

Sl. No.	Roll No.	Name	Sl. No.	Roll No.	Name
1	202121	ABHIRAM BILGA	11	202131	SHIVANSHU ADITYA KARNAT
2	202122	ADARSH JAYANT PRADHAN	12	202132	SHRUTI KANUNGU
3	202123	ADARSH KATK	13	202133	SHRUTI ADITYA
4	202124	CHANDAN KATK	14	202134	SHRUTI KATK
5	202125	CHANDAN KATK	15	202135	SHRUTI KATK
6	202126	CHANDAN KATK	16	202136	SHRUTI KATK
7	202127	CHANDAN KATK	17	202137	SHRUTI KATK
8	202128	CHANDAN KATK	18	202138	SHRUTI KATK
9	202129	CHANDAN KATK	19	202139	SHRUTI KATK
10	202130	CHANDAN KATK	20	202140	SHRUTI KATK

Attendance record Mini Project

Sayana Bharti

IETE

Student Coordinator

Sarvesh Shindhe

ETSA

Smita Chopde

Staff Coordinator

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Attendance Record of EDCL

Attendance Record of EICS Laboratory

Attendance Record of DSDL Laboratory

Sayana Bharti

Sarvesh Shindhe

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## IETE-ETSA Students' Forum



Seminar Conducted on Introduction to Instruments and Components

Sayana Bharti

Sarvesh Shindhe

8EL

IETE

ETSA

Smita Chopde

Dr. Milind Shah

Student Coordinator

Staff Coordinator

HOD



## IETE-ETSA Students' Forum

### Brief Activity/Event Report

- 1 **Activity/Event Venue & Date:** Brainbrawl/ Microsoft Teams, 07<sup>th</sup> September 2021
- 2 **Nature of Participants** Students of Electronics and Telecommunication Department
- 3 **Number of Participants** 43 students
- 4 **Student Coordinator** Mr. Chetan Velonde (IETE) and Mr. Abhinav Jha (ETSA).
- 5 **Staff Coordinator** Mrs. Sneha Revankar
- 6 **Brief Summary of the Activity/Event (in maximum 500 words):**
  - a. **Objectives** Overall development of the students through co-curricular and extra-curricular activities
  - b. **Technical Description** A department level event Brainbrawl was conducted with the main idea to test the knowl.
  - c. **Activities:**

**Stage 1: Quiz Based round:**

Each team had to give an online quiz which covered all the basics of subjects such as Engineering physics, Mechanics, Engineering chemistry, BEE, etc. The quiz was organized on the platform of Quizizz. For qualifying into the next round, each team had to perform their best and be in the top ranks of the leaderboard.

**Stage 2: Software Implementation round:**

All the teams qualifying for this round were given simple tasks and problem which needed to be solved using various online simulation or modelling software for various purpose such as Octave, LTspice, Autodesk Eagle, EasyEDA, Proteus, etc. The problems also including basic coding questions in python and C++ language. The teams were asked to submit the screenshot as well as video of the acquired output. The team were given proper guidelines regarding the outputs they acquire. After the teams have solved the allotted problems, they were provided an online form, which collected all the screenshots and the video recording of the outputs. The team to

Chetan Velonde  
IETE

Abhinav Jha  
ETSA



## IETE-ETSA Students' Forum

solve the greatest number of problems in minimum amount of time qualified for the third and the final round of the event.

### Stage 3: Fastest Finger round:

For stage 3, the qualifying teams had to compete against each other as well as time to answer each question asked correctly to win the contest. This stage was conducted on the platform of Mentimeter. Any one member of the team was asked to log into the game and then the timer started. The team with most number of points wins the complete event.

- |  |   |
|--|---|
| <b>d Outcomes</b>                              | <ol style="list-style-type: none"><li>1. Students were able to demonstrate their interpersonal skills as well as practically apply the knowledge learned in classroom.</li><li>2. Students were able to exhibit qualities such as co-operation, trust, and healthy competition.</li></ol>   |
| <b>e Summary of Feedback</b>                   | <ol style="list-style-type: none"><li>1. Students believed it helped them communicate and explore their logical as well as analytical thinking effectively.</li><li>2. The feedback conducted online targeted the following program outcomes (mapped out of 3): PO1(knowledge) scaled to 2.25, PO10(communication) mapped to 2.39, PO9(individual and team efficiency) was scored 2.60.</li></ol> |
| <b>f Action to be Taken based on Feedback:</b> | <ol style="list-style-type: none"><li>1. Students believed the event was well organised.</li><li>2. Students also believe that it helped them understand the importance of interpersonal skills.</li></ol>  |

Chetan Velonde  
IETE

Abhinav Jha  
ETSA



## IETE-ETSA Students' Forum

### 7 Activity / Event Photograph



Chetan Velonde

Chetan Velonde  
IETE

Student Coordinator

Abhinav Jha

Abhinav Jha  
ETSA

Staff Coordinator

HOD





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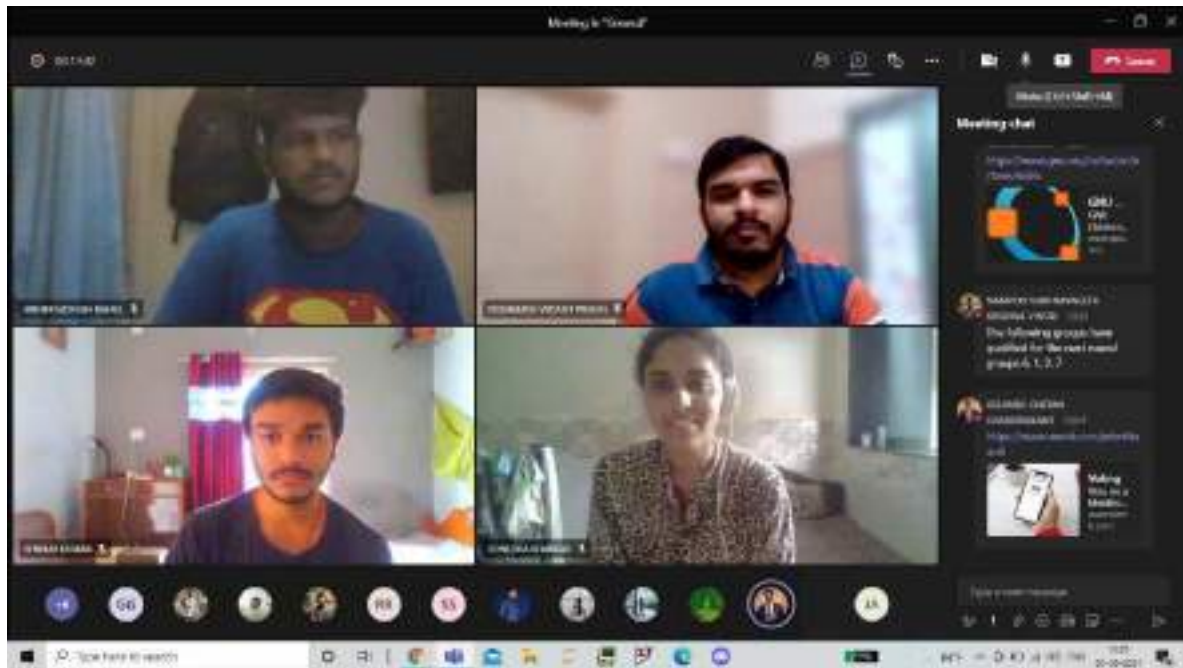
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## IETE-ETSA Students' Forum



सह वीर्यं करवावहे



*Chetan Velonde*

Chetan Velonde  
IETE

Student Coordinator

*Abhinav Jha*

Abhinav Jha  
ETSA

Staff Coordinator

HOD



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**Department of Electronics & Telecommunication Engineering**  
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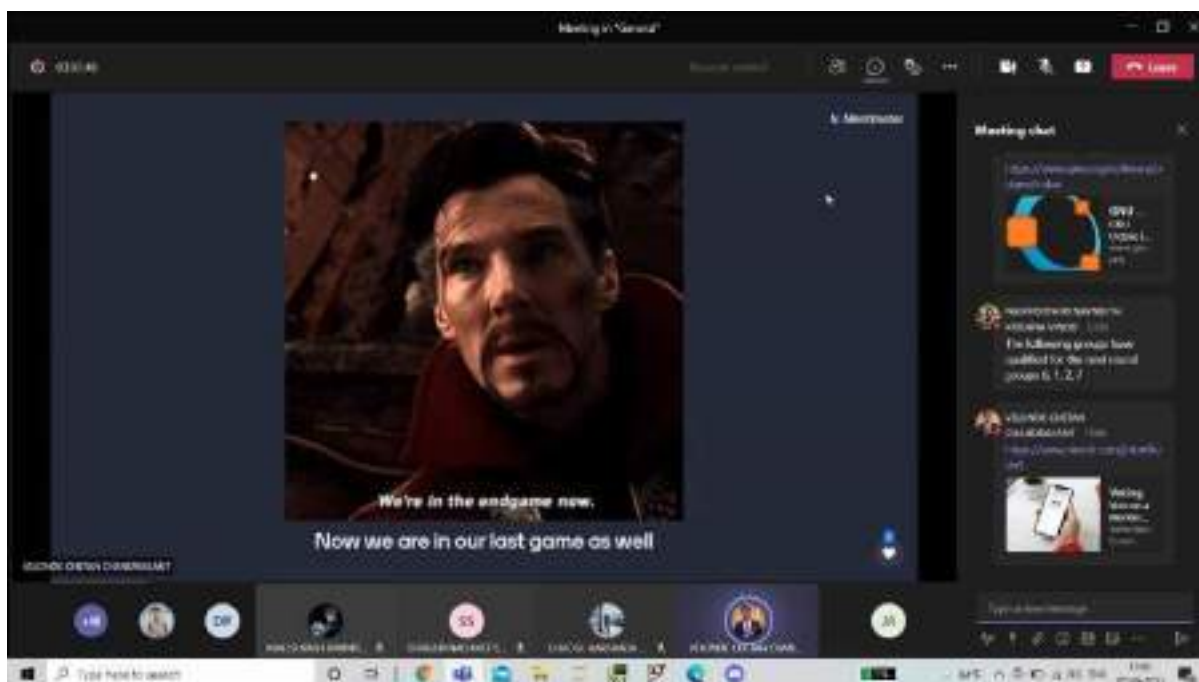
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## IETE-ETSA Students' Forum



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*Chetan Velonde*

Chetan Velonde  
IETE

Student Coordinator

*Abhinav Jha*

Abhinav Jha  
ETSA

Staff Coordinator

HOD



## IETE-ETSA Students' Forum

### Brief Activity/Event Report

- 1 **Activity/Event Venue & Date:** Codigo/ Microsoft Teams, Hackerrank, 07<sup>th</sup> September 2021
- 2 **Nature of Participants** Students of Electronics and Telecommunication Department
- 3 **Number of Participants** 35 students
- 4 **Student Coordinator** Mr. Chetan Velonde (IETE) and Mr. Abhinav Jha (ETSA).
- 5 **Staff Coordinator** Mrs. Sneha Revankar
- 6 **Brief Summary of the Activity/Event (in maximum 500 words):**
  - a. **Objectives** Overall development of the students through co-curricular and extra-curricular activities
  - b. **Technical Description** A department level event Codigo was conducted to improve the way students interact with each other in a team of two present on their coding skills. The students were expected to showcase their technical knowledge as well as coding skillset within given time limit. The students were judged based on their ability to answer within the given time frame.
  - c. **Activities:**

**Stage 1: Technical Quiz:**

A quiz was provided in which the teams were need to solve it in stipulated amount of time. The cumulative score of both the team members were considered. Both the team members had option of selecting different languages for giving the quiz. No elimination was made during this round.

**Stage 2: Hackathon Stage A:**

The objective for this event was only one member of the team was made be on hackerrank while the other team member was made to help. The same question was shared with another member on whatsapp so that both members communicated and solved questions together with each other. Duration of the round was

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## IETE-ETSA Students' Forum

made for 30 minutes. Round 1 and Round 2 scores were cumulatively considered for shortlisting teams to qualify for round 3.

### Stage 3: Hackathon Stage B:

The test was conducted on hackerrank and duration of the round was made of 60 minutes. One member of the team was allowed to be on the platform of hackerrank while the other member was made to help via any platform. The event consisted of 2 rounds both lasting for 50 minutes. The groups were divided into two and then accordingly the set of questions were presented to the groups for first round.

- |  |   |
|--|---|
| <b>d Outcomes</b>                              | <ol style="list-style-type: none"><li>1. Students were able to demonstrate their technical and coding skillset successfully.</li><li>2. Students were able to exhibit qualities such as co-operation, trust, team-building and healthy competition.</li></ol>   |
| <b>e Summary of Feedback</b>                   | <ol style="list-style-type: none"><li>1. Students believed it helped them communicate effectively.</li><li>2. The feedback conducted online targeted the following program outcomes (mapped out of 3): PO1(knowledge) scaled to 2.47, PO10(communication) mapped to 2.47, PO9(individual and team efficiency) was scored 2.55, while PO11(project management) levelled to 2.25.</li></ol> |
| <b>f Action to be Taken based on Feedback:</b> | <ol style="list-style-type: none"><li>1. Students believed the event was well organised.</li><li>2. Students also believe that it helped them understand the importance of technical skills.</li></ol>  |

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### 7 Activity / Event Photograph



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HackerRank									
PREPARE CERTIFY COMPLETE APPLY									
CONTENTS > Round 2 (ETSA) >									
Submissions									
Problem	Team	ID	Language	Time	Result	Score	Status	During Contest	
Round 2 CDD:GD Q1	junivagati	13363825	python3	744	Wrong Answer	0		No	<a href="#">View</a>
Round 2 CDD:GD Q1	gimachhaudhari	13363829	python3	717	Accepted	23		No	<a href="#">View</a>
Round 2 CDD:GD Q1	agacharya2301	13363826	python3	718	Wrong Answer	0		No	<a href="#">View</a>
Round 2 CDD:GD Q1	anvika2023	13363825	python3	716	Wrong Answer	0		No	<a href="#">View</a>
Round 2 CDD:GD Q1	anvika2023	13363825	python3	716	Compilation error	0		No	<a href="#">View</a>
Round 2 CDD:GD Q2	anvika	13363815	python3	1776	Accepted	22		No	<a href="#">View</a>

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## IETE-ETSA Students' Forum

### Brief Activity/Event Report

- 1 **Activity/Event Venue & Date:** Drishya/ Microsoft Teams, 18<sup>th</sup> September 2021
- 2 **Nature of Participants** Students of Electronics and Telecommunication Department
- 3 **Number of Participants** 34 students
- 4 **Student Coordinator** Mr. Chetan Velonde (IETE) and Mr. Abhinav Jha (ETSA).
- 5 **Staff Coordinator** Mrs. Sneha Revankar
- 6 **Brief Summary of the Activity/Event (in maximum 500 words):**
  - a. **Objectives** Overall development of the students through co-curricular and extra-curricular activities
  - b. **Technical Description** A department level event Drishya was conducted with one aim in mind, to encourage free thinking for expressing knowledge in form a visual presentation. The students were asked to form a team of 3-4 and then make a poster and present the same in front of the audience and the jury members. The students were given complete freedom to choose any of the technical domain ranging from Internet of Things to Cybersecurity, etc.
  - c. **Activities:** For the event, the team of 3 to 4 students was required for participating in the event. The team were asked to make a comprehensive poster to explain a particular technical domain which can be any one of the following:
    - Internet of things
    - Artificial Technology
    - Computer Vision
    - 5G Technology
    - Edge Computing
    - Machine Learning
    - Blockchain
    - Robotics
    - Cybersecurity

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- Data Science
- Quantum Computing

The teams had to register for the event by filling an online form. They also had to specify the topic of their choice. On the day of the competition, the teams had to submit their poster prior to the start and then present the poster and explain the same to the audience as well as the judges. Each team had 5 minutes time for Presentation and another 5 minutes for Question-and-answer section from the judges as well as the audience. The posters were judged on the following parameters:

- Ability to Stand Alone: The poster should be able to stand alone as a clear communication of the project without the team present.
- Balance: Text, figures, and space should all be balanced on the poster. Excessive writing should be avoided.
- Creativity: The poster should demonstrate the team members' creative side in order to present some information.
- Conciseness: The poster's material should be prepared in a technical manner.
- Flow: The information on the poster should be presented in a logical order. The reader should be able to easily browse across the poster.
- Accuracy of Information Presented: The poster's scientific content should be correct. The poster demonstrates the team's STEM literacy.
- Presentation skills: Judges may gain insight into the details of the poster presentations. In-depth queries should be able to be answered by the team. This chance allows judges to determine whether teams have a thorough understanding of the domain.

### d Outcomes

1. Students were able to demonstrate their technical and coding skillset successfully.
2. Students were able to exhibit qualities such as co-operation, trust, team-building and healthy competition.

### e Summary of Feedback

1. Students believed it helped them communicate effectively.



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## IETE-ETSA Students' Forum

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- |   |  |  |
|---|--|--|
| f | <b>Action to be Taken<br/>based on Feedback:</b> | <ol style="list-style-type: none"><li>2. The feedback conducted online targeted the following program outcomes (mapped out of 3): PO1(knowledge) scaled to 2.45, PO10(communication) mapped to 2.37, PO9(individual and team efficiency) was scored 2.25, while PO11(project management) levelled to 2.35.</li><br/><li>1. Students believed the event was well organised.</li><li>2. Students also believe that it helped them understand the importance of technical skills.</li></ol> |
|---|--|--|

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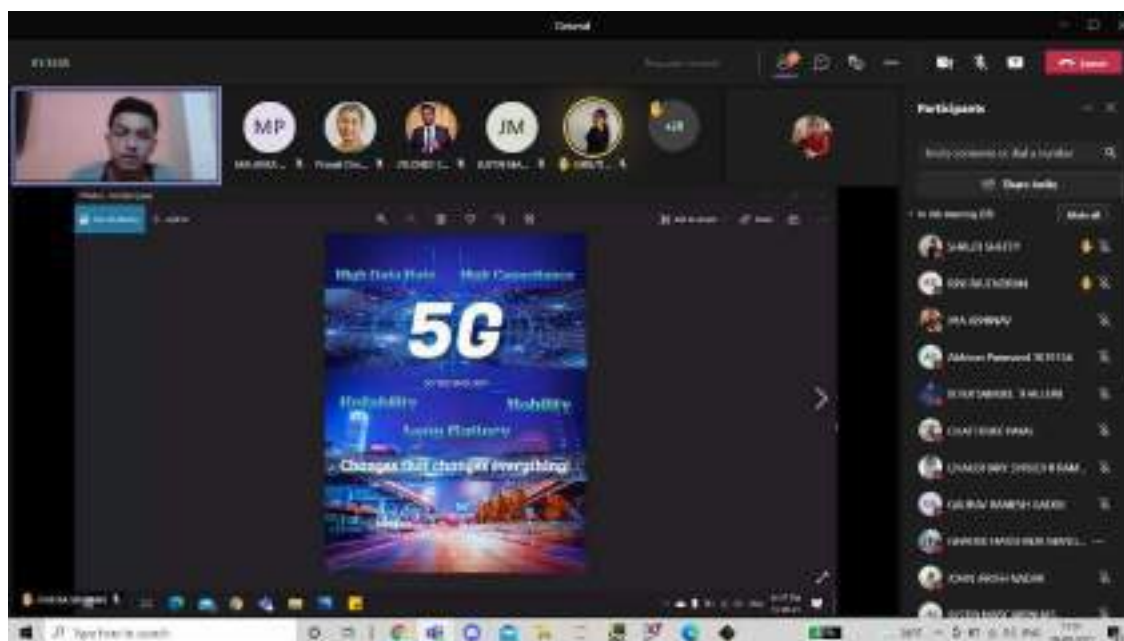
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**7 Activity / Event Photograph**



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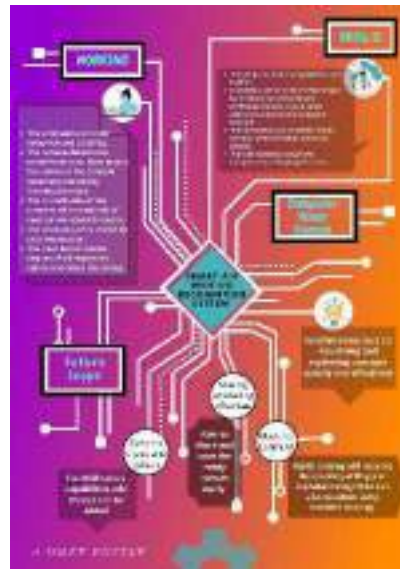
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**8. Submissions done by the students:**



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## IETE-ETSA Students' Forum

### Brief Activity/Event Report

- 1 **Activity/Event Venue & Date:** Equivocal/ Microsoft Teams, Google Meet, 07<sup>th</sup> September 2021
- 2 **Nature of Participants** Students of Electronics and Telecommunication Department
- 3 **Number of Participants** 28 students
- 4 **Student Coordinator** Mr. Chetan Velonde (IETE) and Mr. Abhinav Jha (ETSA).
- 5 **Staff Coordinator** Mrs. Sneha Revankar
- 6 **Brief Summary of the Activity/Event (in maximum 500 words):**
  - a. **Objectives** Overall development of the students through co-curricular and extra-curricular activities
  - b. **Technical Description** A department level event Equivocal was conducted to improve the way students interact with each other and present themselves in a crowd to stand unique. The students were expected to showcase their technical knowledge as well as social awareness and alertness. The students were judged based on their knowledge and skills to present themselves in a crowd.
  - c. **Activities:**

**Stage 1: Video Round:**

A team of 2 students were shown 3 videos and then were asked to solve a quiz based on the video shown. The participants were given a limited amount of time to solve the quiz.

**Stage 2: Taboo Round:**

The main objective of the game was that one member of the team had to guess the word by clues given by the other member with one condition, that he/she cannot speak while providing the clues. The objective was clear and simple which was to bolster co-operation and trust among the team members.

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## IETE-ETSA Students' Forum

### Stage 3: Extempore:

Each student was given a 2-minute time to speak on a particular topic. The topic of the extempore was completely technical and allotted to the students by the organizers itself.

### Stage 4: Technical Debate

A team of 2 students were paired using fair coin toss. The students were given 10 minutes prior the round for preparation purpose.

- |  |   |
|--|---|
| <b>d Outcomes</b>                              | <ol style="list-style-type: none"><li>1. Students were able to demonstrate their interpersonal skills successfully.</li><li>2. Students were able to exhibit qualities such as co-operation, trust, and healthy competition.</li></ol>  |
| <b>e Summary of Feedback</b>                   | <ol style="list-style-type: none"><li>1. Students believed it helped them communicate effectively.</li><li>2. The feedback conducted online targeted the following program outcomes (mapped out of 3): PO1(knowledge) scaled to 2.47, PO10(communication) mapped to 2.47, PO9(individual and team efficiency) was scored 2.55, while PO11(project management) levelled to 2.25.</li></ol> |
| <b>f Action to be Taken based on Feedback:</b> | <ol style="list-style-type: none"><li>1. Students believed the event was well organised.</li><li>2. Students also believe that it helped them understand the importance of interpersonal skills.</li></ol>  |

### 7 Activity / Event Photograph

.... Next page



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### 1. Screenshots of the event



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## **IETE-ETSA Students' Forum**

### **Brief Activity/Event Report**

- 1 Activity/Event Venue & Date:** Perspectives of Semiconductor Technology, Fabrication, Research and Job Opportunities in VLSI Design Microsoft Teams, 18<sup>th</sup> September 2021
- 2 Nature of Participants:** Students of Electronics and Telecommunication Department
- 3 Number of Participants:** 120 students
- 4 Student Coordinator:** Mr. Chetan Velonde (IETE) and Mr. Abhinav Jha(ETSA).
- 5 Staff Coordinator:** Mrs. Sneha Revankar
- 6 Brief Summary of the Activity/Event (in maximum 500 words):**
  - a. Objectives:** Overall development of the students through co-curricular and extra-curricular activities
  - b. Technical Description:** A department level expert talk was scheduled on Perspectives of Semiconductor Technology, Fabrication Research and Job Opportunities in VLSI Design was conducted covering a vast range of topics such as fabrication Architecture, Core building blocks of VLSI Design, Importance and key differences between VLSI Design and Electronics and its applications. Opportunities of this field in IIT Bombay was discussed in planned manner. The details of project conversion into product was also discussed very systematically.

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## IETE-ETSA Students' Forum

### c Activities:

1. The workshop was conducted by Dr Ashwini Rajarushi a faculty from IIT Bombay. The workshop started with the basics of MOSFETS.
2. The speaker then proceeded on to give a basic overview of Scaling, Fabrication and thereby give details of features available on it.
3. Students were explained concepts of product development, its building blocks, procedures and final launch of it.
4. The students were later involved in designing a health monitoring application and were guided systematically in a step by step process in the online medium.

### d Outcomes:

1. It helped them understand the modern tool usage(PO5).
2. It helped them understand the process for design of solutions (PO3).

### e Summary of Feedback:

PO5 (Modern tools), with level 2.5, PO9 (Individual and Team Work) with level 2.5, PO10 (Communication) with level 2.5, PO12 (lifelong learning) with level 2.8.

### f Action to be Taken based on Feedback:

Based on the positive feedback we can consider keeping similar events in the future and students wanted to see CEN Lab of IIT Bombay.

### 7 Activity / Event Photograph

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1. Overview of VLSI Design Technology



2. Research areas of VLSI Design

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## IETE-ETSA Students' Forum



3. CEN Lab at IIT Bombay



4. Future Innovation Areas

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- 1 Activity/Event Venue & Date:** Perspectives of Semiconductor Technology, Fabrication, Research and Job Opportunities in VLSI Design Microsoft Teams, 18<sup>th</sup> September 2021
- 2 Nature of Participants:** Students of Electronics and Telecommunication Department
- 3 Number of Participants:** 120 students
- 4 Student Coordinator:** Mr. Chetan Velonde (IETE) and Mr. Abhinav Jha(ETSA).
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**c Activities:**

1. The workshop was conducted by Dr Ashwini Rajarushi a faculty from IIT Bombay. The workshop started with the basics of MOSFETS.
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**d Outcomes:**

1. It helped them understand the modern tool usage(PO5).
2. It helped them understand the process for design of solutions (PO3).

**e Summary of Feedback:**

PO5 (Modern tools), with level 2.5, PO9 (Individual and Team Work) with level 2.5, PO10 (Communication) with level 2.5, PO12 (lifelong learning) with level 2.8.

**f Action to be Taken based on Feedback:**

Based on the positive feedback we can consider keeping similar events in the future and students wanted to see CEN Lab of IIT Bombay.

**7 Activity / Event Photograph**

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### 1. Overview of VLSI Design Technology



### 2. Research areas of VLSI Design

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3. CEN Lab at IIT Bombay



4. Future Innovation Areas

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## **IETE-ETSA Students' Forum**

### **Brief Activity/Event Report**

- 1 **Activity/Event Venue & Date:** Frostcode/ Microsoft Teams, Google Meet, 07<sup>th</sup> September 2021
- 2 **Nature of Participants** Students of Electronics and Telecommunication Department
- 3 **Number of Participants** 44 students
- 4 **Student Coordinator** Mr. Chetan Velonde (IETE) and Mr. Abhinav Jha (ETSA).
- 5 **Staff Coordinator** Mrs. Sneha Revankar
- 6 **Brief Summary of the Activity/Event (in maximum 500 words):**
  - a. **Objectives** Overall development of the students through co-curricular and extra-curricular activities
  - b. **Technical Description** A department level event Frostcode was conducted to improve the way students interact with each other in a team of two present on their coding skills. The students were expected to showcase their technical knowledge as well as coding skillset within given time limit. The students were judged based on their ability to answer within the given time frame
  - c. **Activities:** The event will consist of 2 rounds both lasting for 50 minutes. All the groups were divided into two and then accordingly the set of questions were presented to the groups for first round. The participants participating in the 1st round would have to solve the questions using the specified language only otherwise they were to be disqualified. The participants were made free to use the internet to search up the syntaxes required to solve the questions. For submissions, the participants were made to record their screen while executing the code and upload it in the google form provided. Only one submission per group was allowed. The first 4 groups that solved the given question from each set were made to be qualified for round 2 i.e., 4 groups from each set would have qualified for the last round. In the last round, the procedure was made to be the same, except there was only be one question and the participants

  
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were made to solve it using the mentioned programming language only.

**d Outcomes**

1. Students were able to demonstrate their interpersonal skills successfully.
2. Students were able to exhibit qualities such as co-operation, trust, team building spirit and healthy competition.

**e Summary of Feedback**

1. Students believed it helped them communicate effectively.
2. The feedback conducted online targeted the following program outcomes (mapped out of 3): PO1(knowledge) scaled to 2.47, PO10(communication) mapped to 2.47, PO9(individual and team efficiency) was scored 2.55.

**f Action to be Taken  
based on Feedback:**

1. Students believed the event was well organised.
2. Students also believe that it helped them understand the importance of interpersonal skills and technical knowledge.

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*[Signature]*

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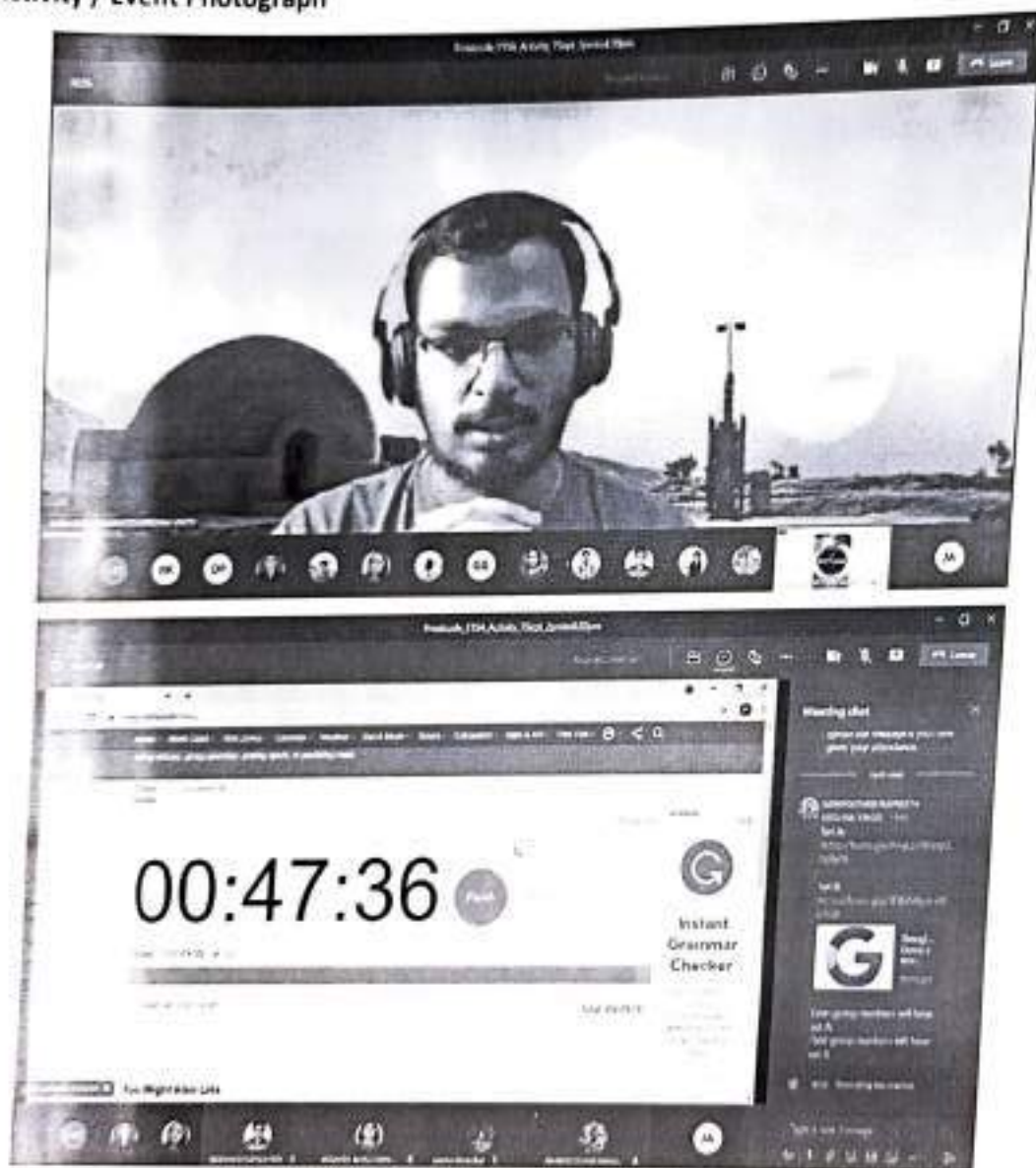
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## IETE-ETSA Students' Forum

### 7 Activity / Event Photograph



*Chetan Velonde*

Chetan Velonde  
IETE

*Abhinav Jha*

Abhinav Jha  
ETSA

*Pradeep*

Staff Coordinator

Student Coordinator

8th Aug - 11-2021

HOD



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## IETE-ETSA Students' Forum



*Chetan Velonde*

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*[Signature]*

Staff Coordinator

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