



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

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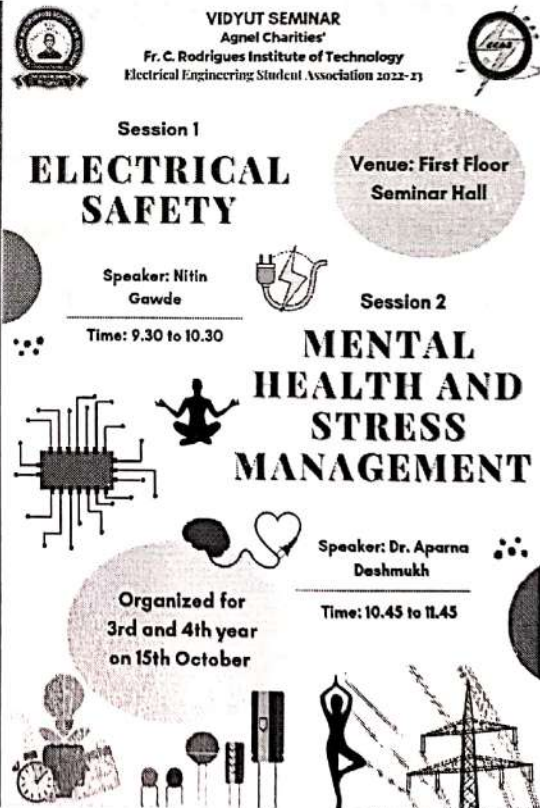
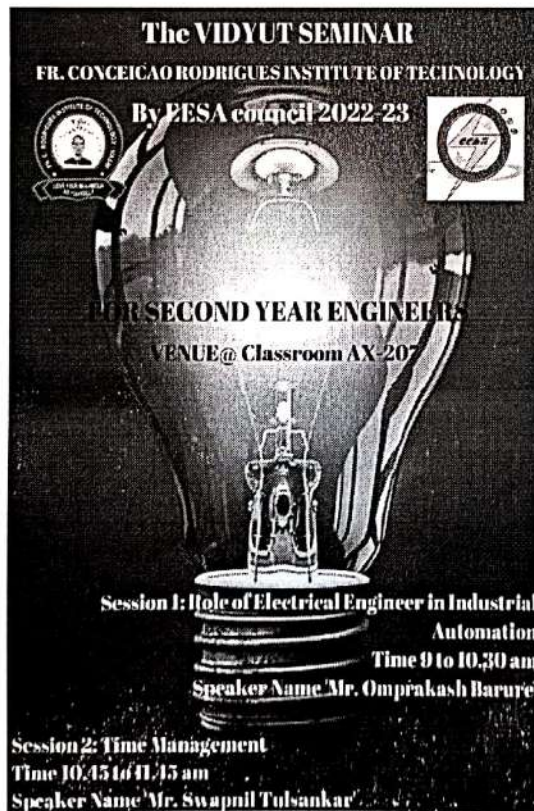


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**Fr. C. Rodrigues Institute of Technology**  
**Vashi, Navi-Mumbai**

**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee:**

1. Name of the Activity/Event : VIDYUT
2. Activity/Event Venue & Date : AX-116 (First Floor Seminar Hall) and  
Classroom AX-207 New Building  
Date: 15 October 2022
3. Nature of Participants : Students of SE, TE, and BE Electrical
4. Number of Participants : SE(33)+TE(65)+BE(60) = 158
5. Student Coordinator : Mr. Anand Kashid (EESA Chairperson)
6. Staff Coordinator : Prof. Rajendra Soni
7. Resource Person : Mr. Omprakash Barure, Mr. Swapnil Tulsankar,  
Mr. Nitin Gawde, Dr. Aparna Deshmukh
8. Brochure :



  
Staff Coordinator

  
HOD



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

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


**a. Objectives**

- : 1. To provide students with knowledge on electrical safety issues and consequent responsibilities relevant to the professional engineering practices.**
- 2. To create awareness amongst students about how to take care of mental health and how to manage stress.**
- 3. To impart life-long learning to students about role of electrical engineers in Industrial Automation and also about technological advancements in the field of engineering over the years.**
- 4. To introduce time management skills to students which they can apply to their own work, or as a member or leader in a team.**

**b. Technical Description : The Vidyut Seminar Series is organized by the Electrical Engineering Students' Association of department every semester. Experts from Industry are invited to deliver sessions on diverse topics that will help students to gain knowledge on topics in the context of outside their engineering curriculum.**

**c. Outcomes : PO6, PO11, PO12**

  
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**Vashi, Navi-Mumbai**

**d. Attendance of Participants:**

SESSION: ROLE OF ELECTRICAL ENGINEER IN  
 INDUSTRIAL AUTOMATION

Fr. C. RODRIGUES INSTITUTE OF TECHNOLOGY, Vashi. Electrical Engg. Dec 2022

3

SUB: VEDYUT SEMINAR

Date: 15-12-22 Time: 10:30 AM

LECT/ TUT/ PRACT

	BATCH 1	Roll #	Sign	Sl. #	BATCH 2	Roll #	Sign
1	BAGADE ATILASHA SHANKA	4021101	AB	36	SHEHDE PRATHAMESH HAI	4021136	AB
2	BIDE NIKHIL SANJAY	4021102	AB	37	SHETTY SHANISHANK DHANA	4021137	AB
3	BOPKAR RAHIL ABDUL HAI	4021103	AB	38	SHETTY TUSHAR MADHUKA	4021138	AB
4	CYRIL WILLIAM	4021104	AB	39	SHIH PARAMVEER	4021139	AB
5	DAINKAR BIDDHESHI DILIP	4021105	AB	40	SODHAWANE KIRTI PRADIP	4021140	AB
6	DAIKAR SWAYASHI BHANT	4021106	AB	41	SODHAWANE KIRTI PRADIP	4021141	AB
7	DAWANE DEEPAHAR SAN	4021107	AB	42	TAYADE ATILASHA NAREND	4021142	AB
8	DAWAR RAHIL VARANT	4021108	AB	43	THAKUR AYMAN ASHFAQ	4021143	AB
9	DHADKE YASH VILAS	4021109	AB	44	THAKUR SOHAM NARDESH	4021144	AB
10	DASHAP VINIT NARDESH	4021110	AB	45	VAKRA BARTILAK RAMVIR	4021145	AB
11	DASTAP RAHIL SUNIL	4021111	AB	46	WACHHODE RAJAL SHAH	4021146	AB
12	DAVKAR ANIKET PRANESH	4021112	AB	47	YADAV PRATHAMESH RAMS	4021147	AB
13	D. KANBLE RITIKA RAJEND	4021113	AB	48	PATE MAYUR	4020132	AB
14	KALNILE VIKRAM CHANAK	4021114	AB	BATCH 3 - DSR			
15	KESHANKEKARA CHRISTINE	4021115	AB	49			
16	KONDAD YASHI ASHUT	4021116	AB	50			
17	KUMBHAR ROHIT SOHANS	4021117	AB	51			
18	MAHAJAN YASH	4021118	AB	52			
19	MALI SHIVANSHU RAJESH	4021119	AB	53			
20	MALUNJIKAR OM SURESH	4021120	AB	54			
21	MANDE ROHIT DEEPAK	4021121	AB	55			
22	NAYKAR SHREYASH SURESH	4021122	AB	56			
23	NIGATRE VAIBHAVI SANJAY	4021123	AB	57			
24	NISHAD ASHISH RAJKUMAR	4021124	AB	58			
25	PANDEY SHREESHYHA	4021125	AB	59			
	BATCH 2			60			
26	PARIYA SUDHAM DITARAM	4021126	AB	61			
27	PATIL AJAY SHRESHTH	4021127	AB	62			
28	P. PEDANKAR SIDDHI NARDE	4021128	AB	63			
29	PRADIL OM VISHNULAS	4021129	AB	64			
30	PURI SANJEEV REVANNHAR	4021130	AB	65			
31	RAJPUT SWAMI SATTARSHING	4021131	AB	66			
32	RAUT OMKAR ANKUSH	4021132	AB	67			
33	ROKADE GADIRANG RAJESH	4021133	AB	68			
34	SALUNKHE VIRATYAK BIKAR	4021134	AB	69			
35	SAWALKAR HARSH AJAY	4021135	AB	70			
Present # 32		Absent # 16		Staff Name & Sign: Anand			

ANAND S.

*Min*  
 aff Coordinator





# Agnel Charities

## Fr. C. Rodrigues Institute of Technology

### Vashi, Navi-Mumbai

#### Session 2: TIME MANAGEMENT

Fr. C. RODRIGUES INSTITUTE OF TECHNOLOGY, Vashi - Electrical Engg. De 2022						
Date: 15-10-22 Time: 10:45 AM - 11:45 AM						
LECT / TUT / PRACT						
BATCH 1		Roll #	Sign	Sr. #	BATCH 2	
1	MAHADEVI ATHARVA BHASKAR	4021101	AB	36	SHINDH. PRATHAMESH NAY	4021136
2	INDHU NIRAN KANJAY	4021102	AB	37	SHETTY PRADEEPK DUKANA	4021137
3	BHASKAR RASHI AINDIL KAN	4021103	AB	38	SHETTY TUSHAR MADHUKA	4021138
4	CYRIL WILLIAM	4021104	AB	39	SHINDH. PARAMVEER	4021139
5	DAIKWADE RIDDHIKESH DAIM	4021105	AB	40	SHINDH. KIRTI PRAMOD	4021140
6	DAIKWADE RAVYASHI SHANT	4021106	AB	41	SHINDH. SURABHI NIKH	4021141
7	DAVIKANE DEEPAKSHU NAY	4021107	AB	42	TAYADE ATHARVA NAREND	4021142
8	DAWAD RASHI VASANT	4021108	AB	43	THAKUR ATMAN ASHFAQ	4021143
9	GHAIKHE YASH VILAS	4021109	AB	44	THAKUR BOHAN MANOESH	4021144
10	JADHAV VINIT MANOESH	4021110	AB	45	VARMA BARTHAK PAVAN	4021145
11	JAGTAP GAJIL SUNIL	4021111	AB	46	WAGHMODE RAJAL SHAH	4021146
12	JAVKAN ANIKET PRAKASH	4021112	AB	47	YADAV PRATHAMESH RAMS	4021147
13	KAMBLE RITIKA RAJENDR	4021113	AB	48	PATIL MAYUR	4020122
14	KAMBLE VIKRAM DHAVAL	4021114	AB	BATCH 3 - DBE		
15	KESHAVKAR GURITIKET	4021115	AB	49		
16	KOHAD YASH ABHILIT	4021116	AB	50		
17	KUMBHAR ROHIT SUNAS	4021117	AB	51		
18	MAHAJAN YASH	4021118	AB	52		
19	MALI KUNALBHAD RADHESH	4021119	AB	53		
20	MALUNJIKAR OM SURESH	4021120	AB	54		
21	MANDVE ROHIT DEEPAK	4021121	AB	55		
22	MAYEKAR SHREYASH SHRI	4021122	AB	56		
23	MHATRE VAIBHAVI SANJA	4021123	AB	57		
24	MISHRA ABHIRAM RAJKUMAR	4021124	AB	58		
25	PANDEY SHRESHTHA	4021125	AB	59		
BATCH 2				60		
26	PARTHA SHIVAM GITARAM	4021126	AB	61		
27	PATIL AJAY SIKESHERAO	4021127	AB	62		
28	PEDAMKAR RIDDHI NAREND	4021128	AB	63		
29	PRABHU OM VISHNU DAS	4021129	AB	64		
30	PUNIT KANJESY REVASHNAV	4021130	AB	65		
31	RAJPUT SWAMI SATYARAJ	4021131	AB	66		
32	RAUT OMKAR ANKUSH	4021132	AB	67		
33	ROKADE GAURANG RAJESH	4021133	AB	68		
34	SALUNKHE VISHAYAK BHAR	4021134	AB	69		
35	SAWALKAR HARSH AJAY	4021135	AB	70		
Present #	33	Absent #	15	Staff Name & Sign:		

Staff Coordinator

HOD



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

SESSION 1 : ELECTRICAL SAFETY Awareness



FR. C. RODRIGUES INSTITUTE OF TECHNOLOGY, VASHI - Electrical Engg. De 01 2022  
SUB: V IDYUT SEM3 NAR Date: 15-10-22 Time: 11 AM - 11 PM

Sl. #	BATCH 1	Roll #	APR	Sl. #	BATCH 2	Roll #	APR
1	CHAKRABORTY SHIRUTI	4020103		31	GORAVI VINDITA	4020155	
2	DEOLIKAR VIGHNESH	4020104		32	HEHMAI NEGHIRAJ	4020156	
3	TATMAL PURVA	4020105		33	YADAV RAIRAJ	4020157	
4	HARIL YOGESH	4020106		34	KAMBLE AVISHKAR	4020158	
5	KARUNAR SAURABH	4020107		35	GAHOKAR SANKET	4020159	
6	KEDARI SUBHANT	4020108		36	VISHU SAGAR	4020160	
7	KHATRE PIYUSH	4020109		37	DETHI ANISH	4020161	
8	MARANALE SHANTANU	4020110		38	HAIRWANTWALA HUSEFA	4020162	
9	MARNE GANESH	4020111		39	DESHMUKH SIDDHESH	4020163	
10	MORSE ROHAN MIHND	4020112		40	GAJARE TRUPTI	4020164	
11	PALANDE PRATHAMESH	4020113		41	JADHAV GANESH	4020165	
12	PANAI PRATHIN PRANESH	4020114		42	KHETLE SUBHANT	4020166	
13	PARAB SALONI	4020115		43	BALHOT KAJAR	4020167	
14	FATIL HIMANSHU	4020116		44	HODAWADEKAR SANSKRIT	4020168	
15	FATE KARAN	4020117					
	BATCH 2		APR	45	AURORA ROHAN	4020169	
16	PAWAR SHUBHAM	4020118		46	BHILAWADKAR VINAYAK	4020170	
17	PAJAPATI YASH	4020119		47	DORNALA NILAVANA	4020171	
18	RAJPUT MOHIT RANJITSING	4020120		48	BERNARDOS ALDRIGH AGNE	4020172	
19	SAYYED MOIZ	4020121		49	GEORGE STEVE	4020173	
20	SERMA ANAMITA ADITYA	4020122		50	KARHADE KAUSHAL	4020174	
21	SHINDE SURESHYOG	4020123		51	KUSHWALA SHUBHAM	4020175	
22	SHRIVASTAVA ARYAV	4020124		52	LAD SRUSHTI	4020176	
23	SINGH ANSHUMAN	4020125		53	MAINKAR SAUMITRA	4020177	
24	UNBIKAR CHEVAN CHAND	4020126		54	AMHATRE SWARADA	4020178	
25	VANJANI SIDDHARTHA	4020127		55	MHATRE HARSH	4020179	
26	ZOPE HARSHVARDHAN	4020128		56	HAIR ANURAG	4020180	
27	TALELE DHANASHRI	4020129		57	NAMBIAR ABHISHEK ANIL	4020181	
28	WALNUSKAR YASH	4020130		58	PANDA ANURAG	4020182	
29	SURVE SIDDHARTHI	4020131		59	PRASAD NIVEDITA	4020183	
30	OTURKAR JAYESH	4020132		60	RODRIGUES NOEL COSMAS	4020184	
				61	SHAN KRUSHANG	4020185	
				62	SHEKLE ROHIT	4020186	
				63	YADAV AAYUSH	4020187	
				64	GHARAT VIKUL	4020188	
				65	KASHID ANAND	4020189	
				66	GAHOKAR SAURABH	4020190	
				67	KULKARNI ATHARVA	4020191	

Present # 65

Absent # 02

Staff Name & Sign:

*Mind*

Staff Coordinator

HOD





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

SESSION 2 : MENTAL HEALTH - Attendance  
STRESS MANAGEMENT  
Fr. C. RODRIGUES INSTITUTE OF TECHNOLOGY, Vashi - Electrical Engg. De 5H 2022 5

SUBJ: VIOYUT

Date: 15-10-22 Time: 11-12

LECT/ TUT/ PRACT

Sr. #	BATCH 1	Roll #	APR	Sr. #	BATCH 2	Roll #	APR
1	CHAKRAKARTY BHIRUTI	4020103		31	CHUNAVI VIDHYA	4020151	
2	DUDHIAN VICHITRESH	4020104		32	DHIMAL NEGHIRAJ	4020156	
3	DURAI PURVA	4020107		33	VAINY BAIKAL	4020157	
4	DIKEL YOGESH	4020110		34	KAMIK AVISHIKAR	4020158	
5	KADISHAN SAURABH	4020111		35	KAMIKAR HANKEET	4020159	
6	KEDARI SUSHANT	4020113		36	VIRDI ADAR	4020160	
7	KILAKI PITUSH	4020114		37	DEETHI AMISH	4020162	
8	MAHARAJE SHANTANU	4020116		38	DAIWANIWALA HUZefa	4020163	
9	MASKE GANESH	4020120		39	DEEMINIKI SIDDHESH	4020164	
10	MOKTE ROHAN MILIND	4020123		40	GANJARE TRUPTI	4020165	
11	PALANDE PRATHAMESH	4020126		41	JADHAV GANESH	4020167	
12	PANAH PRATAP PRAKASH	4020128		42	KHITTE SUSHANT	4020168	
13	PANAH BALOM	4020140		43	DALJOT KAUR	4020170	
14	PATIL HIMANSHU	4020130		44	HODANWADIKAR SANKERU	4020171	
15	PATIL KARAN	4020131			BATCH 4		RES
	BATCH 2		APR	45	AURORA ROHAN	4020101	
16	PAWAR SHUBHAM	4020133		46	BHULAWADIKAR VINAYAK	4020102	
17	PRAJAPATI YASHI	4020134		47	DORHALA DHAVANA	4020106	
18	RANJUT MOHIT KANJITSING	4020135		48	PERNANDES ALDRIGH AGNE	4020108	
19	SAYYED MOIZ	4020138		49	GEORGE STEVE	4020109	
20	SHARMA ANAMKA ANITA	4020140		50	KARIKAD KAUSHAL	4020112	
21	SHINDE SHREYOG	4020142		51	KUSHWAHA SUDHAR	4020116	
22	SHRIVASTAVA ARYAV	4020143		52	LAD SRUSHTI	4020117	
23	SINGH ANSHUMAN	4020144		53	MAINKAR SAURITRA	4020119	
24	UMDARKAR CHETAN CHAND	4020145		54	MHATRE KWARADA	4020121	
25	VANJARI SIDDHARTHA	4020146		55	MHATRE HARSH	4020122	
26	ZOPE HANSHIVARDHAN	4020148		56	NAIN ANURAG	4020124	
27	TALELE DHANASHRI	4020150		57	RAMDAR ANSHUHEK ANIL	4020125	
28	WALHUNKAR YASHI	4020151		58	PANDA ANUBHAV	4020127	
29	SURVE SIDDHARTH	4020152		59	PRASAD NIVEDITA	4020135	
30	OTURKAR JAYESH	4020154		60	RODRIGUES ROEL COSMAS	4020137	
				61	SHAH KRUSHNANG	4020139	
				62	SHELKE ROHIT	4020141	
				63	YADAV JAYESH	4020147	
				64	CHAKAT VIPUL	4020153	
				65	KASHID ANAND	4020161	
				66	GAIKWAD SAURABH	4020166	
				67	KULKARNI ATHARVA	4020169	

Present # 65

Absent # 2

Staff Name & Sign: *Mind*

DATE: 15-10-22

Staff Coordinator

HOD





# Agnel Charities

## Fr. C. Rodrigues Institute of Technology

### Vashi, Navi-Mumbai

#### SESSION 4: ELECTRICAL SAFETY



Fr. C. RODRIGUES INSTITUTE OF TECHNOLOGY, Vashi - Electrical Engg. Dept

SIT 2022 Sem: 7

DD VI DYUT SEMINAR Date: 18/10/22 Time: 10 AM - 11 AM

LECT / TUT / PRAC

Sl. No.	Batch 1	Roll No.	Sign	Sl. No.	Batch 2	Roll No.	Sign
1	ANAND UNDESHIMAN	4019101		31	PYTHI KUMAR	4019140	
2	ARTO BEN	4019102		32	PRADHAN KARAN VINOD	4019141	
3	ARTIYA ANANT	4019103		33	RAJAT VIKRANT	4019142	
4	DEEPI DEVI RITANAM	4019104		34	RAHUL GANESH JAYANT	4019143	
5	CHAIKE RAHUL PRAKASH	4019105		35	SHAMPA RITVANT	4019144	
6	CHANDAN ANAND PRAKASH	4019106		36	SHIVACHANDAN ASHISH PRAKASH	4019145	
7	VISHNUPATI KANAKRUTIKA	4019107		37	SITOM VIDHANESH	4019146	
8	ABHIR UZAIR	4019108		38	SURPARAK SHASHI DHANRAJ	4019147	
9	ANIL U KHINDESHWAR KUMAR	4019109		39	TANAY VEDANT SURESH	4019148	
10	GUPTA SURESH KUMAR KANA	4019110		40	TANPATIYAN DILIPAN KISHOR	4019149	
11	INOLE KARANAL HITIN	4019111		41	TONIK PRANAV GURUPAJ	4019150	
12	JADHAV AYUSH VIKRANT	4019112		42	VASTAV CHIRMAV KUNAL	4019151	
13	JHA RITIK	4019113		43	KANI RITIK	4019152	
14	JOSEPH GEORGE JOSEPH	4019114		44	YADAV RIVEDITA H	4019153	
15	KADAM RANJEET DHANRAJ	4019115		45	MUHAMMAD MUHAMMAD LIPU	4019154	
16	KANHE RANJEET	4019116		46	MAHAR NAHIL RANU	4019155	
17	KANHE KUNAL KANAL	4019117		47	KAUSHAL ANANDHARAJAN	4019156	
18	KANHAIYA VIKRANT PRAKASH	4019118		48	SURYANANDHI VAISEKAV	4019157	
19	KANHEKAR RUSHANT SANKU	4019119					
	Batch 3						
20	KULKARNI ANCHIT AJIT	4019120		49	LYAS DIVYA PRAKASH	4019158	
21	LAHANS SONALI KARAN	4019121		50	MISHRA HARSHAL RANESH	4019159	
22	LONDRE TANUSHREE DAD	4019122		51	MURKE AYUSHINA ANIL	4019160	
23	MAMTA NAGESH SHIVAR	4019123		52	CHAVAN SOOJA RAMDAS	4019161	
24	MALINI AYUSH KISHAN KUN	4019124		53	GHORGE RAKESH KUNAL	4019162	
25	MILIND RITESH SURESH	4019125		54	NARTIKKAR KANAKAN	4019163	
26	MAHEKAR SHREYI SHRIKA	4019126		55	WADKAR GAURAV RAJESH	4019164	
27	MHATRE BISHANIL RAJAN	4019127		56	KATELITA DHARAA DILIP	4019165	
28	MAR SHREY VENU	4019128		57	TEJAS PARNISUMAN KUNAL	4019166	
29	PACHPAND VEDANT VITTHAL	4019129		58	MAHAJAN RITESH VINAYAK	4019167	
30	PANCHAL PAVAN SHARAD	4019130		59	PANDAY ADISHNEK VIJAY	4019168	
31	PHILAR TEJAS PANDIT	4019131		60	JATIL PRATHAMESH CHA	4019169	
32	PANALKAR ARIHANT SANKU	4019132		61	AATUSH KUNAL	4019170	
33	PATEL KOMAL DEVANAND	4019133		62	SHADAR ANVIT	4019171	
34	PATEL PIYUSH RAJARAM	4019134		63	NAR ABHISHEK	4019172	
35	PATEL SHREY KANISHKA	4019135		64	SINOH ABHISHEK	4019173	
36	PATIL CHIRMAV DEEP	4019136		65	WILSON ARNOLD	4019174	
37	PEDNEKAR TANMAY KANU	4019137		66	VEJANT MISHRA	4019175	
38	PHAPALE VIKAS VIKAS	4019138					
	Batch 4						
	Batch 5						

Present: 60

Absent: 4

Wings of 1 of 5

Staff Coordinator

HOD



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

Session 2: MENTAL HEALTH BE-Attendance



Fr. C. RODRIGUES INSTITUTE OF TECHNOLOGY, Vashi - Elephanta Road, Dept

0012022 Page: 7

SUB: VIDYUT

Date: 15/10/21 Time: 11-12

LECT/TUT/PRAC

Sl. #	Batch 1	Roll #	Sign	Sl. #	Batch 2	Roll #	Sign
1	AMAND UMMAJESHAN	4019101	AB	39	PITUBI SURAN	4019140	AB
2	ARTOYEN -AB-	4019102	AB	40	PRASHAN KEDAR VIKRANT	4019141	AB
3	ARTITVA ANANT	4019103	AB	41	UDANITI VIKRANT	4019142	AB
4	DEKTE BHIT SHAMAM	4019104	AB	42	RAMANUJ GATRAY JAYANT	4019143	AB
5	CHALAK BASHI PRASAD	4019105	AB	43	A. TEJASWEE SHIVANI	4019144	AB
6	CHALAKARI ANAGHI PRASAD	4019106	AB	44	SHRISAKSHITA ANSHU PRASAD	4019145	AB
7	A. DESHBHUSHAN RAMKRISHNA	4019107	AB	45	SHRUTI VINHAYAN	4019146	AB
8	ANVED VASARI -AB-	4019108	AB	46	SHRUTAM. HARSHI SHIVANI	4019147	AB
9	PRASHANT KUNDESHWAR KUNDE	4019109	AB	47	ZALANI. YEDANT SHIVANI	4019148	AB
10	GUTTA. KIRAN KUNAL KARAN	4019110	AB	48	SAHAPRAKASH ANAND KUNAL	4019149	AB
11	UNNATY HARSHAL NITH	4019111	AB	49	ROHINI PRANAV GURURAJ	4019150	AB
12	JADHAV AYUSH VISHWAS	4019112	AB	50	VAITAX CHINMAIYAN	4019151	AB
13	JHA RETAN	4019113	AB	51	MANI BIRUTHI	4019152	AB
14	JOSEPH GEORGE JOSEPH	4019114	AB	52	A. YADAV SURESH K	4019153	AB
15	KADAM SAKSHI SHAMAD	4019115	AB	53	MUNAND VISHWAS UPA	4019154	AB
16	KAMBLE RAJESH	4019116	AB	54	ZAGADE SAKSHI SAKSHI	4019155	AB
17	KAMBLE SURAJ DADAR	4019117	AB	55	A. RAUNHAL ARADHAN	4019156	AB
18	KASINAJA VIKAS RAJESH	4019118	AB	56	A. SURYANASHI VISHWAS	4019157	AB
19	KUCHIKAR SURESH SAKSHI	4019119	AB				
	Batch 2				Batch 4		
20	KULKARNI ARCHIT AJIT	4019120	AB	57	A. YAS SURYA PRASHANT	4019158	AB
21	LAKSHY SONALI KALAS	4019121	AB	58	MISHRA HARSHAL RAJESH	4019159	AB
22	LONDHE TANUSKAR SAKSHI	4019122	AB	59	A. SURVE ANUSHA ANIL	4019160	AB
23	MAHARAD NAGESH SHIVAN	4019123	AB	60	A. CHAVAN PHOJA RAMDAS	4019161	AB
24	MALIK ANUSH KRISHAN KUN	4019124	AB	61	A. GHADGE SAKSHI SUNE	4019162	AB
25	MAURYA RITESH INDRAN	4019125	AB	62	KARTHIKAR SAKSHI SUNE	4019163	AB
26	A. MAYEER BHUTTI SHRIKA	4019126	AB	63	A. WADKAR GAURAN KANISH	4019164	AB
27	MATHEW RISHABH RAJAN	4019127	AB	64	A. KASABYA DILKASHI SHAR	4019165	AB
28	A. NAKH BHUTTI VENU	4019128	AB	65	TEJAS PARSHURAM KUNAL	4019166	AB
29	PACHUND VEDANT VITTHA	4019129	AB	66	MALHAN RITESH VISHAL	4019167	AB
30	PANCHAL PADAM NEVROUTI	4019130	AB	67	PANDEY AKSHITESH VIJAY	4019168	AB
31	SHELAR TEJAS PANDIT	4019131	AB	68	JATPAL PRATHAMESH CH	4019169	AB
32	PATILKAR ATITHYA SANT	4019132	AB	69	AAYUSH KUMAR	4019170	AB
33	A. PATIL KUNAL DEVANAND	4019133	AB	70	A. NADAN ASHOK	4019171	AB
34	PATIL PRANAV RAJAN	4019134	AB	71	NAR ABHISHEK	4019172	AB
35	PATIL BHUTTI JAYAN	4019135	AB	72	SINCH ANSHUJIT	4019173	AB
36	PAWAR CHINMAY DILIP	4019136	AB	73	UNILSON ASHOK	4019174	AB
37	PEENKAR TASHAY BABU	4019137	AB	74	SHIVANT MISHRA	4019175	AB
38	CHAPALE VIKAS	4019138	AB				
	Present #	59	Absent #	15			

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

**e. Summary of Feedback :**

Feedback Summary for Session 1 (TE and BE)				
Topic: Electrical Safety				
To what extent was the speaker knowledgeable, organized, and effective during the presentation?	Excellent 67%	Good 28%	Satisfactory 4%	Poor 1%
How do you rate the overall effectiveness of the session?	Excellent 67%	Good 27%	Satisfactory 6%	Poor 0%
How much the session was useful from knowledge and information point of view?	Excellent 66%	Good 28%	Satisfactory 6%	Poor 0%
How relevant was the content delivered by the speaker?	Excellent 71%	Good 23%	Satisfactory 5%	Poor 1%
Do you need more such sessions in future?	Yes 83%	No 6%	Maybe 11%	
Total No of Students Given Feedback				83

  
Staff Coordinator

  
HOD





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**Feedback Summary for Session 2 (TE and BE)**

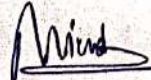
**Topic: Mental Health and Stress Management**


To what extent was the speaker knowledgeable, organized, and effective during the presentation?	Excellent 70%	Good 26%	Satisfactory 4%	Poor 0%
How do you rate the overall effectiveness of the session?	Excellent 71%	Good 23%	Satisfactory 6%	Poor 0%
How much the session was useful from knowledge and information point of view?	Excellent 71%	Good 21%	Satisfactory 8%	Poor 0%
How relevant was the content delivered by the speaker?	Excellent 71%	Good 22%	Satisfactory 6%	Poor 1%
Do you need more such sessions in future?	Yes 82%	No 6%	Maybe 12%	
<b>Total No of Students Given Feedback</b>				<b>82</b>

**Feedback Summary for Session 1 (SE)**

**Topic: Industrial Automation**

To what extent was the speaker knowledgeable, organized, and effective during the presentation?	Excellent 68%	Good 32%	Satisfactory 0%	Poor 0%
How do you rate the overall effectiveness of the session?	Excellent 59%	Good 41%	Satisfactory 0%	Poor 0%

  
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How much the session was useful from knowledge and information point of view?	Excellent 82%	Good 18%	Satisfactory 0%	Poor 0%
How relevant was the content delivered by the speaker?	Excellent 64%	Good 36%	Satisfactory 0%	Poor 0%
Do you need more such sessions in future?	Yes 77%	No 5%	Maybe 18%	
<b>Total No of Students Given Feedback</b>				<b>22</b>

<b>Feedback Summary for Session 2 (SE)</b>				
<b>Topic: Time Management</b>				
To what extent was the speaker knowledgeable, organized, and effective during the presentation?	Excellent 66%	Good 29%	Satisfactory 5%	Poor 0%
How do you rate the overall effectiveness of the session?	Excellent 62%	Good 33%	Satisfactory 5%	Poor 0%
How much the session was useful from knowledge and information point of view?	Excellent 71%	Good 24%	Satisfactory 5%	Poor 0%
How relevant was the content delivered by the speaker?	Excellent 62%	Good 29%	Satisfactory 5%	Poor 4%
Do you need more such sessions in future?	Yes 86%	No 10%	Maybe 4%	
<b>Total No of Students Given Feedback</b>				<b>21</b>

  
**Staff Coordinator**

  
**HOD**

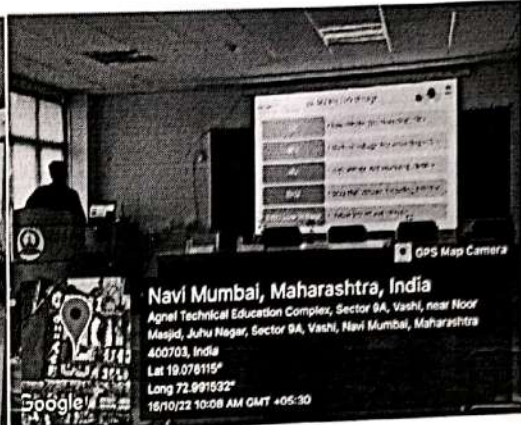
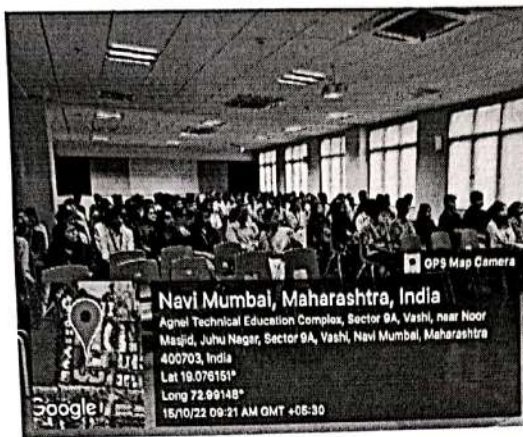





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**Vashi, Navi-Mumbai**

f. Action to be Taken based on Feedback: Nil

10. Activity / Event Geo tagged Photograph :



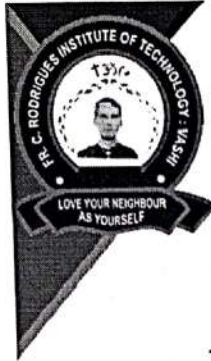
  
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**Vashi, Navi-Mumbai**

11. Sample Certificate



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**Department of Electrical Engineering**



# CERTIFICATE

This is to certify that **Mr. Anand Unnikrishnan** form Final Year Engineering attended **Vidyut Seminar** on **15th October 2022**. The seminar series included seminars on topics '**Electrical Safety**' and '**Mental Health and Stress Management**'.

**Mr. Anand kashid**  
EESA Chairperson

**Mr. Rajendra Soni**  
Faculty In Charge EESA

**Dr. Bindu S**  
HOD Electrical

**Staff Coordinator**

**HOD**





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

**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee:**

1. Name of the Activity/Event : CIBA (Centre for Incubation and Business Acceleration),  
Vashi Visit
2. Activity/Event Venue & Date : CIBA Vashi Centre at FCRIT Annex Building 6<sup>th</sup> Floor, 28<sup>th</sup>  
October 2022, Time: 3 PM to 5 PM
3. Nature of Participants : Students of SE and TE Electrical
4. Number of Participants : 90
5. Student Coordinator : Mr. Anand Kashid (EESA Chairperson)
6. Staff Coordinator : Prof. Rajendra Soni
7. Resource Person : Mr. Sagar Ranshoor (Head of Start-up community, CIBA)  
Mr. Prasad Menon (CEO, CIBA)
8. Brochure :



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Staff Coordinator

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**Vashi, Navi-Mumbai**

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

- a. Objectives : To inspire students to become an entrepreneur. To create awareness among students about opportunities and support systems available for start-ups.
- b. Technical Description : The Visit was about CIBA, Vashi Centre, the support available to start ups and entrepreneurs, incubation process, legalities and funds etc.
- c. Outcomes : PO6
- d. Attendance of Participants:

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

Fr.C.RODRIGUES INSTITUTE OF TECHNOLOGY, Vashi - Electrical Engg. De SH 2022 3									
SUB: CIBA VISIT		Date: 28-10-22		Time: 3pm - 5pm		LECT/ TUT/ PRACT			
BATCH 1	Roll #	Sign	Sr. #	BATCH 2	Roll #	Sign			
1	BAGADE ATHARVA SHANKA	4021101	AB	36	SHENDE PRATHAMESH NAI	4021136	AB		
2	BIDE KIRAN SANJAY	4021102	AB	37	SHETTY BHASHANK DHANA	4021137	AB		
3	BORKAR RAHIL ABDUL RAH	4021103	AB	38	SHETTY TUSHAR MADHUKA	4021138	AB		
4	CYRIL WILLIAM	4021104	AB	39	SINGH PARAMVEER	4021139	AB		
5	DAINGADE SIDDHESH DADA	4021105	AB	40	SONAWANE KIRTI PRAMO	4021140	AB		
6	GAIKWAD SWAYASH SHANT	4021106	AB	41	SONGIRKAR BURABHI BHA	4021141	AB		
7	GAVHANE DEEPANSHU SAN	4021107	AB	42	TAYADE ATHARVA NAREND	4021142	AB		
8	GAWAD SAISH VASANT	4021108	AB	43	THAKUR AYMAN ASHFAQ	4021143	AB		
9	GHADGE YASH VILAS	4021109	AB	44	THAKUR BOHAM MANGESH	4021144	AB		
10	JADHAV VINIT MANGESH	4021110	AB	45	VARMA BARTHA RAMVRIK	4021145	AB		
11	JAGTAP SAHIL SUNIL	4021111	AB	46	WAGHMODE KAJAL SHAH	4021146	AB		
12	JAVKAR ANIKET PRAKASH	4021112	AB	47	YADAV PRATHAMESH RAMS	4021147	AB		
13	KAMBLE RITIKA RAJENDR	4021113	AB	48	PATIL MAYURI	4020132			
14	KAMBLE VIKRAM DHANAJI	4021114	AB	BATCH 3 - DSE					
15	KEZHAKKARA GHRIKHI	4021115	AB	49					
16	KOHAD YASH ABHIJIT	4021116	AB	50					
17	KUMBHAR ROHIT SUHAS	4021117	AB	51					
18	MAHAJAN YASH	4021118	AB	52					
19	MALI HIMANSHU RADHESH	4021119	AB	53					
20	MALUNJKAR OM SURESH	4021120	AB	54					
21	MANDVE ROHIT DEEPAK	4021121	AB	55					
22	MAYEKAR SHREYASH SHRI	4021122	AB	56					
23	MHATRE VAIBHAVI SANJA	4021123	AB	57					
24	NISHAD ASHISH RAJKUMAR	4021124	AB	58					
25	PANDEY SHRESHTHA	4021125	AB	59					
BATCH 2				60					
26	PARIYA SHIVAM GITARAM	4021126	AB	61					
27	PATIL AJAY SHESHERAO	4021127	AB	62					
28	PEDAMKAR SIDDHI NAND	4021128	AB	63					
29	PRABHU OM VISHNUDAS	4021129	AB	64					
30	PUNIT SANJEEV REVANNAV	4021130	AB	65					
31	RAJPUT SWAMI SATTARSING	4021131	AB	66					
32	RAUT OMKAR ANKUSH	4021132	AB	67					
33	ROKADE GAURANG RAJESH	4021133	AB	68					
34	SALUNKHE VINAYAK BHARA	4021134	AB	69					
35	SAWALKAR HARSH AJAY	4021135	AB	70					
Present # 37		Absent # 11		Staff Name & Sign: RAJENDRA S.					

Staff Coordinator

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## Fr. C. Rodrigues Institute of Technology

### Vashi, Navi-Mumbai



Fr. C. RODRIGUES INSTITUTE OF TECHNOLOGY, Vashi - Electrical Engg. Dec 011 2022

5

SUB: CIBA-VISIT

Date: 28-10-21 Time: 3 PM - 5 PM

LECT/ TUT/ PRACT

Sr. #	BATCH 1	Roll #	APE	Sr. #	BATCH 2	Roll #	APE
1	CHAKRABORTY BIHUTI	4020103	AB	31	GOSAVI VIDHYA	4020155	AB
2	DEOLIKAR VIGHNESH	4020104	AB	32	DHUMAL MEHRAJ	4020156	AB
3	DUBAL PURVA	4020107	AB	33	YADAV HAIKAR	4020157	AB
4	HAREL YOGESH	4020110	AB	34	KAMBLE AVISHIKAR	4020158	AB
5	KADUSKAR SAURABH	4020111	AB	35	GADEKAR BANKET	4020159	AB
6	KEDARI SUSHANT	4020113	AB	36	VERHE SAGAR	4020160	AB
7	KHAIRE PIYUSH	4020114	AB	37	DETHLE ANISH	4020162	AB
8	MAHAHALE SHANTANU	4020118	AB	38	HARWANIWALA HUZefa	4020163	AB
9	MASKE GANESH	4020120	AB	39	DESHMUKH BIDDHESH	4020164	AB
10	MORYE ROHAN MILIND	4020123	AB	40	GAJARE TRUPTI	4020165	AB
11	PALANDE PRATHAMESH	4020126	AB	41	JADHAV GANESH	4020167	AB
12	PARAB PRATIM PRAKASH	4020128	AB	42	KHETLE SUSHANT	4020168	AB
13	PARAB SALONI	4020129	AB	43	BALJOT KAUR	4020170	AB
14	PATIL HIMANSHU	4020130	AB	44	HODAWADEKAR SANSKR	4020171	AB
15	PATIL KARAN	4020131	AB				
	BATCH 2		APE		BATCH 4		RES
16	PAWAR SHUBHAM	4020133	AB	45	AURORA ROHAN	4020101	AB
17	PRAJAPATI YASH	4020134	AB	46	BHUJAWADKAR VINAYAK	4020102	AB
18	RAJPUT MOHIT RANJITSINGH	4020136	AB	47	DORNALA BHAVANA	4020106	AB
19	SAYYED MOIZ	4020138	AB	48	FERNANDES ALDRIGH AGNI	4020108	AB
20	SHARMA ANAMIKA ADITYA	4020140	AB	49	GEORGE STEVE	4020109	AB
21	SHINDE SHREYOG	4020142	AB	50	KARIHDE KAUSHAL	4020112	AB
22	SHRIVASTAVA ARYAV	4020143	AB	51	KUSHWALLA SHUBHAM	4020116	AB
23	SINGH ANSHUMAN	4020144	AB	52	LAD SRUSHITI	4020117	AB
24	UMBARKAR CHETAN CHAND	4020145	AB	53	MAINKAR SAUMITRA	4020119	AB
25	VANJARI SIDDHARTHA	4020146	AB	54	MILATRE SWARADA	4020121	AB
26	ZOPE HARSHIVARDHAN	4020148	AB	55	MILATRE HARSII	4020122	AB
27	TALELE DHANASHRI	4020150	AB	56	NAIR ANURAG	4020124	AB
28	WALNUSKAR YASH	4020151	AB	57	NAMBIAR ABHISHEK ANIL	4020125	AB
29	SURVE SIDDHARTH	4020152	AB	58	PANDA ANUDHAV	4020127	AB
30	OTURKAR JAYESH	4020154	AB	59	PRASAD NIVEDITA	4020135	AB
				60	RODRIGUES NOEL COSMAS	4020137	AB
				61	SHAH KRUSHANG	4020139	AB
				62	SHELKE ROHIT	4020141	AB
				63	YADAV AAYUSH	4020147	AB
				64	GHARAT VIPUL	4020153	AB
				65	KASHID ANAND	4020161	AB
				66	GAIKWAD SAURABH	4020166	AB
				67	KULKARNI ATHARVA	4020169	AB

Present # 53

Absent # 14

Staff Name & Sign:

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RAJENDRA S.

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Staff Coordinator

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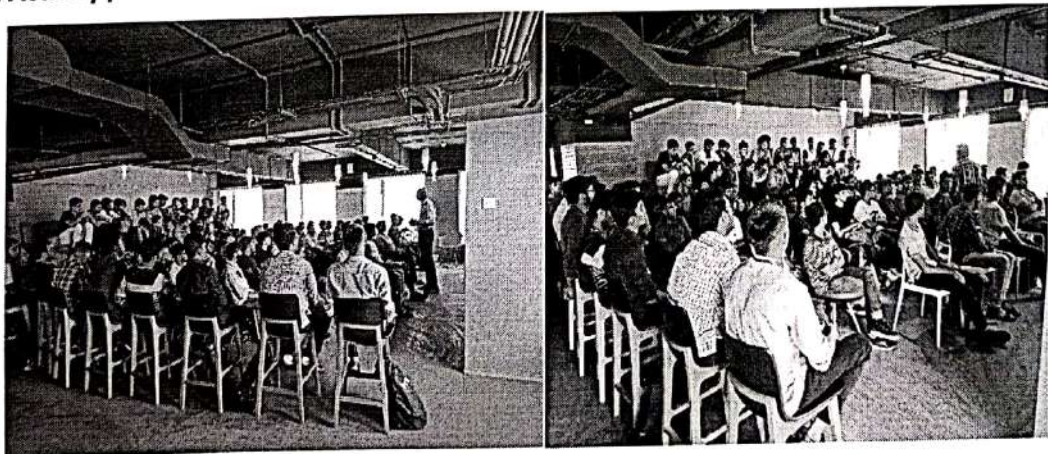
*Agnel Charities*  
**Fr. C. Rodrigues Institute of Technology**  
**Vashi, Navi-Mumbai**

**e. Summary of Feedback :**

Feedback Summary				
To what extent was the speaker knowledgeable, organized, and effective during the presentation?	Excellent 80%	Good 18%	Satisfactory 2%	Poor 0%
How do you rate the overall effectiveness of the session?	Excellent 74%	Good 18%	Satisfactory 8%	Poor 0%
How much the session was useful from knowledge and information point of view?	Excellent 75%	Good 20%	Satisfactory 5%	Poor 0%
How relevant was the content delivered by the speaker?	Excellent 80%	Good 20%	Satisfactory 0%	Poor 0%
Do you need more such sessions in future?	Yes 90%	No 6%	Maybe 4%	
Total No of Students Given Feedback				60

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

**10. Activity / Event Geo tagged Photograph :**



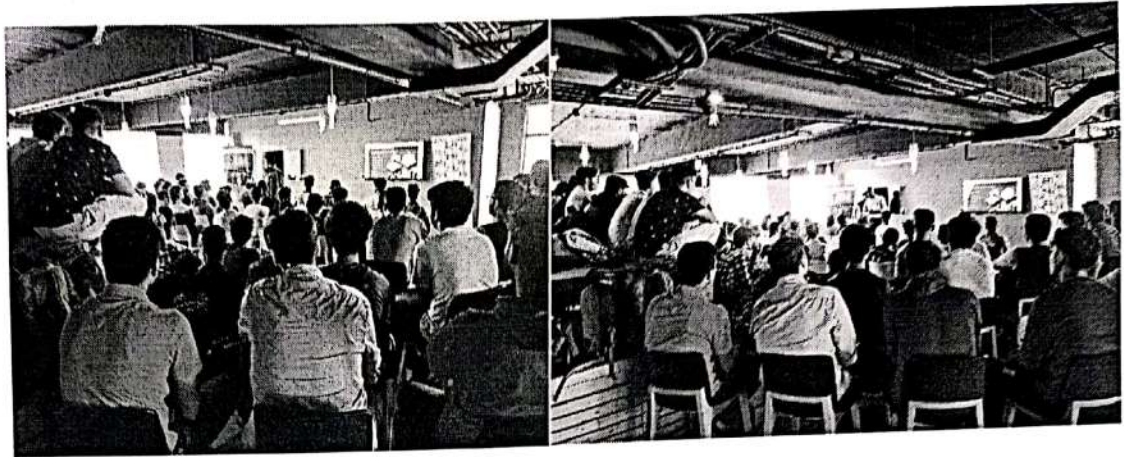
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Staff Coordinator

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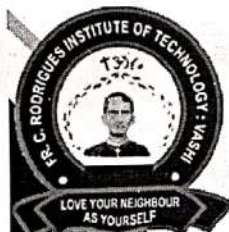




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*Vashi, Navi-Mumbai*



11. Sample Certificate



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FR. C. RODRIGUES INSTITUTE OF TECHNOLOGY  
DEPARTMENT OF ELECTRICAL ENGINEERING  
ELECTRICAL ENGINEERING STUDENTS ASSOCIATION  
(EESA)



CERTIFICATE OF PARTICIPATION

This is to certify that **Mr. Saurabh Kaduskar** from Third Year Electrical Engineering participated in **Visit to CIBA** event on **28th October 2022 from 3PM to 5 PM**. The visit focused on awareness about Entrepreneurship and Startups amongst engineering students. The speakers gave insights into the opportunities available to young entrepreneurs.

Mr. Anand Kashid  
EESA Chairperson

Mr. Rajendra Soni  
Faculty In Charge

Dr. Bindu S  
HOD Electrical

  
Staff Coordinator  
HOD



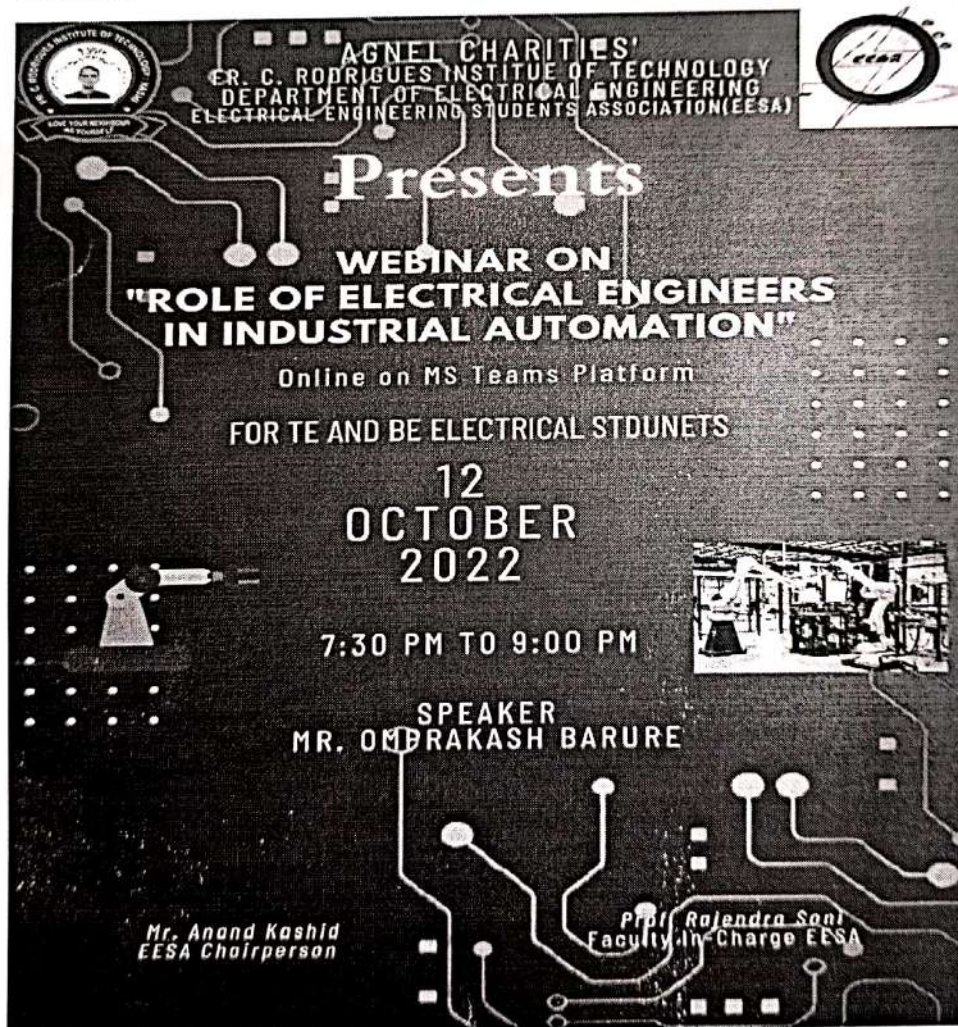


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**Vashi, Navi-Mumbai**

**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee:**

1. Name of the Activity/Event : Webinar under EESA
2. Activity/Event Venue & Date : Online on MS Teams Date: 12th October 2022
3. Nature of Participants : Students of TE and BE Electrical
4. Number of Participants : 68
5. Student Coordinator : Mr. Anand Kashid (EESA Chairperson)
6. Staff Coordinator : Prof. Rajendra Soni
7. Resource Person : Mr. Omprakash Barure
8. Brochure :



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Staff Coordinator

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**Vashi, Navi-Mumbai**

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

- a. Objectives** : To impart life-long learning to students about role of electrical engineers in Industrial Automation and also about technological advancements in the field of engineering over the years.
- b. Technical Description** : The webinar was on topic 'Industrial Automation'. The session covered basics of automation, importance of automation, its technical requirements, role of electrical engineers in industrial Automation, and its future scope.
- c. Outcomes** : PO12
- d. Attendance of Participants:**

Sr No	Full Name	User Action	Timestamp
1	Kashid Anand S	Joined before	12/10/22, 7:21:02 pm
2	BERDE SMIT SITARAM	Joined	12/10/22, 7:28:27 pm
3	ALDRIGH AGNELO FERNANDES	Joined before	12/10/22, 7:21:02 pm
4	Rajendra Soni	Joined	12/10/22, 7:21:02 pm
5	SUSHANT KEDARI	Joined	12/10/22, 7:22:04 pm
6	Avishkar Kamble	Joined	12/10/22, 7:23:35 pm
7	Gaikwad Saurabh	Joined	12/10/22, 7:24:01 pm
8	Dethe Anish P	Joined	12/10/22, 7:24:45 pm
9	SHUBHAM PAWAR	Joined	12/10/22, 7:25:27 pm
10	Vishe Sagar S	Joined	12/10/22, 7:26:33 pm
11	KARAN PATIL	Joined	12/10/22, 7:27:37 pm
12	Vidnya Gosavi	Joined	12/10/22, 7:27:37 pm
13	SHREEYOG SHINDE	Joined	12/10/22, 7:27:38 pm
14	Gajare Trupti S	Joined	12/10/22, 7:28:18 pm
15	SWARADA MHATRE	Joined	12/10/22, 7:28:32 pm
16	vyas divya	Joined	12/10/22, 7:29:33 pm
17	suryawanshi vaishnavi	Joined	12/10/22, 7:30:17 pm
18	YASH PRAJAPATI	Joined	12/10/22, 7:30:29 pm
19	NIVEDITA PRASAD	Joined	12/10/22, 7:30:37 pm

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Staff Coordinator

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

20	Vipul Gharat	Joined	12/10/22, 7:30:46 pm
21	PRATHAMESH PALANDE	Joined	12/10/22, 7:30:50 pm
22	Jayesh Oturkar	Joined	12/10/22, 7:30:50 pm
23	Jadhav Ganesh R	Joined	12/10/22, 7:31:15 pm
24	MAURYA RITESH INDRESH	Joined	12/10/22, 7:31:20 pm
25	ANUBHAV PANDA	Joined	12/10/22, 7:32:13 pm
26	PRATIM PRAKASH PARAB	Joined	12/10/22, 7:32:49 pm
27	Sairaj Yadav	Joined	12/10/22, 7:34:34 pm
28	Hodawadekar Sanskruti	Joined	12/10/22, 7:34:48 pm
29	LONDHE TANUSHREE DARYAW	Joined	12/10/22, 7:35:40 pm
30	ABHISHEK ANIL NAMBIAR	Joined	12/10/22, 7:36:39 pm
31	NAIR SRUTHI VENU	Joined	12/10/22, 7:36:43 pm
32	GANESH MASKE	Joined	12/10/22, 7:37:04 pm
33	TAJANE VEDANT SUDHIR	Joined	12/10/22, 7:37:41 pm
34	Khetle Sushant	Joined	12/10/22, 7:39:06 pm
35	Dhanashri Talele	Joined	12/10/22, 7:39:13 pm
36	SAUMITRA MAINKAR	Joined	12/10/22, 7:39:53 pm
37	SIDDHARTHA VANJARI	Joined	12/10/22, 7:39:54 pm
38	GUEST01 ELECT	Joined	12/10/22, 7:40:03 pm
39	SALONI PARAB	Joined	12/10/22, 7:40:54 pm
40	VIGHNESH DEOLIKAR	Joined	12/10/22, 7:41:28 pm
41	Baljot Kaur DS	Joined	12/10/22, 7:42:16 pm
42	LAHANE SONALI KAILAS	Joined	12/10/22, 7:42:30 pm
43	RANGARI GAURAV JAYWANT	Joined	12/10/22, 7:42:33 pm
44	surve anushka	Joined	12/10/22, 7:42:34 pm
45	Kartikraj Easwaran	Joined	12/10/22, 7:42:36 pm
46	Meghraj Dhumal	Joined	12/10/22, 7:42:49 pm
47	KAMBLE SURAJ BABAN	Joined	12/10/22, 7:42:54 pm
48	SAURABH KADUSKAR	Joined	12/10/22, 7:42:58 pm
49	TONAPI PRANAV GURURAJ	Joined	12/10/22, 7:43:01 pm
50	CHAUDHARI AKASH PRAKASH	Joined	12/10/22, 7:43:05 pm
51	MOHIT RANJITSING RAJPUT	Joined	12/10/22, 7:43:09 pm
52	Barwaniwala Huzefa	Joined	12/10/22, 7:43:16 pm
53	MALIK ANUSH KRISHAN KUMAR	Joined	12/10/22, 7:43:25 pm
54	Deshnukh Siddhesh	Joined	12/10/22, 7:43:28 pm
55	HARSHVARDHAN ZOPE	Joined	12/10/22, 7:43:34 pm
56	HIMANSHU PATIL	Joined	12/10/22, 7:44:09 pm
57	PATIL KOMAL DEVANAND	Joined	12/10/22, 7:44:13 pm
58	Gauri R Wadkar	Joined	12/10/22, 7:44:48 pm
59	Yash Walnuskar	Joined	12/10/22, 7:45:39 pm
60	AHMED UZAIR	Joined	12/10/22, 7:46:34 pm
61	Pooja Chavan	Joined	12/10/22, 7:47:42 pm

*Mind*  
Staff Coordinator

*Burdu*  
HOD





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

62	mishra harshal	Joined	12/10/22, 7:48:26 pm
63	NOEL COSMAS RODRIGUES	Joined	12/10/22, 7:48:38 pm
64	KAMBLE SAISH	Joined	12/10/22, 7:49:00 pm
65	VINAYAK BHUJAWADKAR	Joined	12/10/22, 7:50:22 pm
66	WANI HRITHIK	Joined	12/10/22, 7:56:58 pm
67	Prathamesh C Jaitpal	Joined	12/10/22, 7:57:08 pm
68	PATIL SHRUTIJ HARISHCHANDRA	Joined	12/10/22, 7:57:59 pm
69	GUPTA RITIK KUMAR RAMASHANKAR	Joined	12/10/22, 7:58:17 pm
70	SURVASE HARSH DHANRAJ	Joined	12/10/22, 7:58:37 pm

**e. Summary of Feedback :**

Feedback Summary				
To what extent was the speaker knowledgeable, organized, and effective during the presentation?	Excellent 77%	Good 21%	Satisfactory 0%	Poor 2%
How do you rate the overall effectiveness of the session?	Excellent 77%	Good 21%	Satisfactory 0%	Poor 2%
How much the session was useful from knowledge and information point of view?	Excellent 77%	Good 21%	Satisfactory 0%	Poor 2%
How relevant was the content delivered by the speaker?	Excellent 75%	Good 23%	Satisfactory 0%	Poor 2%
Do you need more such sessions in future?	Yes 85%	No 6%	Maybe 9%	
Total No of Students Given Feedback				52

*Mind*  
Staff Coordinator

*B. S. S.*  
HOD

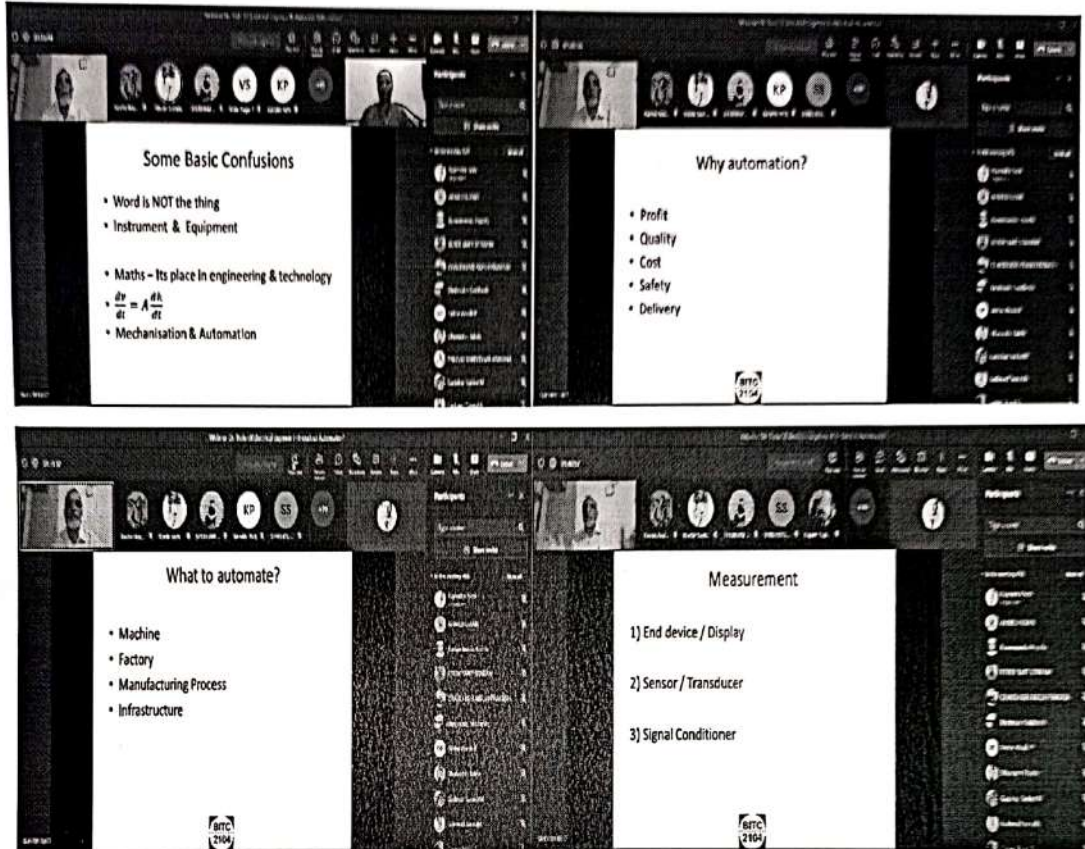




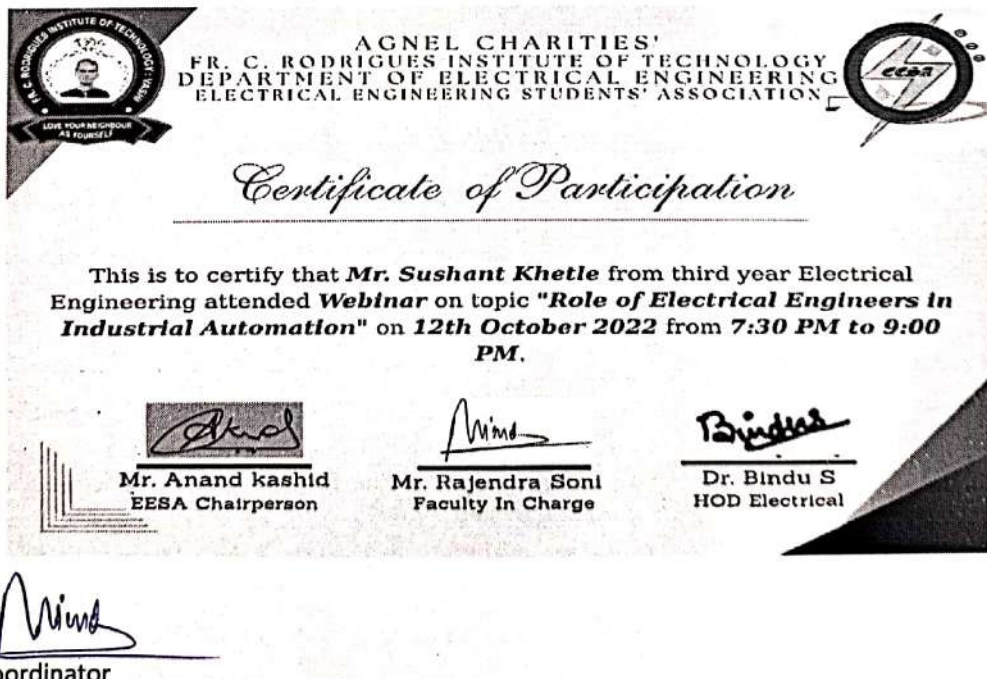
# Agnel Charities Fr. C. Rodrigues Institute of Technology Vashi, Navi-Mumbai

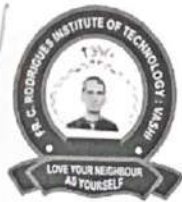
f. Action to be Taken based on Feedback: Nil

10. Activity / Event Geo tagged Photograph :



11. Sample Certificate :





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

**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee: Electrical Dept.**

1. Name of the Activity/Event : "Futuristic Electrical Power System"
2. Activity/Event Venue & Date : Online (Google Meet)- 10<sup>th</sup>, 11<sup>th</sup>, 14<sup>th</sup>, 15<sup>th</sup> & 16<sup>th</sup> November 2022
3. Nature of Participants : Faculty and U.G./ P.G./ Ph. D. Scholars
4. Number of Participants : 20
5. Student Coordinator : No student coordinator
6. Staff Coordinator : 1) Dr. Sushil Thale 2) Ms. Misbah Khan
7. Resource Person : Dr. Sushil Thale
8. Brochure :

**PROFILE OF THE INSTITUTE**  
Fr. C. Rodrigues Institute of Technology was established in 1994 as an extension of the pioneering efforts of the Agnel Ashram fathers in the arena of Technical Education. FCRIIT in a short span of time established itself as a leading Engineering college in Mumbai. The Government of Maharashtra awarded FCRIIT an A grade right from its inception. Electrical, EITC, Mechanical and Computer engineering departments of the Institute have been awarded accreditation for three years by National Board of Accreditation up to June 2025. The Institute is also accredited by NAAC in February 2021. The Institute has been selected as the "Best College" in the category of best college amongst the Urban area under the "Best College Award" instituted by the University of Mumbai for the year 2020-21.

**DEPARTMENT VISION**  
To evolve as a progressive center for modern technical education in the field of Electrical Engineering to produce self-sustainable professionals through value-based education.

**DEPARTMENT MISSION**  
To provide modern technical education in the area of Electrical Engineering. To collaborate with industries and institutes of repute to grow progressively. To provide holistic environment for the development of socially responsible citizens.

**ABOUT DEPARTMENT**  
1. Experienced and well qualified staff  
2. Excellent infrastructural facilities.  
3. Very well-equipped laboratories  
4. Modern software for research and education.  
5. Excellent student results.  
6. Many UG/PG research grants to faculties.  
7. Industrial consultancy and projects.

**PATRON**  
Rev. Fr. Saturnino Almeida - Managing Director, Agnel Technical Education Complex (ATEC), Vashi  
Rev. Fr. Seby Rodrigues - Assistant Managing Director, ATEC, Vashi

**ADVISORY COMMITTEE**  
Dr. S. M. Khot - Principal, Fr. CRIT, Vashi  
Dr. Bindu S - Professor and Head, Electrical Engineering  
Dr. Sushil Thale - Professor, Electrical Engineering

**CONVENER**  
Dr. Sushil Thale- Professor,  
Department of Electrical Engineering  
Mob: 9869396998  
Email: sushil.thale@fcrit.ac.in

**CO- CONVENER**  
Ms. Misbah Khan- Asst. Professor,  
Department of Electrical Engineering  
Mob: 8097233785  
Email: misbah.khan@fcrit.ac.in

Agnel Charities'  
Fr. C. Rodrigues Institute of  
Technology  
A 5 days online FDP on  
"Futuristic Electrical Power  
system"  
(10<sup>th</sup>, 11<sup>th</sup>, 14<sup>th</sup>, 15<sup>th</sup> & 16<sup>th</sup> Nov  
2022)

organized by  
Department of Electrical Engineering  
Agnel Charities'  
FR. C. Rodrigues Institute of Technology  
Agnel Technical Education Complex,  
Sector 9A, Vashi  
Navi Mumbai-400703  
www.fcrit.ac.in

*Ashwin*  
Staff Coordinator

*Bindu*  
HOD





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**Vashi, Navi-Mumbai**

#### BACKGROUND

- Since the early 21<sup>st</sup> century, opportunities to integrate advancements in electronic communication technologies to facilitate the constraints and costs of the electrical grid have been apparent.
- Peak power rates are no longer forced to be averaged out and equally passed on to all consumers due to technological restrictions in metering. Simultaneously, growing concerns about the environmental impact of fossil-fueled power plants have facilitated a desire to employ greater amounts of renewable energy. Because dominant forms of energy such as wind and solar power are very variable, the necessity for increasingly sophisticated control systems to ease the interconnection of sources to the otherwise highly regulated grid became apparent. Power from solar cells (and, to a lesser extent, wind turbines) has also brought into question the necessity of huge, centralized power plants.
- The rapidly lowering costs suggest to a significant shift from centralized grid design to highly distributed grid topology, with power generated and consumed right at the grid's limitations.
- Also, AICTE has taken an initiative to promote new technology subjects which includes "Microgrid as one of the honors course in engineering."

#### OBJECTIVES OF THE PROGRAM

1. To have knowledge of micro grid technology and the integration of renewable energy sources, in the electrical power system, as well as technologies linked to electric vehicle.
2. Learn about the background of Smart Grid and differences between the future Smart Grid and today's power system.
3. Resilient Energy Systems - Micro grid with locally produced renewables enable adaptable, and efficient energy networks.

#### TENTATIVE TOPICS TO BE COVERED

1. Present status of worldwide scenario of electricity generation.
2. Energy Infrastructure-resilience and security
3. Major trends driving power system evolution.
4. State of the art technologies in power system.
5. Micro-grid: futuristic power system.
6. Microgrid as a building block of smart grid.
7. Smart grid versus conventional electrical networks.
8. Smart grid Infrastructure, communication system and its cyber security.
9. International standard IEC 61850 and its application to smart grid.
10. Micro grid / smart grid and Electric vehicles integration.
11. Environmental and social benefits on Micro grid operation.

#### RESOURCE PERSON

Dr. Sushil Thale- Professor,  
Department of Electrical Engineering  
FC CRIT, Vashi.

#### MODE OF CONDUCTION

The program will be conducted through online platform on 10<sup>th</sup>, 11<sup>th</sup>, 14<sup>th</sup>, 15<sup>th</sup> & 16<sup>th</sup> Nov. 2022 from 9:30 am- 11:00 am. The details about the platform to be used and joining links will be shared with the participants well in advance. (1 hour session/day + half an hour for Q & A)

#### WHO CAN REGISTER?

Faculty and UG/PG/Ph. D. Scholars in Engineering. Engineers and other aspirants who are curious to know about futuristic electrical power system in context of microgrid and smart grid technology. (Seats limited to 100)

#### REGISTRATION FEE

There is NO REGISTRATION FEE for the program.

#### LINK FOR REGISTRATION

[https://docs.google.com/forms/d/e/1FAIpQLSe-9mXSunYPrQEB4HcD1uYKtearWqBdK5VNYRvixufww/viewform?usp=pp\\_url](https://docs.google.com/forms/d/e/1FAIpQLSe-9mXSunYPrQEB4HcD1uYKtearWqBdK5VNYRvixufww/viewform?usp=pp_url)

or scan the QR code

Join WhatsApp group:

<https://chat.whatsapp.com/1PILL4Bpud172MhXG-VHx7u>

#### CRITERIA FOR CERTIFICATE

E-Certificates will be provided by the organizing institute to all the participants who maintain minimum 80% attendance during the Programme and fill all the feedbacks.

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

#### a. Objectives :

- To have knowledge of micro grid technology and the integration of renewable energy sources, in the electrical power system, as well as technologies linked to electric vehicle.
- Learn about the background of Smart Grid and differences between the future Smart Grid and today's power system.
- Resilient energy Systems Micro grids with locally produced renewables enable adaptable, and efficient energy networks.

#### b. Technical Description :

- Since the early 21<sup>st</sup> century, opportunities to integrate advancements in electronic communication technologies to facilitate the constraints and costs of the electrical grid have been apparent.
- Peak power rates are no longer forced to be averaged out and equally passed on to all consumers due to technological restrictions in metering. Simultaneously, growing concerns about the environmental impact of fossil-fueled power plants have facilitated a desire to employ

*A Khan*  
Staff Coordinator

*Bhandari*  
HOD





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**Vashi, Navi-Mumbai**

greater amounts of renewable energy. Because dominant forms of energy such as wind and solar power are very variable, the necessity for increasingly sophisticated control systems to ease the interconnection of sources to the otherwise highly regulated grid became apparent. Power from solar cells (and, to a lesser extent, wind turbines) has also brought into question the necessity of huge, centralized power plants.

- The rapidly lowering costs suggest to a significant shift from centralized grid design to highly distributed grid topology, with power generated and consumed right at the grid's limitations.
- Also, AICTE has taken an initiative to promote new technology subjects which includes Micro grid as one of the honors course in engineering.

**c. Outcomes :**

**To know about-**

- Present status of worldwide scenario of electricity generation.
- Energy infrastructure-resilience and security
- Major trends driving power system evolution.
- State of the art technologies in power system.
- Micro-grid: futuristic power system.
- Micro grid as a building block of smart grid.
- Smart grid versus conventional electrical networks.
- Smart grid Infrastructure, communication system and its cyber security.
- International standard IEC 61850 and its application to smart grid.
- Micro grid /smart grid and Electric vehicles integration.
- Environmental and social benefits on Micro grid operation.

**d. Attendance of Participants:**

*Khan*  
Staff Coordinator

*Budhu*  
HOD





# Agnel Charities

## Fr. C. Rodrigues Institute of Technology

### Vashi, Navi-Mumbai

Attendance DAY1\_FDP-"FUTURISTIC ELECTRICAL POWER SYSTEM" (Responses) ☆ □ ☰

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11/10/2022 10:44:34	shradha.hule@aiktc.ac	Shradha Aniket Sawant	Assistant Professor	AIKTC NEW PANVEL	8082018653	shradha.hule@aiktc.ac.in	
11/10/2022 10:44:50	pujabsutar@acpce.ac.in	Puja Sutar	Assistant Professor	A C Patil College of Engi	9764342592	pujabsutar@acpce.ac.in	
11/10/2022 10:44:53	ertanveerhussain@gmail.com	Tanveer Husain Shaikh F	Assistant Professor	Anjuman-I-Islam's Kalsek	7218111664	ertanveerhussain@gmail.com	
11/10/2022 10:46:06	nesihathmk@mesce.ac.in	Nesihath MK	Assistant Professor	Nesihath MK	09846920356	nesihathmk@mesce.ac.in	
11/10/2022 10:46:09	jiyothi.katela@gmail.com	Navajyothi Katela	Assistant Professor	THEEM COLLEGE OF E	080808453	jiyothi.katela@gmail.com	
11/10/2022 10:46:25	shymak@sfitt.ac.in	Shyma k v	Assistant Professor	SFIT	8281602343	shymak@sfitt.ac.in	
11/10/2022 10:51:59	pratikapatil25@gmail.com	Pratika Nilesh Patil	Assistant Professor	AIKTC	9422592674	pratikapatil25@gmail.com	
11/10/2022 10:52:31	anamika333pp@gmail.com	Pooja patil	Professor	Theem college of Engine	7350444244	anamika333pp@gmail.com	
11/10/2022 10:52:59	abhishek0364@gmail.com	Abhishek shiwalkar	Assistant Professor	Abhishek shiwalkar	9523362190	abhishek.shiwalkar@fcrit.ac.in	
11/10/2022 10:53:24	mahendra.rane@fcrit.ac	Dr. Mahendra Rane	Associate Professor	FCRIT	9819072834	mahendra.rane@fcrit.ac.in	
11/10/2022 10:54:45	bindu.r@fcrit.ac.in	Dr. Bindu R	Associate Professor	Fr. C. Rodrigues Institute +919769497345	rbinducrit@gmail.com		
11/10/2022 10:57:41	rashmi.kale@fcrit.ac.in	Rashmi Kale	Assistant Professor	FCRIT Vashi	8551001598	rashmi.kale@fcrit.ac.in	
11/10/2022 15:49:20	divya.sajeesh@fcrit.ac.in	Divya Sajeesh	Assistant Professor	Fr C Rodrigues Institute	7306544404	divya.sajeesh@fcrit.ac.in	

DAY2\_FDP-"FUTURISTIC ELECTRICAL POWER SYSTEM" (Responses) ☆ □ ☰

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11/11/2022 10:31:43	shsane@vishwaniketan.edu.in	Sharvati Sane	Professor	Vishwaniketan	9819587365	shsane@vishwaniketan.edu.in	
11/11/2022 10:31:46	pujabsutar@acpce.ac.in	Puja Sutar	Assistant Professor	A C Patil College of Engi	+919764342592	pujabsutar@acpce.ac.in	
11/11/2022 10:31:53	mahendra.rane@fcrit.ac	Dr. Mahendra Rane	Associate Professor	FCRIT	9819072834	mahendra.rane@fcrit.ac.in	
11/11/2022 10:32:34	shradha.hule@aiktc.ac	Shradha Sawant	Assistant Professor	Shradha Sawant	8082018653	shradha.hule@aiktc.ac.in	
11/11/2022 10:34:35	pratikapatil25@gmail.com	Pratika Patil	Assistant Professor	AIKTC	9422592674	pratikapatil25@gmail.com	
11/11/2022 10:38:34	anamika333pp@gmail.com	Pooja patil	Professor	Theem college of Engine	7350444244	anamika333pp@gmail.com	
11/11/2022 10:39:35	ertanveerhussain@gmail.com	Tanveer Husain Shaikh F	Assistant Professor	Anjuman-I-Islam's Kalsek	7218111664	ertanveerhussain@gmail.com	
11/11/2022 10:40:00	bindu.r@fcrit.ac.in	Bindu R	Associate Professor	Bindu R	+919769497345	rbinducrit@gmail.com	
11/11/2022 10:41:19	shradha.anawade@aiktc.ac	Shradha Kumawat	Assistant Professor	Anjuman Islams kalsekar	7977739354	shradha.anawade@aiktc.ac.in	
11/11/2022 10:51:49	payal.gadgil@themcoo	Payal Gadgil	Assistant Professor	Theem college of engine	9987102941	payal.gadgil@themcoo.org	
11/11/2022 10:57:22	abhishek0364@gmail.com	Abhishek shiwalkar	Assistant Professor	Fr C Rodrigues Institute	9923362190	abhishek0364@gmail.com	
11/11/2022 11:12:25	jiyothi.katela@gmail.com	Navajyothi Katela	Assistant Professor	THEEM COLLEGE OF E	08080800453	jiyothi.katela@gmail.com	
11/11/2022 11:18:09	priti.sathe@vpmpcoe.org	Priti Ravindra Sathe	Assistant Professor	VPM's Maharshi Parshur	8975978472	priti.sathe@vpmpcoe.org	
11/11/2022 11:35:29	shymak@sfitt.ac.in	Shyma KV	Assistant Professor	SFIT	8281602343	shymaeee@gmail.com	

DAY3\_FDP-"FUTURISTIC ELECTRICAL POWER SYSTEM" (Responses) ☆ □ ☰

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11/14/2022 10:29:52	shsane@vishwaniketan.edu.in	Sharvati Sane	Professor	Vishwaniketan	9819587365	shsane@vishwaniketan.edu.in	
11/14/2022 10:30:06	pujabsutar@acpce.ac.in	PUJA SUTAR	Assistant Professor	A C PATIL COLLEGE OF	9764342592	pujabsutar@acpce.ac.in	
11/14/2022 10:30:26	mahendra.rane@fcrit.ac	Dr. Mahendra Rane	Associate Professor	FCRIT	9819072834	mahendra.rane@fcrit.ac.in	
11/14/2022 10:30:40	payal.gadgil@themcoo	Payal Gadgil	Assistant Professor	THEEM COLLEGE OF E	9987102941	payal.gadgil@themcoo.org	
11/14/2022 10:31:32	shymak@sfitt.ac.in	Shyma k v	Assistant Professor	SFIT	8281602343	shymaeee@gmail.com	
11/14/2022 10:32:56	pratikapatil25@gmail.com	Pratika Nilesh Patil	Assistant Professor	AIKTC	9422592674	pratikapatil25@gmail.com	
11/14/2022 10:42:27	shradha.hule@aiktc.ac	Shradha Sawant	Assistant Professor	AIKTC NEW PANVEL	8082018653	shradha.hule@aiktc.ac.in	
11/14/2022 10:45:37	bindu.r@fcrit.ac.in	Bindu R	Associate Professor	Fr. C. Rodrigues Institute +919769497345	rbinducrit@gmail.com		
11/14/2022 11:14:02	abhishek.shiwalkar@fcrit.ac	Abhishek shiwalkar	Assistant Professor	FCRIT Vashi	9923362190	abhishek0364@gmail.com	
11/14/2022 12:37:47	shradha.anawade@aiktc.ac	Shradha Kumawat	Assistant Professor	Anjuman Islams kalsekar +91797739354	shradha.anawade@aiktc.ac.in		
11/14/2022 12:38:56	moenuddin.ansari@themcoo	Moenuddin Muhammad	Assistant Professor	Theem college of engine	8275589497	moenuddin.ansari@themcoo.org	
11/14/2022 12:42:11	ertanveerhussain@gmail.com	Tanveer Husain Shaikh F	Assistant Professor	Anjuman-I-Islam's Kalsek	7218111664	ertanveerhussain@gmail.com	
11/14/2022 12:48:18	nesihathmk@mesce.ac.in	Nesihath MK	Assistant Professor	Nesihath MK	09846920356	nesihathmk@mesce.ac.in	
11/14/2022 12:48:22	jiyothi.katela@gmail.com	Navajyothi Katela	Assistant Professor	THEEM COLLEGE OF E	08080800453	jiyothi.katela@gmail.com	
11/14/2022 13:12:27	akhilhanee@gmail.com	Akhila M Haneef	Assistant Professor	YCET KOLLAM	9142301616	akhilhanee@gmail.com	

Staff Coordinator

HOD





# Agnel Charities

## Fr. C. Rodrigues Institute of Technology

### Vashi, Navi-Mumbai

DAY4\_FDP-"FUTURISTIC ELECTRICAL POWER SYSTEM" (Responses) ☆ 📄 🗑️

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Timestamp	Email Address	Name of the Participant	Designation	Name of the Institution	Contact Mobile Number	E-mail ID
11/15/2022 10 49 16	shsane@vishwaniketan	Sharvari Sane	Professor	Vishwaniketan	9819587365	shsane@vishwaniketan.edu.in
11/15/2022 10 49 18	lyothi.katela@gmail.com	Navajyothi Katela	Assistant Professor	THEEM COLLEGE OF E	08080808453	lyothi.katela@gmail.com
11/15/2022 10 49 22	shradha.hule@aiktc.ac	Shradha Sawant	Assistant Professor	AIKTC NEW PANVEL	8082018653	shradha.hule@aiktc.ac.in
11/15/2022 10 49 35	payal.gadgil@theemcoe	Payal Gadgil	Assistant Professor	THEEM COLLEGE OF E	9987102941	payal.gadgil@theemcoe.org
11/15/2022 10 52 57	pujabsutar@acpce.ac	PUJA SUTAR	Assistant Professor	A C PATIL COLLEGE OF	9764342592	pujabsutar@acpce.ac.in
11/15/2022 10 54 35	nesihathmk@mesce.ac	Nesihath MK	Assistant Professor	Nesihath MK	09846920356	nesihathmk@mesce.ac.in
11/15/2022 10 57 02	mahendra.rane@fcrit.ac	Dr. Mahendra Rane	Associate Professor	FCRIT	9819072834	mahendra.rane@fcrit.ac.in
11/15/2022 11 02 57	bindu.r@fcrit.ac	Bindu R	Associate Professor	Fr. C. Rodrigues Institute	+919769497345	rbnducrit@gmail.com
11/15/2022 11 03 13	pratikapatil.25@gmail.com	Pratika Patil	Assistant Professor	AIKTC	9422592674	Pratikapatil.25@gmail.com
11/15/2022 11 06 26	shymak@sfrit.ac	Shyma KV	Assistant Professor	SFrit	8281602343	shymaee@gmail.com
11/15/2022 11 09 18	shradha.anawade@aiktc	Shradha Kumawat	Assistant Professor	Shradha Kumawat	+917977739354	shradha.anawade@aiktc.ac.in
11/15/2022 11 11 00	abhishek.shivalkar@fcrit	Abhishek Shivalkar	Assistant Professor	FCRIT Vashi	9923362190	abhishek2364@gmail.com
11/15/2022 11 55 40	akhilaneef@gmail.com	AKHILA M HANEEF	Assistant Professor	YCET KOLLAM	9142301618	akhilaneef@gmail.com
11/15/2022 12 41 39	ertanveerhussain@gmail	Tanveer Hussain Shaikh	Assistant Professor	AIKTC Panvel	7218111664	ertanveerhussain@gmail.com
11/15/2022 14 33 40	anamika333.pp@gmail	Pooja patil	Professor	Theem college of Engine	7350444244	anamika333.pp@gmail.com
11/15/2022 14 53 08	moenuddin.ansari@the	Moenuddin Muhammad	Assistant Professor	Theem college of engine	8275589497	moenuddin.ansari@theemcoe.org

DAY5\_FDP-"FUTURISTIC ELECTRICAL POWER SYSTEM" (Responses) ☆ 📄 🗑️

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Timestamp	Email Address	Name of the Participant	Designation	Name of the Institution	Contact Mobile Number	E-mail ID
11/16/2022 10 42 30	shsane@vishwaniketan	Sharvari Sane	Professor	Vishwaniketan	9819587365	shsane@vishwaniketan.edu.in
11/16/2022 10 42 31	pratikapatil.25@gmail.com	Pratika Patil	Assistant Professor	AIKTC	9422592674	Pratikapatil.25@gmail.com
11/16/2022 10 43 11	lyothi.katela@gmail.com	Navajyothi Katela	Assistant Professor	THEEM COLLEGE OF E	08080808453	lyothi.katela@gmail.com
11/16/2022 10 43 11	bindu.r@fcrit.ac	Bindu R	Associate Professor	Fr. C. Rodrigues Institute	+919769497345	rbnducrit@gmail.com
11/16/2022 10 45 54	pujabsutar@acpce.ac	Puja Sutar	Assistant Professor	A C Patil College of Engi	+919764342592	pujabsutar@acpce.ac.in
11/16/2022 10 58 39	abhishek.shivalkar@fcrit	ABHISHEK KANCHAN S	Assistant Professor	FCRIT Vashi	9923362190	abhishek.shivalkar@fcrit.ac.in
11/16/2022 10 58 46	shradha.hule@aiktc.ac	Shradha Aniket Sawant	Assistant Professor	Aikt new panvel	8082018653	shradha.hule@aiktc.ac.in
11/16/2022 11 00 20	shymak@sfrit.ac	Shyma k v	Assistant Professor	SFrit	8281602343	shymaee@gmail.com
11/16/2022 11 01 48	payal.gadgil@theemcoe	Payal Gadgil	Assistant Professor	Theem College of Engine	9987102941	payal.gadgil@theemcoe.org
11/16/2022 11 02 05	mahendra.rane@fcrit.ac	Dr. Mahendra Rane	Associate Professor	FCRIT	9819072834	mahendra.rane@fcrit.ac.in
11/16/2022 11 02 08	nesihathmk@mesce.ac	Nesihath MK	Assistant Professor	Nesihath MK	09846920356	nesihathmk@mesce.ac.in
11/16/2022 11 03 34	anamika333.pp@gmail	Pooja patil	Professor	Theem college of engine	7350444244	anamika333.pp@gmail.com
11/16/2022 11 15 13	shradha.anawade@aiktc	Shradha Kumawat	Assistant Professor	Shradha Kumawat	+917977739354	shradha.anawade@aiktc.ac.in
11/16/2022 12 12 56	akhilaneef@gmail.com	AKHILA M HANEEF	Assistant Professor	YCET KOLLAM	9142301618	akhilaneef@gmail.com
11/16/2022 12 21 56	moenuddin.ansari@the	Moenuddin Muhammad	Assistant Professor	Theem college of engine	8275589497	moenuddin.ansari@theemcoe.org
11/16/2022 12 35 27	ertanveerhussain@gmail	Tanveer Hussain Shaikh	Assistant Professor	AIKTC	7218111664	ertanveerhussain@gmail.com

e. Summary of Feedback :

*Khan*  
Staff Coordinator

*Bindu*  
HOD

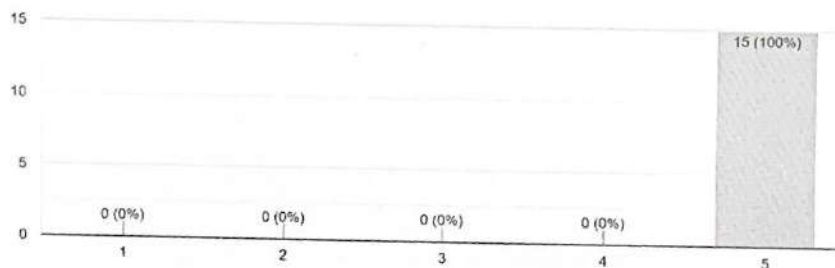




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*Fr. C. Rodrigues Institute of Technology*  
*Vashi, Navi-Mumbai*

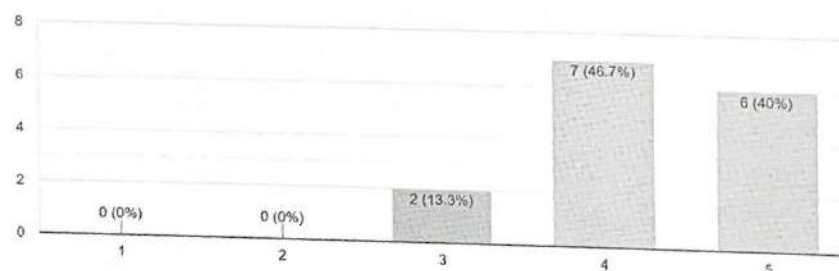
The course contents met your expectations.

15 responses



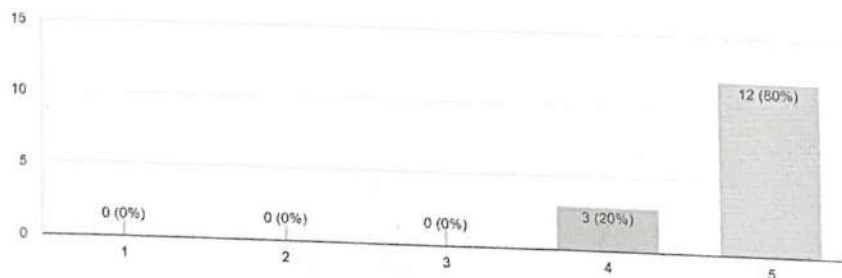
The level of the course was

15 responses



The lecture sequence was well planned.

15 responses



*Khan*  
Staff Coordinator

*Budhu*  
HOD

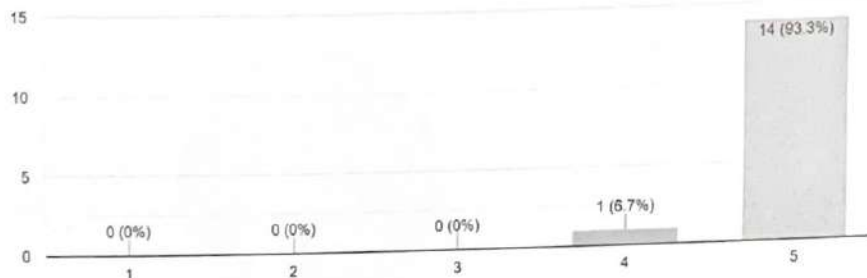


# *Agnel Charities*

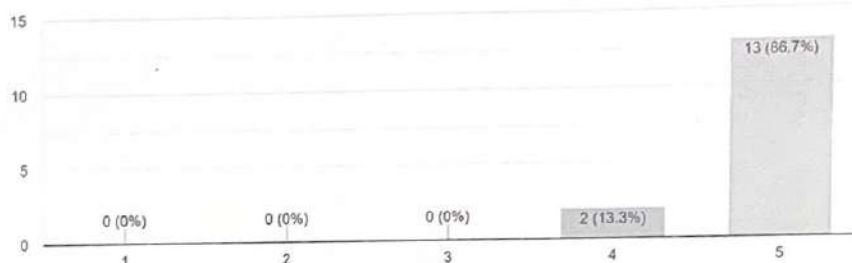
## *Fr. C. Rodrigues Institute of Technology*

### *Vashi, Navi-Mumbai*

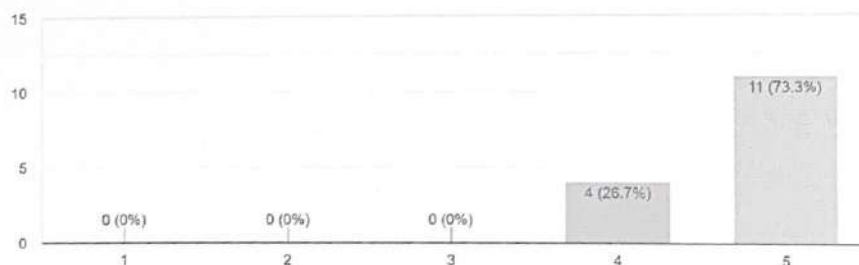
The course exposed you to new knowledge and practices  
15 responses



Will you recommend this course to your colleagues?  
15 responses



The lectures were clear and easy to understand  
15 responses



*Aknan*  
Staff Coordinator

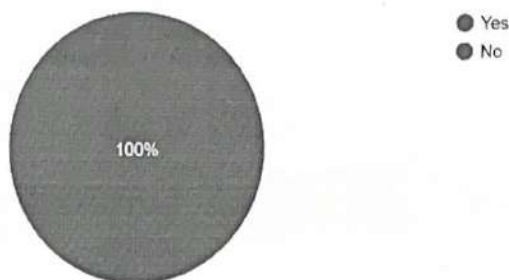
*B. Indu*  
HOD



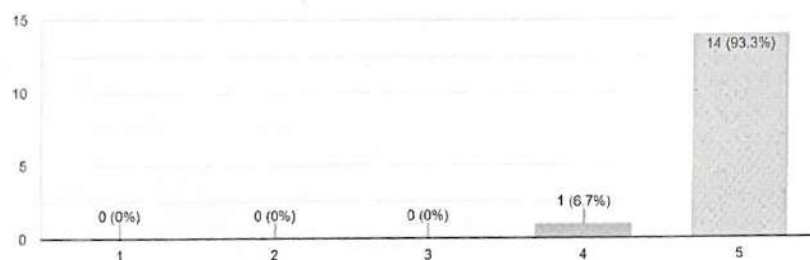


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*Fr. C. Rodrigues Institute of Technology*  
*Vashi, Navi-Mumbai*

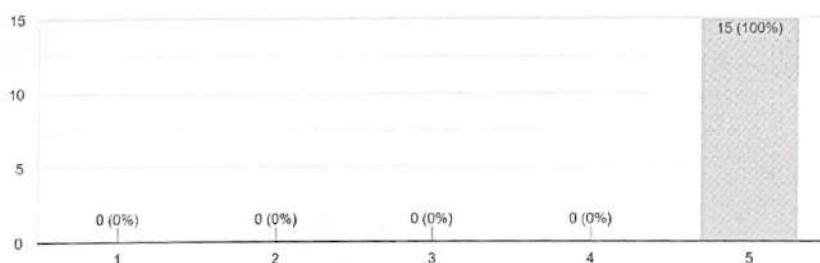
Were the objectives the course were realized?  
15 responses



How do you rate the overall FDP on a scale of 1 to 5?  
15 responses



How do you rate the coordination of FDP organizing team on scale of 1 to 5?  
15 responses



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

**Suggestions for more such FDP to be conducted in future.**

*Anan*  
Staff Coordinator

*Birudha*  
HOD



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**Vashi, Navi-Mumbai**

A chain of FDP will be planned featuring any one specific topic at a time. Electric Vehicle was one of the suggested topic by the Participants. Also, some newly introduced subjects for honours/minors course can be covered in coming sessions.

**10. Activity / Event Geo tagged Photograph :**

*Khan*  
Staff Coordinator

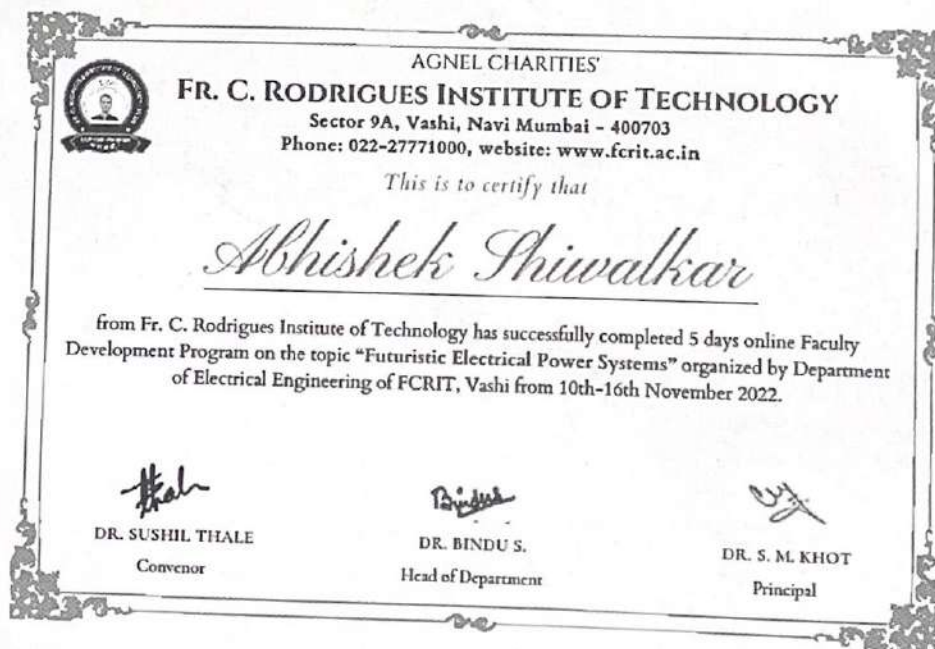
*Burichu*  
HOD





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**11. Sample Certificate :**



*Akhan*  
Staff Coordinator

*Bindu S.*  
HOD



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

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## **Brief Activity/Event Report**

**Name of the Institute level Committee:** IEEE FCRIT Student chapter

1. **Name of the Event** : "SOLAR LAMP DISTRIBUTION 2022"
2. **Activity/Event Venue & Date** : Ambele & Kalamkhande Village, Murbad Town. 08.10.2022
3. **Nature of Participants** : Students and Faculty from Fr. C. Rodrigues Institute of Technology, Vashi.
4. **Number of Participants** : 35
5. **Student Coordinator** : Saish Chalke & Aryav Shrivastava
6. **Staff Coordinator** : Dr. Mini Rajeev & Prof. Nilesh Varkute
7. **Brief Summary of the Event (In maximum 500 words):**
  - a. **Objectives** : To identify economically backward members in the villages and make a note of their needs accordingly.
  - b. **Technical Description** :

A distribution drive titled "Solar Lamp Distribution 2022" was conducted by IEEE-FCRIT Students Chapter & Unnat Bharat Abhiyan of Fr. C. Rodrigues Institute of Technology. It was sponsored by Crompton Greaves CSR Foundation. This event took place on 8<sup>th</sup> October, 2022 and covered the villages – Ambele and Kalamkhande of Murbad town in Maharashtra. The main objective of this drive was to identify economically backward members in the villages and make a note of their needs accordingly. The said villages were considered and a team of students and faculty visited these villages earlier and conducted a survey. The members of these villages, mainly the poorer ones, were facing numerous issues such electricity shortage which caused them lot of problems especially during night time. Hence, along with the support of Crompton Greaves CSR Foundation, the team decided to distribute solar powered lamps to the needy members of the village which would benefit them in a lot of ways. These lamps can be charged with the help of a solar panel when kept in sunlight and then provide light for a long duration of time. About 100 poor families from both villages were identified and a combined list of beneficiaries was prepared. Then an order was placed with Enwalk India for ordering the solar powered lamps. On 8<sup>th</sup> October, the team again visited the village for the distribution of the said solar lamps. All the recipients were gathered and then the benefits of the solar lamp were explained to them. A brief explanation was given on how to operate and handle the lamps along with various do's and dont's. In





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### **Vashi, Navi-Mumbai**

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the presence of Sarpanch of the villages, all members were then called one by one and the solar lamps were then handed to them along with a sheet of instructions. This was done to make a small yet significant contribution in making people's lives better and to relieve them of their difficulties a little.

This concluded the event and the team returned.

- c. **Outcomes** : The objective of the event was satisfied. All the members gained an enriching experience and a small contribution was made in making the lives of village members easier.
- d. **Summary of Feedback** : NIL
- e. **Action to be Taken based on Feedback:** NIL

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

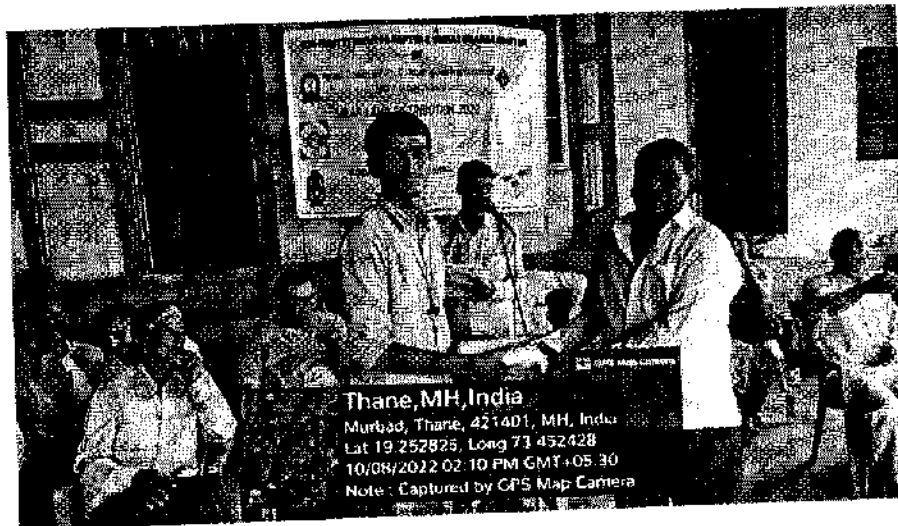




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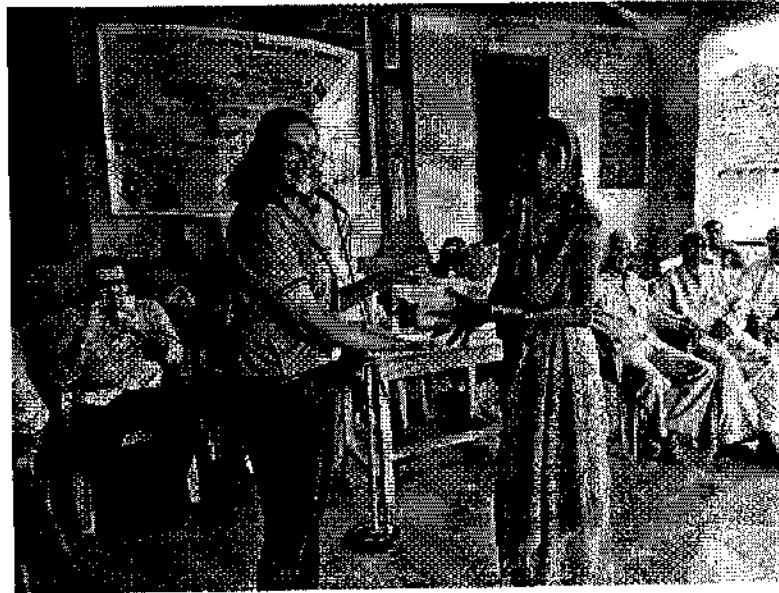


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*Saish Chalke*

SAISH CHALKE  
Student Coordinator

*Mr. Rajeev*

Faculty in charge

*Burduw*

HOD



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

## Brief Activity/Event Report

Name of the Department/ Institute level Committee: IEEE FCRIT Student chapter

1. Name of the Activity/Event : STEM EDUCATION IN SCHOOLS
2. Activity/Event Venue & Date : Fr. Agnel Multipurpose School, 18-08-2022
3. Nature of Participants : Students of School / Students of Engineering
4. Number of Participants : 360
5. Student Coordinator : Mr. Aryav, Ms. Daffril, Mr. Saish C
6. Staff Coordinator : Dr. Mini Rajeev & Ms. Misbah Khan
7. Brief Summary of the Activity/Event (in maximum 500 words):
  - a. Objectives : The events main objective was to reveal the knowledge of basic electrical circuit components and demonstrate some basic mini-projects to school students in order to expand their knowledge and build some interest.
  - b. Technical Description: The event " STEM education" was organized on 18th August 2022 at Fr. Agnel School between 11:00 to 12:00. All the students of the IEEE council were welcomed to teach the student of the schools as STEM professionals. The seminar covered three important mini projects like Battery LED circuits, Mechanical to electric energy conversion, and Solar Panel with Motor. For each mini-project, a brief presentation was given outlining the various projects' designs and circuits executing in different cases. Students learned about the functions of several devices used in project creation. At the end, there was a question-and-answer session where all the students got their doubts cleared.
  - c. Outcomes: The FCRIT students were in charge of planning the event. The engineering students presented some projects and circuits in an intriguing and informative manner.
  - d. Summary of Feedback: The STEM learning experience promoted a learning atmosphere that enriched and extended knowledge of STEM topics while giving middle-level students access to opportunities and tools they would not have had otherwise. Students enjoyed their learning experience while receiving the in-depth information in a more understandable and enjoyable manner. Most





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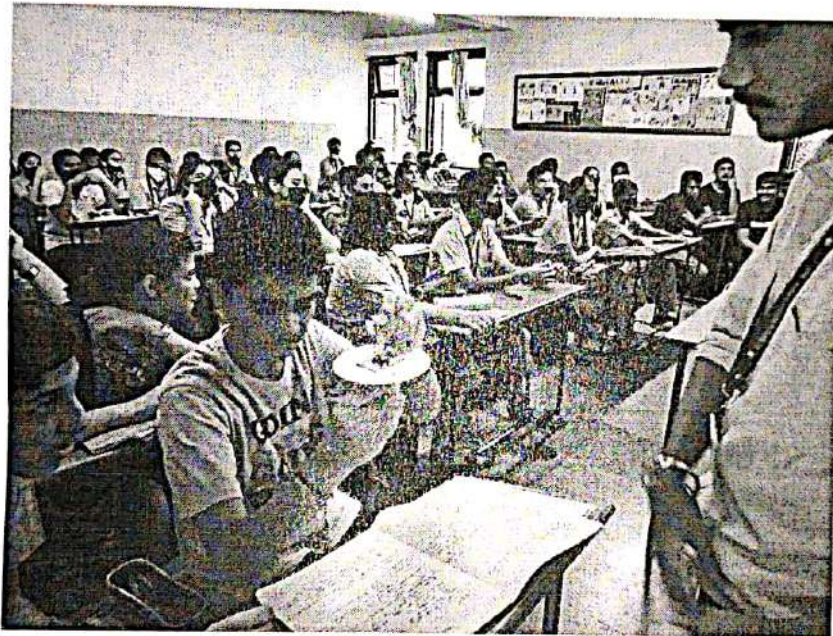
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significantly, the students had a clear understanding of all the core concepts, which gave them a clearer path to the details.

d. **Action to be Taken based on Feedback:** In the future, we plan to hold more workshops and events like this.

### 8. Activity / Event Photograph :



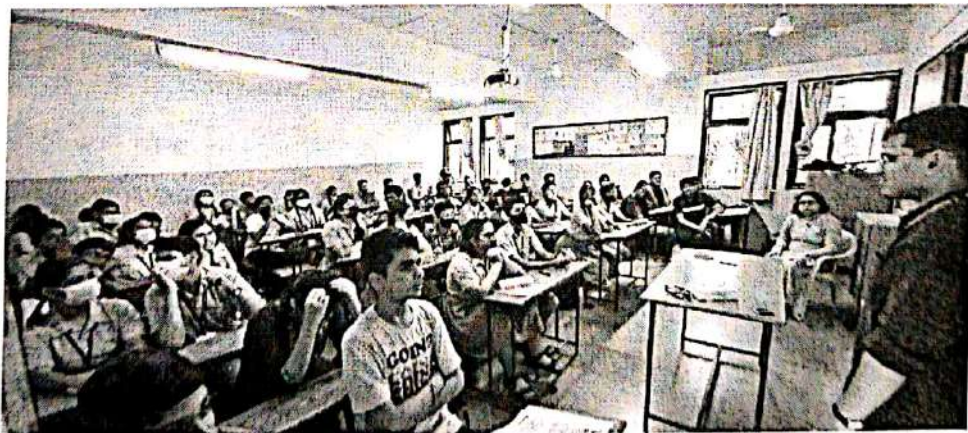




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*Aryav*

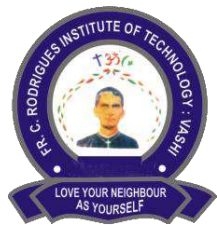
Student Coordinator  
Mr. Aryav/ Ms.  
Daffril C

*Mini Rajeev*

Faculty in charge  
Dr. Mini Rajeev

*Bindu S*

HOD  
Dr. Bindu S



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

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**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee: IEI student chapter**

1. **Name of the Activity/Event** : Ardiuno Workshop
2. **Activity/Event Venue & Date** : Offline, 29<sup>th</sup> September 2022
3. **Nature of Participants** : Electrical Engineering students.
4. **Number of Participants** : 34
5. **Student Coordinators** : IEI council
6. **Staff Coordinator** : Mrs. Divya Sajeesh
7. **Resource Person** : Mr. Arun.P.D
8. **Brochure** :



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

**a. Objectives** :

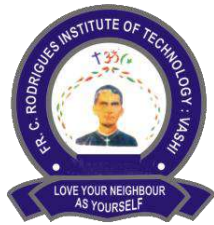
1. Students can learn how to create circuits, use resistors, and get introduced to Ohm's law while building a series of cool projects and experiments.
2. They can also code Arduino to start building smart devices that can sense their environment and respond accordingly

**b. Technical Description :**

Staff Coordinator

HOD





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The speaker explained about the types of Arduino board, how to program and interface the Arduino with hardware

#### c. Outcomes :

1. workshop will help them in various project in upcoming years.
2. Coordinators were able develop their skill to organise the event .

#### d. Attendance of Participants:

Workshop ON Arduino

Fr. C. RODRIGUES INSTITUTE OF TECHNOLOGY, Vashi, Electrical Engg. D4 RM 2022 3

DATE: 22/04/2022 Time: 11:00 to 1:00 LECT/ TUT/ PRACT

Sl. #	BATCH 1	Roll #	Sl. #	BATCH 2	Roll #	Sl. #	BATCH 3	Roll #
1	GADGE ATHARVA SHANKA	4021101	36	SHENDE PRATHANDESH NAI	4021136			
2	NIKE KIRAN SANGAY	4021102	37	SHETTY SHARADK SHARAN	4021137			
3	DONGAR RAHUL ABDUL RAH	4021103	38	SHETTY TONNAR MAHMOUD	4021138			
4	CYRIL WILLIAM	4021104	39	SINGH PARANVEER	4021139			
5	DANGADE SHIBDRESH DAD	4021105	40	SONAWARE KIRIT PRAMOD	4021140			
6	GAIKWAD SWAYASH SHANT	4021106	41	SONGURKAR SURABHI DHEE	4021141			
7	GAWHADE DEEPAKASHUT DAD	4021107	42	TAVADE ATHARVA HARSHOD	4021142			
8	GAWAD RAJESH VASANT	4021108	43	THAKUR ATMAN ASHFAQ	4021143			
9	GHADGE YASH VILAS	4021109	44	THAKUR GOHAN MANGESH	4021144			
10	JADHAV VIKIT MANGESH	4021110	45	VARMA BARTHAKE ANVISH	4021145			
11	JADTAI RAHUL SUMEL	4021111	46	WACHMODE KAJAL SHANT	4021146			
12	JAYKAR ANIKET PRAKASH	4021112	47	YADAV PRATHANDESH RAMS	4021147			
13	KAMBLE DITTEHA RAJENDR	4021113	48	PATEL MAYUR	4020152			
14	KAMBLE VIKRAM CHANAN	4021114						
15	KEDHARDEKASA DEEPTIK	4021115	49					
16	KHARU NASH ASHUT	4021116	50					
17	KUMBHAR ROHIT SUDAS	4021117	51					
18	MAHAPAT YASH	4021118	52					
19	MALI SHIVANSHU RAJESH	4021119	53					
20	MAUNIKANI OM SURESH	4021120	54					
21	MANGOTE ROHIT DHEPAK	4021121	55					
22	MATKAR SHREYASH SHIR	4021122	56					
23	METATRE VAIKUNTH SAJAN	4021123	57					
24	MISRA ADARSH KARTIKAR	4021124	58					
25	PANDEY SHIKSHITA	4021125	59					
			60					
26	PANDEY SHIVAM GYATRAM	4021126	61					
27	PATIL AJAY SHISHIRDAD	4021127	62					
28	PEDAMKAR SIDDHANT NARESH	4021128	63					
29	POHARU OM VISHWDEOAS	4021129	64					
30	PURIT SANKAR DEVANAND	4021130	65					
31	RAJPUT SHASHI SATYANAND	4021131	66					
32	RAJUT OMKAR ANILKISH	4021132	67					
33	ROKADE GAURABO RAJESH	4021133	68					
34	SHIVKISHOR YENAYAR SHASH	4021134	69					
35	SAWALKAR HARSH AJAY	4021135	70					

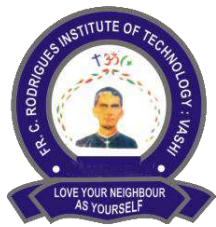
Present # Absent # Staff Name & Sign

- a. **Summary of Feedback** : Most of the Students found the session useful and knowledgeable.

- e. **Action to be Taken based on Feedback:** Need to conduct workshop for more days with more hands one

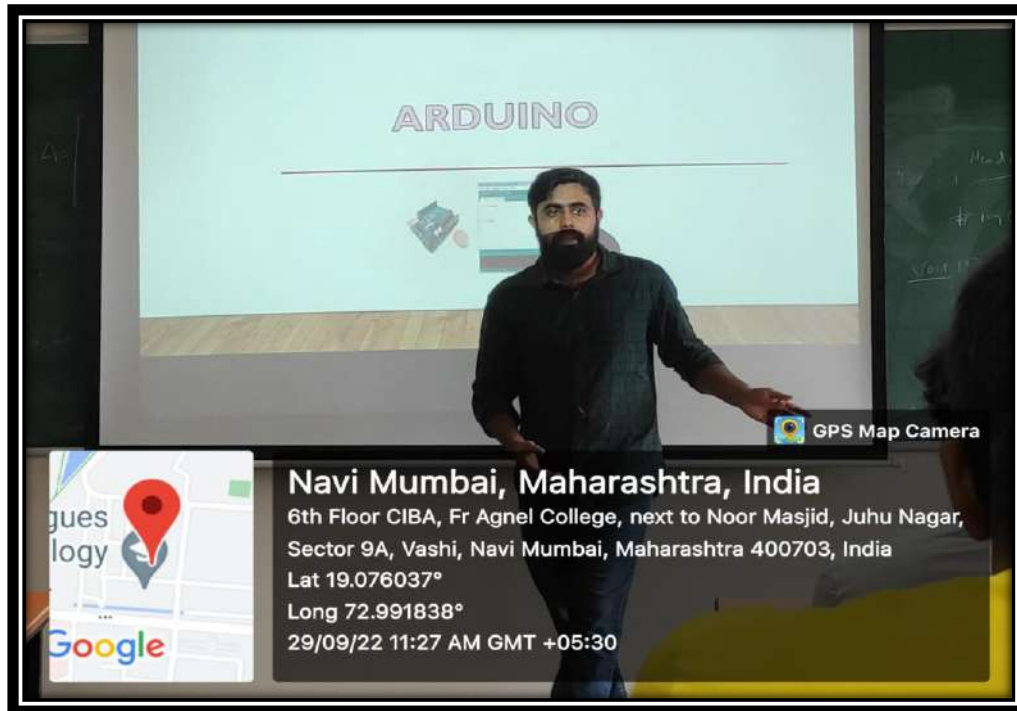
Staff Coordinator

HOD



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

**10. Activity / Event Photograph :**



*Priya*

Staff Coordinator

*Bindus*

HOD





# *Agnel Charities*

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

### *Vashi, Navi-Mumbai*

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

**Name of the Department/ Institute level Committee: IEI student chapter**

1. **Name of the Activity/Event :** Technical Webinar- “HOW TO WRITE TECHNICAL PAPER OR RESEARCH PAPER ”
2. **Activity/Event Venue & Date :** Class room - 209, 18<sup>th</sup> July 2022.
3. **Nature of Participants :** Students of Electrical Department
4. **Number of Participants** 47
5. **Student Coordinators :** IEI council
6. **Staff Coordinator :** Mrs. Divya Sajeesh
7. **Resource Person :** Dr. Mini. Rajeev
8. **Brochure :**



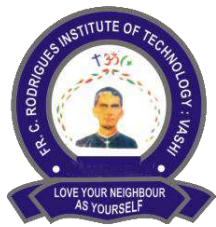
#### **9. Brief Summary of the Activity/Event (in maximum 500 words):**

- a. **Objectives :** To learn about technical paper writing
- b. **Technical Description :**

In this course the main learning objectives were described as follows: The speaker explained how to write a technical paper either based on a project or technical literature survey. The format followed to write the paper, plagiarism were explained

Staff Coordinator

HOD



# Agnel Charities

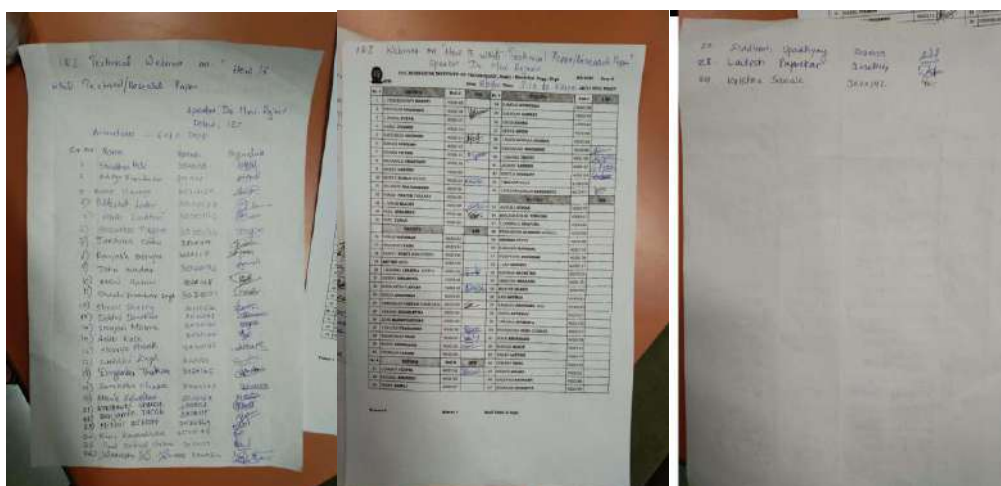
## Fr. C. Rodrigues Institute of Technology

### Vashi, Navi-Mumbai

**c. Outcomes** : Students were able to get guidance on writing technical paper

: Coordinators were able develop their skill to organise the event

**d. Attendance of Participants:**



**e. Summary of Feedback** :

Sr.No	Questions					
1	How useful was the session for developing knowledge in the area of magnetics?	Extremel y useful 48%	Somew hat useful 48%	Neutr al 3.7%	Somewh at not useful --	Extrem ely not useful --
2	Whether the session was beneficial for problem solving skills in the simulation of circuit?	Yes 100%		No --		
3	How do you rate the webinar?	5	4	3	2	1
		37%	48%	15%	--	--

**f. Action to be Taken based on Feedback: More such activities to be conducted**



Staff Coordinator



HOD





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

10. Activity / Event Geo tagged Photograph :



*Pinky*

Staff Coordinator

*Bindus*

HOD



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

**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee: IEI student chapter**

1. **Name of the Activity/Event** : Technical Webinar- “**MICROGRID AND DISTRIBUTED SYSTEM** ”
2. **Activity/Event Venue & Date** : MICROSOFT TEAMS, 2<sup>th</sup>, 3<sup>th</sup>, 9<sup>th</sup>, 10<sup>th</sup>, 17<sup>th</sup> June 2022.
3. **Nature of Participants** : **Students of Electrical Department**
4. **Number of Participants** : 24
5. **Student Coordinators** : **IEI council**
6. **Staff Coordinator** : Mrs. Divya Sajeesh

**Brief Summary of the Activity/Event (in maximum 500 words):** In this course the main learning objectives were described as follows:

Introduction to distributed generation and microgrids, components of Distribution system level, micro-sources, loads, power electronic interfaces, architecture of microgrid (dc/ac/hybrid), storage. , maximum power point tracking algorithms for renewable energy systems, Integration issues of distributed generation, synchronization, stability aspects in microgrids, islanding techniques. Different ancillary services provided by grid forming inverter, Power management and operation remote monitoring of microgrids/power plants, centralized and decentralized systems. Introduction to multi-agent system and smart grid.

7.

- a. **Technical Description** : Following whatsapp message was circulated among the students to inform them about the webinar



*Divya*  
Staff Coordinator

*Bindus*  
HOD





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

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- a. **Outcomes :** Students were able learn the basics of latex  
: Coordinators were able develop their skill to organise the event

b. **Summary of Feedback :**

Sr.No	Questions					
1	How useful was the session for developing knowledge in the area of magnetics?	Extremely useful 48%	Somewhat useful 48%	Neutral 3.7%	Somewhat not useful --	Extremely not useful --
2	Whether the session was beneficial for problem solving skills in the simulation of circuit?	Yes 100%		No --		
3	How do you rate the webinar?	5 37%	4 48%	3 15%	2 --	1 --

- c. **Action to be Taken based on Feedback:** More such courses has to be conducted.

ATTENDENCE OF THE EVENT:-

  
Staff Coordinator

  
HOD



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

	A	B	C	D	E
1	Timestamp	Name	Roll no.	Branch	Sem.
2	09/07/2022 15:46:37	Saurabh Kaduskar	4020111	Electrical	5
3	09/07/2022 15:49:03	Anubhav Bhabanishanka	4020127	Electrical	5
4	09/07/2022 15:50:57	Siddharth Vilas Surve	4020152	Electrical	5
5	09/07/2022 15:51:03	Sushant Shyam Khete	4020168	Electrical	5
6	09/07/2022 15:51:08	Saurabh Rohidas Gaikwad	4020166	Electrical	5
7	09/07/2022 15:51:13	Anand Shahaji Kashid	4020161	Electrical	5
8	09/07/2022 15:51:16	Saloni parab	4020129	Electrical	5
9	09/07/2022 15:51:18	Astitva Anant	4019103	Electrical	6
10	09/07/2022 15:51:19	Pratim Parab	4020128	Electrical	5
11	09/07/2022 15:51:29	Shreedhar Enlolu	4019110	Electrical	7
12	09/07/2022 15:51:31	Atharva Kulkarni	4020169	Electrical	5
13	09/07/2022 15:51:32	Siddhesh Mahesh Deshmukh	4020164	Electrical	5
14	09/07/2022 15:51:39	Anshuman Singh	4020144	Electrical	5
15	09/07/2022 15:51:53	Anubhav Bhabanishanka	4020127	Electrical	5
16	09/07/2022 15:51:56	Trupti Sunil Gajare	4020165	Electrical engineering	5
17	09/07/2022 15:52:37	Chetan Chanchal Umbarikar	4020145	Electrical	5
18	09/07/2022 15:52:50	Jayesh Oturkar	4020154	Electrical Engineering	5
19	09/07/2022 15:52:54	Talele Dhanashri Ganesh	4020150	Electrical	5
20	09/07/2022 15:53:03	Ganesh Rajendra Jadhav	4020167	Electrical engineering	5
21	09/07/2022 15:53:52	Yash Prajapati	4020134	Electrical	5
22	09/07/2022 15:54:01	Abhijeet Singh	401856	Electrical	7
23	09/07/2022 15:54:28	Huzefa Barwaniwala	4020163	Electrical	5
24	09/07/2022 16:05:10	Anish Prakash Dethe	4020162	Electrical	5

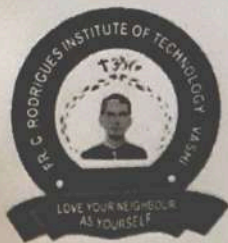
*Ping*

Staff Coordinator

*Bindus*

HOD





# Fr. C. Rodrigues Institute of Technology

## Department of Electrical Engineering

Sector - 9A, Vashi, Navi Mumbai - 400 703, INDIA.

Telephone: 022-2777 1000, 2766 1924, 2766 0618. Fax: 2766 0619

Website: [www.fcrit.ac.in](http://www.fcrit.ac.in)

### Brief Activity/Event Report

1. Name of the Activity/Event : Research Ethics
2. Activity/Event Venue & Date : October 21<sup>st</sup> 2022
3. Nature of Participants : Sem 7 students of Electrical Engineering Department
4. Number of Participants : 42
5. Student Coordinator : N A
6. Staff Coordinator : Ruchi Harchandani
7. Experts : 1. Dr Bindu S  
2. Dr Sushil Thale

#### 8. Brief Summary of the Activity/Event :

Professional Competence, Professional Discipline, Privacy and Confidentiality, Non-exploitation, Non-discrimination, Integrity, Informed consent, Beneficence Duty to society, conflict of interest and plagiarism with respect to research ethics was discussed by the speaker.

#### Objectives:

Participants will learn importance of Research Ethics in Publications.

#### Outcomes:

The importance of Research Ethics in publication was discussed.

#### a. Summary of Feedback :

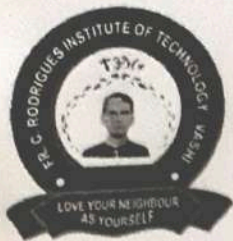
1.	<b>Do you feel information given during the session will be useful?</b> 1. Yes (96.42%) 2. No (3.57%) 3. May be
2.	<b>Do you feel the session will help you planning your research better?</b> 1. Yes (96.42%) 2. No (3.57%) 3. Maybe
3.	<b>How do you rate the overall effectiveness of the talk?</b> Average rating (4.57/5)

- b. Action to be taken based on Feedback: Similar type of session will be conducted in future based on feedback received.

Staff Coordinator

  
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# Fr. C. Rodrigues Institute of Technology

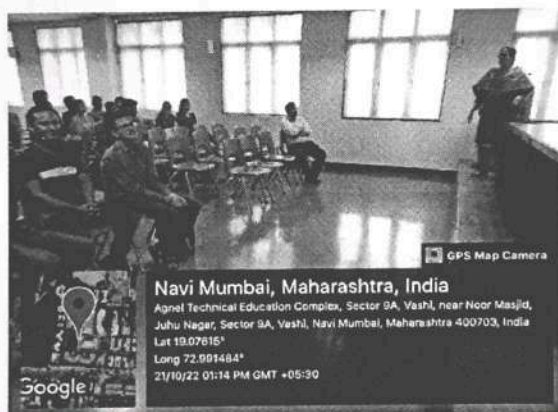
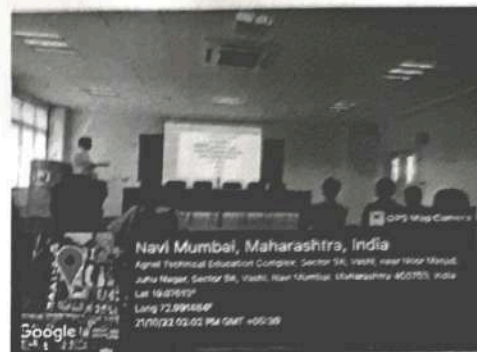
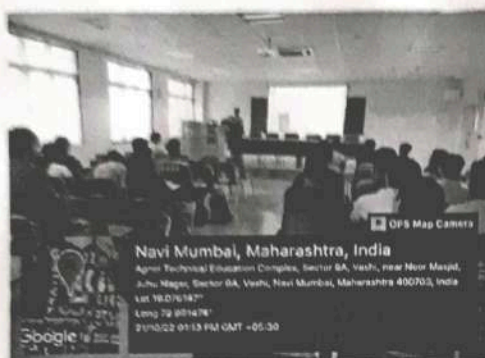
Department of Electrical Engineering

Sector - 9A, Vashi, Navi Mumbai – 400 703, INDIA.

Telephone: 022-2777 1000, 2766 1924, 2766 0618. Fax: 2766 0619

Website: [www.fcrit.ac.in](http://www.fcrit.ac.in)

## 10. Activity / Event Photograph:



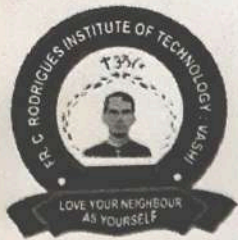
*Shiv*

Staff Coordinator

*Budhan*

HOD





# Fr. C. Rodrigues Institute of Technology

## Department of Electrical Engineering

Sector - 9A, Vashi, Navi Mumbai - 400 703, INDIA.

Telephone: 022-2777 1000, 2766 1924, 2766 0618. Fax: 2766 0619

Website: [www.fcrit.ac.in](http://www.fcrit.ac.in)

### 11. Event Attendance:

Seminar

Fr. C. RODRIGUES INSTITUTE OF TECHNOLOGY, Vashi - Electrical Engg. Dept. SR 2022 Sem: V  
VEN: Research Ethics Date: 21/10/22 Time: 1:40 - 2:40 LECT / TUT / PRACT

Sl. #	Batch 1	Roll #	Sign	Sl. #	Batch 2	Roll #	Sign
1	ANAND UNDESHIMAN	4019101		39	SVYOM KUMAR	4019140	
2	ANTO BEN	4019102		40	PRADHAN KARAN VINODRAJ	4019141	
3	ARVIND ANANT	4019103		41	SAHAY PRITHVIRAJ	4019142	
4	DEEPA RAVI DEVIKUMAR	4019104		42	RAJESH KASHYAP ANIRUDH	4019143	
5	CHALAN KISHOR PRAKASH	4019105		43	SHARAD SHIVAM	4019144	
6	CHANDRANATH ARASHI DEANAJ	4019106		44	SHRIRANGAR ARVIND PRA	4019145	
7	AJAYKUMAR BARENDRAH	4019107		45	ISHAN TIDHARSH	4019146	
8	ANISH KIRAN	4019108		46	SHIVAJI KANSHI CHANDRA	4019147	
9	ANILKUMAR KISHORSHAR KIRAN	4019110		47	TAJANE VEDANT SUTAR	4019149	
10	ANITA RUTH KUMAR KAMAL	4019111		48	TARUNTHAK ANIL KISHOR	4019150	
11	ANIL KISHORSHAR KIRAN	4019112		49	TOHANI PRANAV GURURAJ	4019151	
12	ANIL KISHORSHAR KIRAN	4019113		50	VANSHI CHIRANJEEVI	4019152	
13	ANIL KISHORSHAR KIRAN	4019114		51	VARUN KISHORSHAR	4019153	
14	ANIL KISHORSHAR KIRAN	4019115		52	VADAN RIVENDITA N	4019154	
15	ANIL KISHORSHAR KIRAN	4019116		53	WASIM MOHAMMED UMA	4019156	
16	ANIL KISHORSHAR KIRAN	4019117		54	WASIM MOHAMMED UMA	4019157	
17	ANIL KISHORSHAR KIRAN	4019118		55	WASIM MOHAMMED UMA	4019158	
18	ANIL KISHORSHAR KIRAN	4019119		56	WASIM MOHAMMED UMA	4019159	
19	ANIL KISHORSHAR KIRAN	4019120					
Batch 3				Batch 4			
20	KULKARNI ANIL AJIT	4019121		57	VYAS DIVYA PRADHANT	4019160	
21	V. LAKSHAN KISHORSHAR KIRAN	4019122		58	WASIM MOHAMMED UMA	4019161	
22	V. LAKSHAN KISHORSHAR KIRAN	4019123		59	SURVE ANURAG ANIL	4019162	
23	MAHARAJ KISHORSHAR KIRAN	4019124		60	V. CHAVAN POOJA RAMDAS	4019163	
24	MALIK ANURAG KISHORSHAR KIRAN	4019125		61	V. CHAVAN POOJA RAMDAS	4019164	
25	MAHARAJ KISHORSHAR KIRAN	4019126		62	KARTHIKAJ KASHYAP	4019165	
26	V. MAYKAR SHRIKANT SHRIKANT	4019127		63	V. WADKAR GAUR RAMESH	4019166	
27	MAHARAJ KISHORSHAR KIRAN	4019128		64	V. WADKAR GAUR RAMESH	4019167	
28	V. MAYKAR SHRIKANT SHRIKANT	4019129		65	TEJAS PARSHURAM KUMAR	4019168	
29	MAHARAJ KISHORSHAR KIRAN	4019130		66	MAHARAJ KISHORSHAR KIRAN	4019169	
30	PANCHAL PANKAJ KISHORSHAR KIRAN	4019131		67	PANDEY ANURAG VIKAS	4019170	
31	SHILPA TEJAS PANDIT	4019132		68	JATPAL PRATAPRAMESH CHA	4019171	
32	PANDEY ANURAG VIKAS	4019133		69	MAHARAJ KISHORSHAR KIRAN	4019172	
33	V. PATIL KAMAL DEVARAND	4019134		70	V. PATIL KAMAL DEVARAND	4019173	
34	PATIL PRITHVIRAJ RAJARAM	4019135		71	MAHARAJ KISHORSHAR KIRAN	4019174	
35	PATIL SHRIKANT RAJESHCHHA	4019136		72	SINCH ABHISHEK	4019175	
36	PAWAR CHIRANJEEVI	4019137		73	WILSON ARNOLD	4019176	
37	PEWDEKAR TANMAY RASHI	4019138		74	NIBHANT MISHRA	4019177	
38	PHAPALE VIKAS VIKAS	4019139			Staff Name & Sign.		
Present # 40				Absent # 32			



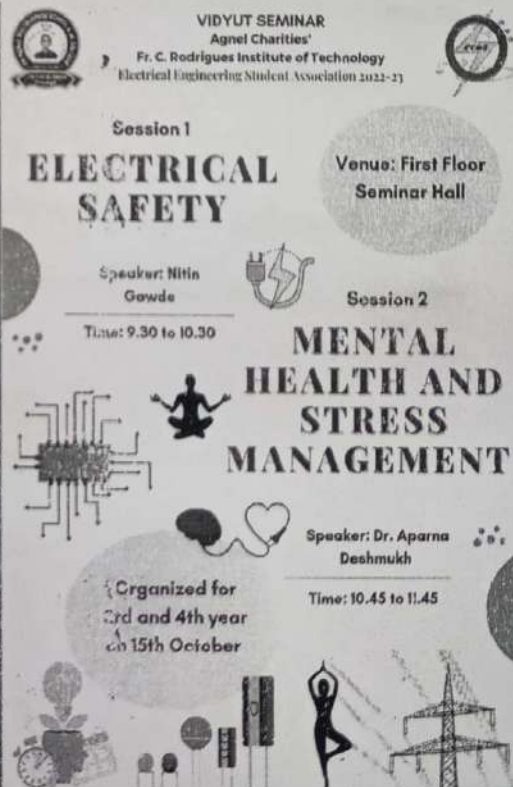


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**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee:**

1. Name of the Activity/Event : Seminar on topics 'Time Management',  
'Mental Health and Stress Management'
2. Activity/Event Venue & Date : AX-116 (First Floor Seminar Hall) and  
Classroom AX-207 New Building  
Date: 15 October 2022
3. Nature of Participants : Students of SE, TE, and BE Electrical
4. Number of Participants : SE (33) + TE (65) + BE (60) = 158
5. Student Coordinator : Mr. Anand Kashid (EESA Chairperson)
6. Staff Coordinator : Prof. Rajendra Soni
7. Resource Person : Mr. Swapnil Tulsankar, Dr. Aparna Deshmukh
8. Brochure :



*Mind*  
Staff Coordinator

*Budra*  
HOD



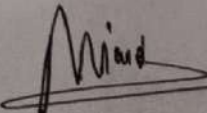


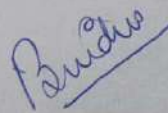
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**9. Brief Summary of the Activity/Event (in maximum 500 words):**

- a. Objectives : 1. To create awareness amongst students about how to take care of mental health and how to manage stress.
2. To introduce time management skills to students which they can apply to their own work, or as a member or leader in a team.
- b. Technical Description : The Vidyut Seminar Series is organized by the Electrical Engineering Students' Association of department every semester. Experts from Industry are invited to deliver sessions on diverse topics that will help students to gain knowledge on topics in the context of outside their engineering curriculum.
- c. Outcomes : 1. Students will be able to gain knowledge on how to deal with stress and how to take care of mental health.(PO6)
2. Students will be able to use time management skills and apply the same as an individual or in a team. (PO9, PO11)

  
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**d. Attendance of Participants:**

**Session 2: TIME MANAGEMENT**

Fr. C. RODRIGUES INSTITUTE OF TECHNOLOGY, Vashi - Electrical Engg. De 08 2022 <span style="float: right;">3</span>							
SUB: VIDYUT SEM I IIA Date: 15-10-22 Time: 10:45 AM - 11:45 AM LECT/ TUT/ PRAC							
BATCH 1	Roll #	Sign	Sr. #	BATCH 2	Roll #	Sign	
1	BARADAR ATHARVA SHANKA	4021101	AB	36	SHENDE PRATHAMESH NAR	4021136	AB
2	BHIDE NIRAN SANJAY	4021102	AB	37	SHETTY SHASHANK DHANAJ	4021137	AB
3	BHOKAR RAHUL ANURAG	4021103	AB	38	SHETTY TUSHAR MADHUKA	4021138	AB
4	CYRIL WILLIAM	4021104	AB	39	SINGH PARAMVEER	4021139	AB
5	DADGADE NEDDIEEN DAEM	4021105	AB	40	SOMAWANE KIRTI PRAMOD	4021140	AB
6	DAIKWAD SWAYASHI SHANT	4021106	AB	41	SONGIRKAR SURABHI BH	4021141	AB
7	DAVTHANE DEEPAKSHU SAN	4021107	AB	42	TAYADE ATHARVA NAREND	4021142	AB
8	DAWAD NARIN VASANT	4021108	AB	43	THAKUR AYMAN ASHFAQ	4021143	AB
9	GHADGE YASHI VILAS	4021109	AB	44	THAKUR SONAM MANOESH	4021144	AB
10	JADHAV VINIT MANGESH	4021110	AB	45	VARMA BARTHA RAMVRIK	4021145	AB
11	JAGTAP SAHIL SUNIL	4021111	AB	46	WAGHMODE RAJAL SHAH	4021146	AB
12	JAVKAR ANIKET PRAKASH	4021112	AB	47	YADAV PRATHAMESH RAME	4021147	AB
13	KAMBLE RITIKA RAJENDR	4021113	AB	48	PATIL MAYURI	4020132	AB
14	KAMBLE VIKRAM DHANAJI	4021114	AB	BATCH 3 - DBE			
15	KESHAKERKARA GIBRUTINGI	4021115	AB	49			
16	KONAD YASHI AHSANIT	4021116	AB	50			
17	KUMHAR ROHIT SUHAS	4021117	AB	51			
18	MAHAJAN YASHI	4021118	AB	52			
19	MALI HIMANSHU RADHESH	4021119	AB	53			
20	MALUNJIKAR OM SURESH	4021120	AB	54			
21	MANDVE ROHIT DEEPAK	4021121	AB	55			
22	MAYEKAR SHREYASH SHRI	4021122	AB	56			
23	NHATRE VAIBHAVI SANJAY	4021123	AB	57			
24	NISHAD ABHINAV RAJKUMAR	4021124	AB	58			
25	PANDEY SHREYASH	4021125	AB	59			
BATCH 2				60			
26	PARTYA SHIVAM GITARAM	4021126	AB	61			
27	PATIL AJAY SHESHKAR	4021127	AB	62			
28	PEDAMKAR SIDDHI NAR	4021128	AB	63			
29	PRABHU OM VISHNU DAS	4021129	AB	64			
30	PUNIT RAJEEV REVANNAR	4021130	AB	65			
31	RAJPUT SWAMI SATTARSHIN	4021131	AB	66			
32	RAUT OMKAR ANKUSH	4021132	AB	67			
33	ROKADE GAURANG RAJESH	4021133	AB	68			
34	SALUNKHE VINAYAK BHAJ	4021134	AB	69			
35	SAWALKAR HARSH AJAY	4021135	AB	70			
Present # 33		Absent # 15		Staff Name & Sign: <i>Mind</i>			

Staff Coordinator

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**Vashi, Navi-Mumbai**

**SESSION 2 : MENTAL HEALTH - Attendance**  
**STRESS MANAGEMENT**  
**Fr. C. RODRIGUES INSTITUTE OF TECHNOLOGY, Vashi - Electrical Engg. De SEM 2022 5**

SUN: **VIDYUT** Date: **15-10-22** Time: **11-12** LECT/ TUT/ PRACT

Sr. #	BATCH 1	Roll #	APE	Sr. #	BATCH 3	Roll #	APE
1	CHIMRAKCHIT SHIRDI	4020103	<i>[Signature]</i>	31	GOSAVI VIDHYA	4020155	<i>[Signature]</i>
2	DEOLKAR VIGNESH	4020104	<i>[Signature]</i>	32	DHUMAL NEEHARAJ	4020156	<i>[Signature]</i>
3	DUDAL PURVA	4020107	<i>[Signature]</i>	33	VAIDAV BAIKRAJ	4020157	<i>[Signature]</i>
4	HARSH VOGESH	4020110	<i>[Signature]</i>	34	KAMBLE AVISHKAR	4020158	<i>[Signature]</i>
5	KADURKAR SAURABH	4020111	<i>[Signature]</i>	35	KADURKAR SANHIT	4020159	<i>[Signature]</i>
6	KEDARI SUSHANT	4020113	<i>[Signature]</i>	36	VINAY SAGAR	4020160	<i>[Signature]</i>
7	KILASKI PIYUSH	4020114	<i>[Signature]</i>	37	DETHI AMISH	4020162	<i>[Signature]</i>
8	MAHAPALE SHANTANU	4020118	<i>[Signature]</i>	38	HAHWANIWALA HIRZEFA	4020163	<i>[Signature]</i>
9	MASKE GANESH	4020120	<i>[Signature]</i>	39	USHRINIKH BIDDHESHI	4020164	<i>[Signature]</i>
10	MORYE ROHAN MILIND	4020123	<i>[Signature]</i>	40	GAJARE TRUPTI	4020165	<i>[Signature]</i>
11	PALANDE PRATHAMESH	4020126	<i>[Signature]</i>	41	JADHAV GANESH	4020167	<i>[Signature]</i>
12	PARAB PRATIM PRAKASH	4020128	<i>[Signature]</i>	42	SCHITLE SUSHANT	4020168	<i>[Signature]</i>
13	PARAB SALONI	4020129	<i>[Signature]</i>	43	BALJOT KAVR	4020170	<i>[Signature]</i>
14	PATIL HEMANTH	4020130	<i>[Signature]</i>	44	HODAWADEKAR SANDESH	4020171	<i>[Signature]</i>
15	PATIL KARAN	4020131	<i>[Signature]</i>		BATCH 4		RES
	BATCH 2		APE	45	AURORA ROMAN	4020101	<i>[Signature]</i>
16	PAWAR SHUBHAM	4020133	<i>[Signature]</i>	46	BHARAWADKAR VINAYAK	4020102	<i>[Signature]</i>
17	PAJAPATI YASH	4020134	<i>[Signature]</i>	47	DORNALA BHAVANA	4020106	<i>[Signature]</i>
18	RAJPUT MOHIT RANJITSONG	4020136	<i>[Signature]</i>	48	FERNANDES ALDRIGH AGNI	4020108	<i>[Signature]</i>
19	SAYYED MOIZ	4020138	<i>[Signature]</i>	49	GEORGE STEVE	4020109	<i>[Signature]</i>
20	SHARMA ANANDKA ADITYA	4020140	<i>[Signature]</i>	50	KARIKAD KAUSHAL	4020112	<i>[Signature]</i>
21	SHINDE SHREYOG	4020142	<i>[Signature]</i>	51	KUSHWAHA SHUBHAM	4020116	<i>[Signature]</i>
22	SHRIVASTAVA ARYAV	4020143	<i>[Signature]</i>	52	LAD SHREYSHI	4020117	<i>[Signature]</i>
23	SINGH ANSHUMAN	4020144	<i>[Signature]</i>	53	MAINKAR SAUMITRA	4020119	<i>[Signature]</i>
24	UMDARKAR CHETAN CHAND	4020145	<i>[Signature]</i>	54	MHATRE SUVARADA	4020121	<i>[Signature]</i>
25	VANJARI SIDDHARTHA	4020146	<i>[Signature]</i>	55	MHATRE HARSH	4020122	<i>[Signature]</i>
26	ZOPE RAJESHWARDEAN	4020148	<i>[Signature]</i>	56	HAIR ANURAG	4020124	<i>[Signature]</i>
27	TALELE DHANASHRI	4020150	<i>[Signature]</i>	57	HAMBAR ABHISHEK ANIL	4020125	<i>[Signature]</i>
28	WALNUSKAR YASH	4020151	<i>[Signature]</i>	58	PANDA ANUBHAV	4020127	<i>[Signature]</i>
29	SURVE BIDDHARTHI	4020152	<i>[Signature]</i>	59	PRASAD NIVEDITA	4020136	<i>[Signature]</i>
30	OTUNDEKAR JAYESH	4020154	<i>[Signature]</i>	60	RODRIGUES ROEL COSMAS	4020137	<i>[Signature]</i>
				61	SHAH KRUSHANG	4020139	<i>[Signature]</i>
				62	SHELKE ROHIT	4020141	<i>[Signature]</i>
				63	YADAV AATUSHI	4020147	<i>[Signature]</i>
				64	GHARAT VIKUL	4020153	<i>[Signature]</i>
				65	KASHID ANAND	4020161	<i>[Signature]</i>
				66	GAIKWAD SAURABH	4020166	<i>[Signature]</i>
				67	KULKARNI ATHARVA	4020169	<i>[Signature]</i>

Present # **65**

Absent # **2**

Staff Name & Sign: *[Signature]*

*[Signature]*  
DATE: 15-10-22

*[Signature]*  
Staff Coordinator

*[Signature]*  
HOD





**Agnel Charities**  
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**Vashi, Navi-Mumbai**

SESSION: MENTAL HEALTH BE-Attendance  
STRESS MANAGEMENT



Fr. C. RODRIGUES INSTITUTE OF TECHNOLOGY, Vashi - Electrical Engg. Dept

Sem 2022 Page: 7

SRN: VJOYUT

Date: 15/10/22 Time: 11-12

LE07 / TUT / PRAC

No. #	Batch 1	Roll #	Sign	No. #	Batch 2	Roll #	Sign
1	ARAND UNNKRISHNAN	4019103		39	PYUSH KUMAR	4019140	
2	ANTO SEN - AB	4019103		40	PRADHAN KEDAR VIRENDRA	4019141	
3	ASTITWA ANANT	4019103		41	HAARIT VISHAL	4019142	
4	BERKE SMIT SITARAM	4019104		42	PABHAT GAURAV JATWANI	4019143	
5	CHAIKE RAISH TRAKASH	4019105		43	TEJAS SHIVANI	4019145	
6	CHAUHAN ANAND TRAKASH	4019106		44	SIDDHANT ADARSH TRIPATHI	4019146	
7	DESHMUKH SANKSHIT R	4019107		45	SHEKH VEDHANTH	4019147	
8	DINESH USAIN - AB	4019109		46	SURVASE HARSH SHIRGAONKAR	4019148	
9	ENOLU SHREEDHAR KUNJ	4019110		47	ELABE YEDANT SUDHIR	4019149	
10	GUPTA RITIK KUMAR RAMAN	4019111		48	TANPATIL ROHAN KESHAV	4019150	
11	INDALE HARSHAL NITIN	4019112		49	GOHAPI PRANAV GURURAJ	4019151	
12	JADHAV ATUSH VISHWAS	4019113		50	VARTAK CHIKRAJ ATUL	4019152	
13	JHA RITAK	4019114		51	WANI SHRITHIK	4019153	
14	JOHNY GEORGE JOSEPH	4019115		52	YADAV NIVEDITA R	4019154	
15	KADAM SANDEEP SHAMRAO	4019116		53	MUHAMMAD MOHAMMED UMAR	4019155	
16	KAMBLE RAISH	4019117		54	ZAGADE SAKET RAJU	4019157	
17	KAMBLE SURAJ RAJAN	4019118		55	KADAM ARADHAMANIL	4019158	
18	KANSALVIYA VIKAS RAJESH	4019119		56	SURYAKANSHI VAISHNAV	4019159	
19	KUCHIKAR SUSHANT DADAJI	4019120					
	Batch 2				Batch 4		
20	KULKARNI ARCHIT AJIT	4019121		57	VYAS DIVYA PRASHANT	4019160	
21	LAHARE DORASI KALAS	4019122		58	MISHRA HARSHAL RAKESH	4019161	
22	LOHDE TANUKEER DAD	4019123		59	SURVE ANUSHKA ANIL	4019162	
23	MAHARAO NAGESH SHIVAJI	4019124		60	CHAVAN Pooja RAMDAS	4019163	
24	MALIK ANUSH KISHAN KUN	4019125		61	GHADGE SAKSHI SUNIL	4019164	
25	MAURYA NITESH INDRESH	4019126		62	KARTHIK RAJASWARAN	4019165	
26	MAYEKAR SHIVTE SHRUTI	4019127		63	WADKAR GAURI RAMESH	4019166	
27	MHATRE RISHABH RAJAN	4019128		64	KARALIYA DEEPA CHAND	4019167	
28	NAIR SHUBH VENU	4019129		65	TEJAS PARSHURAM KUNAL	4019168	
29	PACHPUND VEDANT VITTHAL	4019130		66	MAHAJAN NITESH VIDYADH	4019169	
30	PANCHAL PARAN NIVRUTTI	4019131		67	PANDAY ARISHTEK VIKAS	4019170	
31	SHELAR TEJAS PANDIT	4019132		68	JATPAL PRATHANESH CHA	4019171	
32	PASALKAR ATHARVA SANTO	4019133		69	AAYUSH KUMAR	401801	
33	PATIL KOMAL DEVANAND	4019134		70	NADAR ANNEE	401809	
34	PATIL PIYUSH RAJARAM	4019135		71	NAIR ARISHTEK	401841	
35	PATIL SHUBHANGI HANMANT	4019136		72	SEKH ANHILKANT	401854	
36	PAWAR CHINMAY DILIP	4019137		73	WILSON ARIOLD - AB	401863	
37	PRINCEKAR TANMAY DADJI	4019138		74	SIRHANT NISHA	401731	
38	SHAPALE VIKAS VIKAS	4019139			Staff Name & Sign:		
Present #	59	Absent #	15				

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1 of 1

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Staff Coordinator

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

**e. Summary of Feedback :**

Feedback Summary (TE and BE)				
Topic: Mental Health and Stress Management				
To what extent was the speaker knowledgeable, organized, and effective during the presentation?	Excellent 70%	Good 26%	Satisfactory 4%	Poor 0%
How do you rate the overall effectiveness of the session?	Excellent 71%	Good 23%	Satisfactory 6%	Poor 0%
How much the session was useful from knowledge and information point of view?	Excellent 71%	Good 21%	Satisfactory 8%	Poor 0%
How relevant was the content delivered by the speaker?	Excellent 71%	Good 22%	Satisfactory 6%	Poor 1%
Do you need more such sessions in future?	Yes 82%	No 6%	Maybe 12%	
Total No of Students Given Feedback				82

Feedback Summary for Session 2 (SE)				
Topic: Time Management				
To what extent was the speaker knowledgeable, organized, and effective during the presentation?	Excellent 66%	Good 29%	Satisfactory 5%	Poor 0%
How do you rate the overall effectiveness of the session?	Excellent 62%	Good 33%	Satisfactory 5%	Poor 0%

*Mind*  
 Staff Coordinator

*Bridha*  
 HOD



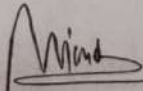
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**Vashi, Navi-Mumbai**


How much the session was useful from knowledge and information point of view?	Excellent 71%	Good 24%	Satisfactory 5%	Poor 0%
How relevant was the content delivered by the speaker?	Excellent 62%	Good 29%	Satisfactory 5%	Poor 4%
Do you need more such sessions in future?	Yes 86%	No 10%	Maybe 4%	
Total No of Students Given Feedback				21

f. Action to be Taken based on Feedback: Nil

10. Activity / Event Geo tagged Photograph :



  
Staff Coordinator

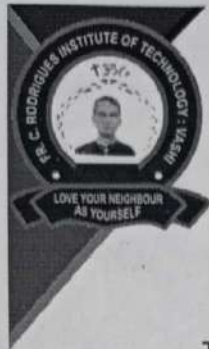
  
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**Vashi, Navi-Mumbai**

11. Sample Certificate



**Agnel Charities'**

**Fr. C. Rodrigues Institute of Technology**  
**Department of Electrical Engineering**



**CERTIFICATE**

This is to certify that **Mr. Anand Unnikrishnan** form Final Year Engineering attended **Vidyut Seminar** on **15th October 2022**. The seminar series included seminars on topics '**Electrical Safety**' and '**Mental Health and Stress Management**'.

**Mr. Anand kashid**  
EESA Chairperson

**Mr. Rajendra Soni**  
Faculty In Charge EESA

**Dr. Bindu S**  
HOD Electrical

Staff Coordinator

HOD



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

**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee:**

1. **Name of the Activity/Event** : *ISTE Approved Short Term training programme on POWER ELECTRONICS AND DRIVES (Online from 31<sup>st</sup> Oct. to 4<sup>th</sup> Nov, 2022 and offline on 5<sup>th</sup> Nov. 2022 which is optional)*
2. **Activity/Event Venue & Date** : *First 5 days Online Platform (MS Teams). The optional offline session on 5<sup>th</sup> November is conducted in the laboratories of the Department of Electrical Engineering of FCRIT, Vashi, Navi Mumbai, Maharashtra-400703.*
3. **Nature of Participants** : *Students of B. E. Final Year Electrical Engineering Students, Ph. D. Scholars, Teaching Faculty of various Engineering colleges of University of Mumbai.*
4. **Number of Participants** : *30 Nos. (8 B. E students, 2 Ph. D. Scholars, 20 Faculty Members)*
5. **Student Coordinator** : *NIL*
6. **Staff Coordinator** : *Dr. Bindu R (Convener) & Mr. Rajendra Soni (Co-Convener)*
7. **Resource Persons** : *Dr. Shreelakshmi. M. P, Asst. Professor, N.I.T, Calicut, Kerala, Dr. Sushil Thale, Professor, FCRIT, Vashi, Navi Mumbai. Mr. Hrishikesh Kulkarni, Manager, Business Development (Customer Services), Siemens, Kalwa, Dr. Deepa Vincent, Project Engineer, EV Power Train Virtual Engineering, Stellantis, U.S.A, Dr. Prajof P, Asst. Professor, N.I.T, Surathkal, Karnataka, Dr. Arvind Kadam, R&D Engineering Team lead, Workspot Ltd., Canada, Mr. Ritvik Mittal, Deputy Manager, Replus Engitech Pvt. Ltd., Pune, Maharashtra, Dr. Ramchandra Bhosale, igrenEnergi Inc., G-02, CTARA, Old CSE Building, IIT, Powai, Mumbai, Maharashtra, Mr. Rahul Patil, Research Scholar, MNIT, Jaipur, Rajasthan. Prof. Rashmi Kale, Asst. Professor, FCRIT, Vashi, Dr. Bindu R, Associate Professor, FCRIT, Vashi, Navi Mumbai, Prof. Ruchi Harchandani, Asst. Prof., FCRIT, Vashi, Dr. Mini Rajeev, Associate Professor, FCRIT, Vashi, Dr. Mini K. Namboothiripad, Asst. Prof., FCRIT, Vashi*
8. **Brochure** : *Attached at the end*
9. **Brief Summary of the Activity/Event (in maximum 500 words):**

**Dr. Bindu R.**

Staff Coordinator

**Dr. Bindu S.**

HOD





# *Agnel Charities*

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

### *Vashi, Navi-Mumbai*

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**a. Objectives** : *Impart knowledge on the design and development of basic power electronic systems, Impart knowledge on the use of DSP and FPGA in Power Electronics and Drives applications, Impart knowledge on the use of PLC and IOT with Drives for automation*

**b. Technical Description** :

ISTE approved short term training program on Power Electronics and Drives had 30 registrations with 20 Faculty members, 2 Ph. D. scholars and 8 B. E. students of final year, who are doing projects in the related area.

On the first day, 31<sup>st</sup> October 2022, the program started with the Inaugural function followed by Session 1 by Dr. Shreelakshmi, Asst. Professor, N.I.T, Calicut where she highlighted the Importance of Power Electronics and Drives in the context of Emerging Electric Vehicle Technology. Next session by Dr. Sushil Thale, Professor, FCRIT, covered the selection of different Components in Power Electronics Applications where he also demonstrated some softwares which will help in the selection process. Third session by Mr. Hrishikesh Kulkarni, Manager, Business Development (Factory Automation), Siemens covered Industrial Automation and Industrial IoT (Industry 4.0)

On the second day, 1<sup>st</sup> Nov. Dr. Deepa Vincent, Project Engineer, EV Power Train Virtual Engineering, Stellantis, U.S.A had given an overview and comparison of different Softwares used for Electrical Machine Design, especially for Electric vehicles. The second session of the day by Dr. Prajof Prabhakaran of N.I.T, Surathkal covered Electric Vehicles Power Train and Battery Management System with a case study. Dr. Arvind Kadam, R&D Engineering Team lead, Workspot Ltd., Canada highlighted the Application of Power Electronics in Automotive Test Industry and he explained how to emulate an IM using power electronics.

On the third day, 2<sup>nd</sup> Nov. Dr. Sushil Thale had given an introduction on the use of DSP in Power Electronics Applications which is followed by a detailed session by Prof. Rashmi Kale of FCRIT, to help the beginners to explore TI's CCS software. Last session of the day was handled by Mr. Ritvik Mittal, Deputy Manager, Replus Engitech Pvt. Ltd., Pune where he introduced various Energy Storage systems.

On the fourth day, 3<sup>rd</sup> Nov. Dr. Ramchandra Bhosale of igrenEnergi introduced various Electrical Drives used for EV Application with a highlight of Field oriented control of Induction Motor in the implementation level. Mr. Rahul Patil from MNIT had explained different Power Factor Correction Converters used for Electrical Drives. In the last session. Dr. Bindu R and Prof. Ruchi Harchandani of FCRIT presented case studies on Power Conversion System in EV Application with Hybrid Energy Storage System and PLC with AC Motor Drive for Automation respectively

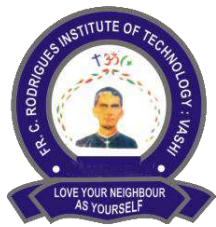
On the fifth day, 4<sup>th</sup> Nov. Dr. Mini Rajeev talked about transformerless grid-connected single-stage PV systems, types of DC - DC converters and inverters in PV grid interface and implementation aspects of single-phase inverter. In the last session, Dr. Mini Namboothiripad explained FPGA Programming and Implementation in detail.

**Dr. Bindu R.**

Staff Coordinator

**Dr. Bindu S.**

HOD



# *Agnel Charities*

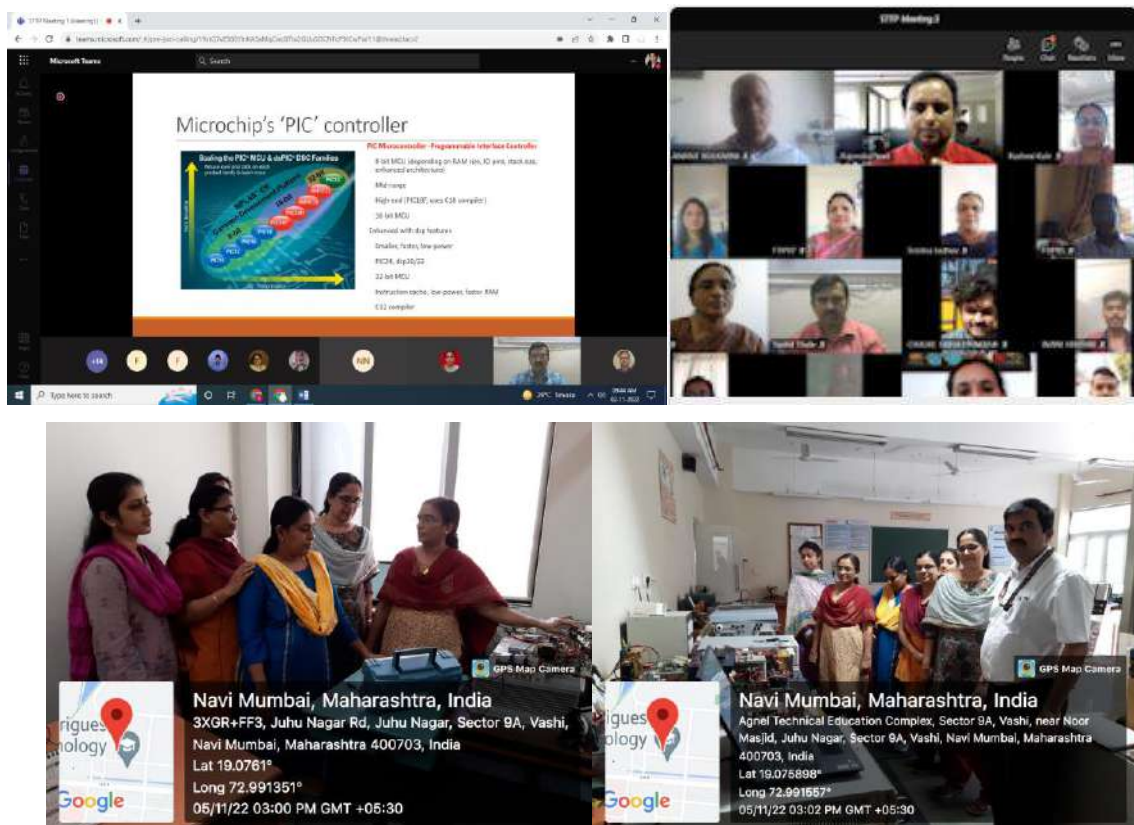
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### *Vashi, Navi-Mumbai*

On the 6<sup>th</sup> day, 5<sup>th</sup> November there was an offline session with 8 participants which included lab visits and demonstrations of the selected experimental set-up.

- c. **Outcomes** : *The Programme provided theoretical as well as practical aspects of POWER ELECTRONICS AND DRIVES in the context of emerging Electric Vehicle Technology*
- d. **Attendance of Participants:** *Everyone has more than 80% overall attendance*
- e. **Summary of Feedback** : *100% of the participants responded that all the objectives of the program are full filled and on an average more than 70% participants had rated 5/5 for almost all the feedback points (Response attached)*
- f. **Action to be Taken based on Feedback:** *More online practical sessions & offline STTPs*

#### 10. Activity / Event Geo tagged Photograph :



- 11. **Sample Certificate** : *Certificate from ISTE is yet to be received. Certificate provided by the Institute is attached*

Dr. Bindu R.  
Staff Coordinator

Dr. Bindu S.  
HOD





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



Dr. Bindu R.  
Staff Coordinator

Dr. Bindu S.  
HOD

## PROFILE OF THE INSTITUTE

Fr. C. Rodrigues Institute of Technology was established in 1994 as an extension of the pioneering efforts of the Agnel Ashram fathers in the arena of Technical Education. FCRIT in a short span of time established itself as a leading Engineering college in Mumbai. The Government of Maharashtra awarded FCRIT an A grade right from its inception. Electrical, EXTC, Mechanical and Computer engineering departments of the Institute have been awarded accreditation for three years by National Board of Accreditation up to June 2025. The Institute is also accredited by NAAC in February 2021. The Institute has been selected as the "Best College" in the category of best college amongst the Urban area under the "Best College Award" instituted by the University of Mumbai for the year 2020-21.

## DEPARTMENT VISION

To evolve as a progressive centre for modern technical education in the field of Electrical Engineering to produce self-sustainable professionals through value based education

## DEPARTMENT MISSION

To provide modern technical education in the area of Electrical Engineering.  
To collaborate with industries and institutes of repute to grow progressively.  
To provide holistic environment for the development of socially responsible citizens.

## ABOUT DEPARTMENT

1. Experienced and well qualified staff.
2. Excellent infrastructural facilities.
3. Very well equipped laboratories.
4. Modern software for research and education.
5. Excellent student results.
6. Many UG/PG research grants to faculties.
7. Industrial consultancy and projects and many more.....

## PATRON

**Rev. Fr. Saturnino Almeida** - Managing Director, Agnel Technical Education Complex (ATEC), Vashi  
**Rev. Fr. Seby Rodrigues** - Assistant Managing Director, ATEC, Vashi

## ADVISORY COMMITTEE

**Dr. S. M. Khot** - Principal, Fr. CRIT, Vashi  
**Dr. Bindu S** - Professor and Head, Electrical Engineering  
**Dr. Sushil Thale** - Professor, Electrical Engineering  
**Dr. Mini Rajeev** - Assoc. Professor, Electrical Engineering  
**Dr. Mahendra Rane** - Assoc. Prof, Electrical Engineering  
**Dr. Mini K. Namboothiripad** - Asst. Professor, Electrical Engineering

## CONVENER

**Dr. Bindu R**  
Associate Professor  
Department of Electrical Engineering  
Mob: +91-9769497345  
email: [bindu.r@fcrit.ac.in](mailto:bindu.r@fcrit.ac.in)

## CO-CONVENER

**Mr. Rajendra Soni**  
Assistant Professor  
Department of Electrical Engineering  
Mob: +91-8097945451  
email: [rajendra.soni@fcrit.ac.in](mailto:rajendra.soni@fcrit.ac.in)

## WHO CAN REGISTER?

Faculty and P.G./Ph. D. Scholars in Engineering.  
Engineers and other aspirants who are curious to know about power electronics and drives in the context of emerging electric vehicle technology.



**ISTE  
Approved**

**Short Term Training Programme  
on  
Power Electronics and Drives**

***From 31<sup>st</sup> Oct. to 5<sup>th</sup> Nov. 2022***

***Online from 31<sup>st</sup> Oct. to 4<sup>th</sup> Nov, 2022  
and offline on 5<sup>th</sup> Nov. 2022 (optional)***



**Organized by:**

**Department of Electrical Engineering  
Agnel Charities' Fr. C. Rodrigues Institute  
of Technology  
Agnel Technical Education Complex,  
Sector 9A, Vashi,  
Navi Mumbai - 400 703.  
[www.fcrit.ac.in](http://www.fcrit.ac.in)**



## OBJECTIVES OF THE PROGRAM

The fields of automation and control remain incomplete without the support of power electronics. Advances in the field of power electronics and drives has been the main impetus behind the recent developments in electrical engineering arena, especially in the field of electric vehicles and renewable energy systems. The course will be beneficial for faculty members from academic and research institutions, research scholars, engineering post-graduates and professionals from industries.

The course will focus on introduction to power electronics and drives applications in emerging areas of electric vehicle technology, software tools for the design of electrical machines and control implementation using DSP and FPGA. The program will also include case studies in online mode and hands-on experience in offline mode on the sixth day which is optional. An introduction to Industrial Automation and Industrial IoT is also included in the programme.

## CONTENTS OF THE PROGRAM

1. Importance of Power Electronics and Drives in the context of Emerging Electric Vehicle Technology
2. Components in Power Electronics Applications
3. Industrial Automation and Industrial IoT (Industry 4.0)
4. Software used for Electrical Machine Design
5. Electric Vehicles Power Train and Battery Management System - A Case study

6. Application of Power Electronics in Automotive Test Industry
7. DSP in Power Electronic Applications
8. DSP programming and Implementation: Basics
9. Grid Connected Energy Storage system
10. Electrical Drives for EV Application and FOC of Induction Motor
11. PFC Converter for Electrical Drives
12. Case Studies:
  - Power Conversion System in EV Application with Hybrid Energy Storage System.
  - PLC with AC Motor Drive for Automation
13. Power Electronics for Renewable Energy Systems, Transportation and Industrial Applications: Summary
14. FPGA Programming and Implementation: Basics

## RESOURCE PERSON

The program will be conducted by eminent speakers from Industry and Academia.

## MODE OF CONDUCTION

The programme will be conducted through online platform from Oct. 31<sup>st</sup> to Nov. 4<sup>th</sup> 2022. The details about the platform to be used and joining links will be shared with the participants well in advance.

The optional offline session on 5<sup>th</sup> November will be conducted in the laboratories of the Department of Electrical Engineering of FCRIT, Vashi, Navi Mumbai, Maharashtra-400703.

## REGISTRATION FEE

Registration fee is common for all and it is ₹.750/- (Inclusive of GST) per participant. The amount of registration fees includes cost incurred for ISTE approval, course and certificate fee.

### **Bank details for NEFT/IMPS Payment**

Bank Name: Indian Overseas Bank

Account No: 059601000007942

Name: Fr C Rodrigues Institute of Technology

Type of Account: Savings

IFSC Code: IOBA0000596

## LINK FOR REGISTRATION

[https://docs.google.com/forms/d/e/1FAIpQLSfwkQyUr0xdJQNzSIW6nBTUW1DDLKwXdG3zcarCGnzSL4h8Fw/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSfwkQyUr0xdJQNzSIW6nBTUW1DDLKwXdG3zcarCGnzSL4h8Fw/viewform?usp=sf_link)

## CRITERIA FOR CERTIFICATE

1. E-Certificates will be provided by the organizing institute to all the participants who maintain minimum 80% attendance during the Programme and fill all the feedbacks.
2. Also a test will be conducted on the last day of the STTP.
3. Apart from E-Certificates provided by the Institute, another certificate will be provided by ISTE with ISTE logo.
4. ISTE membership is mandatory for getting certificate with ISTE logo. FCRIT will assist in getting ISTE membership if required.
5. Those who are attending the optional offline session on 5<sup>th</sup> Nov. will get an E-Certificate for six days with a special mention of the activity.

# Department of Electrical Engineering

**STTP on POWER ELECTRONICS AND DRIVES (Online from 31<sup>st</sup> Oct. to 4<sup>th</sup> Nov, 2022**

**and offline on 5<sup>th</sup> Nov. 2022 which is optional**

## SCHEDULE

DAY / DATE	TIME	EVENT	TOPIC	RESOURCE PERSON
<b>Monday, Oct 31, 2022</b>	9.15 am- 9.30 am	Inauguration	-----	-----
	9.30 am- 11.00 am	Session 1	Importance of Power Electronics and Drives in the context of Emerging Electric Vehicle Technology	Dr. Shreelakshmi. M. P, Asst. Professor, N.I.T, Calicut, Kerala
	11.30 am - 1.00 pm	Session 2	Components in Power Electronics Applications	Dr. Sushil Thale, Professor, FCRIT, Vashi, Navi Mumbai.
	1.00 pm to 2.00 pm	Lunch Break		
	2.00 pm - 3.30 pm	Session 3	Industrial Automation and Industrial IoT (Industry 4.0)	Mr. Hrishikesh Kulkarni, Manager, Business Development (Customer Services), Siemens, Kalwa.
<b>Tuesday, Nov. 01, 2022</b>	9.30 am- 11.00 am	Session 4	Software used for Electrical Machine Design	Dr. Deepa Vincent, Project Engineer, EV Power Train Virtual Engineering, Stellantis, U.S.A.
	11.30 am - 1.00 pm	Session 5	Electric Vehicles Power Train and Battery Management System- A Case study	Dr. Prajof P, Asst. Professor, N.I.T, Surathkal, Karnataka.
	1.00 pm to 2.00 pm	Lunch Break		
	2.00 pm- 3.30 pm	Session 6	Application of Power Electronics in Automotive Test Industry	Dr. Arvind Kadam, R&D Engineering Team lead, Workspot Ltd., Canada.
<b>Wednesday, Nov. 02, 2022</b>	9.30 am- 10.30 am	Session 7	DSP in Power Electronics Applications	Dr. Sushil Thale, Professor, FCRIT, Vashi, Navi Mumbai.
	11.00 am - 1.00 pm	Session 8	DSP programming and Implementation: Basics	Prof. Rashmi Kale, Asst. Professor, FCRIT, Vashi
	1.00 pm to 2.00 pm	Lunch Break		
	2.00 pm- 3.30 pm	Session 9	Grid Connected Energy Storage system	Mr. Ritvik Mittal, Deputy Manager, Replus Engitech Pvt. Ltd., Pune, Maharashtra..
<b>Thursday, Nov. 03, 2022</b>	9.30 am- 11.00 am	Session 10	Electrical Drives for EV Application and FOC of Induction Motor	Dr. Ramchandra Bhosale, igrenEnergi Inc., G-02, CTARA, Old CSE Building, IIT, Powai, Mumbai, Maharashtra.
	11.30 am - 1.00 pm	Session 11	Power Factor Correction Converter for Electrical Drives	Mr. Rahul Patil, Research Scholar, MNIT, Jaipur, Rajasthan.
	1.00 pm to 2.00 pm	Lunch Break		
	2.00 pm- 3.30 pm	Session 12	Case Studies: • Power Conversion System in	Dr. Bindu R, Associate Professor,



			EV Application with Hybrid Energy Storage System. • PLC with AC Motor Drive for Automation	FCRIT, Vashi, Navi Mumbai. Prof. Ruchi Harchandani, Asst. Prof., FCRIT, Vashi
<b>Friday, Nov. 04, 2022</b>	9.30 am-11.00 am	Session 13	Power Electronics for Renewable Energy Systems, Transportation and Industrial Applications: Summary	Dr. Mini Rajeev, Associate Professor, FCRIT, Vashi
	11.30 am - 1.00 pm	Session 14	FPGA Programming and Implementation: Basics	Dr. Mini K. Namboothiripad, Asst. Prof., FCRIT, Vashi
	1.00 pm to 2.00 pm	Lunch Break		
	2.00 pm-3.30 pm	Valedictory Function	Test/Feedback.	-----
<b>Saturday, Nov. 05, 2022 9.30 am – 3.30 pm</b>	<b>Offline Session (Optional)</b> <i>Workshop on Power Electronics and Drives – Visit to laboratories, Demonstrations, Hands-on Experience</i>			

## ATTENDANCE LIST

Sr. No.	Name of participant. (As required on certificate)	Email Address	Name of college/organization	Address/Place of your organization	Designation
1	Mrs. Mohini Sagar kher	mohinikher@sfit.ac.in	St. Francis Institute of Technology	Mount poinsar, borivli	Faculty
2	Shyma K V	shymak@sfit.ac.in	SFIT	Borivali West	Faculty
3	OMKAR VISHWANATH PAWAR	omkarpawar@sfit.ac.in	ST. FRANCIS INSTITUTE OF TECHNOLOGY, BORIVALI	BORIVALI	Faculty
4	JOSNA JOSE	josnajose@sfit.ac.in	St. Francis institute of technology, Borivali west, Mumbai	Borivali west Mumbai	Faculty
5	PRATIK DASHARATH RAHATE	pratikrahate05@gmail.com	SFIT BORIVALI	B/1403, MAGATHANE TEENMURTI SUMMIT C.H.S. BORIVALI EAST	Faculty
6	Seema Jadhav	seema.jadhav@fcrit.ac.in	Fr. C. Rodrigues Institute of Technology, Vashi	Sector 9A, Vashi	Faculty
7	Kulkarni Anant Aravind	anantkulkarni801@fcrit.ac.in	Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai	Near Noor Masjid, Vashi Navi Mumbai	Faculty
8	Pallavi Chhagan Kharat	pallavi.kharat@extc.sce.edu.in	Saraswati College of engineering	Kharghar Navi Mumbai	Faculty
9	Rajashri Narwade	rajashri.narwade@extc.sce.edu.in	Saraswati College of engineering	Kharghar	Faculty
10	Keerthi Unni	unnikeerthy@gmail.com	FrCRIT, Vashi	Sector 9 A, Vashi ,Navi Mumbai 400703	Student
11	Hrithik Dipak Wani	hrthk14@gmail.com	Fr. C. Rodrigues Institute Of Technology, Vashi	Vashi	Student
12	Chinmay Vartak	chinmayvartak84@gmail.com	FCRIT, Vashi	Father Agnel Technical Education Complex, near Noor Masjid, Juhu Nagar, Sector 9A, Vashi, Navi Mumbai, Maharashtra 400703	Student



13	SAISH CHALKE	saishchalke21.sc@gmail.com	FCRIT Vashi	Agnel Technical Education Complex, Vashi, Navi Mumbai, Maharashtra 400703	Student
14	Harsh Dhanraj Survase	survaseharsh2010@gmail.com	FCRIT	Vashi	Student
15	Harshal Nitin Ingale	ingaleh81101@gmail.com	Fr. C. Rodrigues Institute of Technology, New Mumbai, Vashi	Near Noor Masjid, Juhu Nagar, Sector 9A, Vashi, Navi Mumbai, Maharashtra 400703	Student
16	Shreedhar Krishna Enlolu	enlolu.shreedhar@FCRIT.onmicrosoft.com	Fr.C.Rodrigues Institute of Technology	Navi Mumbai	Student
17	Ruchi Harchandani	ruchi.harchandani@fcr.it.ac.in	Fr C Rodrigues Institute of Technology, Vashi	Fr C Rodrigues Institute of Technology, Vashi	Faculty
18	Pranav Gururaj Tonapi	pranavtonapi@gmail.com	Fr. Conceicao Rodrigues Institute of Technology	Father Agnel Technical Education Complex, near Noor Masjid, Juhu Nagar, Sector 9A, Vashi, Navi Mumbai, Maharashtra 400703	Student
19	Rashmi Kale	rashmi.kale@fcrit.ac.in	Fr. C. Rodrigues Institute of Technology, Vashi	Sector 9A, Vashi, Navimumbai	Faculty
20	Divya Sajeesh	divya.sajeesh@fcrit.ac.in	Fr.C.Rodrigues Institute of Technology	sector 9 A, vashi	Faculty
21	Misbah Khan	khanmisbah004@gmail.com	FCRIT, Vashi	FCRIT, Vashi	Faculty
22	Nikita U Nimbalkar	nikita.nimbalkar@fcrit.ac.in	FCRIT, Vashi	Agnel Technical Education Complex, Sector 9A, Vashi, Navi-Mumbai	Faculty
23	Atharva Santosh Pasalkar	pasalkaratharva123@gmail.com	FCRIT	Vashi Navi Mumbai	Student
24	Mr. Siddhesh Rohidas Mane	siddhesh.mane@slrtc.e.in	Shree L. R. Tiwari College of Engineering	Kanakia Park, Mira Road (East)	Faculty

25	DR. THOUDAM PARASKUMAR SINGH	pksingh.mgmcet@gmail.com	MGM College of Engineering and Technology	Kamothe, Navi Mumbai, Maharashtra	Faculty
26	Shraddha Aniket Sawant	shraddha.hule@aikt.ac.in	AIKTC NEW PANVEL	New Panvel	Faculty
27	Priti Ravindra Sathe	priti.sathe@vpmpcoe.org	VPM's Maharshi Parshuram College of Engineering Velneswar	Velneswar	Faculty
28	Mr. Satish Nandkumar Ghorpade	satish.ghorpade@vpmpcoe.org	Maharshi Parshuram College of Engineering Velneswar	203 B Wing Indraprastha apartment, Radhakrishna nagar, Bahadurshekh naka	Faculty
29	Rajendra Soni	rajendrasoni86@gmail.com	FCRIT	Vashi, Navi Mumbai	Faculty
30	Bindu S.	bindu.s@fcrit.ac.in	FCRIT	Vashi, Navi Mumbai	Faculty



# STTP Feedback PED-SH2022

30 responses



## Full Name

30 responses

Hrithik Wani

Pallavi Kharat

Harsh Dhanraj Survase

Nikita U Nimbalkar

Priti Ravindra Sathe

Mrs. Mohini S. Kher

Harshal Nitin Ingale

Shraddha Aniket Sawant

Chinmay Vartak

Saish Chalke

Keerthi Unni

Bindu

Mr. Siddhesh Rohidas Mane

DIVYA SAJEESH

Rajendra Soni

Josna jose

Rajashri Narwade

Ruchi Harchandani

Seema Jadhav

OMKAR VISHWANATH PAWAR





Atharva Pasalkar

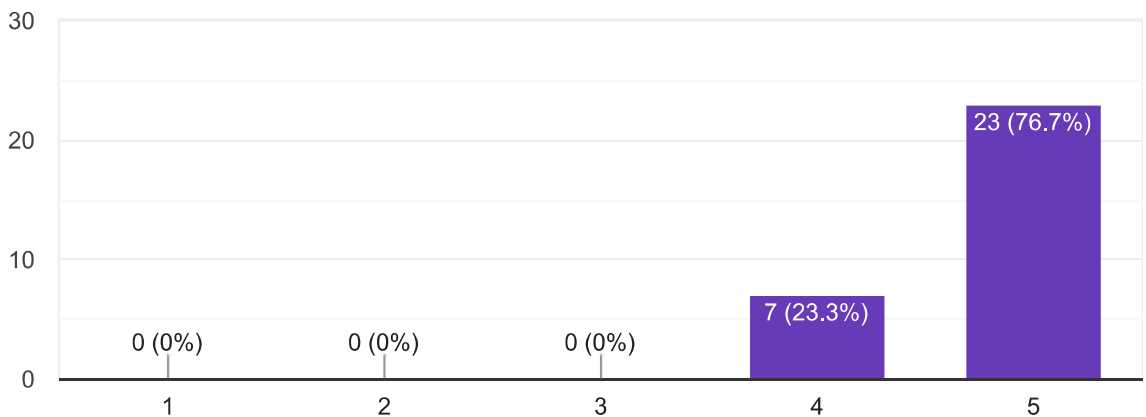
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Institution	Students who did not appear	Percentage
Agnel Chariti...	1	3.1%
FCRIT	7	23.3%
FCRIT Vashi	2	6.7%
Fr C Rodrigu...	1	3.1%
Fr. C. R. I. T	1	3.1%
Josnajose@...	1	3.1%
MPCOE VeIn...	1	3.1%
SFIT Borivali	1	3.1%
Saraswati Co...	1	3.1%
ST FRANCIS...	1	3.1%
pr...	1	3.1%

The course contents met your expectations.

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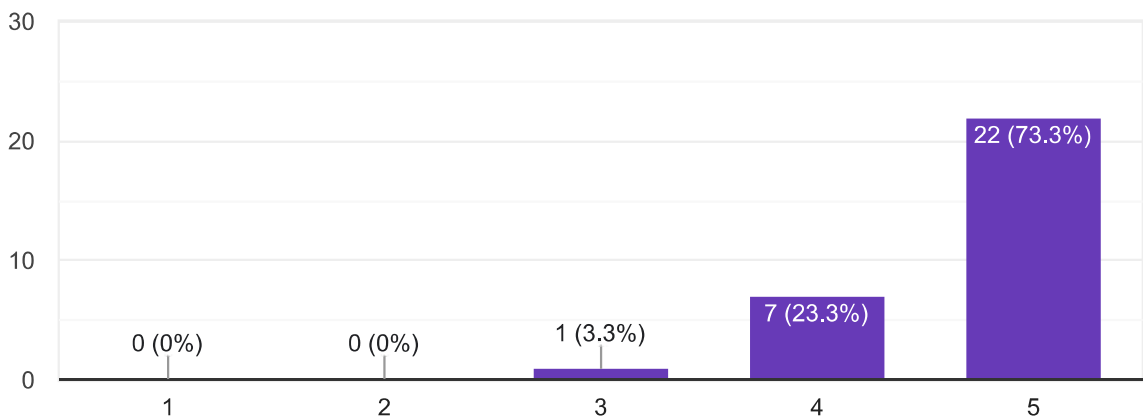
30 responses



The lecture sequence was well planned.

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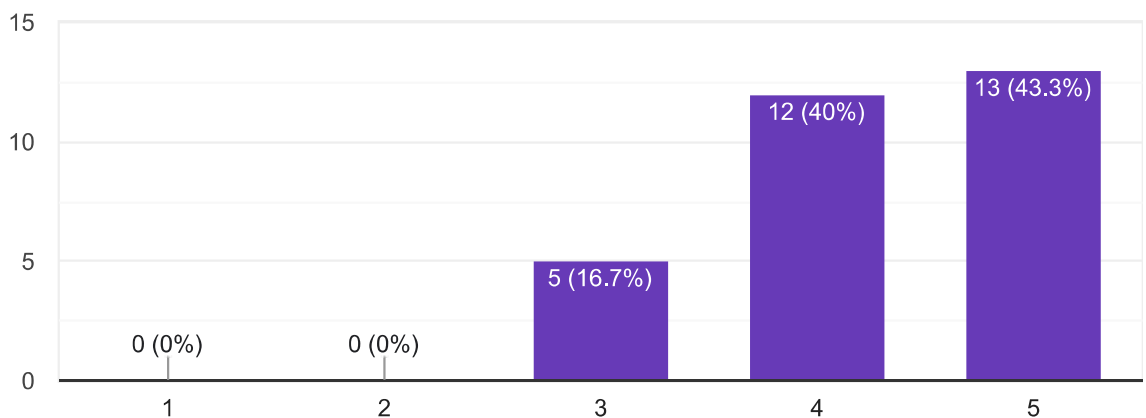
30 responses



The level of the course was

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30 responses

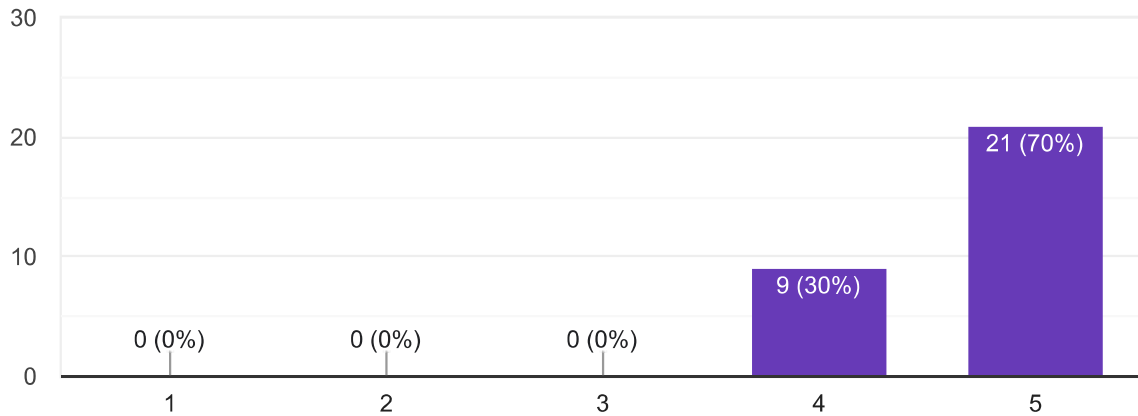




## The course exposed you to new knowledge and practices

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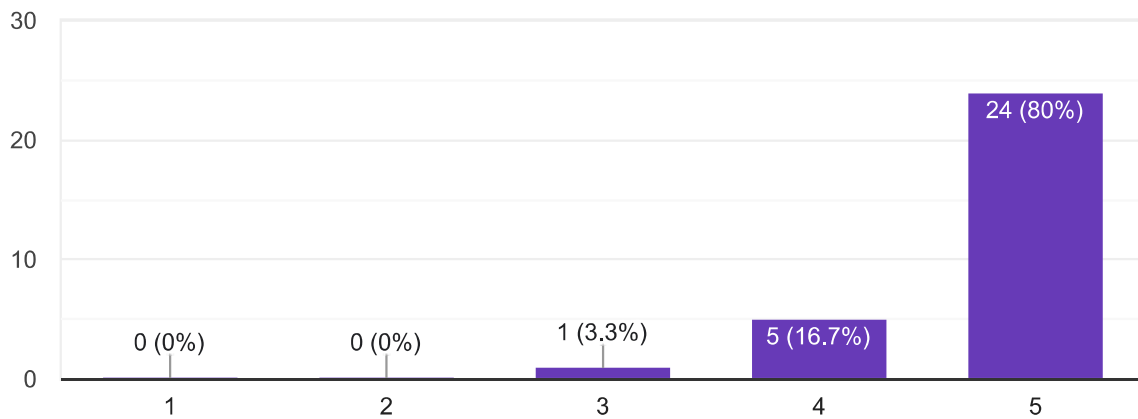
30 responses



## Will you recommend this course to your colleagues?

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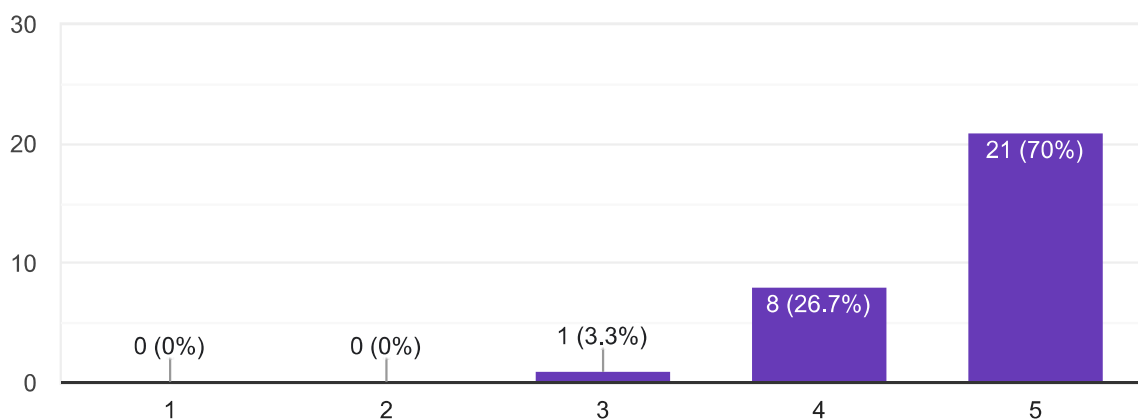
30 responses



## The lectures were clear and easy to understand

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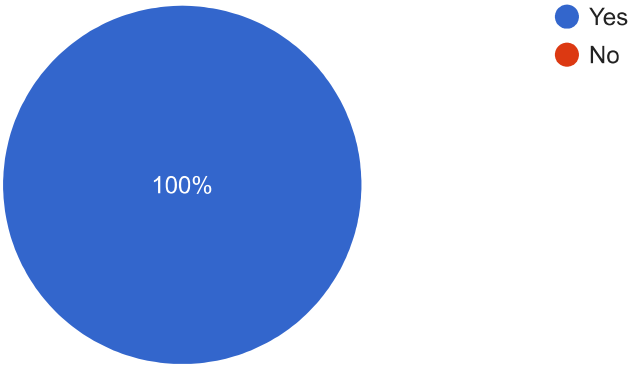
30 responses



Were the objectives the course were realized?

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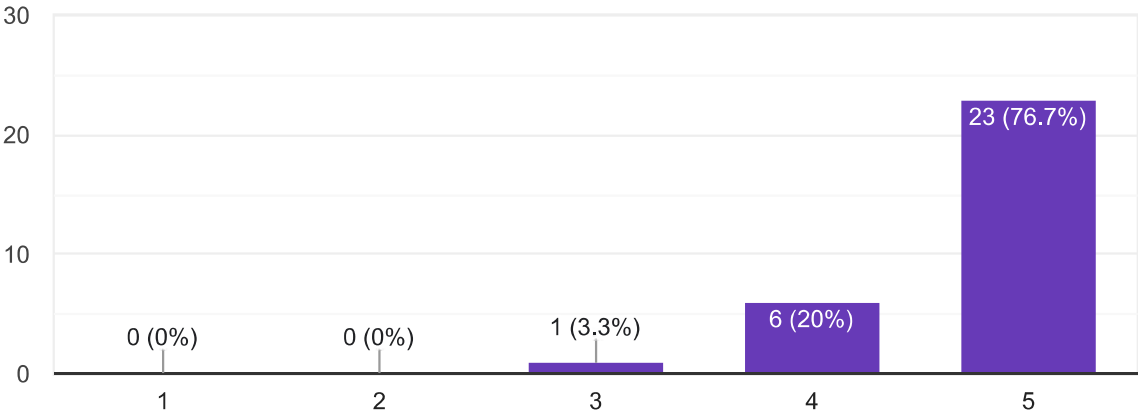
30 responses



The instructors encouraged interaction and were helpful

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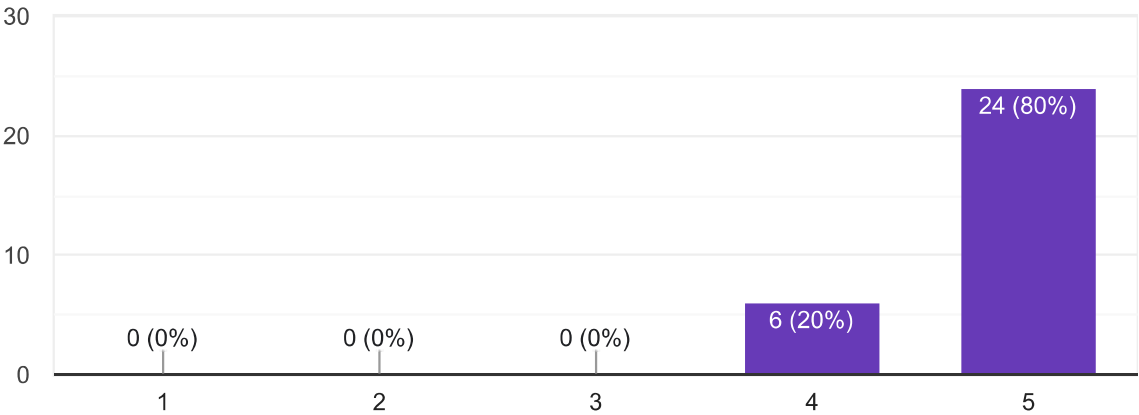
30 responses



How do you rate the overall STTP on a scale of 1 to 5?

 Copy

30 responses

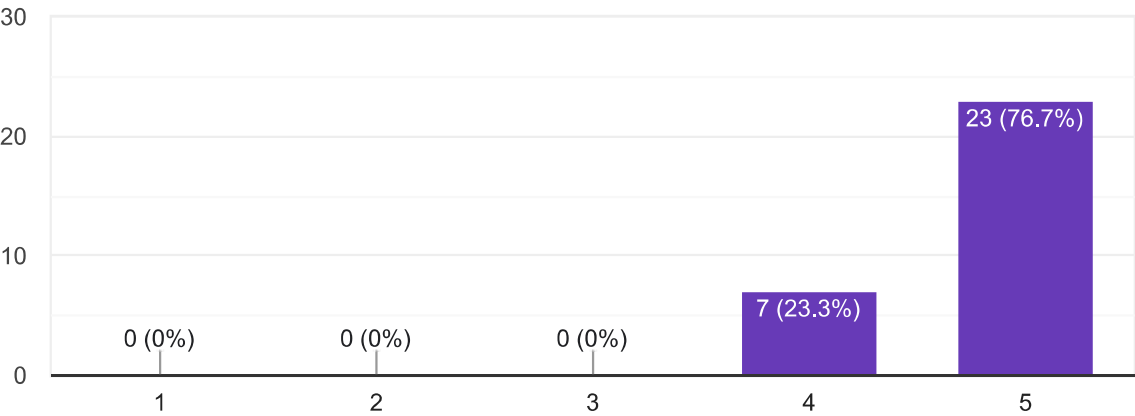




How do you rate the coordination of STTP organizing team on scale of 1 to 5?



30 responses



## Any other comments

30 responses

Excellent

No

Excellent STTP

NA

Session was well organised..

None

Thank u so much

some on line practicals can be organised to improve hands-on experience (if possible)

I enjoyed the course and learned a lot from it.

Everything went smoothly, we are expecting more such training programmes.

Good sessions by experienced individuals

Excellent coordination, very informative sessions

Nil

Overall Good

---

Next time preference offline

Nice STTP , knowledgeble

All sessions are good

Excellent Sessions and Well Organized STTP. Hats Off to the Management and Organizers.

.





no

Na

No.

Sessions were amazing just missed few due to vivas. Would be excited to attend upcoming such courses

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

**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee: Electrical Engineering**

1. **Name of the Activity/Event** : Placement Training for SE and TE students
2. **Activity/Event Venue & Date:** Every week on Saturday.
3. **Nature of Participants** : All TE and BE students of Electrical Engineering those have opted for placement, Not higher studies
4. **Number of participants** : SE-167  
TE-251  
BE-185
5. **Student Coordinator** : Anubhav Panda (TE) and Sanket Kadam (BE)
6. **Staff Coordinator** : Abhishek Shiwalkar
7. **Brief Summary of the Activity/Event (in maximum 500 words):**
  - a. **Objectives** : To train students for campus placement
  - b. **Technical Description** : Tests conducted online using MS TEAM

**SECOND YEAR TEST RECORD**

Sr. No.	Date	Topic	Number of Students attended SE
1	6/8/2022	Aptitude test Problems on Simple interest, Time and distance, Partnerships	43
2	13/8/2022	Aptitude test Problems on Antonyms, Blood relations, Number series, odd man out and puzzles	22
3	10/9/2022	Aptitude test Problems on numbers , ages and finding average	34
4	24/9/2022	Aptitude test Problems on Ratio and proportion	38
5	8/10/2022	Aptitude test Problems on Time and work, Time and distances, Boats and streams	30





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

**THIRD AND FINAL YEAR TEST RECORD**

Sr. No.	Date	Topic	Number of Students attended TE	Number of Students attended BE
1	16/7/2022	Technical test: Power Electronics	47 <i>40</i>	41 <i>51</i>
2	30/7/2022	Technical test: Electrical Machines	46	34
3	06/8/2022	Technical test: Electrical Power system	37	26
4	20/8/2022	General aptitude test	38	33
5	03/9/2022	Technical test: Electrical Circuit	41	27
6	17/9/2022	Technical test: Electrical measurement and instrumentation	42	24

**Abhishek Shiwalkar**  
Staff Coordinator

**Dr. Bindu S**  
HOD

Placement test - SE - 10/9/2022

Total points	ROLL NUMBER	NAME OF THE STUDENT	Department
21	4021116	Yash kohad	Electrical
25	4021103	Rahil	Electrical
25	4021119	Himanshu mali	Electrical
19	4021118	Yash mahajan	Electrical
24	4021131	Swami Rajput	Electrical
24	4021120	Om Suresh Malunjkar	Electrical
23	4021147	Prathamesh R.Yadav	Electrical
24	4021142	Atharva tayade	Electrical
25	4021105	Siddhesh d	Electrical
24	4021109	Yash Ghadge	Electrical
24	4021140	Kirti	Electrical
22	4021141	Surabhi Songirkar	Electrical
24	4021111	Sahil Jagtap	Electrical
24	4021130	Punit Revannavar	Electrical
20	4021134	Vinayak Bharat Salunkhe	Electrical
18	4021101	ATHARVA BAGADE	Electrical
19	4021110	Vinit Jadhav	Electrical
19	4021113	Ritika kamble	Electrical
22	4021122	SHREYASH MAYEKAR	Electrical
16	4021143	Ayman Ashfaq Thakur	Electrical
17	4021104	Cyril William	Electrical
21	4021125	Shreshtha Pandey	Electrical
19	4021117	Rohit kumbhar	Electrical
20	4021144	Soham	Electrical
23	4021145	Sarthak Varma	Electrical
24	4021107	deepanshu	Electrical
18	4021139	Paramveer Singh	Electrical
18	4021128	Siddhi Pedamkar	Electrical
19	4021106	swayash gaikwad	Electrical
19	4021126	Shivam pariya	Electrical
24	4020132	Mayuri patil	Electrical
24	4021129	Om Prabhu	Electrical
24	4021121	Rohit Mandve	Electrical
17	4021123	Vaibhavi mhatre	Electrical



(Abhishek s.)



Placement test -16/7/2022 TE-2 B C

Name	Roll Number	Semester
Barwaniwala Huzefa	4020163	Sem-V
Jayesh Oturkar	4020154	Sem-V
Dethe Anish P	4020162	Sem-V
Sairaj Yadav	4020157	Sem-V
Yash Walnuskar	4020151	Sem-V
SUSHANT KEDARI	4020113	Sem-V
Baljot Kaur DS	4020170	Sem-V
YOGESH HAREL	4020110	Sem-V
Vipul Gharat	4020153	Sem-V
Kashid Anand S	4020161	Sem-V
ROHAN MILIND MORYE	4020123	Sem-V
Avishkar Kamble	4020158	Sem-V
PATIL PIYUSH RAJARAM	4019135	Sem-VII
Meghraj Dhumal	4020156	Sem-V
Gadekar SanketM	4020159	Sem-V
VARTAK CHINMAY ATUL	4019152	Sem-VII
JADHAV AYUSH VISHWA	4019113	Sem-VII
zagade sahil	4019157	Sem-VII
CHAUDHARI AKASH PRAI	4019106	Sem-VII
PIYUSH KUMAR	401914	Sem-VII
suryawanshi vaishnavi	4019159	Sem-VII
Deshnukh Siddhesh	402016	Sem-V
Gajare Trupti S	4020165	Sem-V
MAHARAO NAGESH SHIV	401912	Sem-VII
Gaikwad Saurabh	4020166	Sem-V
SURVASE HARSH DHANR	4019148	Sem-VII
PATIL SHRUTIJ HARISHCH	4019136	Sem-VII
surve anushka	4019162	Sem-VII
WANI HRITHIK	4019153	Sem-VII
SHUBHAM PAWAR	4020133	Sem-V
ANTO SEN	4019102	Sem-VII
MALIK ANUSH KRISHAN	4019125	Sem-VII
MAURYA RITESH INDRES	4019126	Sem-VII
PRADHAN KEDAR VIRENI	4019141	Sem-VII
PIYUSH KHAIRE	4020114	Sem-V
Dhanashri Talele	4020150	Sem-V
Prathamesh C Jaitpal	4019171	Sem-VII
Hitesh V Mahajan	4019169	Sem-VII
PACHPUND VEDANT VIT	4019130	Sem-VII
Siddharth Surve	4020152	Sem-V
KUCHEKAR SUSHANT SAI	4019120	Sem-VII
Gauri R Wadkar	4019166	Sem-VII
PATIL KOMAL DEVANANI	4019134	Sem-VII
PHAPALE VIRAJ VIKAS	4019139	Sem-VII
VINAYAK BHUJAWADKAR	4020102	Sem-V
Khetle Sushant	4020168	Sem-V
BERDE SMIT SITARAM	4019104	Sem-VII
MHATRE RISHABH RAJA	4019128	Sem-VII
CHETAN CHANCHAL UMI	4020145	Sem-V

PANDIT SHELAR TEJAS	4019132	Sem-VII
SHUBHAM KUSHWAHA	4020116	Sem-V
TONAPI PRANAV GURUR	4019151	Sem-VII
Vishe Sagar S	4020160	Sem-V
HIMANSHU PATIL	4020130	Sem-V
SHRUTI CHAKRABORTY	4020103	Sem-V
TANPATHAK SOHAM KISI	4019150	Sem-VII
mujahid mohammed	4019156	Sem-VII
YADAV NIVEDITA N	4019154	Sem-VII
PRATIM PRAKASH PARAI	4020128	Sem-V
NAIR SRUTHI VENU	4019129	Sem-VII
mishra harshal	4019161	Sem-VII
PEDNEKAR TANMAY BAB	4019138	Sem-VII
SHARMA SHIVANI	401914	Sem-VII
GANESH MASKE	4020120	Sem-V
Jadhav Ganesh R	4020167	Sem-V
TAJANE VEDANT SUDHIR	4019149	Sem-VII
KAMBLE SAISH	4019117	Sem-VII
GUPTA RITIK KUMAR RAI	4019111	Sem-VII
SINGH VIDHANSH	4019147	Sem-VII
SWARADA MHATRE	4020121	Sem-V
KAMBLE SURAJ BABAN	4019118	Sem-VII
RAJPUT VRUKSHAL	4019142	Sem-VII
SHREEYOG SHINDE	4020142	Sem-V
HARSH MHATRE	4020122	Sem-V
NIVEDITA PRASAD	4020135	Sem-V
MOIZ SAYYED	4020138	Sem-V
SAURABH KADUSKAR	4020111	Sem-V
KANNAUJIYA VIVEK RAJE	4019119	Sem-VII
PRATHAMESH PALANDE	4020126	Sem-V
ANSHUMAN SINGH	4020144	Sem-V
NOEL COSMAS RODRIGU	4020137	Sem-V
Abhishek Shiwalkar	4020101	Sem-V
Abhishek Shiwalkar	4020136	Sem-V
Abhishek Shiwalkar	4020171	Sem-V
Abhishek Shiwalkar	4020117	Sem-V
Abhishek Shiwalkar	4020119	Sem-V
Abhishek Shiwalkar	4020127	Sem-V
Abhishek Shiwalkar	4020139	Sem-V

  
(Abhishek S.)



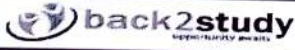


# Agnel Charities Fr. C. Rodrigues Institute of Technology Vashi, Navi-Mumbai

## Brief Activity/Event Report

Name of the Department/ Institute level Committee: **Electrical Engineering**

1. Name of the Activity/Event : Seminar on Higher studies by back2study
2. Activity/Event Venue & Date : 22/9/2022, AX 207 Fr.CRIT Vashi
3. Nature of Participants : All final year students of Electrical Engineering.
4. Number of Participants : 33
5. Student Coordinator : Sahil Zagade
6. Staff Coordinator : Abhishek Shiwalkar
7. Resource person : Sakina Kuwawala
8. Brief Summary of the Activity/Event :
  - a. Objectives : To enlighten students regarding higher studies in different countries abroad
  - b. Technical Description : The webinar highlighted the benefits and steps to studying abroad in countries like Canada, UK, USA and Australia. Entrance tests & application process and scholarship opportunities in above mentioned countries also covered during seminar.
  - c. Activity / Event Photograph :



**Organised by:**  
Career Guidance & Placement Cell,  
Fr. C. Rodrigues Institute of Technology, Navi Mumbai

**Our Services**


- Free Counselling for UK, Canada, USA and Australia
- University Applications, Scholarships and Visa Application
- For UK: Post enrollment support and assured part-time job opportunities, invite to cultural & networking events

**SEMINAR TOPIC :**  
**Study Abroad**

**September 22, 2022**  
**Thursday | 3:30 PM**  
**Explore:**

- Why study abroad?
- Study Abroad Destinations
- Job Market and Opportunities Post Covid!

**Registration Link:**  
Study Abroad Seminar with Fr. C. Rodrigues Institute of Technology



**With Sakina Kuwawala**

- Educationist
- Expert Career Counselor
- Assisting students for their study abroad since 2016
- Psychologist

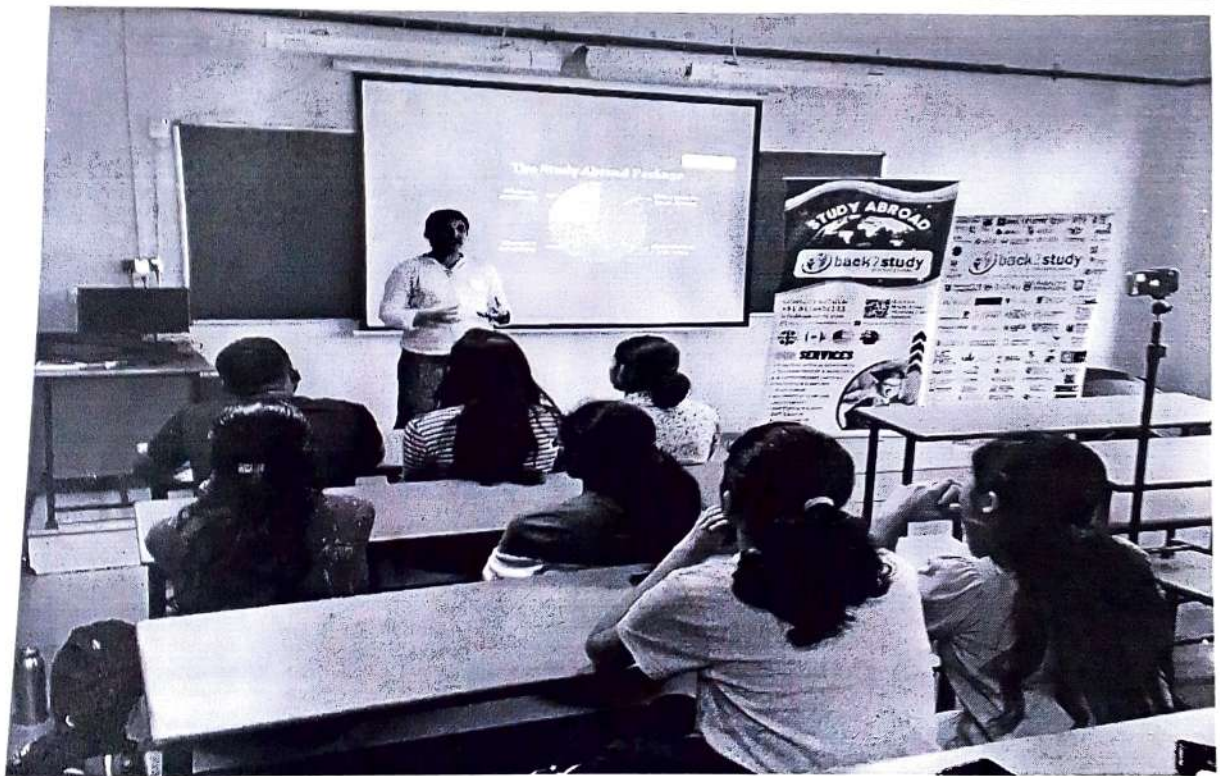
**Contact Details:**  
+91 7700917891  
info@back2study.com

**Website:**  
www.back2study.com  
**Instagram:**  
@back2studyoverseas





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



Abhishek Shiwalkar  
Staff Coordinator

Dr. Bindu S  
HOD



# Map Your STUDY ABROAD!

## About Back2study

Back2study is a team of highly experienced individuals with a combined experience of over 40 years in the field of student support and recruitment of International students.

Our team has a unique approach unparalleled to any other - we take responsibility not only for students' course-university selection & visa process; but also their smooth arrival to the student destination, help them settle in and try to provide support throughout their stay abroad.

***Our team has helped more than 10,000 students to achieve their dream careers!***

*"The team of Back2Study has truly been amazing. They are really helpful and kept updating me time to time about everything that had to be done. Thank you, Back2study."*

**- Siddhi Visaria  
Queen Mary University**



## Meet Our Founder - Parin Shah

- Based in London - Helping International Students since 2008
- Mentor at Indian National Students Associations (INSA-UK)



## Services We Offer:

- Free Counselling - UK, USA, Canada & Australia
- University Applications + securing admissions in the best universities.
- Access to best scholarship opportunities
- Visa Applications.

*"They really helped me with all the processes including the visa process, finances, and everything else. They have great services for students who want to achieve their dreams."*

**- Deepika Savla  
Newcastle University**



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(UK Head Office)**

1, Hanger Green, Park Royal,  
London, United Kingdom W5 3EL

**Mumbai - Chembur  
(India Head Office)**

5th Floor, The Bureau, Above SBI Bank,  
Chembur Naka, Mumbai, India - 400071



2023  
1 year  
long



Fr. C. Rodrigues Institute of Technology  
(Approved by AICTE & Affiliated to University of Mumbai)  
(All UG Programs are NBA accredited & Institute is NAAC accredited)

Date: 22/9/2022

To,  
Sakina Kuwaawala  
Senior Career Counsellor  
And Psychologist,  
The Bureau, 5<sup>th</sup> Floor,  
Chembur, Mumbai-400071

Subject: Appreciation Letter

Dear Madam,

On behalf of the Department of Electrical Engineering, we thank you for sharing your deep knowledge and experience on a topic "**Dream study destinations**" with our final year students. The entire session was knowledgeable, informative and interesting.

We appreciate the time you took out from your busy schedule to deliver the lecture and are looking forward for more such interactions in future.

*Bindu S.*

Dr. Bindu S.

Professor and Head

Department of Electrical Engineering

Fr. C. Rodrigues Institute of Technology, Vashi



*Amis*  
Received.





Sr. #	Batch 1	Roll #	Sign	Sr. #	Batch 3	Roll #	Sign
1	ANAND UNNIKRISHNAN	4019101	<i>[Signature]</i>	39	PIYUSH KUMAR	4019140	
2	ANTO SEN	4019102		40	PRADHAN KEDAR VIRENDRA	4019141	
3	ASTITVA ANANT	4019103	<i>[Signature]</i>	41	RAJPUT VRUKSHAL	4019142	
4	BERDE SMIT SITARAM	4019104	<i>[Signature]</i>	42	RANGARI GAURAV JAYWANT	4019143	
5	CHALKE SAISH PRAKASH	4019105		43	SHARMA SHIVANI	4019145	
6	CHAUDHARI AKASH PRAKASH	4019106	<i>[Signature]</i>	44	SHIRGAONKAR ASHWIN PRA	4019146	
7	DESHMUKH SANSKRUTI R	4019107	<i>[Signature]</i>	45	SINGH VIDHANSH	4019147	
8	AHMED UZAIR	4019109	<i>[Signature]</i>	46	SURVASE HARSH DHANRAJ	4019148	
9	ENLOLU SHREEDHAR KRISH	4019110	<i>[Signature]</i>	47	TAJANE VEDANT SUDHIR	4019149	
10	GUPTA RITIK KUMAR RAMA	4019111		48	TANPATHAK SOHAM KISHOR	4019150	
11	INGALE HARSHAL NITIN	4019112		49	TONAPI PRANAV GURURAJ	4019151	
12	JADHAV AYUSH VISHWAS	4019113		50	VARTAK CHINMAY ATUL	4019152	
13	JHA RETAK	4019114	<i>[Signature]</i>	51	WANI HRITHIK	4019153	
14	JOHNY GEORGE JOSEPH	4019115	<i>[Signature]</i>	52	YADAV NIVEDITA N	4019154	
15	KADAM SANKET SHAMRAO	4019116	<i>[Signature]</i>	53	MUJAHID MOHAMMED UMA	4019156	
16	KAMBLE SAISH	4019117		54	ZAGADE SAHIL BAPU	4019157	
17	KAMBLE SURAJ BABAN	4019118		55	KAUSHAL ARADHANA MUK	4019158	
18	KANNAUJIYA VIVEK RAJESH	4019119		56	SURYAWANSHI VAISHNAV	4019159	
19	KUCHEKAR SUSHANT SANJA	4019120	<i>[Signature]</i>				
	Batch 2				Batch 4		
20	KULKARNI ARCHIT AJIT	4019121	<i>[Signature]</i>	57	VYAS DIVYA PRASHANT	4019160	<i>[Signature]</i>
21	LAHANE SONALI KAILAS	4019122	<i>[Signature]</i>	58	MISHRA HARSHAL RAKESH	4019161	<i>[Signature]</i>
22	LONDHE TANUSHREE DAF	4019123	<i>[Signature]</i>	59	SURVE ANUSHKA ANIL	4019162	
23	MAHARAO NAGESH SHIVAR	4019124	<i>[Signature]</i>	60	CHAVAN POOJA RAMDAS	4019163	
24	MALIK ANUSH KRISHAN KUM	4019125		61	GHADGE SAKSHI SUNIL	4019164	
25	MAURYA RITESH INDRESH	4019126		62	KARTIKRAJ EASWARAN	4019165	
26	MAYEKAR SHRUTI SHRIKA	4019127	<i>[Signature]</i>	63	WADKAR GAURI RAMESH	4019166	
27	MHATRE RISHABH RAJAN	4019128		64	KARELIYA DHARAA DHARA	4019167	
28	NAIR SRUTHI VENU	4019129	<i>[Signature]</i>	65	TEJAS PARSHURAM KUBAL	4019168	
29	PACHPUND VEDANT VITTHA	4019130	<i>[Signature]</i>	66	MAHAJAN HITESH VIDYADH	4019169	
30	PANCHAL PAWAN NIVRUTTI	4019131	<i>[Signature]</i>	67	PANDEY ABHISHEK VIJAY	4019170	<i>[Signature]</i>
31	SHELAR TEJAS PANDIT	4019132	<i>[Signature]</i>	68	JAIPAL PRATHAMESH CHA	4019171	
32	PASALKAR ATHARVA SANTO	4019133	<i>[Signature]</i>	69	AAYUSH KUMAR	401801	<i>[Signature]</i>
33	PATIL KOMAL DEVANAND	4019134	<i>[Signature]</i>	70	NADAR ANNIE	401839	
34	PATIL PIYUSH RAJARAM	4019135	<i>[Signature]</i>	71	NAIR ABHISHEK	401841	
35	PATIL SHRUTI HARISHCHA	4019136	<i>[Signature]</i>	72	SINGH ABHIJEET	401856	<i>[Signature]</i>
36	PAWAR CHINMAY DILIP	4019137	<i>[Signature]</i>	73	WILSON ARNOLD	401863	<i>[Signature]</i>
37	PEDNEKAR TANMAY BABU	4019138	<i>[Signature]</i>	74	NISHANT MISHRA	401731	
38	PHAPALE VIRAJ VIKAS	4019139	<i>[Signature]</i>		Staff Name & Sign:		



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

**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee: Electrical Engineering**

1. **Name of the Activity/Event** : Mock interview for Selec Control Ltd
2. **Activity/Event Venue & Date** : Conducted on 20<sup>th</sup> August 2022 at FCRIT Vashi
3. **Nature of Participants** : Final year students of Electrical Engineering those are shortlisted by company for technical interview.
4. **Number of participants** : 22
5. **Student Coordinator** : Sahil Zagade
6. **Staff Coordinator** : Abhishek Shiwalkar
7. **Brief Summary of the Activity/Event** :
  - a. **Objective** : To train students for campus placement
  - b. **Technical Description** : Mock Interview conducted by,
    - 1- **Dr. Mahendra Rane**  
Sonali Kailas Lahane  
Astitva Anant  
Ritesh Maurya  
Anand Unnikrishnan  
Piyush rajaram patil  
Vedant Sudhir Tajane
    - 2- **Dr. Mini Rajeev**  
Hitesh Vidyadhar Mahajan  
Harshal Nitin Ingale  
Smit Sitaram Berde  
Sakshi Sunil Ghadge  
Divya Prashant Vyas  
Shivani Sharma
    - 3- **Dr. Sushil Thale**  
Rishabh Mhatre  
Shreedhar K Enlolu





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

---

Soham Tanpathak

Harsh Dhanraj Survase

Abhishek Pandey

4- **Mr. Abhishek Shiwalkar**

Kartikraj Easwaran

Dharaa Kareliya

Harshal Rakesh Mishra

Anushka Anil Surve

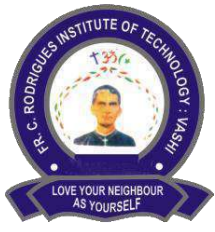
Atharva Pasalkar

c. **Outcome** : From above mentioned students following students are selected

- Harshal Rakesh Mishra
- Atharva Pasalkar
- Harsh Dhanraj Survase
- Shivani Sharma
- Anand Unnikrishnan

**Abhishek Shiwalkar**  
Staff Coordinator

**Dr. Bindu S**  
HOD

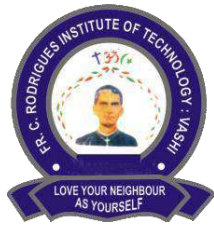


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**FH 2022**





# *Agnel Charities*

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

### *Vashi, Navi-Mumbai*

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

**Name of the Department/ Institute level Committee: IEI student chapter**

- 1. Name of the Activity/Event :** Technical Webinar- “**LATEX COURSE** ”
- 2. Activity/Event Venue & Date :** Google Meet, 4<sup>th</sup> March, 25<sup>th</sup> March.
- 3. Nature of Participants :** **Students of Electrical Department**
- 4. Number of Participants :** 67
- 5. Student Coordinators :** **IEI council**
- 6. Staff Coordinator :** Mrs. Divya Sajeesh
- 7. Brief Summary of the Activity/Event (in maximum 500 words):**

**Objectives :**

1. To develop basic skills required to use latex.
2. To develop extremely good control over the formatting of documents.

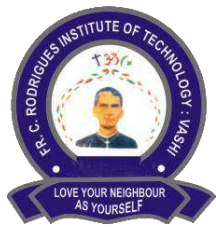
- a. Technical Description :** Following whatsapp message was circulated among the students to inform them about the webinar



- a. Outcomes :** Students were able learn the basics of latex
- : Coordinators were able develop their skill to organise the event

  
Staff Coordinator

  
HOD



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

**b. Summary of Feedback :**

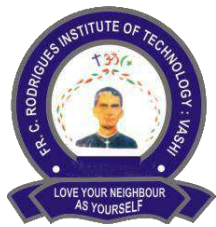
Sr.No	Questions					
1	How useful was the session for developing knowledge in the area of magnetics?	Extremely useful <b>48%</b>	Somewhat useful <b>48%</b>	Neutral <b>3.7%</b>	Somewhat not useful --	Extremely not useful --
2	Whether the session was beneficial for problem solving skills in the simulation of circuit?	Yes <b>100%</b>		No --		
3	How do you rate the webinar?	5 <b>37%</b>	4 <b>48%</b>	3 <b>15%</b>	2 --	1 --

**c. Action to be Taken based on Feedback: More such courses has to be conducted.**

  
Staff Coordinator

  
HOD





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

**8. Activity / Event Photograph :**



**Glimpse of the webinar**

*Pragya*

Staff Coordinator

*Bindus*

HOD



# *Fr. C. Rodrigues Institute of Technology*

## **Department of Electrical Engineering**

Sector - 9A, Vashi, Navi Mumbai – 400 703, INDIA.

Telephone: 022-2777 1000, 2766 1924, 2766 0618. Fax: 2766 0619

Website: [www.fcrit.ac.in](http://www.fcrit.ac.in)

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

1. **Name of the Activity/Event** : online “Emotional Intelligence workshop” in collaboration with IITB, Abhyuday
2. **Activity/Event Venue & Date** : Online / 22<sup>nd</sup> January 2022
3. **Nature of Participants** : Students of sem 4 and 6
4. **Number of Participants** : 89
5. **Student Coordinator** : Harshal Mishra
6. **Staff Coordinator** : Mrs. Harshada Bhosale
7. **Brief Summary of the Activity/Event (in maximum 500 words):**

**a. Objectives :**

1. To collaborate with reputed institutes to arrange workshops on topics having social significance.

**b. Technical Description :**

Online event was arranged in collaboration with IITB, Abhyuday on 22<sup>nd</sup> January 2022 on the topic “Emotional Intelligence”. The speaker Dr. Era Dutta, Consultant Psychiatrist, Therapist, Life wellness coach, Founder - Mind Wellness conducted the session. It was a interactive session wherein she discussed about Emotional well-being. Factors affecting our emotional health like fear, anxiety, depression etc. and how to overcome these.

**c. Outcomes :**

1. Students were able to understand importance of emotional health and how it can help in realising good mental health.

**8. Activity / Event Photograph :**

**Shruti Mayekar**

EESA chairperson

**Mrs. Harshada Bhosale**

Staff Coordinator

**Dr. Bindu S.**

HOD





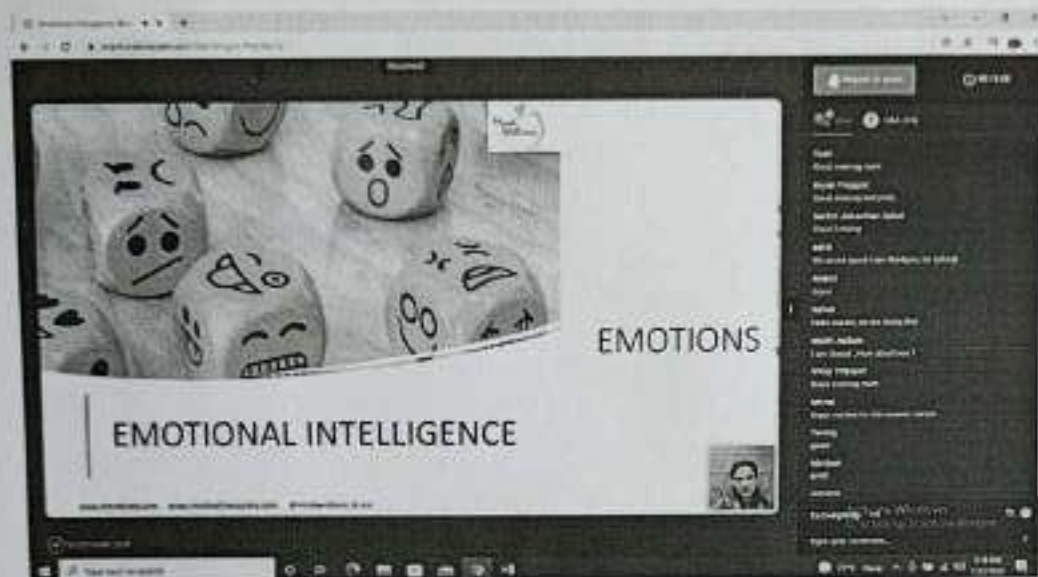
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*Shruti*

Shruti Mayekar

EESA chairperson

*Harshada*

Mrs. Harshada Bhosale

Staff Coordinator

*Bindu S.*

Dr. Bindu S.

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### Brief Activity/Event Report

1. Name of the Activity/Event : Spoken Tutorial on MS EXCEL
2. Activity/Event Venue & Date : Google classroom , Jan to April 2022
3. Nature of Participants : Students of Sem 4
4. Number of Participants : 37
5. Student Coordinator : Annie Nadar
6. Staff Coordinator : Mrs. Harshada Bhosale
7. Brief Summary of the Activity/Event (in maximum 500 words):

a. Objectives : Learn and practice MS Excel as a software tool

b. Technical Description :

A spoken tutorial on MS Excel was conducted for sem 4 students from Jan to April 2022. Videos prepared by previous EESA council members was shared in the Google classroom. The videos included topics explaining use of Excel sheets and different features of MS Excel that can be used by Engineers. The participants had to go through the different videos and submit assignment based on it in order to earn a certificate.

c. Outcomes :

1. Students will have exposure to better understanding of MS Excel.
2. Students will be able to use MS Excel and its different features as a office tool.

d. Summary of Feedback : No. of Students - 37

Sr.No.	Questions	5	4	3	2	1
1	How would you rate the contents covered related to EXCEL in the videos? ( 1- minimum and 5 - maximum)	18	14	5	-	-
2	How would you rate your ability to use the different features of EXCEL? ( 1 - minimum , 5- maximum )	18	14	5	-	-

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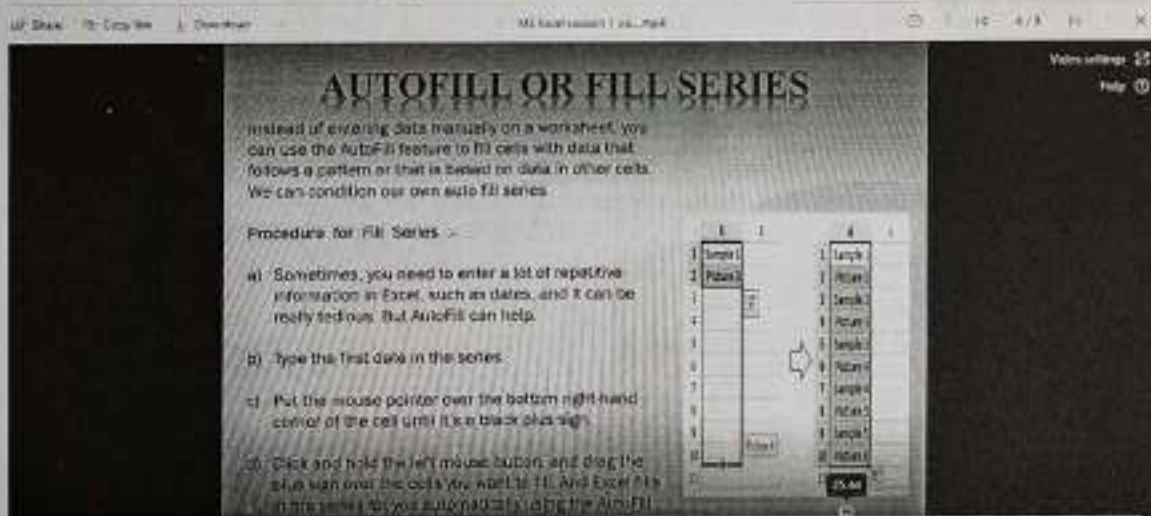
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3	How would you rate the assignments given for practice of EXCEL? (1 - minimum , 5- maximum )	24	10	3	-	-
4	How would you rate the EXCEL workshop as a tool for helping in professional growth? (1 - minimum , 5- maximum )	23	12	2	-	-
	Average rating	20.75	12.5	3.75	-	-

c. Action to be Taken based on Feedback: Nil

### 8. Activity / Event Photograph :



Session 1 video screen shot

Shruti Mayekar

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**TOTAL SALES AND ALLOWANCES**

Total Sales	Allowances
RM50,000.00	RM5,000.00
RM30,000.00	RM3,000.00
RM10,000.00	RM1,000.00
RM60,000.00	RM6,000.00
RM55,000.00	RM5,500.00
RM20,000.00	RM2,000.00
RM25,000.00	RM2,500.00

**Questions**

Questions	Answer
1) Total Allowances for Total Sales over RM 50,000	8316,000.00
2) Total of Total Sales over RM 45,000	=SUMIF(A:A,11,">45000")

The question asked for total of total sales over RM 45,000. Therefore, highlight the total sales and follow the formula as shown.

Session 2 video screen shot

Video player interface showing a spreadsheet with columns: Emp ID, First Name, Last Name, Email, Phone, and Job. The spreadsheet lists employees like David, Scott, Lewis, etc.

Session 3 video screen shot

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Shruti Mayekar

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

1. **Name of the Activity/Event** : Science day celebration 28<sup>th</sup> Feb
2. **Activity/Event Venue & Date** : 5<sup>th</sup> March 2022
3. **Nature of Participants** : Students of sem 4 and 6
4. **Number of Participants** : 5
5. **Student Coordinator** : Anand Unnikrishnan
6. **Staff Coordinator** : Mrs. Harshada Bhosale
7. **Brief Summary of the Activity/Event (in maximum 500 words):**
  - a. **Objectives** :
    - 1) To familiarise with significant inventions in the field of Science & Technology that proved to be milestones
    - 2) To enhance event organising skills of council members
  - b. **Technical Description** :

A competition was arranged to celebrate the National Science day (28<sup>th</sup> Feb). Participants had to research on significant inventions in the field of Science & Technology that proved to be milestones and present. The competition was conducted on 5<sup>th</sup> March 2022 and judged by Jalaja M. Nair, retired Electrical Engineer.
  - c. **Outcomes** :
    - 1) Students were able to familiarise with important inventions in the field of Science & Technology that proved to be milestones in the development.
8. **Activity / Event Photograph** :

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EESA chairperson

**Mrs. Harshada Bhosale**

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Shruti Mayekar is presenting

## FOSSIL FUEL

- The theory of fossil fuel was introduced by Andreas Libavius in 1597.
- It was in the 1880s when coal was first used to generate electricity for homes and factories.
- By 1950, petroleum becomes the most used fuel in the U.S.



6:20 PM | National Science Day Competition

Utsav Jagtap is presenting



6:35 PM | National Science Day Competition

National Science day celebration

*Shruti*

Shruti Mayekar

EESA chairperson

*M. Harshada*

Mrs. Harshada Bhosale

Staff Coordinator

*Bindu S.*

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### Brief Activity/Event Report

1. Name of the Activity/Event : Online TECHFEST 2022
2. Activity/Event Venue & Date : Online / 12<sup>th</sup> February 2022
3. Nature of Participants : Students of sem 4 and 6
4. Number of Participants : 13
5. Student Coordinator : EESA council
6. Staff Coordinator : Mrs. Harshada Bhosale
7. Brief Summary of the Activity/Event (in maximum 500 words):

a. Objectives :

1. To develop extra-curricular skills of students
2. To enhance technical knowledge by conducting quiz etc.
3. To help in developing event organising skills of council members

b. Technical Description :

Events were conducted on online platform like technical Quiz, Scribble and UNO.

c. Outcomes :

1. Students were able to improve their technical knowledge through Quiz
2. Students were able to develop extracurricular skills through activities like Scribble and UNO.

d. Summary of Feedback : No. of Students - 13

Sr.No.	Questions	5	4	3	2	1
1	How would you overall rate this event?(1-minimum , 5-maximum)	11	2	-	-	-
2	How would you rate the organization of the event? (1-minimum , 5-maximum)	12	1	-	-	-
3	How would you rate the events selected for the techfest? (1-minimum , 5-maximum)	12	1	-	-	-

Shruti Mayekar

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### Brief Activity/Event Report

1. **Name of the Activity/Event** : Online session on "Know your Library"
2. **Activity/Event Venue & Date** : Online Teams/ 14<sup>th</sup> January 2022
3. **Nature of Participants** : Students of sem 4,6 and 8
4. **Number of Participants** : 71
5. **Student Coordinator** : Siddharth Vanjari EESA council member
6. **Staff Coordinator** : Mrs. Harshada Bhosale
7. **Brief Summary of the Activity/Event (in maximum 500 words):**

a. **Objectives** : Increase awareness about library resources

b. **Technical Description** :

An online session in Teams on "Know your Library" was arranged on 14<sup>th</sup> January 2022. The session was conducted by Mrs. Kalpana Hire, Librarian, and FCRIT. She told students about different resources in library other than the books. Other facilities in the library which students can make use for their mini project work etc.. Remote access to the online

c. **Outcomes** :

1. Awareness about access to library resources.

d. Platform for interaction among teachers and students

e. **Summary of Feedback** : No. of Students - 71

Sr.No.	Questions	5	4	3	2	1
1	How would you rate the session in terms of contents covered on the Topic? (1 - minimum, 5- maximum)	52	15	2	2	-
2	How would you rate the speaker in terms of delivery of session and topics covered?	53	14	3	1	-
3	How would you rate the orientation program in terms of getting knowledge about your	52	15	2	2	-

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library resources? (1 - minimum, 5- maximum)					
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f. Action to be Taken based on Feedback: Nil

8. Activity / Event Photograph :



*Shruti*

Shruti Mayekar

EESA chairperson

*Harshada*

Mrs. Harshada Bhosale

Staff Coordinator

*Bindu*

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### Brief Activity/Event Report

1. Name of the Activity/Event : "Indoor Content Creation Event"
1. Activity/Event Venue & Date : 29/3/2022
2. Nature of Participants : Students of sem 4,6
3. Number of Participants : 12
4. Student Coordinator : Purva Dubal and Shruti C.
5. Staff Coordinator : Mrs. Harshada Bhosale
6. Brief Summary of the Activity/Event (in maximum 500 words):
  - a. Objectives :
    1. To bring out the creative side of students
    2. To develop event management skills of council students
  - b. Technical Description :

A short video making competition was arranged for Electrical students of maximum 10 min duration. Students had to make a short video on a theme like social, entertainment or School days and send by 29<sup>th</sup> March 2022. Three best videos were selected from those submitted.
  - c. Outcomes :
    1. Participating students got a platform to display their creative side
    2. Awareness among students about social causes increased
    3. EESA students could display their event management skills.
  - d. Summary of Feedback : NA
  - e. Action to be Taken based on Feedback: NA
  - f. Prize winners :
    - 1<sup>st</sup> prize - AKASH METHA (401875) SEM 8
    - 2<sup>nd</sup> prize - KARTIKRAJ EASWARAN (4019165) SEM 6
    - 3<sup>rd</sup> prize - NISHANT MISHRA (401732) SEM 6

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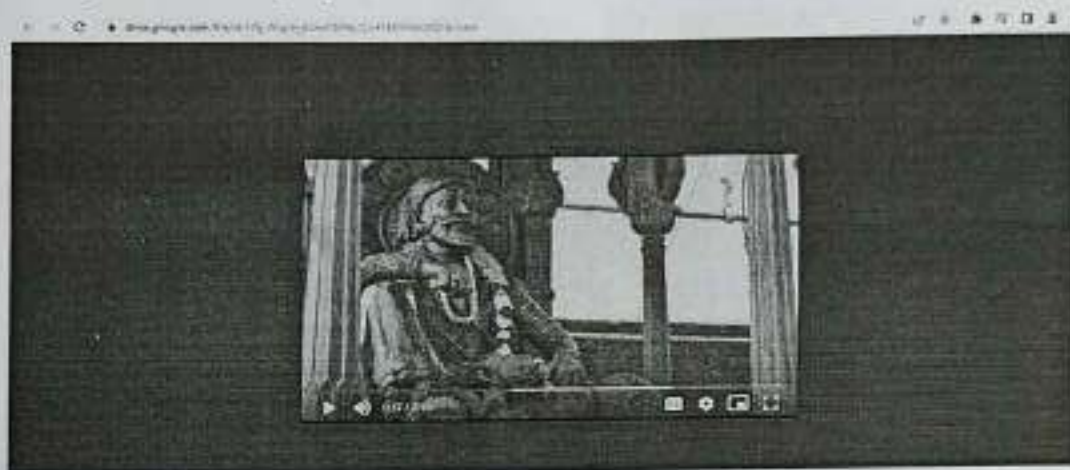
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## 7. Activity / Event Photograph :



Video 1 - Trip to Raigad



Video 2 - Heart of Mumbaikars - Local trains

*Shruti Mayekar*

Shruti Mayekar

EESA chairperson

*Mrs. Harshada Bhosale*

Mrs. Harshada Bhosale

Staff Coordinator

*Dr. Bindu S.*

Dr. Bindu S.

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*Vashi, Navi-Mumbai*

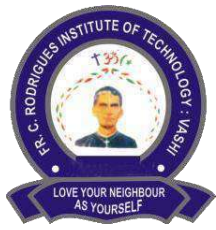
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**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee:** IEEE FCRIT Studentchapter

1. **Name of the Activity/Event** : Advance Machine Learning for EV Battery State of Charge and Lifetime Estimation.
2. **Activity/Event Venue & Date** : Google Meet, 7<sup>th</sup> Jan 2022
3. **Nature of Participants** : Students and faculty of Engineering
4. **Number of Participants** :95
5. **Student Coordinator** : Ms. Divya Prashant Vyas
6. **Staff Coordinator** : Dr. Mini Rajeev
7. **Brief Summary of the Activity/Event (in maximum 500 words):**
  - a. **Objectives** : To arrange a session on a technical topic which will be beneficial to all the streams. Thus arranged a webinar on 'Advanced machine learning on EV battery state of charge and lifetime estimation'.
  - b. **Technical Description:** The event 'Advanced machine learning on EV battery state of charge and lifetime estimation' was organized on 7<sup>th</sup> January 2022 at 7:30 pm. The speaker for the event was ' Dr. Sheldon Williamson'. After the saraswati vandana and lighting lamp ceremony, speaker, teachers and all the students were welcomed by the committee. The event was thus begun, the speaker of the event Dr. Sheldon Williamson then took an enlightening and informative session for all the attendees. After the session ended it was concluded by one of the members of IEEE committee and the event was thus ended.
  - c. **Outcomes:** The event was successfully conducted. The event proved helpful to so many attendees for gaining knowledge about the topic. The event benefited few Phd students for their study and also engineering students. Overall the experience was very informative and event was successfully conducted.





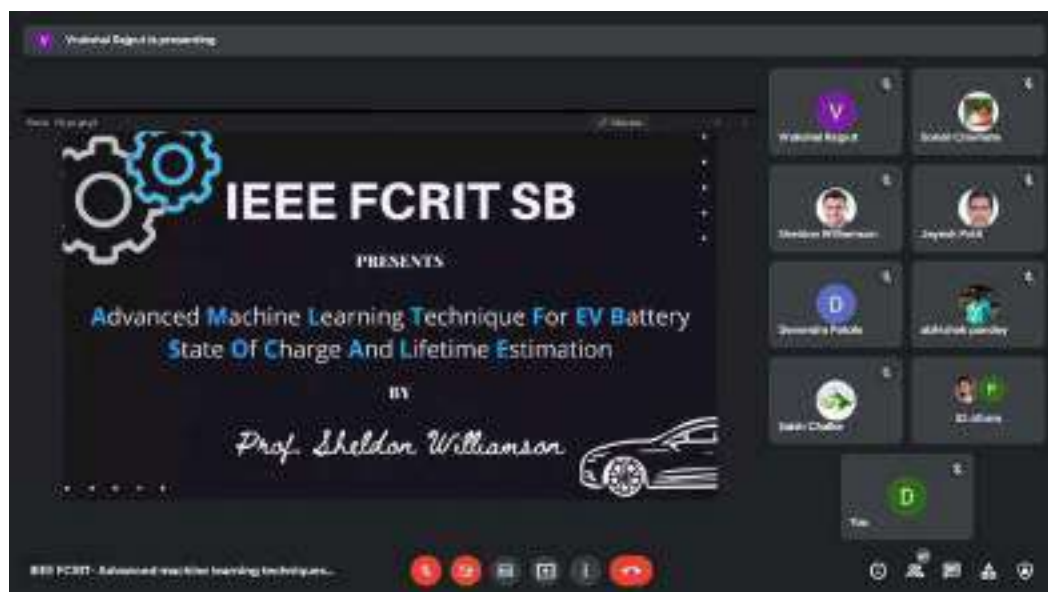
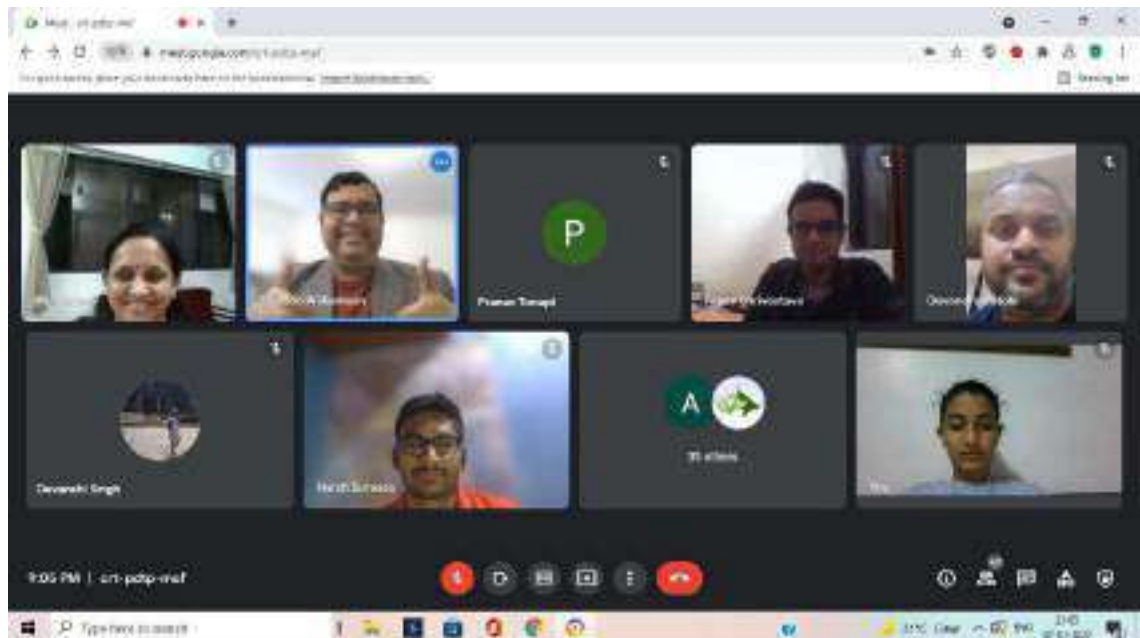
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- d. **Summary of Feedback:** More than 50% attendees liked the event very much, around 40% fairly liked the event. Around 70% attendees liked the organization of the event very much and had no complaints. Around 70% attendees found the speaker to be excellent in his delivery of the session.
- e. **Action to be Taken based on Feedback:** Council needs to arrange more such events based mainly on technical subjects. And also arrange more events beneficial to higher education students.

#### 8. Activity / Event Photograph :





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### *Vashi, Navi-Mumbai*

Sheldon Williamson is presenting

### Advanced Machine Learning Techniques for EV Battery State-of-Charge and Lifetime Estimation

**Sheldon S. Williamson, Fellow, IEEE**

NIERC Canada Research Chair  
Electric Energy Storage Systems for Transportation Electrification

Smart Transportation Electrification and Energy Research (STEER) Group  
Advanced Storage Systems and Electric Transportation (ASSET) Laboratory  
Department of Electrical, Computer, and Software Engineering  
Faculty of Engineering and Applied Science  
Ontario Tech University

2000 Victoria St. W., Oshawa, Ontario, L1G 0C3, Canada  
Email: sheldon.williamson@utoronto.ca  
URL: <http://www.nierc.ca/research/electrification/index.php>

Sheldon Williamson  
Mimi Rajan  
Harsh Saranya  
Vishal Rajput  
Sachin Chakraborty  
Jayesh Patel  
Snehal Chandra  
21 others

IEEE PCRIIT - Advanced machine learning techniques...

Sheldon Williamson is presenting

### Smart Transportation Electrification and Energy Research (STEER) Group

Tarlochan Sidhu   Vijay Sood   Waseem Ibrahim   Mohamed Yousof   Sheldon Williamson

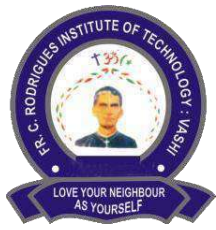
- 40+ engineering faculty involved in automotive/transportation electrification research.
- 80+ graduate research students.
- Over 50,000 sq. ft. of research lab space.
- 10 full-time lab technicians.



Sheldon Williamson  
Mimi Rajan  
Harsh Saranya  
Vishal Rajput  
Sachin Chakraborty  
Jayesh Patel  
Snehal Chandra  
25 others

IEEE PCRIIT - Advanced machine learning techniques...





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Student Coordinator

Faculty Incharge

HOD



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*Vashi, Navi-Mumbai*

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**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee:** IEEE FCRIT Student chapter

1. **Name of the Activity/Event** : Poster Presentation
2. **Activity/Event Venue & Date** : AX209, 10<sup>th</sup> March 2022
3. **Nature of Participants** : Students of Engineering
4. **Number of Participants** : 15
5. **Student Coordinator** : Ms Neha Mandelkar
6. **Staff Coordinator** : Dr. Mini Rajeev
7. **Brief Summary of the Activity/Event (In maximum 500 words):**
  - a. **Objectives:** The poster presentation which was in collaboration with student council which basically aims at showcasing a cause which conveys a technical theme individually or along with a team of maximum three members. The objective of the event was to provide an opportunity to the students to present their talent, creative, technical and presentation skills.
  - b. **Technical Description:** The event "Poster Presentation" was organized on 10th March 2022 at 11 am IST. The judges for the competition were- Mr. Joshua Michael from EXTC Department and Ms. Sharlene Rebelro from IT Department. The participants had the liberty of making their own templates for the posters. The competition started with the participants having a 10 mins of presentation time. The judges gave feedback to all the participants, as well as encouraged and congratulated them for their active participation.
  - c. **Outcomes:** The event was conducted for the students of FCRIT. The students were given a platform to present their technical ideas in a visually appealing and creative way. The participants were given a clear idea and fair judgement for their posters and presentation skills.
  - d. **Summary of Feedback:** All of the students approached the competition with enthusiasm and gave it their all. They also took all of the judge's feedback





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positively. The event was deemed informative and well-received, prompting them to participate in similar future events.

- e. **Action to be Taken based on Feedback:** We intend to hold more competitions like this in the future to give students a chance to display their skills, talents and ideas.

**8. Activity / Event Photograph :**





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Student Coordinator

**Neha Mandelkar.**

Faculty in charge

**Dr. Mini Rajeev**

HOD

**Dr. Bindu S**





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### Brief Activity/Event Report

1. **Name of the Activity/Event** : IOT workshop
2. **Activity/Event Venue & Date** : 7<sup>th</sup> March 2022 and 28<sup>th</sup> April 2022
3. **Nature of Participants** : Students of sem 4 and 6
4. **Number of Participants** : 23
5. **Student Coordinator** : EESA council
6. **Staff Coordinator** : Mrs. Harshada Bhosale
7. **Brief Summary of the Activity/Event (in maximum 500 words):**
  - a. **Objectives** : Learn basic concepts of IOT and demo of IOT projects to enable students to select and implement IOT based projects.
  - b. **Technical Description** :

A workshop was conducted to learn basic concepts of IOT and demo of IOT projects using both online platform and offline. The workshop apart from giving knowledge about IOT also exposed them to various IOT projects that students can undertake.
  - c. **Outcomes** :
    1. Increased knowledge about basic concepts of IOT and IOT based projects
  - d. **Summary of Feedback** : No. of Students - 23

Sr.No.	Questions	5	4	3	2	1
1	How would you overall rate this event? (1 - minimum , 5- maximum)	14	9	1	-	-
2	How would you rate the organization of the event? (1 - minimum , 5- maximum)	12	7	2	2	-
3	How would you rate your understanding about IoT after this workshop? (1- minimum , 5-maximum)	13	9	1	-	-
4	How confident you are to take any IoT related project after attending this workshop? (1 - minimum , 5- maximum)	12	8	3	-	-

**Shruti Mayekar**

EESA chairperson

**Mrs. Harshada Bhosale**

Staff Coordinator

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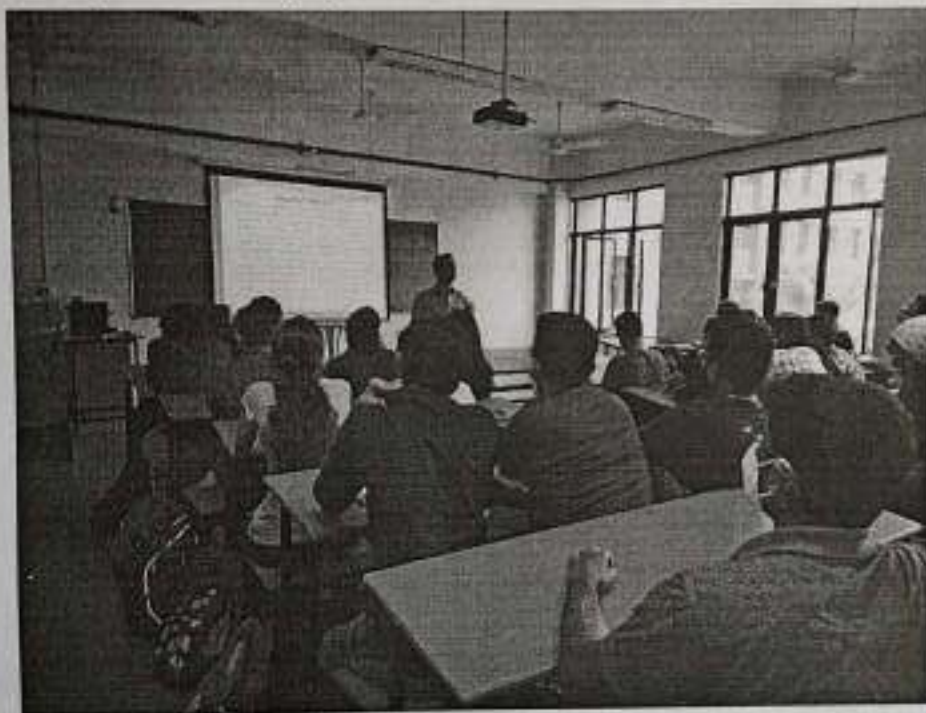
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5	How would you rate the workshop in terms of helping you in continuing professional development?	15	7	1	-	-
	Average rating	13.2	8	1.6	0.4	-

e. Action to be Taken based on Feedback: Nil

## 8. Activity / Event Photograph :



Offline on 6<sup>th</sup> March 2022

Shruti Mayekar

EESA chairperson

Mrs. Harshada Bhosale

Staff Coordinator

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**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee: Electrical Engineering**

1. **Name of the Activity/Event** : Offline lectures for Technimont Private Limited
2. **Activity/Event Venue & Date** : AX-211 ,3/2/2022
3. **Nature of Participants** : All BE students those have applied for Technimont Private Limited
4. **Staff Coordinator** : Abhishek Shiwalkar

**a. Brief Summary of the Activity/Event :**

Pandemic situation started from March 2020 and since that students were attending online lectures. Semester V, VI and VII students from final year class attended in online mode. So to clear students doubts for some important subjects of Electrical Engineering offline lectures were scheduled.

**Objectives :**

To train students for campus placement

**b. Technical Description :**

Four sessions were scheduled :

Time	Subject	Faculty	Number of students
9.30 to 11.00 am	Power Electronics	Dr.Sushil Thale	10
11.15 to 12.30 pm	Transformer	Dr. Bindu S.	13
2.30 to 3.30 pm	DC Machines	Prof. Rajendra Soni	15
3.30 to 5.00 pm	Power System	Dr. Mahendra Rane	12





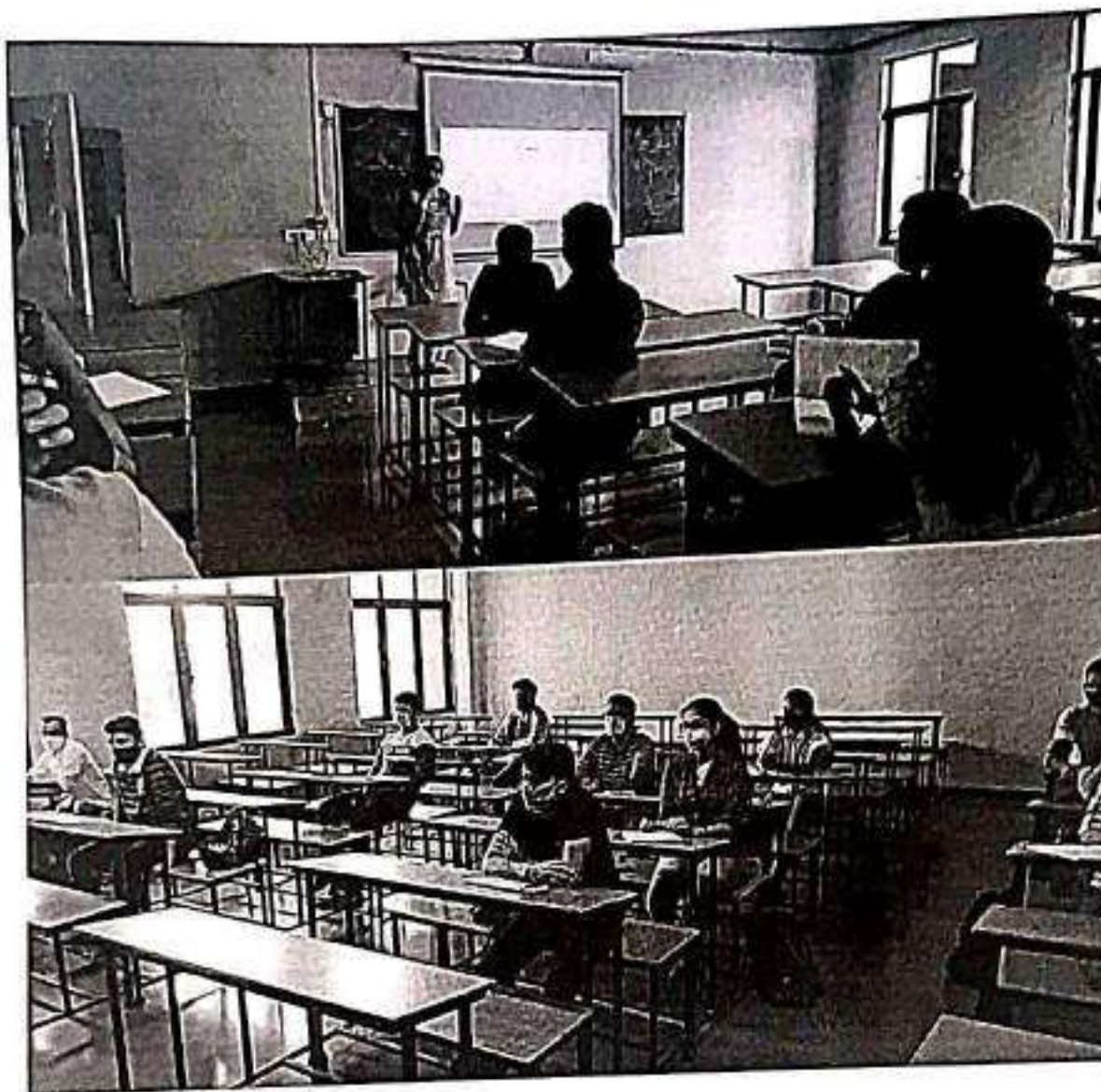
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*Vashi, Navi-Mumbai*

c. Outcome-

Two students got selected in Technimot Private Ltd

1- Akash Metha

2- Pranav Samant



*AS*  
5-2-2022

Abhishek Shiwalkar  
Staff Coordinator

*Bindu S*  
Dr. Bindu S  
HOD



# Lectures Scheduled for Technimont

Fr.C.RODRIGUES INSTITUTE OF TECHNOLOGY, Vashi - Electrical Engg. Dept. FH 2022 Sem: B  
 SUB: P-E (Sushil Sir) Date: 3/2/22 Time: 1:30pm LECT/ TUT/ PRACT

Sr. #		Batch 1	Roll #	Sign	Sr. #	Batch 3	Roll #	Sign
1	ADISTAN SELVARAJ	401802			37	PINTO DYLAN DOMING	401844	
2	ABUBAKKAR SIDDIQI	401803			38	QURESHI RAHEEL RYAZ	401845	
3	AGNEL AUSTIN SUDHAKAR	401804			39	R ANIKETHI	401846	<i>Wink</i>
4	AJNALEKAR AAKASH V.	401805			40	PAJPUT VEDANT UDAYSINGH	401847	
5	AMHLEKAR SHRADDHA PRAD	401806			41	REUBEN VARGHESE JOSE	401848	
6	ANTO GNANA NILESH	401807			42	SALVI RANJIT BHIMRAO	401849	
7	ANVEKAR SHIVAM SATISH	401808			43	SARKAR ANIRBAN	401850	
8	BAKSHI RISHAD	401809			44	SARNAIK SHREYAS	401851	
9	BHOLE PRATIK NILKANTH	401810			45	SARUK AVINASH MARUTI	401852	
10	CHAUDHARY HARSH KUMAR	401811	<i>Ch</i>		46	SHAIKH MOHAMMED OWAIS A	401853	
11	CHAVAN SHUBHAM	401812			47	SHINDE SHREYA	401854	<i>Shinde</i>
12	CRUZ DENZIL NICHOLAS	401813			48	SILVITA JOY	401855	
13	DEOKATE PRATIK ARUN	401816			49	SINGH BHANUPRATAP	401857	
14	LENNARD FELIX D'SOUZA	401817	L D		50	TAWTE UDAYRAJ DIGAMBER	401859	
15	GILBERT JAMES	401818			51	TILAL AMEYA SUSHIL	401860	<i>AT</i>
16	GOKUL NARAYANAN	401819			52	VASTAK JAYDEEP NARESH	401861	
17	GORULE SANKITA VISHWAN	401821			53	WANG GAURAV	401862	
18	JAINSWAL ADITYA	401822			54	VEDYASANT SUPRIYA	401864	
	Batch 2					Batch 4		
19	KADAM MOHIT SURENDRA	401823	<i>Mohit</i>		55	ZARIF MUHAMMAD SALEM	401866	
20	SARKAZI KHALILUDDIN RYAZ	401825			56	CHAUDHARY RASIKA BABAN	401867	
21	LAKHAPATI SHRIRAJ SHIVRA	401826			57	SAMEANT PRASAV ABHJIT	401868	<i>P. Sameant</i>
22	MAHAJAN KUNJAL MAHENDRA	401827			58	OZA SHIVAM RAJESH	401869	
23	DENNIS DAVIS MALPAN	401828			59	GUNTI SANJANA NARENDRA	401870	
24	MALPURE SHRUTI AVINASH	401829			60	KHEDEKAR AMOGH VAIBHAV	401871	
25	MARIA SNEHAL	401830			61	DERE ONKAR RAJIV	401872	
26	MENDON AKHILESH SUNIL	401831			62	INDALKAR PRASHANT SANDE	401873	
27	MENON SHIKHA	401832	<i>Shikha</i>		63	DESALE MANASI GURUNATH	401874	
28	MHATRE SHRUTIKA	401833			64	METHA AKASH RAJENDRA	401875	<i>Metha</i>
29	MHATRE YADNESH RAMESH	401834			65	KAMATH KRITHIKA SATISH	401876	
30	MISRA AYUSH	401835			66	SHINDE VIJAY BABU	401877	
31	MOHITE SAHIL RAJENDRA	401836			67	GADE BRAVESH	401811	
32	MOHITE SIDDHESH	401837	<i>Mohite</i>		68	MAVID VARGHESE	401728	
33	MUSKAN SAXENA	401838			69	GLADSON NADAR	401734	
34	NAIK SWARAJ PRASHANT	401840			70	VISHAL VINCENT	401762	
35	NAIR SHRUTI SHIVADAS	401842			Present #		Absent #	
36	PATIL YASHWANT SACHIN	401843			Staff Name & Sign:			





Date: 3/2/22 Time: 11.20am				LECT/ TUT/ PRACT			
Sr. #	Batch 1	Roll #	Sign	Sr. #	Batch 3	Roll #	Sign
1	ABISTAN SELVARAJ	401802		37	PINTO DYLAN DOMINIC	401844	
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4	AJNALKAR AAKASH V.	401805		40	RAJPUT VEDANT UDAYSINGH	401847	
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7	ANVEKAR SHIVAM SATISH	401808	Anvekar	43	SARKAR ANIRBAN	401850	
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11	CHAVAN SHUBHAM	401812		47	SHINDE SHREYA	401854	Shinde
12	CRUZ DENZIL NICHOLAS	401813		48	SILVIYA JOY	401855	
13	DEOKATE PRATIK ARUN	401816	Deokate	49	SINGH BILANUPRATAP	401857	
14	LENNARD FELIX D'SOUZA	401817		50	TAWDE UDAYRAJ DIGAMBER	401859	
15	GILBERT JAMES	401818		51	THALE AMEYA SUSHIL	401860	Thale
16	GOKUL NARAYANAN	401819		52	VARTAK JAYDEEP NARESH	401861	
17	GORULE SANKITA VISHWANATH	401821		53	WANI GAURAV	401862	
18	JAIWAL ADITYA	401822		54	BHIVSANE SUPRIYA	401864	
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21	LAKHAPATI SHRIRAJ SHIVPRASAD	401826		57	SAMANT PRANAV ABHIJEET	401868	Pranav
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36	PATIL YASHWANT SACHIN	401843		Staff Name & Sign:			





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35	\NAIR SHRUTI SHIVADAS	401842		Present #		Absent #	
36	PATIL YASHWANT SACHIN	401843		Staff Name & Sign:			



SUB: 345 SYSTEM				Date: 3.2.21 Time: 3.45 p.m.			
Sl. #	Batch 1	Roll #	Sign	Sl. #	Batch 3	Roll #	Sign
1	ABISTAN SELVARAJ	401802		37	PINTO DYLAN DOMINIC	401844	
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35	NAIR SHRUTI SHIVADAS	401842		Present #		Absent #	
36	PATIL YASHWANT SACHIN	401843		Staff Name & Sign:			



# *Agnel Charities*

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

### *Vashi, Navi-Mumbai*

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

**Name of the Department/ Institute level Committee: IEI student chapter**

- Name of the Activity/Event :** Technical Webinar- “MINI PROJECT POSTER PRESENTATION COMPETITION ”
- Activity/Event Venue & Date :** MICROSOFT TEAMS, 12<sup>TH</sup> FEBRUARY 2022
- Nature of Participants :** Students of Electrical Department
- Number of Participants :** 48
- Student Coordinators :** IEI council Student Chapter
- Staff Coordinator :** Mrs. Divya Sajeesh
- Brief Summary of the Activity/Event (in maximum 500 words):**

**Objectives :**

- To develop poster making knowledge by giving a platform to present their posters.
- To develop presentation skills and create self confidence to talk in front of whole class.

- a. **Technical Description :** Following whatsapp message was circulated among the students to inform them about the webinar

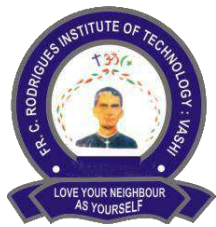


- b. **Outcomes :**
1. Students were able learn how to prepare poster and how to present it.
  2. Students gain self-confidence by participating in the event.
  3. Coordinators were able develop their skill to organise the event

  
Staff Coordinator

  
HOD





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### Vashi, Navi-Mumbai

#### c. Summary of Feedback :

Sr.No	Questions					
1	How useful was the competition for developing knowledge in the area of poster creation?	Extremely useful <b>50%</b>	Somewhat useful <b>50%</b>	Neutral <b>3.7%</b>	Somewhat not useful <b>--</b>	Extremely not useful <b>--</b>
2	Whether the results was properly given?	Yes <b>100%</b>		No <b>--</b>		
3	How do you rate the arrangement of competition?	5 <b>37%</b>	4 <b>48%</b>	3 <b>15%</b>	2 <b>--</b>	1 <b>--</b>

d. **Action to be Taken based on Feedback:** More such competitions has to be conducted.

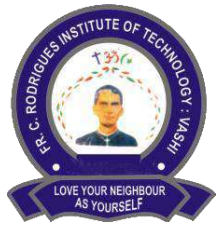
#### 8. Activity / Event Photograph :



Glimpse of the webinar

  
 Staff Coordinator

  
 HOD



# *Agnel Charities*

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Sample poster from the competition

  
Staff Coordinator

  
HOD





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

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**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee: IEEE FCRIT Student chapter**

1. **Name of the Activity/Event** : Mini Project Competition 2022
2. **Activity/Event Venue & Date** : Google meet, 12-02 2022
3. **Nature of Participants** : Students of Engineering
4. **Number of Participants** : 60
5. **Student Coordinator** : Ms Neha Mandelkar and Ms Divya Vyas
6. **Staff Coordinator** : Dr. Mini Rajeev
7. **Brief Summary of the Activity/Event (in maximum 500 words):**
  - a. **Objectives:** The competition aims at presenting the mini project individually or along with a team. The objective of the event was to provide an opportunity to the students to showcase their talent, creative, technical and presentation skills.
  - b. **Technical Description:** The event "Mini Project Competition" was organized on 12th February 2022 at 6 pm IST. The competition was divided into 2 tracks- IT/CS and EXTC/Electrical. The competition commenced by welcoming the participants and introducing the Evaluators of the respective two tracks- Mr. Karan Balkar( CS & IT) and Prof. Anindita Samanta(EXTC & Electrical). The competition started with participants presenting their ppt and working projects within 10 mins, followed by a short 5 minutes of Q/A session by the evaluator. After the end of all the presentations, the evaluators gave feedback and suggestions to all the participants, as well as encouraged and congratulated them for their active participation. The event was then concluded with a vote of thanks along with the dates of the result being declared by the council members.
  - c. **Outcomes:** The event was conducted for the students of FCRIT. The evaluator cum judge Mr. Karan Balkar and Prof. Anindita Samanta gave an informative and insightful view about the pros and cons each project could have, also mentioning more innovative ideas which can be added and the stability the project has in the

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current market. Participants were given a clear idea and fair judgement to their project providing them a clearer view on the negatives and positives of their implemented ideas.

- d. **Summary of Feedback:** All the students took the competition with utmost sincerity and gave their best. They also took all the feedback from the evaluator in a positive way. The event was considered informative and well-received, prompting them to participate in similar future events.
- e. **Action to be Taken based on Feedback:** In the future, we plan to hold more competitions like this giving students a platform to showcase their talents and ideas.

8. Activity / Event Photograph :





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## **WINNER**



Austin Cardoza



Brian Mendes



Hansel Dsouza

## **RUNNER UP**



Aditi Ambekar



Atharva Pasalkar



Payal Chatterjee



Shruthi C.

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

**WINNER**



Abhinav P.



Prathamesh Z.



Pratik Lomte



Monish Meher

**RUNNER UP**



Chinmay Vartak

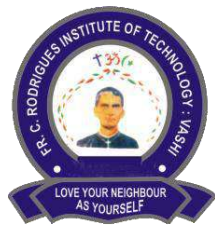
Neha Mandelkar  
Student Coordinator

Divya Vyas  
Student Coordinator

Dr. Mini Rajeev  
Faculty in charge

Dr. Bindu S  
HOD





# *Agnel Charities*

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

### *Vashi, Navi-Mumbai*

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

**Name of the Department/ Institute level Committee: IEI student chapter**

- 1. Name of the Activity/Event :** Technical Webinar- “**FEMM COURSE** ”
- 2. Activity/Event Venue & Date :** Google Meet, 15<sup>th</sup>, 16<sup>th</sup>, 22<sup>th</sup>, 23<sup>th</sup> January 2022
- 3. Nature of Participants :** Students of Electrical Department
- 4. Number of Participants :** 32
- 5. Student Coordinators :** IEI council
- 6. Staff Coordinator :** Mrs. Divya Sajeesh
- 7. Brief Summary of the Activity/Event (in maximum 500 words):**

**Objectives :**

1. To develop practical knowledge of solving magnetic problems in machines
2. To develop solving of different magnetics, flux, related problems on FEMM and Octave software for simulation with coding like matlab.

- a. Technical Description :** Following whatsapp message was circulated among the students to inform them about the webinar



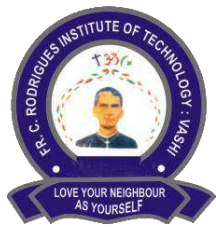
- b. Outcomes :** Students were able learn the simulation of magnetic circuits
- : Coordinators were able develop their skill to organise the event

**c. Summary of Feedback :**

Sr.No	Questions					
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Staff Coordinator

  
HOD



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

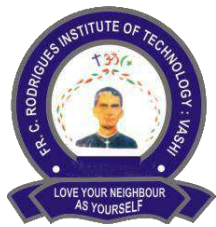
1	How useful was the session for developing knowledge in the area of magnetics?	Extremely useful <b>48%</b>	Somewhat useful <b>48%</b>	Neutral <b>3.7%</b>	Somewhat not useful --	Extremely not useful --
2	Whether the session was beneficial for problem solving skills in the simulation of circuit?	Yes <b>100%</b>			No --	
3	How do you rate the webinar?	5 <b>37%</b>	4 <b>48%</b>	3 <b>15%</b>	2 --	1 --

d. **Action to be Taken based on Feedback:** More such courses has to be conducted.

  
Staff Coordinator

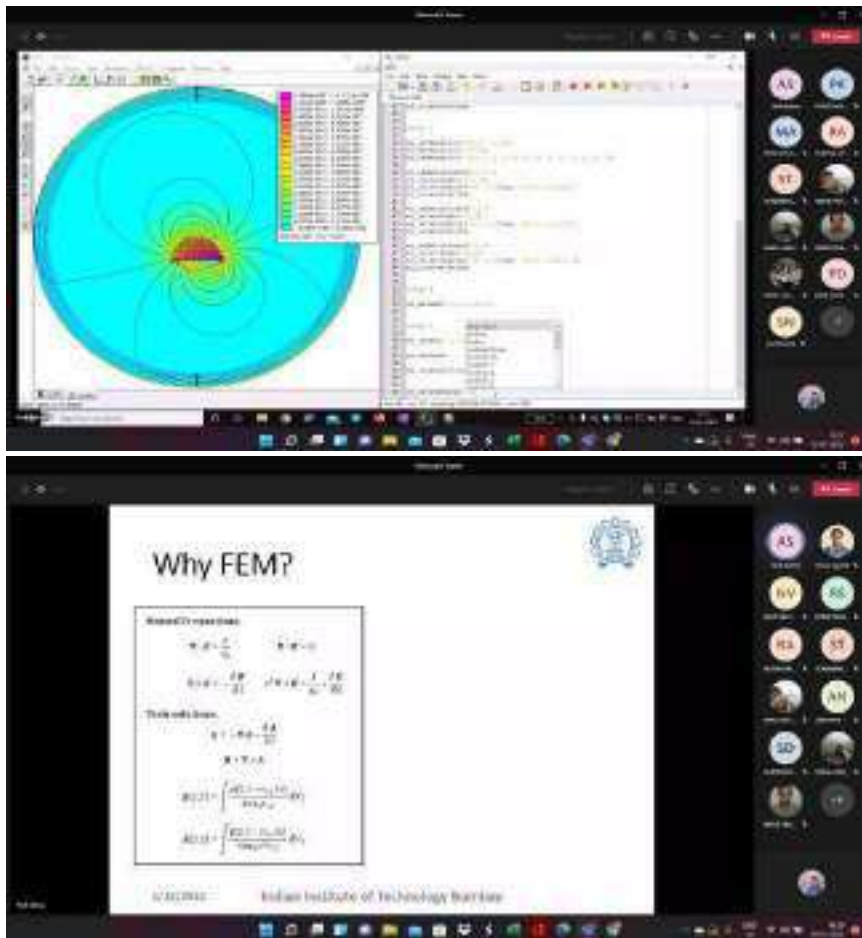
  
HOD





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

**8. Activity / Event Photograph :**

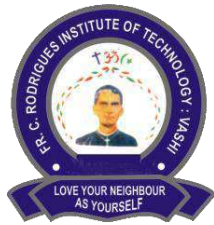


**Glimpse of the webinar**

**9.Attendance of the webinar**

  
Staff Coordinator

  
HOD



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## Fr. C. Rodrigues Institute of Technology

### Vashi, Navi-Mumbai

Timestamp	Name	Roll No.	Branch	Semester	
15/01/2022 17:02:03	Parth Shinde		3020153 EATC	Sem-4	
15/01/2022 17:03:40	Ashwinak Namikar		4020125 Electrical		4
15/01/2022 17:06:00	Ashjeet Singh		401856 Electrical		6
15/01/2022 17:06:54	Tejas Sonawane		201858 Mechanical		8
15/01/2022 17:07:00	Hitesh Wani		4019153 Electrical		6
15/01/2022 17:07:45	Rishabh D. Survekar		4019148 Electrical		6
15/01/2022 17:24:02	Smit Bende		4019104 Electrical		6
15/01/2022 17:38:02	Komal Devchand Patil		4019134 Electrical		6
15/01/2022 17:38:15	Akhilash Mendon		401831 Electrical		8
15/01/2022 17:38:36	Rohi Jonathan Salim		201856 Mechanical		8
15/01/2022 17:38:45	Parth Shinde		3020153 EATC	Sem-4	
15/01/2022 17:39:44	Sudhi Nair		4019129 Electrical		6
Timestamp	Name	Roll No.	Branch	Sem.	
16/01/2022 17:02:00	Quintus Mendonca		201834 Mechanical		8
16/01/2022 17:02:01	Ashjeet Singh		401856 Electrical		6
16/01/2022 17:02:38	Smit Bende		4019104 Electrical		6
16/01/2022 17:05:25	Akhilash Mendon		401831 Electrical Engineering		8
16/01/2022 17:06:38	Smit Chakraborty		4020103 Electrical		4
16/01/2022 17:10:01	Parth Shinde		3020153 EATC	Sem-4	
16/01/2022 17:47:19	Komal Devchand Patil		4019134 Electrical		6
16/01/2022 17:48:00	Aditya Deskar		201816 Mechanical		8
16/01/2022 17:48:21	Sudhi Nair		4019129 Electrical		6

Timestamp	Name	Roll no.	Branch	Sem.	
22/01/2022 17:08:11	Smit Bende		4019104 Electrical		6
22/01/2022 17:08:55	Smit Chakraborty		4020103 Electrical		4
22/01/2022 17:13:43	Quintus Mendonca		201834 Mechanical		8
22/01/2022 17:14:01	Akhilash Mendon		401831 Electrical		8
22/01/2022 17:14:07	Komal Devchand Patil		4019134 Electrical		6
22/01/2022 17:14:01	Sudhi Nair		4019129 Electrical		6
22/01/2022 17:19:22	Ashjeet Singh		401856 Electrical		6
22/01/2022 17:33:31	Parth Shinde		3020153 EATC	Sem-4	
22/01/2022 17:38:36	Rohi shikhar		4020141 Electrical		4
Timestamp	Name	Roll No.	Branch	Sem.	
23/01/2022 17:10:08	Ashjeet Singh		401856 Electrical		6
23/01/2022 17:10:19	Quintus Mendonca		201834 Mechanical		8
23/01/2022 17:15:07	Smit Bende		4019104 Electrical		6
23/01/2022 17:24:28	Smit Chakraborty		4020103 Electrical		4
23/01/2022 17:29:09	Komal Devchand Patil		4019134 Electrical		6
23/01/2022 17:30:05	Sudhi Nair		4019129 Electrical		6

  
Staff Coordinator

  
HOD





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### **ACTIVITY REPORT**

1. Name of activity/ event : **Project Poster Presentation Competition**
2. Activity/ Event Venue & Date: 22<sup>nd</sup> March 2022 , Second Floor Seminar Hall
3. Nature of Participants : Final year Electrical Engineering students
4. No. of Participants : 70 students+ 16 faculty
5. Student Coordinator : Class Representative
6. Staff Coordinator : Seema Jadhav
7. Brief Summary of the Activity/Event
  - i. Objectives: Provide platform for students to exhibit their project along with poster to enhance their communication skills and presentation skills.
  - ii. Technical Description: Mr. Nishil Lathia, Alumni 2020-21 batch was invited as judge to evaluate the Poster Presentation competition. All faculty from department was also invited to evaluate the project groups. Students of third year were also invited to go through the posters to get ideas for their next year projects.
  - iii. Outcomes:
    1. To provide platform for students to showcase their communication and presentation skills
    2. To select best project for TCS project competition.
    3. To motivate students to participate in Project competitions.
8. Activity / Event Photograph :

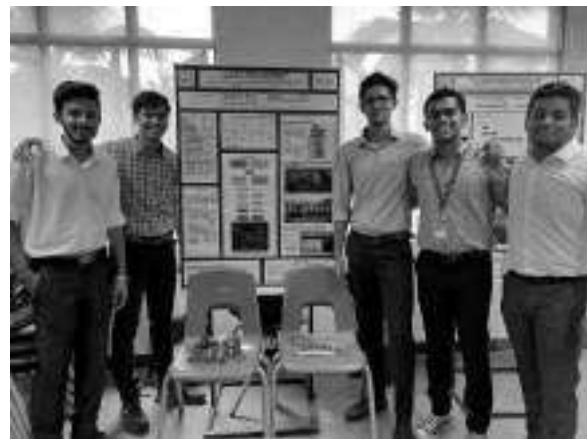




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**Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai.**

**Department of Electrical Engineering**



Seema Jadhav  
Project Co-ordinator

Dr. Bindu S  
HOD





# Fr. C. Rodrigues Institute of Technology

Sector - 9A, Vashi, Navi Mumbai - 400 703, INDIA  
Telephone : 27771000, 2766 1924, 2766 0618, Fax : 2766 0619  
Email : principal@fcrit@gmail.com Website : www.fcrit.ac.in

Date:

22/11/2022

To,

Mr. Nishil Lathia,

Mumbai.

Subject: Thank you Letter for Evaluating Project Poster Presentation Competition

Dear Nishil,

On behalf of the Department of Electrical Engineering, we would like to thank you for evaluating "Project Poster Presentation Competition". We appreciate your efforts and the time you took out from your busy schedule in evaluating the project groups. We are looking forward for more such interactions in future.

Thanking you,

Dr. Bindu S.

Professor and Head

Department of Electrical Engineering



**Department of Electrical Engineering**  
**Project Poster Presentation Competition FH 2022**  
Evaluation Marks 22/03/2022

Group No	Project Title	Internal Marks (25)	External Marks (25)	Average Marks (25)
1	Model Predictive Controller for Three Phase Multilevel Inverter	22	20	21
2	Hierarchical Control of DC microgrid	23	21	22 (IInd Prize)
3	CLASSIFICATION OF POWER TRANSMISSION LINE FAULT TYPES AND LOCATION USING MACHINE LEARNING TECHNIQUES	19	21	20
4	Design and Development of Toroidal Core Winding Machine with Digital Interface	21	20	20.5
5	Design and Development of Single Phase Grid-Tied Inverter for DC Microgrid application.	20	22	21
6	Compact and Programmable Dc-Dc converter for FPGA power supply	22	21	21.5
7	Cascaded H Bridge Multi Level Inverter	20	19	19.5
8	Design And Control Of Switched Reluctance Motor Drive For EV Application	21	21	21
9	DATA-DRIVEN MODELLING OF LITHIUM-ION BATTERY	23	20	21.5
10	Off-Board Charging of an EV Battery using PV Array	21	19	20
11	Implementation of Hybrid Inverter	20	20	20
12	Compact Power Supply for Induction Heating in Shrink fitting Application	23	21	22 (IInd Prize)
13	Condition monitoring of Electrical and moving parts of Solar Water pumping system using Electrical signature analysis	18	20	19
14	Design and Development of a small scale EMU model with loco-pilot cabin emulation	23	23	23 (Ist Prize)
15	Design and Control of BLDC Drive for Electric Vehicle Application	20	21	20.5
16	Design and implementation of Smart Energy Meter	13	20	16.5
17	SOLAR ROOF TOP PANEL SIZING FOR RESIDENTIAL PURPOSES	13	19	16
18	IMPLEMENTATION OF MAXIMUM POWER POINT TRACKING SYSTEM (MPPT) WITH QUAD BOOST CONVERTER FOR SOLAR PV	18	20	19

  
Project Coordinator

  
HOD Dr. BINDU S





**Department of Electrical Engineering**

**Project Poster Presentation Evaluation FH2022**

All teachers are requested to evaluate the BE Project Posters as per the list given below on 22/03/2022 between 9.30-12.30 pm.

Sr. No.	Time	Project Groups	Internal Evaluators
1.	9:30-10:00 am	1,2,3	Dr. Mahendra Rane Mrs. Seema Jadhav
2.	10:00-10:30 am	4,5,6	Dr. Mini N Mrs. Rashmi Kale
3.	10:30-11:00 am	7,8,9	Dr. Sangeeta Das Mr. Abhishek Shiwalkar
4.	11:00-11:30 am	10,11,12	Ms. Divya S Mr. Rajendra Soni
5.	11:30-12:00 am	13,14,15	Mrs. Ruchi Harchandani Mrs. Harshada Bhosale
6.	12:00-12:30 pm	16,17,18	Dr. Bindu R Ms. Misbah Khan

*Seema Jadhav*

Seema Jadhav  
Project Coordinator

*Bindu S*

Dr. Bindu S  
H.O.D

Posden Presentation 22/3/22



P.C. RODRIGUES INSTITUTE OF TECHNOLOGY, Vashi - Electrical Engg. Dept

PH 2022 Sem: 8

SUB:

Date:

Time:

LECT/ TUT/ PRACT

Sl. #	Batch 1	Roll #	Sign	Sr. #	Batch 2	Roll #	Sign
1	AJISTAN SELVARAJ	401802	S. Abhishek	37	PNTO DYLAN DOMINIC	401844	L. d
2	ABUBAKHAR SIDDIQUI	401803	S. Abhishek	38	QURESHI RAHEEL RIYAZ	401845	As
3	AGNEL AUSTIN SUDHAKAR	401804	Agnel's	39	R. ANIKETH	401846	R. Aniketh
4	AJNALKAR AAKASH V.	401805	Aj	40	RAJPUT VEDANT UDAYSINGH	401847	V. Aniketh
5	AMBILKAR SHRADDHA PRAD	401806	Shraddha	41	REUREN VARGHESE JOSE	401848	Reuren
6	ANTO GNANA NILESH	401807	Anto	42	SALVI RAJIT BHIMRAO	401849	R. Aniketh
7	ANVEKAR SHIVAM SATISH	401808	Shivam	43	SARKAR ANURBAN	401850	As
8	BAKSHI RISHAB	401809	Rishab	44	SARNAIK SHREYAS	401851	S. Aniketh
9	BHOLE PRATIK NILKANTH	401810	Pratik	45	SARUK AVINASH MARUTI	401852	Avinash
10	CHAUDHARY HARSH KUMAR	401811	Harsh	46	SHAIKH MOHAMMED OWAIS A.	401853	M. Owais
11	CHAVAN KHURHAM	401812	Khurham	47	SHINDE SHREYA	401854	Shinde
12	CRUE DENZIL NICHOLAS	401813	Crue	48	SILVIYA JOY	401855	Silviya
13	DEOKATE PRATIK ARUN	401816	Pratik	49	SINOH BHANUPRATAP	401857	Bhanu
14	LENNARD FELIX D'SOUZA	401817	L. D	50	TAWDE UDAYRAJ DIGAMBER	401859	Udayraj
15	GILBERT JAMES	401818	Gilbert	51	THALE AMEYA SUSHIL	401860	Ameya
16	GOKUL NARAYANAN	401819	Gokul	52	VARTAK JAYDEEP NARESH	401861	Jaydeep
17	GORULE SANKITA VISHWANA	401821	Sankita	53	WANI GAURAV	401862	Gaurav
18	JAISWAL ADITYA	401822	Aditya	54	WHIVSANE SUPRIYA	401864	Supriya
19	KADAM MOHIT SURENDRA	401823	Mohit	55	ZARIF MOHAMMAD SALIM	401866	Zarif
20	KARAZI KHALILUDDIN RIYAZ	401825	Karazi	56	CHAUDHARI RASHEKA BABAN	401867	Rasheka
21	LACHAPATI BHIRAJ SHIVPRA	401826	Bhiraj	57	SAMANT PRANAV ABHJEET	401868	Pranav
22	MAHAJAN KUNJAL MAHENDRA	401827	Kunj	58	OZA SHIVAM RAJESH	401869	Shivam
23	DENNIS DAVIS MALPAN	401828	Dennis	59	GUNTI SANJANA NARENDRA	401870	Sanjana
24	MALFURE SHRUTI AVINASH	401829	Shruti	60	KHEDKAR AMOGH VAIBHAV	401871	Amogh
25	MARIA SNEHAL	401830	Maria	61	DERE ONKAR RAJIV	401872	Onkar
26	MENDON AKHILESH SUNIL	401831	Akhilesh	62	INDALKAR PRASHANT SANDIP	401873	Prashant
27	MENON SHIKHA	401832	Shikha	63	DESAL MANASI GURUNATH	401874	Manasi
28	MHATRE SHRUTIKA	401833	Shrutika	64	METHA AKASH RAJENDRA	401875	Akash
29	MHATRE YADNESH RAMESH	401834	Yadnesh	65	KAMATH KRITHIKA SATISH	401876	Kamath
30	MISRA AYUSH	401835	Ayush	66	SHINDE VIJAY BABU	401877	Vijay
31	MOHITE SARIL RAJENDRA	401836	Saril	67	GADE BHAVESH	401611	Bhavesh
32	MOHITE SIDDHESH	401837	Siddhesh	68	MAVID VARGHESE	401728	Mauid
33	MUSKAN SAXENA	401838	Muskan	69	GLADSON NADAR	401734	Gladson
34	NAIK SWARAJ PRASHANT	401840	Swaraj	70	VISHAL VINCENT	401762	Vishal
35	NAIR SHREYI SHIVADAS	401842	Shreyi	Present #		Absent #	
36	PATEL YASHWANT SACHIN	401843	Yash	Staff Name & Sign:			





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*Vashi, Navi-Mumbai*

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**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee:** IEEE FCRIT Student chapter

1. **Name of the Activity/Event** : Poster Presentation
2. **Activity/Event Venue & Date** : AX209, 10<sup>th</sup> March 2022
3. **Nature of Participants** : Students of Engineering
4. **Number of Participants** : 15
5. **Student Coordinator** : Ms Neha Mandelkar
6. **Staff Coordinator** : Dr. Mini Rajeev
7. **Brief Summary of the Activity/Event (In maximum 500 words):**
  - a. **Objectives:** The poster presentation which was in collaboration with student council which basically aims at showcasing a cause which conveys a technical theme individually or along with a team of maximum three members. The objective of the event was to provide an opportunity to the students to present their talent, creative, technical and presentation skills.
  - b. **Technical Description:** The event "Poster Presentation" was organized on 10th March 2022 at 11 am IST. The judges for the competition were- Mr. Joshua Michael from EXTC Department and Ms. Sharlene Rebelro from IT Department. The participants had the liberty of making their own templates for the posters. The competition started with the participants having a 10 mins of presentation time. The judges gave feedback to all the participants, as well as encouraged and congratulated them for their active participation.
  - c. **Outcomes:** The event was conducted for the students of FCRIT. The students were given a platform to present their technical ideas in a visually appealing and creative way. The participants were given a clear idea and fair judgement for their posters and presentation skills.
  - d. **Summary of Feedback:** All of the students approached the competition with enthusiasm and gave it their all. They also took all of the judge's feedback



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positively. The event was deemed informative and well-received, prompting them to participate in similar future events.

- e. **Action to be Taken based on Feedback:** We intend to hold more competitions like this in the future to give students a chance to display their skills, talents and ideas.

**8. Activity / Event Photograph :**







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*Vashi, Navi-Mumbai*



Student Coordinator

**Neha Mandelkar.**

Faculty in charge

**Dr. Mini Rajeev**

HOD

**Dr. Bindu S**



# Fr. C. Rodrigues Institute of Technology

## Department of Electrical Engineering

Sector - 9A, Vashi, Navi Mumbai - 400 703, INDIA.

Telephone: 022-2777 1000, 2766 1924, 2766 0618. Fax: 2766 0619

Website: [www.fcrit.ac.in](http://www.fcrit.ac.in)

### Brief Activity/Event Report

1. Name of the Activity/Event : Research Proposal writing and open access publishing
2. Activity/Event Venue & Date : April 11<sup>th</sup> 2022
3. Nature of Participants : Faculty members of Electrical Engineering Department
4. Number of Participants : 09
5. Student Coordinator : N A
6. Staff Coordinator : Ruchi Harchandani
7. Experts : 1. Dr Sushil Thale  
2. Dr Mini Rajeev

#### 8. Brief Summary of the Activity/Event :

##### Objectives:

Participants will learn to write research proposal and will get information about open access publishing.

##### Outcomes:

Research proposal writing was discussed also participants got the information about open access publishing.

#### a. Summary of Feedback :

1.	Do you feel information given during the session will be useful ? 1. Yes (100%) 2. No (0%) 3. May be (0%)
2.	Do you feel the session will help you planning your research better? 1. Yes (88.9%) 2. No (0 %) 3. Maybe (11.1%)
3.	How do you rate the overall effectiveness of the talk on Open Access Publishing Initiative? Average rating (4.89/5)
4.	How do you rate the overall effectiveness of the talk on Research Proposal Writing? Average rating (4.78/5)

#### b. Action to be Taken based on Feedback:

No specific feedback

*Ruchi*  
Staff Coordinator

*Ruchi*  
HOD - B.Tech





# Fr. C. Rodrigues Institute of Technology

Department of Electrical Engineering

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Website: [www.fcrit.ac.in](http://www.fcrit.ac.in)

## 9. Activity / Event Photograph:



10. Event Attendance: *Next page*

*Shiv Ruchi H*  
Staff Coordinator

*Bhaskar*  
HOD



# Fr. C. Rodrigues Institute of Technology

Department of Electrical Engineering

Sector - 9A, Vashi, Navi Mumbai - 400 703, INDIA.

Telephone: 022-2777 1000, 2766 1924, 2766 0618. Fax: 2766 0619

Website: [www.fcrit.ac.in](http://www.fcrit.ac.in)

Date: 11/4/22

Fr. C. Rodrigues Institute of Technology  
Department of Electrical Engineering

R & D activity

Sr. No.	Name of the Staff	Signature
1	Dr. BINDU S.	
2	Dr. SUSHIL THALE	
3	Dr. MINI RAJEEV	
4	Dr. BINDU R.	
5	Dr. MINI N.	
6	Dr. MAHENDRA RANE	
7	Ms. SREEDEVI NAIR	
8	Ms. RUCHI H.	
9	Ms. SEEMA JADHAV	
10	Ms. RASHMI KALE	
11	Ms. HARSHADA BHOSALE	
12	Ms. DIVYA S.	
13	Mr. RAJENDRA SONI	
14	Mr. ABHISHEK S.	
15	Dr. SANGEETA DAS	
16	Ms. MISBAH KHAN	

Ruchi Hombhakar  
(Co-ordinator)

Ruchi H.  
Staff Coordinator

Bindu S.  
HOD





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**Vashi, Navi-Mumbai**

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**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee:**

1. Name of the Activity/Event : Workshop on introduction to FPGA
2. Activity/Event Venue & Date : Room No AX-211, 12/04/2022
3. Nature of Participants : Staff of Electrical Department, FCRIT, Vashi.
4. Number of Participants : 11
5. Staff Coordinator : Dr Mini K. Namboothiripad
6. Resource Person : Dr Mini K. Namboothiripad
7. Brief Summary of the Activity/Event (In maximum 500 words):
  - a. Objectives : To arrange a session on introduction to FPGA which will be beneficial in long term to use FPGA as a digital controller and also real time or fast computing applications.
  - b. Technical Description : The event 'Workshop on introduction to FPGA' was organized on 12th April 2022 at 2.00 pm. The speaker for the event was 'Dr Mini K. Namboothiripad'. The session started with the significance of FPGA as compared to microprocessor and the parameters to be considered for the selection of a controller for a particular application/ algorithm. Also explained the basic structure and the design flow of FPGA and gave an introduction to various tools and languages used for the implementation of an algorithm on FPGA.
  - c. Outcomes : The event was beneficial to understand the basic structure, design flow and various tools and languages for the implementation of FPGA. It will help them to use FPGA as a controller / accelerator in long term.
  - d. Summary of Feedback : Average rating for the understanding of the basic structure was 4.63 out of 5 and the design flow was 4.5/5. The response summary is attached below.

*27/4/22*  
Staff Coordinator

*Budhu*  
HOD



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**- Vashi, Navi-Mumbai**

1. Name of the faculty

8

Responses

Latest Responses

Dr. Bhaikar S.

Barbara K.ale

Savita Jadhav

2. How effective was the session to understand the basic structure of FPGA?

8

Responses

★★★★★

4.5 Average Rating

3. How effective was the session to understand the Design flow of FPGA?

8

Responses

★★★★★

4.5 Average Rating

4. Which of the following FPGA programming tools you will be interested to learn further?

- ☒ VHDL 5
- ☒ Verilog 0
- ☒ Intel/Quartus II high-level synthesis 0
- ☒ High-Level in MATLAB 0



5. In which aspect you are interested to use FPGA?

- ☒ Fast prototyping applications 0
- ☒ Control applications 0
- ☒ Real-time simulation applications 2
- ☒ Any other 1



6. Please give suggestions/Comments for further improvement

7

Responses

Latest Responses

"Can plan a session gives more emphasis on practical implementation"

"Excellent Session"

"One session on application can be taken if possible"

**e. Action to be taken based on Feedback:** As per the feedback more sessions on application of FPGA to be arranged by giving more emphasis on practical implementation.

**f. Activity / Event Photograph :**

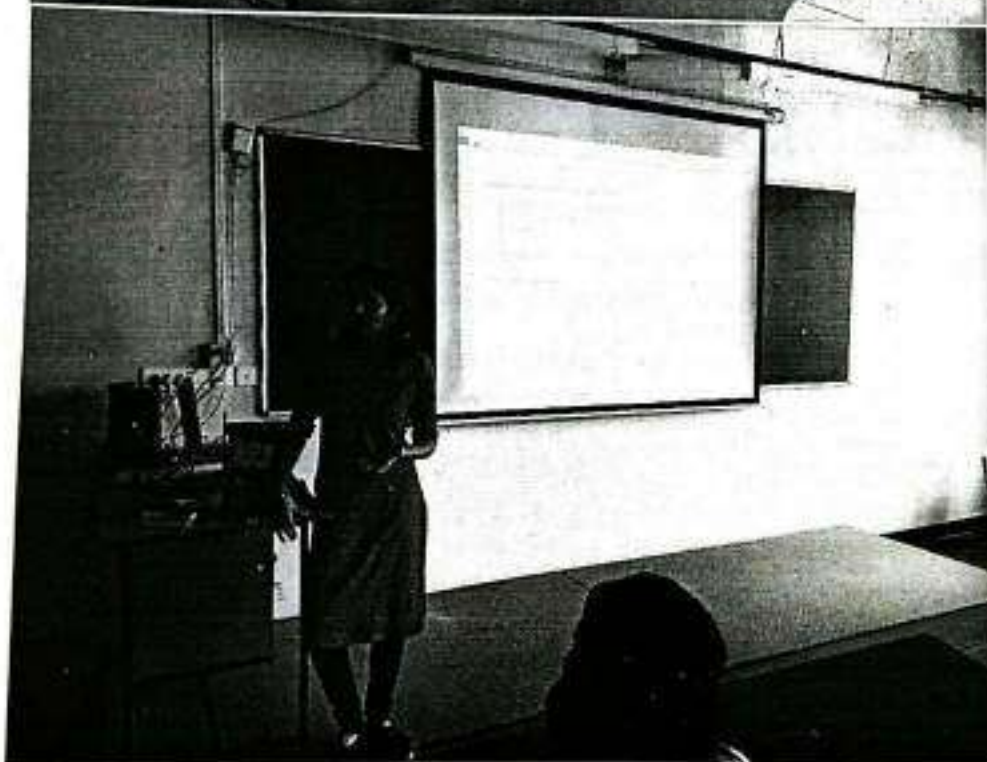
27/11/22  
Staff Coordinator

HOD





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*Vashi, Navi-Mumbai*



*[Signature]*  
27/11/22  
Staff Coordinator

*[Signature]*  
HOD





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*Vashi, Navi-Mumbai*

Faculty Meeting, 20/01/2020  
Present: All

Topic: Introduction to the course  
Speaker: Dr. Vinod Kulkarni

Attendees:

Dr. Vinod Kulkarni	100%
Dr. Ramesh	100%
Dr. Anil	100%
Dr. Ravi	100%
Dr. Ramesh	100%
Dr. Ramesh	100%
Dr. Ramesh	100%
Dr. Ramesh	100%
Dr. Ramesh	100%
Dr. Ramesh	100%
Dr. Ramesh	100%



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**Vashi, Navi-Mumbai**

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**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee: Electrical Engineering**

1. **Name of the Activity/Event** : Placement Training for TE and BE
2. **Activity/Event Venue & Date:** Every week on Saturday.
3. **Nature of Participants** : All SE and TE students those have opted for placement,  
Not higher studies
4. **Staff Coordinator** : Abhishek Shiwalkar
5. **Brief Summary of the Activity/Event (in maximum 500 words):**
  - a. **Objectives** : To train students for campus placement
  - b. **Technical Description** : Tests conducted online using MS TEAM

**SECOND YEAR PLACEMENT TRAINING**

Sr. No.	Date	Topic	Subtopic	Number of Students attended TE
1	15/1/2022	General Aptitude	HCF and LCM , Decimal Fractions and Simplification	64
2	22/1/2022	General Aptitude	Average, Problems on numbers, Problems on ages	36
3	29/1/2022	General Aptitude	Percentage , Profit and Loss , Ratio and Proportion	36
4	5/2/2022	Technical Aptitude	Electrical Engineering	39
5	5/3/2022	Technical Aptitude	Electrical Engineering	56
6	19/3/2022	General Aptitude	Time and Work, Time and Distance, Boats and Streams	42
7	26/3/2022	General Aptitude	Problems on Trains, Simple Interest, Compound Interest	46



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**Vashi, Navi-Mumbai**

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**THIRD YEAR PLACEMENT TRAINING**

Sr. No.	Date	Topic	Number of Students attended TE
1	29/1/2022	Technical Aptitude Test	66
2	19/3/2022	Technical Aptitude Test	51
3	26/3/2022	Technical Aptitude Test	46
4	2/4/2022	Technical Aptitude Test	61
5	9/4/2022	Technical Aptitude Test	62

Abhishek Shiwalkar  
Staff Coordinator

Dr. Bindu S  
HOD





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

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## Brief Activity/Event Report

**Name of the Department/ Institute level Committee: IEEE FCRIT Student council**

1. Name of the Activity/Event : STEM EDUCATION
2. Activity/Event Venue & Date : A P sutar (nerul), Modern school (vashi), 4-3-2022
3. Nature of Participants : Students of school / students of engineering
4. Number of Participants : 200
5. Student Coordinator : Ms Neha Mandelkar, Saish Chalke, Anush
6. Staff Coordinator : Dr. Mini Rajeev
7. Brief Summary of the Activity/Event (in maximum 500 words):

### Selected Schools:

1. A P Sutar  
N M M C School, 12, Swatantrata Senani Marg, Sector 1A, Shiravane, Nerul, Navi Mumbai, Maharashtra – 400706
2. Modern School  
Ashok Shantaram Thakur Marg, Sector 5, Sanpada, Navi Mumbai, Maharashtra 400705, India

### IEEE members at the venue:

1. A P Sutar
  - a. Chinmay Varthak
  - b. Shivani
  - c. Rishabh
  - d. Saish
  - e. Harsh
  - f. Pranav
  - g. Yash Barhate
  - h. Anush
  - i. Devanshi Singh
2. Modern School
  - a. Neha M
  - b. Anika
  - c. Devanshi Nigam
  - d. Divya Vyas
  - e. Saurabh



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- f. Vighnesh D
- g. Aryav
- h. Purva

**Objectives:** The main objective of the event was to reveal the knowledge of basic components of electrical circuits and demonstrate some basic mini-projects to school students which will increase their knowledge and develop some interest.

#### **Technical Description:**

The event "STEM education" was organized on 4th March 2022 at Modern School between 8:30 to 9:30 and AP Sutar from 11:30 to 12:30. All the students of the IEEE council were welcomed to teach the student of their respective schools as STEM professionals. The seminar covered four vital mini projects like LED lighting circuits with battery and resistors, DC Motor Dynamo, Solar Panel Electrical Energy Generation, and Burglar Alarm and gave a short presentation on each mini-project by explaining various projects with their designs and circuits executing in different cases. Students got to know the role of various devices in the making of projects.

In the end, a question-answer session was organized where all the students got their doubts cleared.

#### **Outcomes:**

- a. The event was conducted by the students of FCRIT. The engineering students gave an informative and insightful presentation about the circuits and some projects.
- b. **Summary of Feedback:** the STEM learning experience fostered a learning environment that extended and deepened STEM content learning while providing opportunity and access to content, settings, and materials that most middle-level students otherwise would not have access to. Students had a fun learning experience while being provided with the deep knowledge in more of a comprehensible and amusing way. Most importantly, all the essential concepts were well comprehended and understood by the students providing them a clearer way to the details.



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Activity / Event Photograph :







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*[Signature]*

Student Coordinator  
in M.

*[Signature]*  
Faculty in charge  
Dr. Mini Rajeev

*[Signature]*  
HOD  
Dr. Bindu S





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

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## Brief Activity/Event Report

Name of the Department/ Institute level Committee: IEEE FCRIT X Student Council

1. Name of the Activity/Event : Technical Quiz
2. Event Venue & Date : FCRIT Vashi, 10<sup>th</sup> March 2022
3. Nature of Participants : Engineering Students
4. Number of Participants : 45
5. Student Coordinator : Ms Neha Mandelkar
6. Staff Coordinator : Dr. Mini Rajeev
7. Brief Summary of the Activity/Event (in maximum 500 words):

**Objectives:** The objective of conducting the technical quiz goes to enlighten students more about their streams so that they could be deeply rooted with the concepts that they are learning in their fields with a competitive twist.

### Technical Description:

The event "Technical Quiz" was organized on 10th March 2022 at FCRIT college between 10:00AM to 11:00 AM. All the students of the IEEE council were assigned duties such as invigilation and evaluation. The quiz covered vital topics of engineering curriculum like Physics, Computer Science, Electronics, IT and Electrical questions.

The quiz consisted of three rounds. First two rounds were of 20 mins and 15 mins respectively based on the technical knowledge related to the student's stream. (MECH/ELEC/COMPS/IT/EXTC). Third round was of 25 mins based on general knowledge and aptitude.

### Outcomes:

- a. The event was conducted by the IEEE student council of FCRIT.
- b. Winners: Yash P – IT 3<sup>rd</sup> year and Parth Phalke – IT 3<sup>rd</sup> year
- c. **Summary of Feedback:** The Technical Quiz brought a new interest in students for learning the engineering curriculum at a deeper level and develop better understanding of the core concepts.



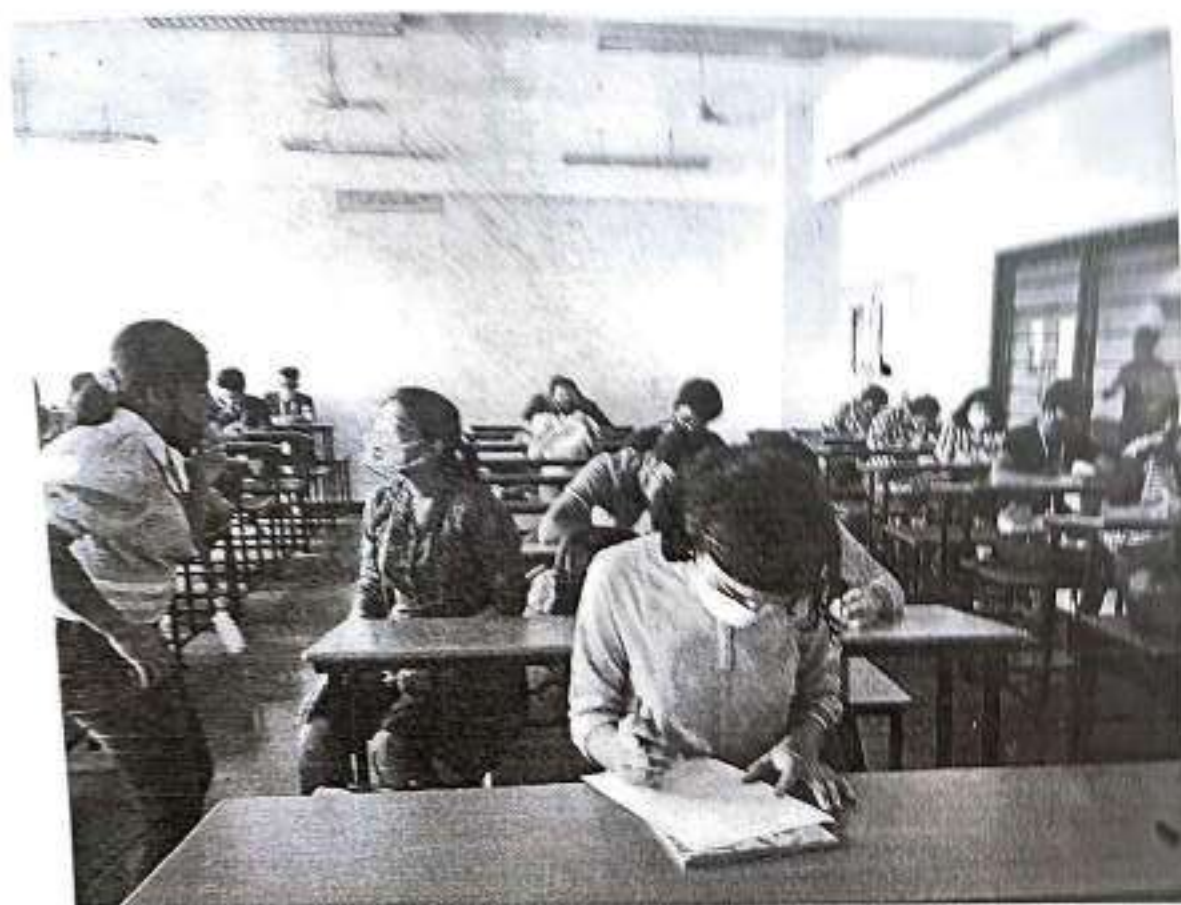
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e-Action to be Taken based on Feedback: We will organize more workshops and events like this in the future. It was fun event  
Activity / Event Photograph :





# P. C. Chaudhary College of Education / Vashi, Navi Mumbai



**Student Coordinator**  
Neha M. Mandelkar

**Faculty In charge**  
Dr. Mini Rajeev

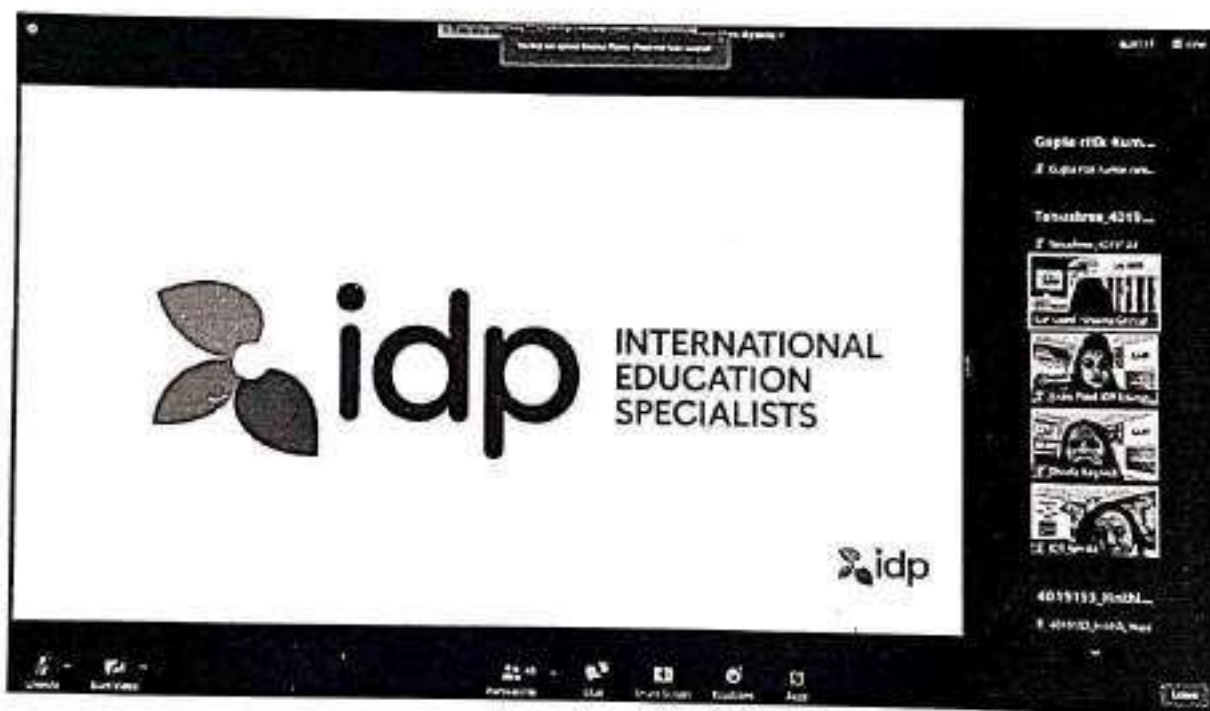
**HOD**  
Dr. Bindu S.





**Name of the Department/ Institute level Committee: Electrical Engineering**

1. **Name of the Activity/Event** : IDP's Webinar
2. **Activity/Event Venue & Date** : Zoom meeting on 24<sup>th</sup> January, 2021
3. **Nature of Participants** : All TE students
4. **Staff Coordinator** : Abhishek Shiwalkar
5. **Brief Summary of the Activity/Event** :
  - a. **Objectives** : To enlighten students regarding higher studies in different countries abroad
  - b. **Technical Description** : The webinar highlighted the benefits and steps to studying abroad in countries like Canada, UK, USA, New Zealand, Australia and Ireland, as well as the entrance tests & application process and scholarship opportunities.

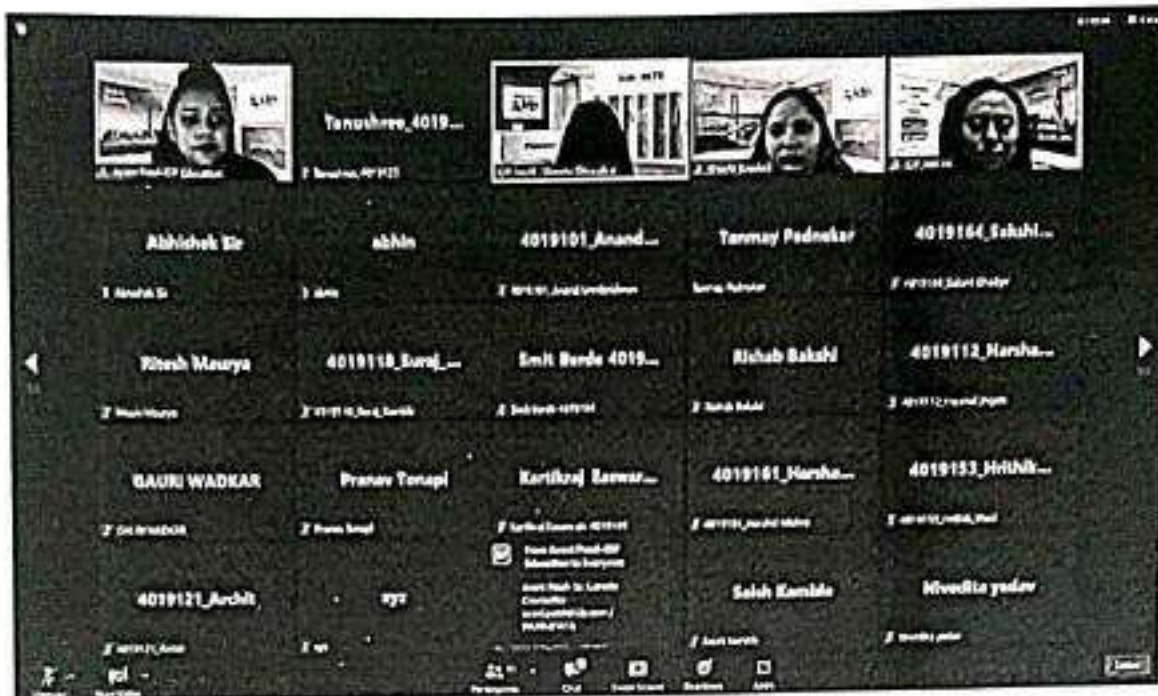




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 27-1-2021  
 Abhishek Shiwalkar  
 Staff Coordinator

  
 Dr. Bindu S  
 HOD



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**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee: Electrical Engineering**

1. Name of the Activity/Event : Career opportunities after Engineering
2. Activity/Event Venue & Date : Seminar hall second floor, 7/4/2022
3. Nature of Participants : All SE, TE and interested students of BE
4. Staff Coordinator : Abhishek Shiwalkar
5. Brief Summary of the Activity/Event :
  - Objectives : To enlighten students regarding career opportunities after Engineering in Government sector.
  - a. Technical Description : Most of the times students are not aware about career opportunities after engineering in Government sector and which exams they need to concentrate to clear those exams. So one session by ACE Academy was scheduled on 7<sup>th</sup> April 2022 where Mr. Anish Singh Rajput explained how to prepare for GATE exam, Which companies students can apply after clearing GATE exam, Different exams to apply in Government sector and preparation required to clear tests and interview. Mr. Anish Singh Rajput (IIT Bombay Alumnus, GATE AIR 18, ESE AIR 73, Rank Holder ISRO EXAM, 9 times GATE qualified, 7 years ESE and GATE teaching experience) is a senior faculty member at ACE Engineering Academy and a Motivational speaker with rich academic Credentials.

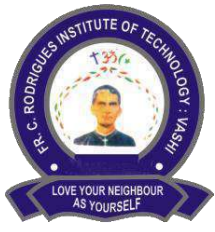




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SH 2021



## Activity Report

Sr No	Topic of Seminar	Date Duration	Resource person Designation	No. of students Attended
1	Oral and Written Communication	23/10/2020 ( 1.5 hrs)	Dr. N.Aparna Rao	57
2	Decentralised Renewable Energy powered Small scale Enterprises for reviving Rural Communities	24/10/2020 ( 1.5 hrs)	Mr. Nitin Akhade	61
3	Project Management	23/10/2020 ( 1.5 hrs)	Ms. Deepti Goel	78

## Activity Report

1. Name of activity/ event : **Vidyut Seminar**
2. Activity/ Event Venue & Date: 23<sup>rd</sup> and 24<sup>th</sup> October, 2020
3. Nature of Participants : Second year, third year and final year Electrical Engineering students
4. No. of Participants : 57+61+78= 196
5. Student Coordinator : Class Representatives
6. Staff Coordinator : Harshada C.B.
7. Speakers
  - 1) Ms. Deepti Goel , Director, Harrisons Tech Consultant
  - 2) Mr. Nitin Akhade , Consultant, Rural Electrification & Livelihoods & Project Lead, MICRO Customised Energy Solution, New Delhi
  - 3) Dr. N.Aparna Rao , Sr.Manager, DS School of Entrepreneurship, IIT Bombay
8. Brief Summary of the Activity/Event
  - i. **Objectives:** To get understanding of Project Management concepts like the nine knowledge areas , what is Project Management and stakeholder Identification. Purpose of communication ,challenges faced in communication, content and medium of communication.
  - ii. **Technical Description:**
    - 1) Ms. Deepti Goel started with her seminar with definition of Project Management. She explained the nine knowledge areas of PM. The reasons for Project failure were illustrated. Concepts of Project life cycle , stages of Project completion like Project definition, planning , scheduling , Execution and closing of Project. Identification of stakeholders , customers , cost , quality and time triangle of project, Real time constraints like budget , schedule , people , facilities and Equipments for Project completion.
    - 2) Mr. Nitin Akhade , discussed various R&D projects using Renewable energy implemented successfully in the rural areas. Solar based Microgrids established and run with the help of rural community. Helping them in improving their livelihoods





with less cost. Such case studies demonstrating progress with sustainable Development.

3) Dr. N. Aparna Rao explained the importance of effective Oral and written communication. What are the barriers of communication? Verbal and non-verbal communication, overcoming Lack of confidence in facing large crowd, language barriers. She explained why active listening is important for expressing and why people are comfortable with mother tongue but find difficult to express in some other language. For written communication the 4 whs like content, context, purpose, receiver and what medium is important.

### **iii. Outcomes:**

1. Active and immense participation by students
2. Platform for students to showcase their organization skills
3. Acquire in depth knowledge on technical and non-technical topics like “Oral and written communication”, “Decentralised Renewable Energy powered Small scale Enterprises for reviving Rural Communities” and “Project Management”.

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



Seminar on “Oral and Written communication”

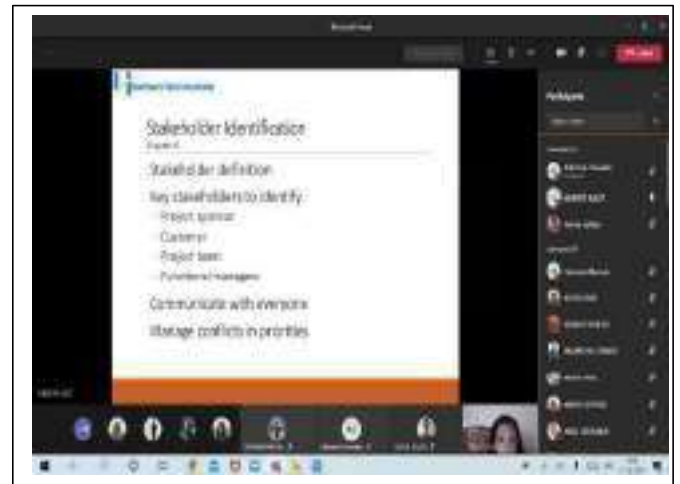


Seminar on “Decentralised Renewable Energy powered Small scale Enterprises for reviving Rural Communities”



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Seminar on “ Project Management ”

**Harshada C.B**  
**Convenor**

**Dr. Bindu S.**  
**HOD**



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**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee: IEEE SB**

**1. Name of the Activity/Event :**

Webinar on “Career Opportunity in Aerospace Industry

**2. Activity/Event Venue & Date :**

Google Meet, 18 December 2020

**3. Nature of Participants :**

IEEE members and fellow students from different institutions.

**4. Number of Participants :**

40 Participants

**5. Student Coordinator : Shruti Malpure**

**6. Staff Coordinator : Mrs. Bindu R**

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

**a. Objectives :**

To give a brief information on career opportunity in Aerospace Industry for fellows from different engineering fields

**b. Technical Description :**

The IEEE FCRIT Student Branch organized a webinar entitled “Career Opportunities in Aerospace Industry” on 18 December 2020. The event was conducted on Google Meets between 4.30 PM To 6.00 PM. The Webinar was free for first 50 registrants. After 50 registree an amount of 20/- per head was charged. It was completely free for IEEE members. The speaker for the webinar was Ms. Prachi Ashish Amritkar. She has an extensive experience in the field of Aerospace Engineering. Presently, She’s an Engineering Manager handling diverse activities of calibration, operation, Testing, Data analysis.

Our speaker for the webinar Ms. Prachi Amritkar briefed about the Aerospace industry. She gave a gist introduction about the working of





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Aeronautic industry. As the webinar moved further, she introduced the participants about different systems involved in working of an Aircraft namely the Avionic System which mainly includes the flight control, navigation aids, cockpit, communication systems, landing controls, etc. furthermore, she explained the attendees about the landing gears

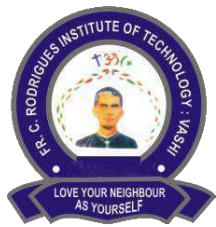
i.e., the “wheels” of an aircraft. She briefed upon various moving surfaces of aircraft namely the aileron, rudder, elevators. These moving surfaces on the aircraft are responsible for changing the direction of an aircraft. She touched upon the “Engine” or the powerplant of Aircraft. As we moved further, she added upon to Flight Management System which provides the fixed co-ordinates of route or “A flight Plan” to the pilot. Talking about the role of different Engineers in the field of Aerospace industry she added that the whole industry is complex and there’s a lot of interdependency. Hence building an aircraft is a teamwork of engineers coming from different fields. Later on, she briefed the role of different engineers and the courses they should imbibe in order to enter the Aerospace industry. She also briefed on different universities i.e., both the foreign and Indian institutions wherein you can pursue higher studies related to Aviation industry.

With this the webinar came to an end and the attendees were welcomed for question & answer session. Lastly the feedback forms were circulated in order to get an idea of peoples who were viable for certificates.

The webinar ended well and everyone enjoyed it. It was a huge success.

#### **c. Outcomes :**

The webinar was a great success, everyone gained a lot of extra and unique Knowledge from the expert session and acquired Clarity till some extent about the possible opportunities for engineers in Aerospace industry



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#### **d. Summary of Feedback :**

Most of the People found the session meeting their Expectations and gave positive feedback regarding the same.

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

Seminars illustrating the importance and growth of sub-disciplines of major Engineering Fields are to be organised

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





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Prachi Ashish Amritkar is presenting

### MAJOR ORGANIZATIONS

- Some major players in the industry (in no specific order):
  - General Electric
  - Rolls Royce
  - GE Aviation
  - Rolls Royce Services
  - GE Aviation Technology Services
  - GE Aviation Maintenance
  - GE Aviation Systems Limited
  - GE Aviation Training
  - GE Aviation Engineering
- Some key players providing services to Aerospace Industry:
  - TCS
  - HCL
  - QinetiQ Global
  - Capgemini
  - Infosys
- Public Sector:
  - DRDO
  - ISRO
  - VSSC
  - NAL
  - HAL
  - ADAR
- Armed Forces:
  - India Air Force (Technical Branch)

Participants: Vaidhyan Chidambaram, Akshata Patel, Chiranjeev Patel, Prachi Ashish Amritkar, Akshata Patel, Prachi Patel, Anish Ramesh, P T Nankar

Prachi Ashish Amritkar is presenting

### FLIGHT MANAGEMENT SYSTEM

FMS functions:

- Flight Planning
- Database
- Navigation
- Performance
- Integration with other systems

FMS Control Display Unit

Participants: Vaidhyan Chidambaram, Akshata Patel, Prachi Patel, Vaidhyan Chidambaram, Akshata Patel, P T Nankar





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Prachi Ashish Amtekar is presenting

Pratik Shinde and 26 others

17:24

## MECHANICAL ENGINEERS

**Typical Job Profiles:**

- 3D CAD Modeling
- 3D drawings for manufacturing parts, including Geometric Dimensioning and Tolerances (GD&T)
- Mechanical analysis: Thermal, Structural, Stress, Vibrations
- CFD
- DFM/A, DFT and DFM tools
- Product Design (Component/ System)
- Manufacturing engineering

**Key Focus Areas:**

- Structural mechanics
- Thermodynamics
- Fluid mechanics

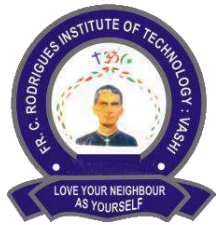
**Tools:**

- CAD tools such as Catia, SolidWorks, AutoCAD, ProE, Creo, NX/Inventor
- ANSYS (structural, thermal and fluid simulations)
- MATLAB: System design and simulations

Zait M.SALIM has left the meeting

Participants:

- Vishay Chidover
- Akshata Patel
- Prachi Palle
- Vijaya Menkar
- Prachi Ashish Amtekar
- Unkayam Tondar
- Vaishali Bag
- Abhishek Mendon



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**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee: IEEE SB**

1. **Name of the Activity/Event** : Realm of Sound Engineering
2. **Activity/Event Venue & Date** : 23<sup>rd</sup> December, 2020; Google Meets
3. **Nature of Participants** : IEEE Student Members of FCRIT and fellow students of FCRIT and other colleges
4. **Number of Participants** : 32
5. **Student Coordinator** : Akhilesh Mendon
6. **Staff Coordinator** : Mrs. Bindu R
7. **Brief Summary of the Activity/Event (in maximum 500 words):**

**a. Objectives :**

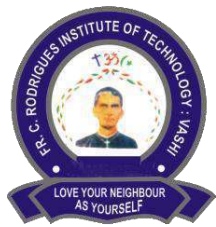
To introduce to the students the technically vibrant side of Sound Engineering, which is used in movies, theatres and concerts and how diverse it is, as a field.

**b. Technical Description :**

IEEE FCRIT organised a seminar on 'Realm Of Sound Engineering', on 23<sup>rd</sup> December 2020 on Google Meets and the same was attended by students of FCRIT and other colleges.

The speaker for the event was Mr. Aniruddha Purushe, an experienced personality in the field of Sound Engineering, having worked in theatre acts such as those of Disney's Aladdin and TV shows such as MTV Unplugged and The Stage. Furthermore, he had the experience of working with popular music bands such as ALIF, TAPAS and signers such as Abhijeet Srivastava.

Starting with the event, our speaker introduced us, firstly to the different aspects of sound engineering employed in the Entertainment Industry and how complex the mechanisms related to it could be. He began by explaining the work of Foley Engineers and how fun it is to be able to produce sounds



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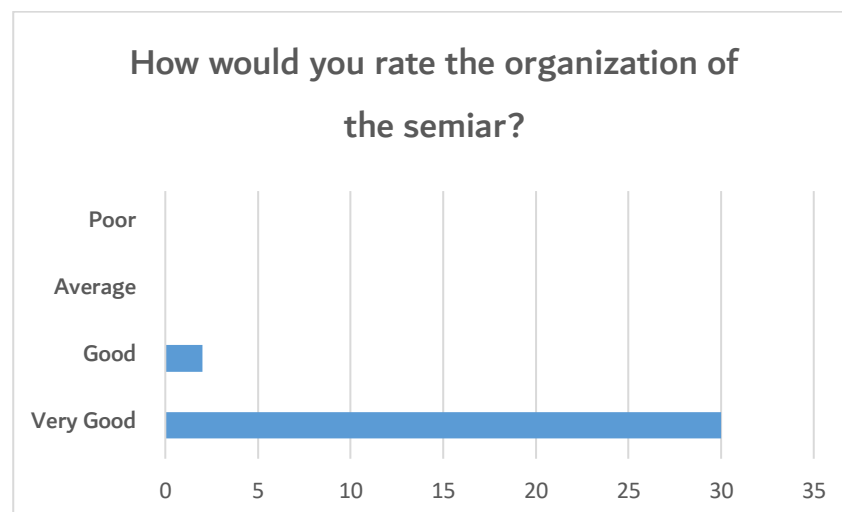
that are otherwise difficult to capture. He then went on to explain his work which was Sound Mixing, Reproducing, Equalization, Sound Projection and Electronic Effects, The entirety of these new concepts were explained in simpler terms, often accompanied by Mr. Purushe's own works related to them.

The session in particular was very useful to individuals, who saw a spark on interest in themselves in this bright field and were enthusiastic to ask doubts and participate whole heartedly in the conversations

**c. Outcomes :**

The event was a great success, as we saw an almost 100% attendance and extremely positive feedback from our audience.

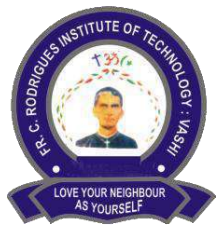
**d. Summary of Feedback :**



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

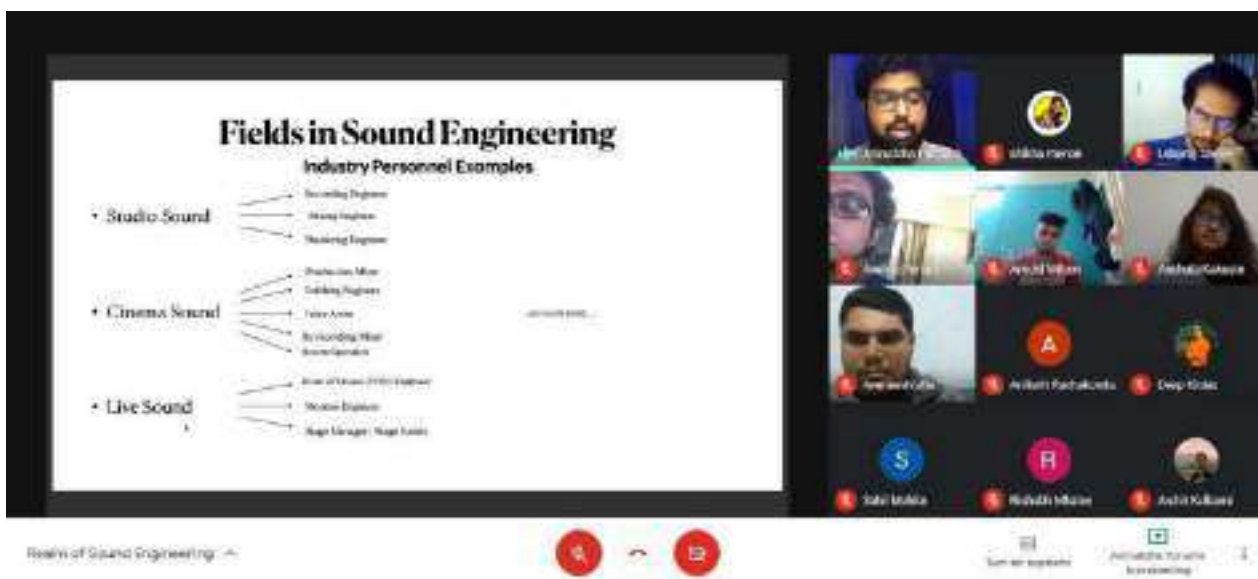
Based on the feedback received, the council has been encouraged to conduct more such webinars on fields that, though remotely related to the field of engineering, require growing presence of individuals with technical knowledge.





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## 8. Activity / Event Photograph :

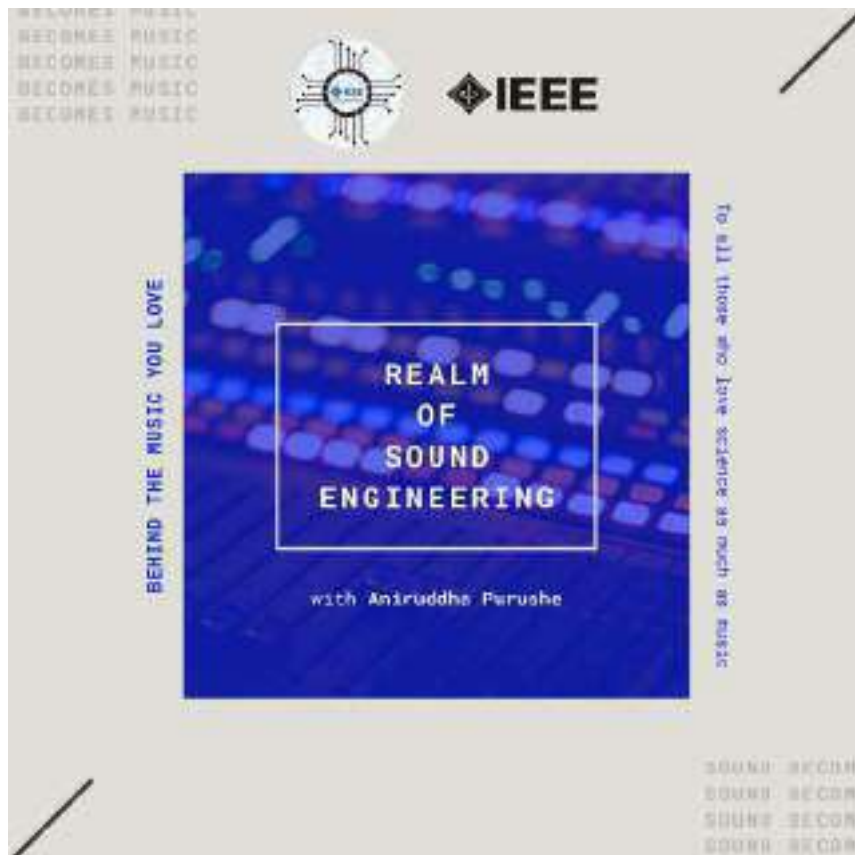




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 **IEEE**

**IEEE FCRIT  
PRESENTS**




**Realm of  
Sound Engineering**

**WITH**  
**ANIRUDDHA PURUSH**

Live & Studio Sound Engineer  
Event Manager, Systems Tech

**23rd December  
6 to 7.30 PM**

**Register Now!** 



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**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee: IEEE SB**

- 1. Name of the Activity/Event** : Green Challenge
- 2. Activity/Event Venue & Date** : 4<sup>th</sup> November to 5<sup>th</sup> December, 2020
- 3. Nature of Participants** : Open to all
- 4. Number of Participants** : 47
- 5. Student Coordinators** : Akhilesh Mendon and Shruti Malpure
- 6. Staff Coordinator** : Mrs Bindu R
- 7. Brief Summary of the Activity/Event (in maximum 500 words):**

**a. Objectives** :

To motivate students to take steps in public interest to reduce power consumption and create awareness by accepting the Green challenge and contributing in accordance to their respective fields of interest.

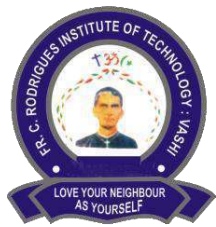
**b. Technical Description** :

The IEEE STUDENT BRANCH, FCRIT organised a Green Challenge Competition starting 4<sup>TH</sup> November 2020. The competition was conducted digitally and students were asked to submit their work on via drive links.

The challenge was sponsored by Techno Associates Vidyut Pvt Ltd  
Challenge was categorized in three fields : Technical, Literature, Art.

There was also a special recognition prize for participants who contribute significantly towards environment physically, for eg. Mass tree plantation drives.

Different sets of rules and regulations were formed and the same were explained to participants with the help of PDFs.



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#### c. Outcomes :

Various students from different colleges participated in the event and had submitted their work.

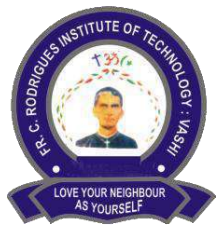
Cash prize worth One thousand was awarded to winners, one each from the three events. Furthermore, few runner-up awards were also declared.

#### d. Summary of Feedback : nil

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

#### 8. Activity / Event Photograph :





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**HOW DO I SUBMIT MY WORK?**

Submissions are open from 8th November to 30th November

Registered participants can submit their works here

Participants are free to choose their desired way of participating in the Green Challenge  
Multiple Submission are Allowed (maximum 1 in each section)

Thorough check for plagiarism will be conducted. Participants are thus advised to use resources from web for citations but not to copy from.

IEEE CERTIFICATES WILL BE GIVEN TO ALL PARTICIPANTS AS A TOKEN OF APPRECIATION

*This Diwali  
Go green*

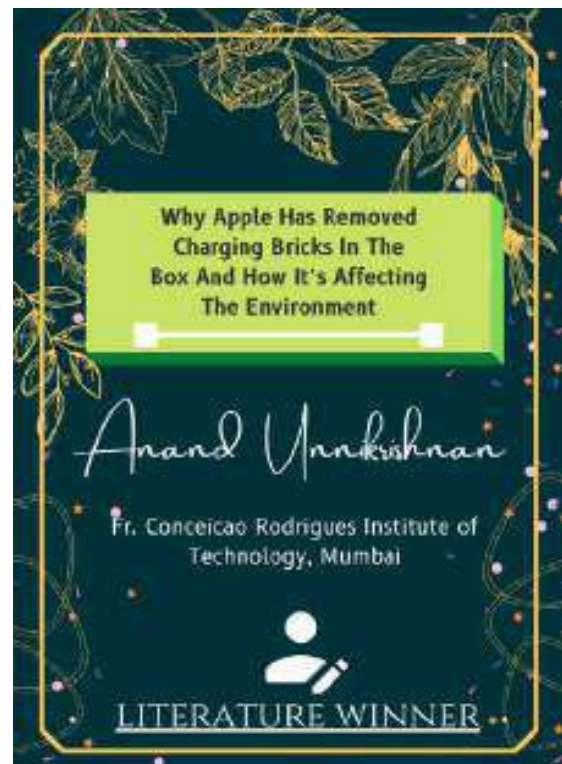
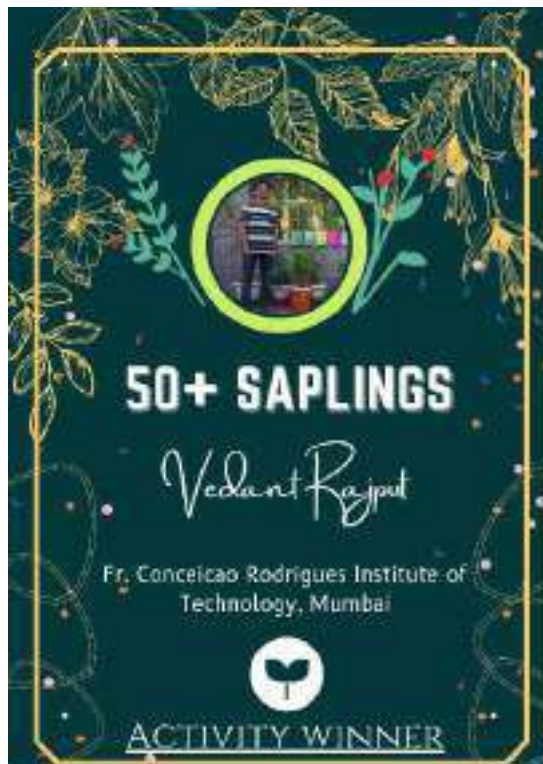
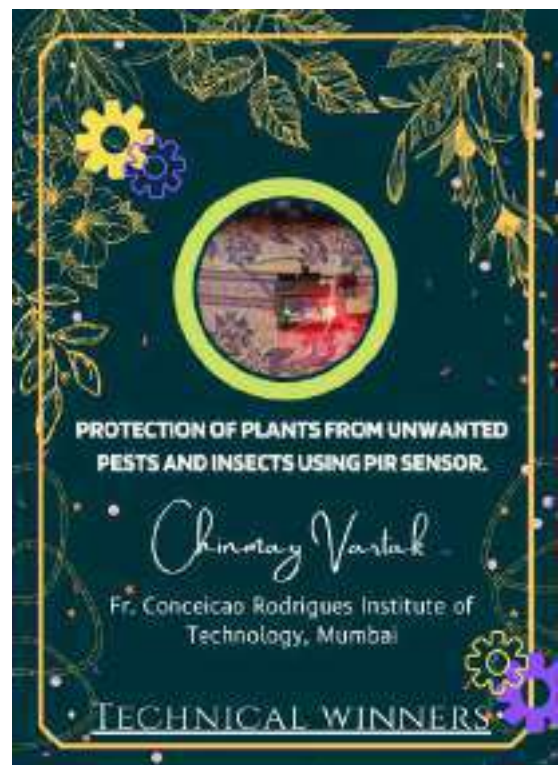
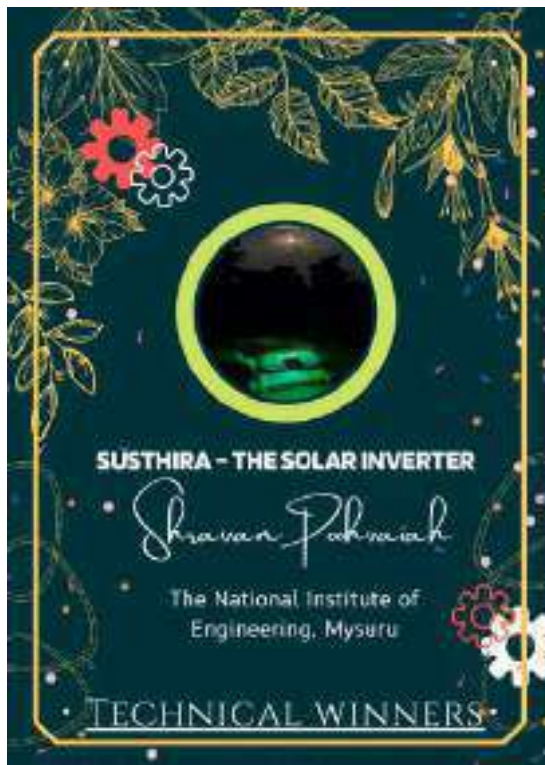
Contact: [fcrit2020ieee@gmail.com](mailto:fcrit2020ieee@gmail.com)

**Winners:**





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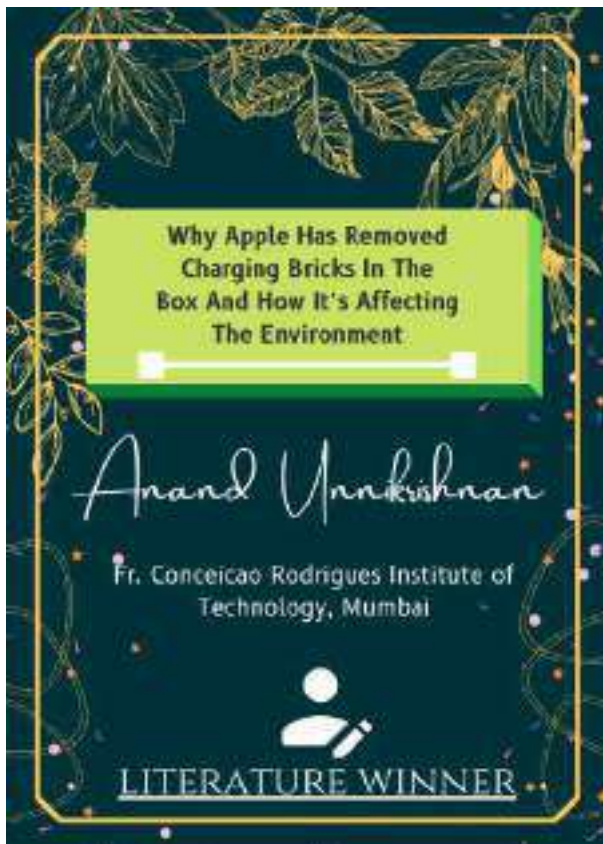






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**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee: IEEE SB**

1. **Name of the Activity/Event** : Indusrtty 4.0
2. **Activity/Event Venue & Date** : Microsoft Teams, 8<sup>th</sup> and 16<sup>th</sup> October 2020
3. **Nature of Participants** : IEEE members and fellow students from different institutions
4. **Number of Participants** : 116
5. **Student Coordinators** : Akhilesh Mendon and Shruti Malpure
6. **Staff Coordinator** : Mrs. Bindu R
7. **Brief Summary of the Activity/Event (in maximum 500 words):**

**a. Objectives :**

To bring to young engineers, the concept of Industry 4.0 as we enter an age of automation.

**b. Technical Description :**

The webinar began with Mr. Nilesh Sawant introducing us to Siemens and their contribution in the present automation and control systems in the market.

He talked about measurement technologies and process instrumentation sensors. He mentioned about the Siemens-Sitrain package and it's unique features like training equipment, training material, automation and electrical training packs etc.

Next, we had Mr. Durgesh Mishra who spoke about industry 4.0, it's working and also it's relevance.

He gave a brief idea of how the industry is evolving and how we it has changed from use of mechanical equipment to labour concept and further from electronics and IT automations to use of cyber-physical systems.

He spoke about digitalization of the field level using digital enterprise in both discrete and process industry. The relevance was answered by the fact that industry 4.0 reduces time-to-market, increase flexibility, improve quality and increase efficiency.



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Concept of cloud computing was introduced and how it can make any day to day task quite easy and improve its functioning.

He ended by inspiring us that digitalization is the need of the hour and it can help us overcome a lot of problems.

**c. Outcomes :**

The Concept of IOT Industry 4.0 was Briefly illustrated and explained in the short session by industrial practitioners

**d. Summary of Feedback :**

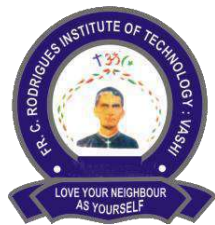
Most of the Students found the session meeting up to their expectations and knowledgeable with all the feedback responses in the category of good and excellent.

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

Seeing the enthusiastic response from the students in this session we plan to take further more sessions covering such high interest topics.

**8. Activity / Event Photograph :**





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**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee: IEEE SB**

- 1. Name of the Activity/Event** : A New look at Energy and Sustainability
- 2. Activity/Event Venue & Date** : Google Meet, 24/10/2020
- 3. Nature of Participants** : IEEE members and students and staff of Agnel's Campus
- 4. Number of Participants** : 59
- 5. Student Coordinators** : Akhilesh Mendon and Shruti Malpure
- 6. Staff Coordinator** : Mrs. Bindu R
- 7. Brief Summary of the Activity/Event (in maximum 500 words):**
  - a. Objectives** :
  - b. Technical Description** :

The IEEE STUDENT BRANCH FCRIT organised a webinar in collaboration with Dr Solanki on “A NEW LOOK AT ENERGY AND SUSTAINABILITY” on 24<sup>TH</sup> October 2020 from 5pm to 6pm. The event was conducted virtually and students from many colleges actively took part in it.

Certain awakening points of deforestation, increased carbon emissions were raised. Detailed analysis of factors causing the same were discussed such as

- High production of automobile industry
- Increased CO<sub>2</sub> emissions of 52 gigaton worldwide per year, etc.

Deep discussion was done on the laws of sustainability of the ecosystem which was then followed by the highlight of his talk namely “THE ENERGY SWARAJ”, which aimed at producing energy at our local levels mainly by educating the local women or people the basics. This would also create self-employment of the people. He explained the necessity and





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urgency to surrender the grid electricity connection and install individual solar panels at our level to be self-sustainable. This will in turn also limit our usage and will be used more efficiently. Which will lead to reduced global warming.

He then talked about the popularisation of this movement which he will be doing by travelling to various places in his self-sustainable collar equipped bus thus setting an example to others to do the same. He also encouraged many young minds to join him in this journey of his.

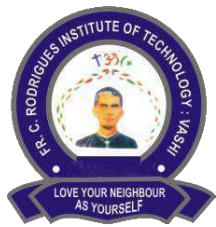
This was then followed by a very interactive and fruitful Q&A session that was conducted courtesy of every enthusiastic participant. The discussion touched upon various topics such as the role of youth in achieving sustainability, striking a balance between necessity & greed when it comes to technological progress and the most important question of forfeiting electricity versus grid connected solar installations.

A total of around 50-60 students participated and each one was handed a Certificate of participation by the IEEE FCRIT SB. The teams who organized this event wait eagerly to lend their efforts to another such success.

**c. Outcomes :**

A successful event that educated many young minds about the necessity of the energy swaraj

**d. Summary of Feedback :**



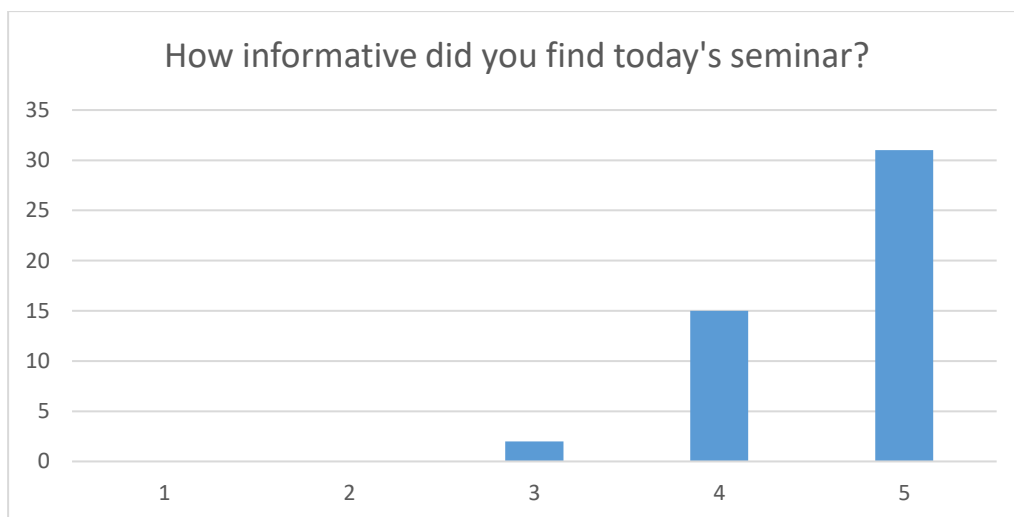
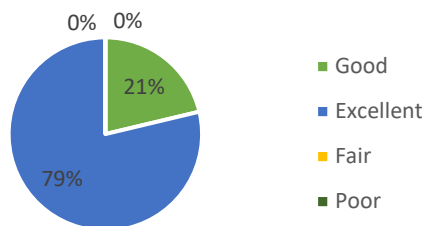
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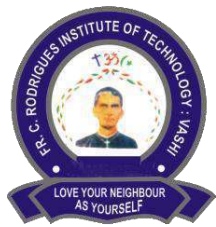
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Please rate the speaker's knowledge about this topic



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

Events that focus on sustainability in technological progress help shape the future of one's career and hence, more events on the same to be conducted.



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#### 8. Activity / Event Photograph :

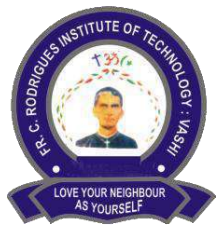


*Solanki Sir during the webinar*



*Glimpse of the webinar*





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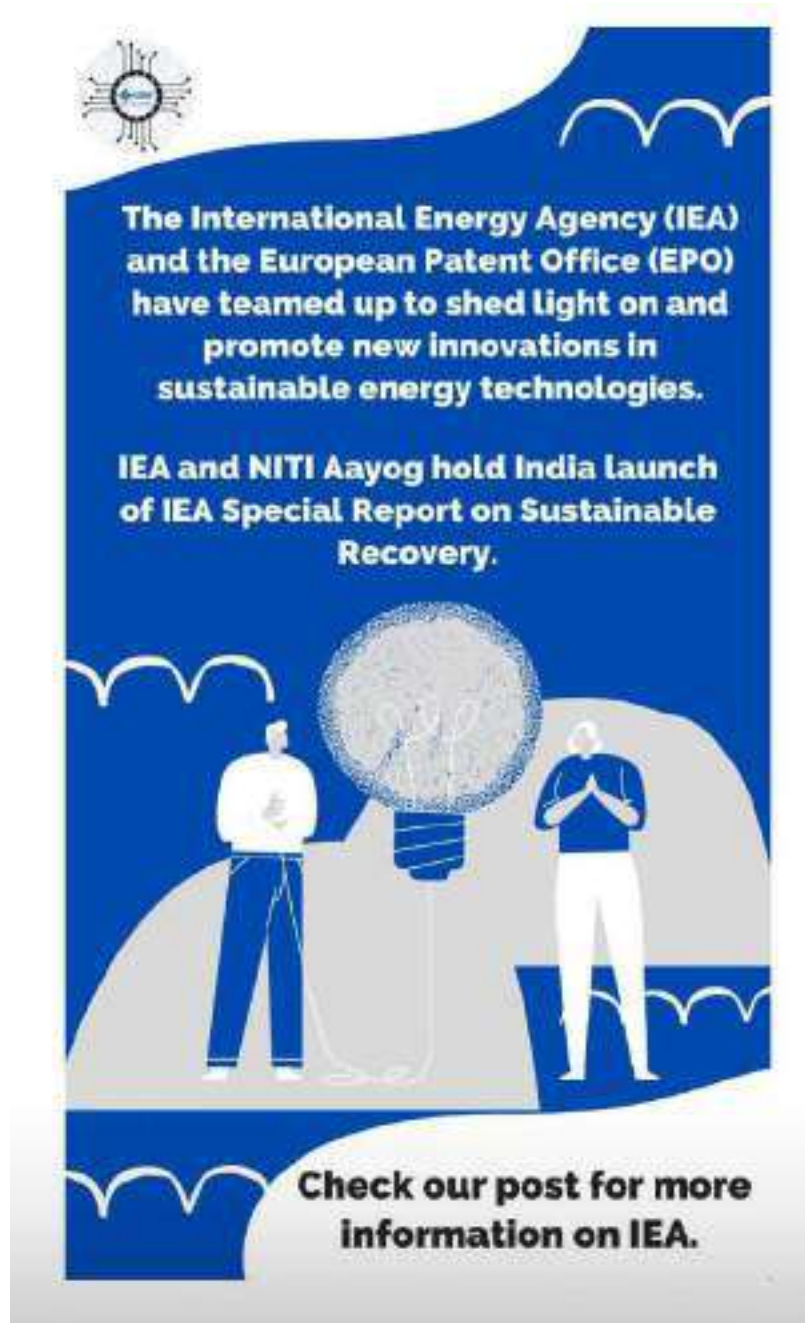
*Q/A Session*

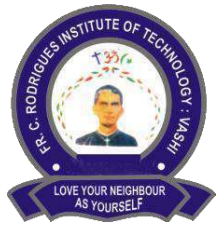




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**Brief Activity/Event Report**

**Name of the Department level Committee: IEI student chapter**

1. **Name of the Activity/Event** : Latex workshop
2. **Activity/Event Venue & Date** : Microsoft Teams, 5<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> December 2020
3. **Nature of Participants** : Final year students
4. **Number of Participants** : 70
5. **Student Coordinators** : Nishil Lathia, Chaitanya Sanjay Thakre,  
Bhavesh, Hariom, Joel Tom shaju
6. **Staff Coordinator** : Mrs. Divya Sajeesh
7. **Brief Summary of the Activity/Event (in maximum 500 words):**
  - a. **Objectives** : To bring to young engineers, the concept of Latex for professional report writing
  - b. **Technical Description** :

A tutorial video based on the PPT developed earlier will be made, with a total length of 15 minutes.  
The PPT is split as:  
Person 1 - Intro to adding images  
Person 2 - Creating list to equation mode  
Person 3 - Greek letters to chapters  
Person 4 - Tables

2. Batch wise session of 2 hours, 3 days long. After completion of each day, we give them 1 assignment which they have to complete. For the 3 day workshops, we will give them 3 tutorial/assignments.

3. Doubt solving sessions will be held each day after the main session to help solve any issues that the students find with their assignments.

4. DAY BY DAY ASSIGNMENT SCHEDULE  
1st day - Write you own CV in LaTeX  
2nd day - Write a Derivation in LaTeX  
3rd day – Write your Project Report in LaTeX (20-25pages)
  - c. **Outcomes** :

Divya S

Dr Bindu S

Staff Coordinator

HOD





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The Concept of Latex and final year report writing in latex was conducted

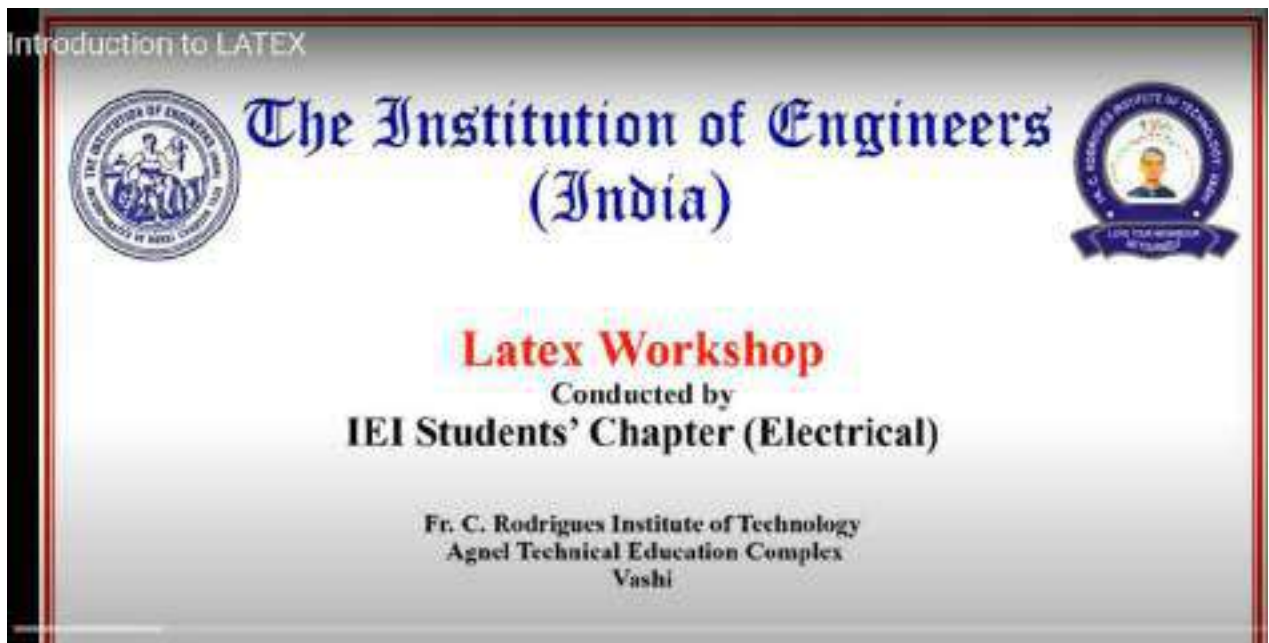
**d. Summary of Feedback :**

Most of the Students found the session meeting up to their expectations and knowledgeable with all the feedback responses in the category of good and excellent.

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

More time has to be allotted for such session

**8. Activity / Event Photograph :**



Divya S

Dr Bindu S

Staff Coordinator

HOD



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Microsoft Teams is presenting

### LATEX: Introduction

- LATEX is a tool used to create professional-looking documents.
- Users can enter plain text and LATEX will take care of the formatting
- It allows a consistent layout across all sections with
  - inputting mathematics,
  - creating tables of contents,
  - referencing and creating bibliographies, and having
- With given templates we just have to add the content.

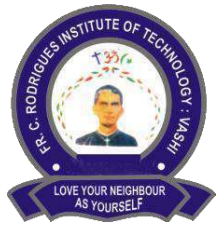
Memory Report 1.docx Memory Report 1.docx

Divya S

Dr Bindu S

Staff Coordinator

HOD



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**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee: IEI student chapter**

1. **Name of the Activity/Event** : Poster Presentation competition
2. **Activity/Event Venue & Date** : Microsoft Teams, 18<sup>th</sup> December 2020
3. **Nature of Participants** : 3<sup>rd</sup> sem students
4. **Number of Participants** : 70
5. **Student Coordinators** : IEI council
6. **Staff Coordinator** : Mrs. Divya Sajeesh
7. **Brief Summary of the Activity/Event (in maximum 500 words):**
  - a. **Objectives** : To enhance students' knowledge with their creative streak and express their ideas
  - b. **Technical Description** :

Poster presentation template was circulated among students for preparing the poster. The poster was prepared based on the mini project . There were total total 15 poster in the competition. The judge for poster presentation was Mr. Shashank Push, a research scholar from IIT Bombay. The poster with title "Light control using proximity sensor" bagged the first position and "Night Vision Camera" won the second position.
  - c. **Outcomes** : They were able to show case their ideas and presentation skills
  - d. **Summary of Feedback** : Most of the Students found the session useful and knowledgeable.
  - e. **Action to be Taken based on Feedback:** Many such competition has to be conducted.

**8. Activity / Event Photograph :**

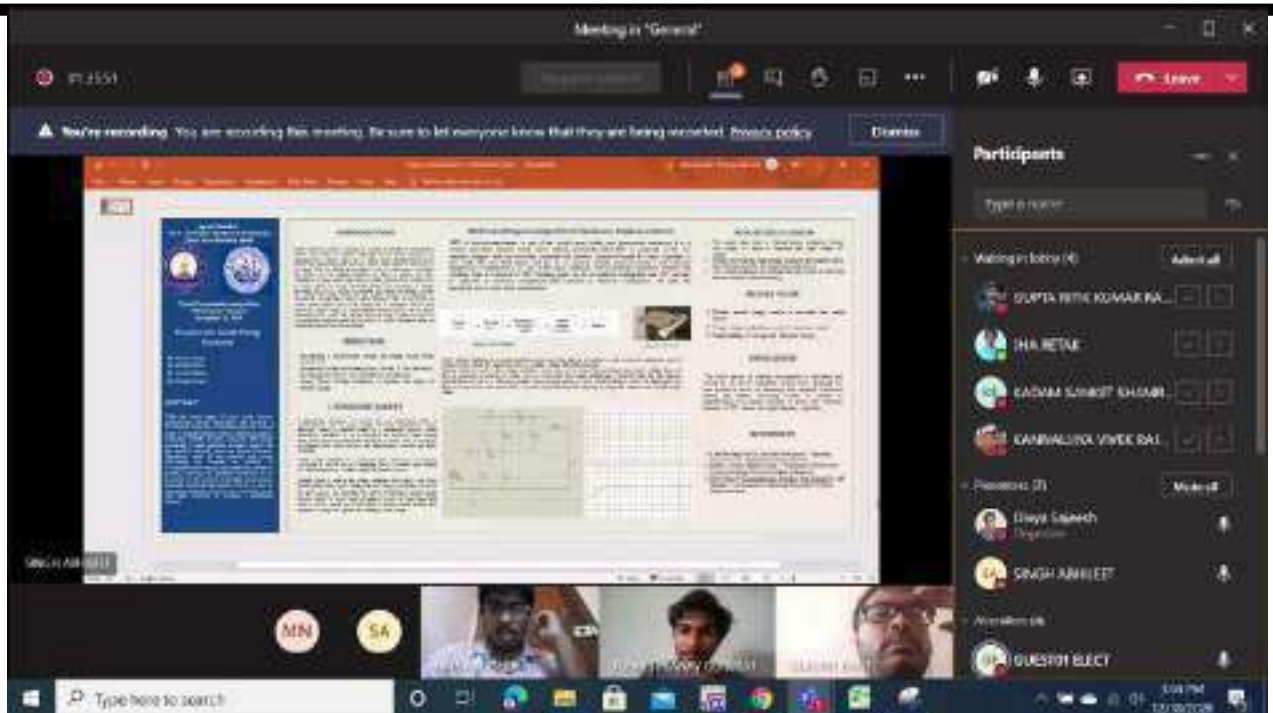


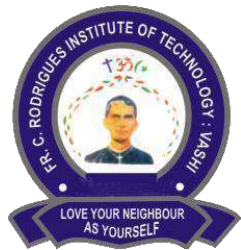


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## **Department of Electrical Engineering**

Sector - 9A, Vashi, Navi Mumbai – 400 703, INDIA.

Telephone: 022-2777 1000, 2766 1924, 2766 0618. Fax: 2766 0619

Website: [www.fcrit.ac.in](http://www.fcrit.ac.in)

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

1. **Name of the Activity/Event** : “Indoor Content Creation Event”

1. **Activity/Event Venue & Date** : 5 Oct 2020

2. **Nature of Participants** : Students of sem 3,5

3. **Number of Participants** : 6 groups

4. **Student Coordinator** : EESA council

5. **Staff Coordinator** : Mrs. Harshada Bhosale

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

a. **Objectives** :

- 1.To bring out the creative side of students
- 2.To engage students positively in lock down
- 3.To develop event management skills of EESA students

b. **Technical Description** :

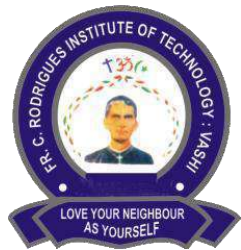
A short video making competition was arranged for Electrical students of maximum 10 min duration. Students had to make a short video on social or entertainment or both and send maximum by 15<sup>th</sup> October 2020. Best video in each category was selected.

c. **Outcomes** :

- 1.Participating students got a platform to display their creative side
- 2.Awareness among students about social causes increased
- 3.EESA students could display their event management skills.

d. **Summary of Feedback** : Competition so feedback was not taken.

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



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### 7. Activity / Event Photograph :



**Winners of Video making under social and entertainment cause**



**Videos submitted**

**Lennard Felix**

Student Coordinator

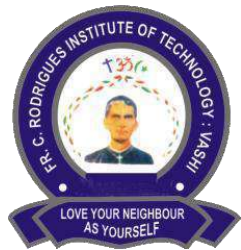
**Mrs.Harshada Bhosale**

Staff Coordinator

**Dr.Bindu S.**

HOD





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### Brief Activity/Event Report

1. **Name of the Activity/Event** : “Living with Covid 19”
2. **Activity/Event Venue & Date** : Online Google Meet/ 15<sup>th</sup> August 2020
3. **Nature of Participants** : Students of sem 3,5,7 / Staff of Electrical
4. **Number of Participants** : 63 / 1
5. **Student Coordinator** : EESA council
6. **Staff Coordinator** : Mrs. Harshada Bhosale
7. **Brief Summary of the Activity/Event (in maximum 500 words):**
  - a. **Objectives** : Increase awareness about Covid 19. Stay safe and protected.
  - b. **Technical Description** :

A free online session on awareness about Covid 19 was arranged on Google meet. The session was taken by Dr. Ketan Pakhale, MD( General Medicine) Asstt. Prof., D.Y.Patil hospital, navi Mumbai. He briefed the participants about how the virus spreads, how to take care to prevent infection and cleared the misconceptions about the virus.
  - c. **Outcomes** :
    1. Management skills by the student council members
    2. Arranging online session and resource person
    3. Participants benefitted by getting authentic information on Covid 19 from MD doctor and cleared their doubts.

#### d. Summary of Feedback : Total responses – 54

Sr.No.	Questions	5	4	3	2	1
1	How much satisfied were you with the event?	31	20	2	0	1
2	How beneficial was the webinar to live with the current Covid-19 ?	30	20	3	0	1
3	How would you rate the organisation and management of the session on a scale of 1-5?	31	21	1	0	1
4	How well was the event structured ?	34	14	4	1	1

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

Student Coordinator

Staff Coordinator

HOD



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### 8. Activity / Event Photograph :



**Lennard Felix**

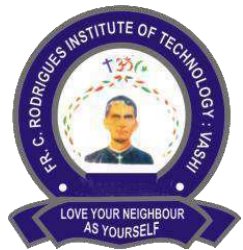
Student Coordinator

**Mrs. Harshada Bhosale**

Staff Coordinator

**Dr. Bindu S.**

HOD



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### Brief Activity/Event Report

1. **Name of the Activity/Event** : “Free Online Yoga session”
2. **Activity/Event Venue & Date** : Google meet/ August 2
3. **Nature of Participants** : Students of Sem 3 and 5 / Staff of Electrical
4. **Number of Participants** : 24 students /3 staff
5. **Student Coordinator** : EESA council
6. **Staff Coordinator** : Mrs. Harshada Bhosale
7. **Brief Summary of the Activity/Event (in maximum 500 words):**

**a. Objectives :**

Online session on Yoga arranged for students to improve concentration, physical and Mental fitness.

**b. Technical Description :**

Under EESA 2020-21 a free online session on “Yoga for Physical and Mental health” was arranged for Electrical students. The session was taken by Ms. Sheetal Malhotra, Disha Yoga. Majorly students from sem 3 and 5 participated for the session. Some Yoga techniques to improve concentration and maintain physical and mental health were taught by the Yoga instructor.

**c. Outcomes :**

1. Management skills by EESA council students
2. Participants got experience of some yogic asanas and pranayam techniques.

**d. Summary of Feedback : Total 27 responses**

Sr.No.	Questions	5	4	3	2	1
1	How satisfied were you with the event?	19	8	0	0	0
2	How effective was the session in giving you practical insights of Yoga?	20	6	1	0	0
3	How would you rate the organisation and management of the session on a scale of 1-5?	18	8	0	1	0
4	how well was the event structured ?	20	5	1	1	0

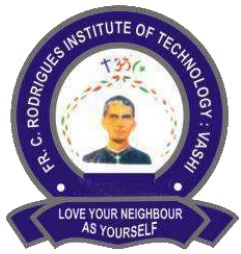
**e. Action to be Taken based on Feedback:**

Student Coordinator

Staff Coordinator

HOD





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### 8. Activity / Event Photograph :



Lennard Felix

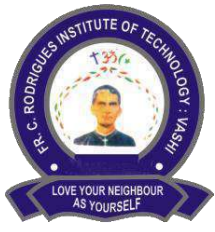
Mrs. Harshada Bhosale

Dr. Bindu S.

Student Coordinator

Staff Coordinator

HOD



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**FH 2021**



**REPORT**

# **Power Electronic Systems and its Real Time Control Implementation in DSP**

**8<sup>th</sup> to 12<sup>th</sup> November 2021:**

**Organized by**

**Department of Electrical Engineering,  
Agnel Charities'**

**Fr. C. Rodrigues Institute of Technology,  
Vashi**





## **Power Electronic Systems and its Real Time Control Implementation in DSP**

Five Day's AICTE sponsored workshop was conducted from 8<sup>th</sup> to 12<sup>th</sup> November 2021 in which 188 participants from different parts of the country were approved.

The speakers for the 5-day workshop on “Power Electronic Systems and its Real Time control Implementation in DSP” were:

Dr. Vivek Agarwal, Professor, IIT Bombay	
	<p>Professor (Institute chair professor), IIT Bombay.</p> <p>Ph.D. (Electrical Engg.): University of Victoria, British Columbia,</p> <p>Field of Interest: Power conversion, Power quality issues, non-conventional energy, Intelligent control of power electronic systems Advanced control schemes, DSP and FPGA based control, EMI.</p>
Dr. Sujit K. Biswas, Professor, STCET, Kolkata	
	<p>Professor, HOD, Electrical Engineering, STCET, Kolkata.</p> <p>PhD from the Indian Institute of Science, Bangalore.</p> <p>Area of Specialization: Power Electronics &amp; Drives</p>
Dr. Umanand L., Professor, IISC	
	<p>Professor: Indian Institute of Science Bangalore.</p> <p>Ph.D from CSIR-NIIST, Trivandrum, Kerala</p> <p>Expertise: Power electronics - Renewable energy systems, photovoltaic based systems, bond graph modelling.</p>
Dr. Prajof P., Assistant Professor, NITK	
	<p>Assistant Professor, NIT Suratkal.</p> <p>PhD from Indian Institute of Technology Bombay</p> <p>Areas of Interest: Power Electronics Applications in Renewable Energy and Electric Vehicles, Power Conversion: New converter topologies, Design and Control of Power Electronic Converters (dc-dc, dc-ac, etc.), DC Microgrids</p>

## Dr. Shreelakshmi L., Assistant Professor, NITC



Assistant Professor, NIT Calicut.

PhD Indian Institute of Technology Bombay

Areas of Interest: Power Electronics Applications in Renewable Energy, EV Technology, Super capacitors.

## Dr. Sushil Thale, Professor, FCRIT, Vashi



Professor & Dean (R&D), Fr. C. Rodrigues Institute of Technology, and Co-Founder & Director, Navavidha Techsolutions Pvt Ltd.

PhD Indian Institute of Technology Bombay

Specialties: Electric Vehicle Chargers and Drive, Microgrids, Renewable Energy, LED lighting, Power Electronics

## Dr. Amit kumar Gupta, L&T, Mumbai



Specialist (Technical Manager) in L&T Technology Services LTD.

PhD from Indian Institute of Technology Bombay

Areas of Interest: Power Electronics Applications in Renewable Energy

## Mr. M. Madhubabu, Robert Bosch Engg. & Business Solutions



Sr. Reliability Engineer, Robert BOSCH Engineering and Business Solutions Pvt. Ltd., Bangalore.

M.Tech in Reliability Engineering from IIT Bombay

## Dr. Abdul Rasheed, Principal, MCE



Principal, Musaliar College of Engineering, Chirayinkeezhu, Kerala

PhD in Cryogenic Engineering from IIT Kharagpur

Also, a Coordinator of NetProFaN Kerala, an FSSAI Initiative for the Implementation of Eat Right Movement

Prof. Harshal Wani, Assistant Professor, GEC, Valsad	
	<p>Assistant Professor, Power Electronics at Government Engineering College, Valsad</p> <p>M Tech- Electrical-Power electronics and power system</p> <p>Expertise: Power Electronics, Microcontroller, DSP, SiC Devices</p>
Dr. Shreenivas Jog, Professor, DIT, Pimpri	
	<p>Professor, E&amp;TC at Dr. D. Y. Patil Institute of Tech. Pimpri,</p> <p>Ph.D.(E&amp;TC), College of Engineering Pune.</p> <p>Developed expertise in design and implementation of Ruggedised / Robust Electronic Products / Communication systems compatible with EMI/EMC, Environmental and Dynamic Standards for Defence, Automotive &amp; Industrial Applications.</p>
Dr. Dipankar Debnath, Assistant Professor, IITKgp	
	<p>Assistant Professor, Electrical Engineering, IIT Kharagpur</p> <p>Ph.D from the Department of Electrical Engineering, IIT Bombay,</p> <p>Research Interests : solar photovoltaic (PV) systems, Electric Vehicle: power converter and motor design, multi-functional, decentralized inverter schemes for grid integration of renewable energy sources, design of integrated converter topologies for renewables, load emulators, etc.</p>
Dr. Subhendu Dutta, Assistant Professor, IITD	
	<p>Centre for Energy Studies (CES), IIT Delhi</p> <p>Ph.D degree in electrical engineering from the Department of Electrical Engineering, IIT Bombay,</p> <p>Research Interests : Application of Power Electronics in Solar PV Systems, AC-DC Hybrid Nanogrid System, High Freq. Switching Converter Design, EV charging</p>
Dr. Ramsha Karampuri, Assistant Professor, VNIT	
	<p>Assistant Professor, Department of Electrical Engineering, Visvesvaraya National Institute of Technology, Nagpur</p> <p>Ph.D. (Electrical), NIT, Warangal</p> <p>Areas of Interest: Power Electronics, Electrical Drives, Multiphase Machines, Renewable Energy Systems</p>



The schedule of the workshop was as below-

**AICTE (ATAL) Sponsored Faculty Development Program (online) on**  
**"Power Electronic Systems and its Real Time Control Implementation in DSP"**  
 (Duration: 08/11/2021 to 12/11/2021)  
 Organized by  
**Department of Electrical Engineering**  
**Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai**  
**Program Schedule**





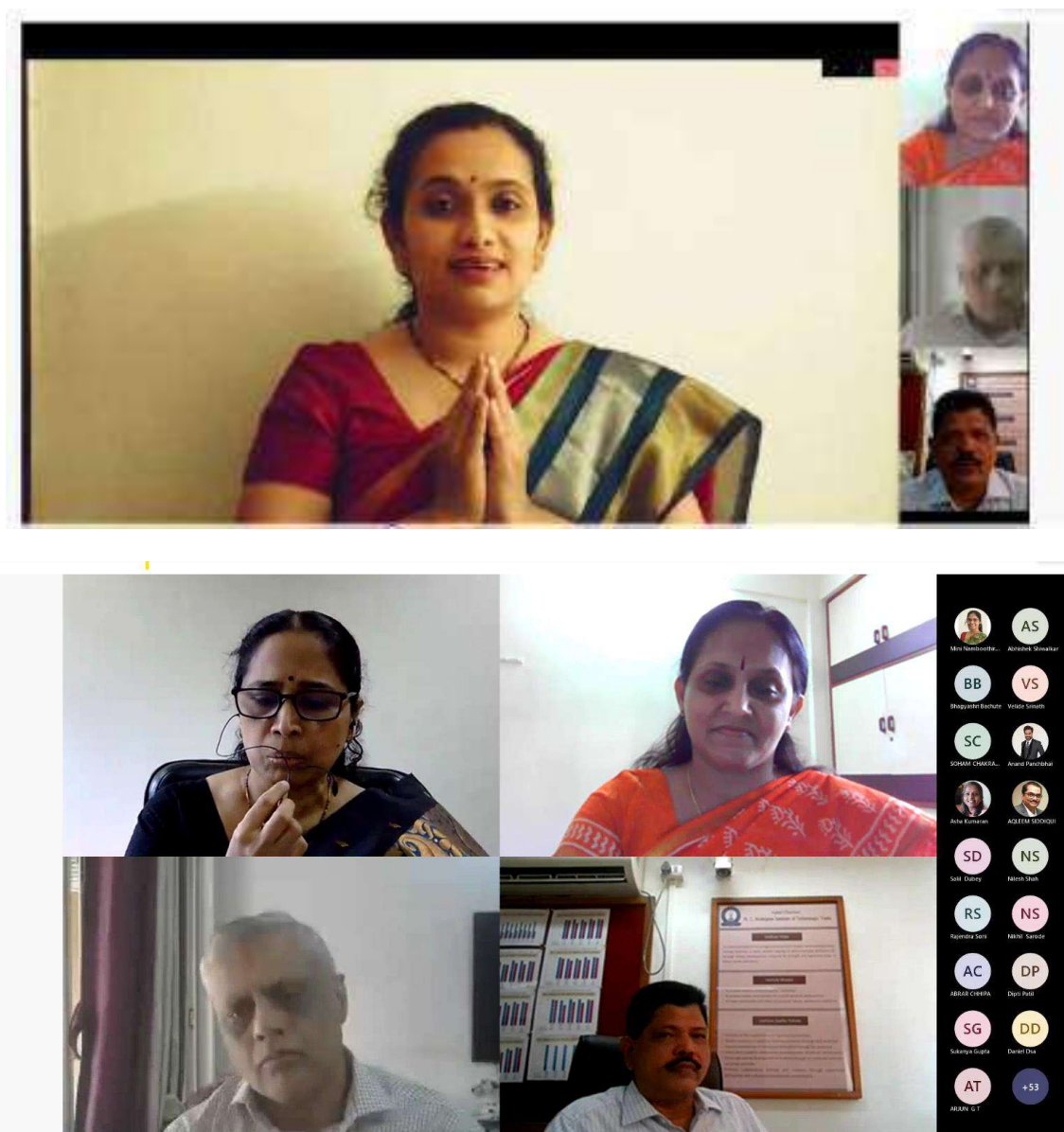
Date	Time Slot				
	9:15 AM to 11:15 AM	11:15 AM to 11:30 AM	11:30 AM to 13:30	13:30 to 14:30	14:30 to 16:30
Day - 1 08/11/2021	Inauguration (9.15-9.45am) Session – 1 Power Electronics Systems and its Applications <b>Dr. Vivek Agarwal, IITB</b>	Tea Break	Session – 2 Practical Considerations in Power Electronic Converters <b>Dr. Sujit K. Biswas, STCET, Kolkata</b>	Lunch Break	Session – 3 Control of Power Electronic Converters <b>Dr. Umanand L., IISC</b>
Day - 2 09/11/2021	Session – 4 Basics of Digital Signal Processor (DSP) <b>Dr. Prajati P., NITK</b>		Session – 5 Programming of DSP <b>Dr. Shreedakshmi L., NITC</b>		Session – 6 Interface design-DSP & PE Systems <b>Dr. Sushil Thale, FCRIT</b>
Day - 3 10/11/2021	Industry Session – 7 PCB design Considerations <b>Dr. Amit Kumar Gupta, L&amp;T, Mumbai</b>		Industry Session – 8 Reliability of PE systems <b>Mr. M. Madhuhaban, Robert Bosch Engg. &amp; Business Solutions</b>		Session – 9 Health and Happiness <b>Dr. Abdul Rasheed, Principal, MCE</b>
Day - 4 11/11/2021	Session – 10 Simulation Tools for Implementation of PE systems <b>Prof. Harshal Wani, GEC, Valsad</b>		Session – 11 EMI Issues of Power Electronic Systems <b>Dr. Shreenivas Jog, DIT, Pimpri</b>		Session – 12 DSP Implementation of SPV based off-grid system & battery back up <b>Dr. Dipankar Debnath, IITKgp</b>
Day - 5 12/11/2021	Session – 13 DSP Implementation of control strategy of grid inverter <b>Dr. Subbendu Dutta, IITD</b>		Session – 14 Implementation Issues of PE systems in DSP <b>Dr. Ramsha Karampuri, VNIT Nagpur</b>		Test, Feedback and Valediction

Coordinators: Dr. Mani Rajeev, Dr. Mani Namburthipad, Mr. Abhishek Shewalkar

The inauguration was held on 8th November 2021 online at 9.15 am. Chief Guest and the keynote speaker of the program was Dr. Vivek Agarwal, Professor, IIT Bombay. Rev. Fr. Almeida (Managing Director, Agnel charities Vashi), Dr. S. M. Khot (Principal, Fr. C. Rodrigues Institute of Technology, Vashi) and Dr. Bindu S. (HOD, Department of Electrical Engg. FCRIT, Vashi) were also present with the participants for the inaugural function.

Dr. Mini Rajeev, ATAL-FDP Coordinator, welcomed the Chief Guest, other dignitaries and the participants to the inaugural function and spoke about the selection of the topic. Dr. Bindu S., HOD, addressed the participants about online FDP and various initiatives by Electrical department of F. C.R.I.T Vashi. Dr. S. M. Khot discussed about the initiatives of FCRIT and Rev. Fr. Almeida talked about the importance of faculty development programs to achieve the quality education and the role of ATAL academy of AICTE to enhance the knowledge of faculties. It is followed by the keynote address of Dr. Vivek Agarwal and then the Vote of Thanks by Dr. Mini Namboothiripad, Co-coordinator.

**Some screenshots of the inaugural function are as below.**







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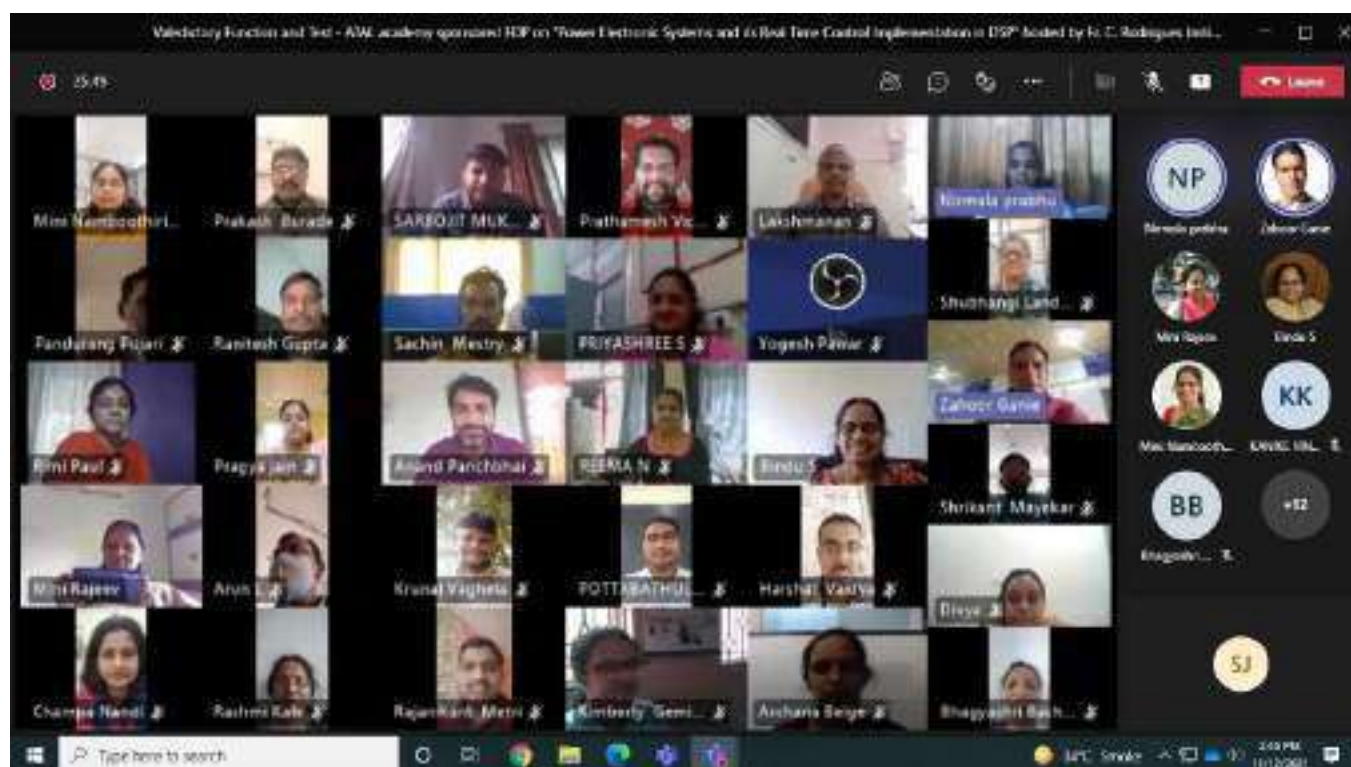
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160	Mrs. Bhagyashri Amol Bachute	mane.bhagyashree5@gmail.com	8856933397	shree siddheshwar womens college of engineering	MAHARASHTRA
161	Mr. Arun Kumar U	arun.udayakumarn@gmail.com	9751268064	Kathir College of Engineering	TAMIL NADU
162	Mr. Manivannan S	manivannans@bitsathy.ac.in	9787404104	Bannari Amman Institute of Technology	TAMIL NADU
163	Mr. DEEPAK SINGH	2020ree9532@mniit.ac.in	8273739323	MNIT JAIPUR	UTTAR PRADESH
164	Mr. Rahul Dattatray Patil	2020ree9535@mniit.ac.in	9373374548	Malaviya National Institute of Technology Jaipur (MNIT)	RAJASTHAN
165	Mr. Surapu Prasada Rao	prasad.surapu@gmail.com	8919669902	MNIT Jaipur	ANDHRA PRADESH

166	Mr. Anil Jakhar	2020ree9026@mni t.ac.in	8824478746	Malaviya National Institute of Technology, Jaipur	RAJASTHA N
167	Mr. hitwik singh	2020ppd5537@mni t.ac.in	9953367130	malaviya national institute of technology jaipur	UTTAR PRADESH
168	Mr. Amar Nath Chaurasiya	2020ppd5465@mni t.ac.in	7800219949	MNIT Jaipur	UTTAR PRADESH
169	Mr. upendra kumar yadav	upendraiesee@yah oo.com	7905407243	MNIT Jaipur	RAJASTHA N
170	Mr. G K NAVEEN KUMAR	2020ree9544@mni t.ac.in	9717361624	MNIT JAIPUR	ANDHRA PRADESH
171	Mrs. Pournima Pankaj Patil	pipatil@kkwagh.ed u.in	9420112041	K.K.W.I.E.E.R. Nashik	MAHARAS HTRA
172	Mr. ABRAR AHMED CHHIPA	abrar0613@gmail.c om	9887771217	Techno India NJR Institute of technology, Udaipur	RAJASTHA N
173	Mrs. Sonal Shashikant More	sonalmore555@gm ail.com	9881870031	Shree Siddheshwar Womens College of Engineering solapur	MAHARAS HTRA
174	Mr. POTTABATHUL A RAVITEJA	raviteja.mlr123@g mail.com	9676395020	MLR INSTITUTE OF TECHNOLOGY	TELANGA NA
175	Mrs. Abhale Babasaheb Annasaheb	atul.abhale@gmail. com	9096549454	SND College of Engineering and Research Center	MAHARAS HTRA
176	Mr. Harshal Dattatray Vaidya	vaidyahd21@gmail. com	9689610415	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune	MAHARAS HTRA
177	Mrs. Laxmibai	laxmi.r1990@gmail .com	8618294346	GECW,Kalaburgi	KARNATA KA
178	Mr. Shrikant Mayekar	shrikant.mayekar@ fcrit.ac.in	7021223199	FCRIT	MAHARAS HTRA
179	Mr. SHASHANK JAYANT SHUKL	shashank.s@fcrit.a c.in	9768772934	FCRIT	MAHARAS HTRA
180	Mr. ABHISHEK KANCHAN SHIWALKAR	abhishek0364@gm ail.com	9923362190	Fr. C.Rodrigues Institute of Technology, Vashi, Navi Mumbai	MAHARAS HTRA



181	Mr. ARJUN G T	gta@mcehassan.ac.in	7019080620	Malnad College of Engineering, Hassan	KARNATAKA
182	Mr. Salil Madhav Dubey	salil.dubey3107@gmail.com	8238753927	IIT Bombay	MAHARASHTRA
183	Mr. Yadagiri Aerpula	Yadagiri.aerpula@mlrinstitutions.ac.in	9030262125	MLR Institute of Technology	TELANGANA
184	Miss MADHURI BODDIREDDY	madhuri.boddhiredy@gmail.com	8099788020	MLR INSTITUTE OF TECHNOLOGY	TELANGANA
185	Miss Vijayalakshmi K	vijik.rk@gmail.com	9884892302	SRMIST	TAMIL NADU
186	Mrs. Mrs G SAI MEGHANA	saimeghanaeeee@gmail.com	9110557631	MLRIT	TELANGANA
187	Mr. Mr M Sreenivas Reddy	sreenivasareddy.mula@mlrinstitutions.ac.in	9848816520	MLRIT	TELANGANA
188	Mr. Harshal Sharadbhai Wani	hwani2288@gmail.com	9714942242	Government Engineering College Valsad	GUJARAT

**The screenshot of the participants taken during the valedictory function is: -**



Some of the feedback received for the workshop are as below:

+91 97874 04104 –Manivannian

Thank you all, Its wonderful experience. I have submitted both feedback and an online test. Once again thank you all.

15:14

+91 6380 704 137 –Chitralekha

Thank you all for organizing this wonderful session,I thoroughly enjoyed it.I have submitted the feedback mam, when will we get the certificates ?

15:18

+91 78002 19949 –Amar

Thank you ma'am...  
For this wonderful lectures that's really helpful for our research areas...

15:18

Seema Jadhav Fcrit

Thank you for organizing this FDP and congratulations to the organizing team



15:44

+91 91484 68179 –Shivabasappa Biradar

Thank you all, Its wonderful experience. I have submitted both feedback and an online test. Once again thank you all.very informative & helpful session 🙏

15:46

+91 98219 55344 –Chaitanya Jage

Thank you for organizing this FDP and congratulations to the organizing team ...



15:47

+91 95352 73435 –Narain Kumar

Thank you all, its wonderful experience. I have submitted both feedback and an online test. Once again thank you all.very informative & helpful session 🙏

15:48

Timestamp	1. Name of Participant	2. Your FDP email id	3. How do you rate speaker's knowledge on the topic? (5 is highest)	4. Please rate the content of slides/virtual aids (5 is highest)	5. Please rate your overall experience of the Session (5 is highest)	6. Any other comments
2021/11/10 11:01:50	Mahalakshmi Patil	fdpelect141@fcrit.ac.in	5	5	5	It was good session

# ATAL FDP on Power Electronic Systems and its Real Time Control Implementation in DSP

AM GMT+5:30						
2021/11/10 11:02:08 AM GMT+5:30	NAGARAJA BODRAVARA	yashu200807@gmail.com	5	5	5	NICE SESSION THANK YOU
2021/11/10 11:02:16 AM GMT+5:30	Vaghela Krunal R	fdpelect108@fcrit.ac.in	5	5	5	Informative session on basics of designing a PCB
2021/11/10 11:04:28 AM GMT+5:30	Archana Belge	fdpelect52@fcrit.ac.in	5	4	5	Very Detailed Information about PCB design delivered.
2021/11/10 11:04:51 AM GMT+5:30	JEET DUTTA	fdpelect138@fcrit.ac.in	5	5	5	Well explained.
2021/11/10 11:05:19 AM GMT+5:30	Dr Priyashree S	priyashrees@bnmit.in	5	5	5	Very unique session, informative and most required for understanding of basics of PCB and hardware configuration of PE
2021/11/10 11:05:19 AM GMT+5:30	SMITHA JOSEPH	fdpelect153@fcrit.ac.in	5	5	5	Very Informative
2021/11/10 11:05:20 AM GMT+5:30	Mr. Chaitanya Sudhakar Jage	fdpelect109@fcrit.ac.in	5	5	5	Good session
2021/11/10 11:06:01 AM GMT+5:30	S.Ramprasath	fdpelect135@fcrit.ac.in	5	5	5	Very good session with lot of practical examples. Thank you sir
2021/11/10 11:06:47 AM GMT+5:30	Dr. Nilesh V. Shah	fdpelect154@fcrit.ac.in	5	5	5	Excellent Insight about considerations for PE PCB designing
2021/11/10 11:08:10 AM GMT+5:30	Ramesh G B	rameshgb@git.edu	5	5	5	Very nice session, this topic was very new to me. thank you Sir
2021/11/10 11:19:27 AM GMT+5:30	T.R.Guruprasaad h	fdpelect81@frcit.ac.in	5	5	5	It was a great session and the very small inductance and the capacitor along with the gate resistor which creates a ringing effect and



seeing it practically in the dso was also nice.

Valedictory Session:





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**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee: Electrical Engineering**

1. **Name of the Activity/Event** : VIDYUT
2. **Activity/Event Venue & Date:** Online – 25/2/2021
3. **Nature of Participants** : BE students.
4. **Number of Participants** : 79
5. **Student Coordinator** : Rahul Kalva
6. **Staff Coordinator** : Mr. Abhishek Shiwalkar
7. **Brief Summary of the Activity/Event (in maximum 500 words):**

Topic Name- Professional Ethics.

Name of the speaker- Ms. Prachi Salvi

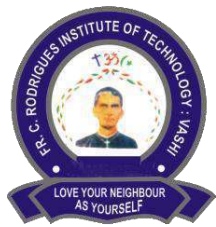
Manager, Business Ethics and Compliance,  
Lupin Ltd, Mumbai.

- a. **Objectives** : Students should be aware about Professional Ethics as will be part of industry in future.
- b. **Technical Description** : Webinar conducted online using MS Team Platform.
- c. **Outcomes** : Knowledge of this topic will be helpful for life long learning and students will understand their responsibilities as an Engineer and working professional.
- d. **Summary of Feedback** :

Sr No	Questionnaire	5	4	3	2	1
1	How relevant the lecture was to assess the need of Professional Ethics in professional life ?	45	27	7	-	-
2	How effective the talk was to make awareness about different roles and responsibilities in Industry?	43	30	6	-	-
3	How will you rate your understanding about the Ethical Values to be followed in professional life ?	47	23	12	-	-
4	Average rating	45	26.66	8.33	-	-

Abhishek S.  
Staff Coordinator

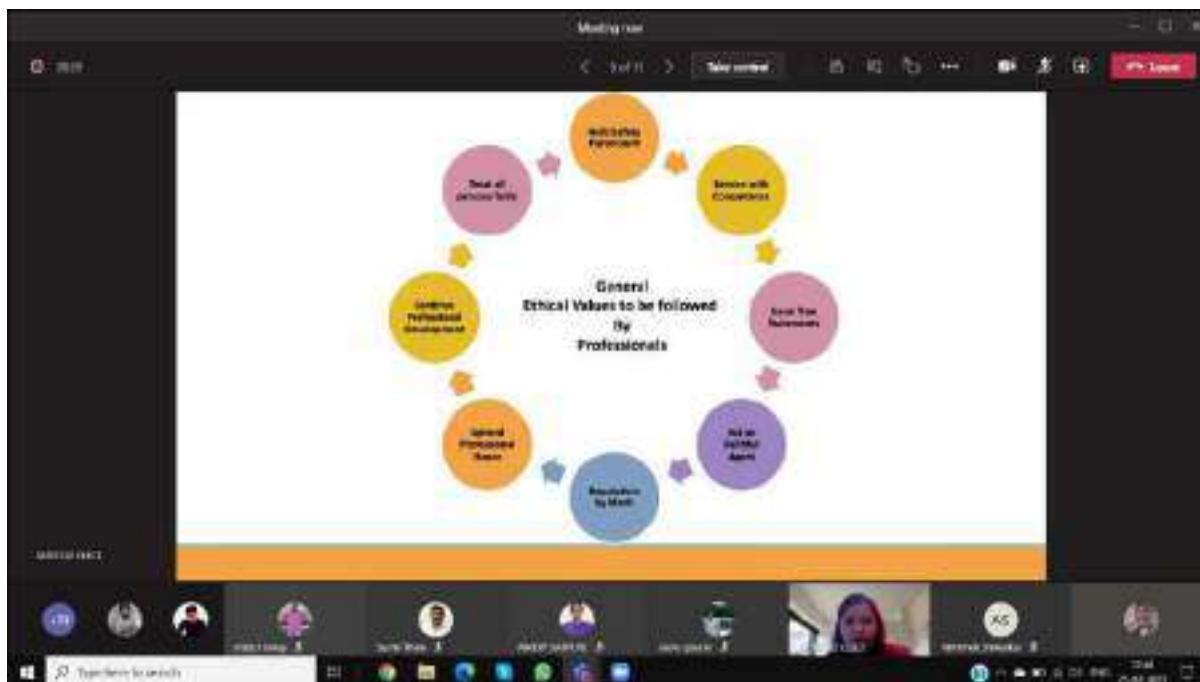
Dr. Bindu S  
HOD



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e. Action to be Taken based on Feedback: Nil

8. Activity / Event Photograph :



**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee: Electrical Engineering**

1. Name of the Activity/Event : VIDYUT
2. Activity/Event Venue & Date : Online Teams – 25/2/2021
3. Nature of Participants : SE and TE students.
4. Number of Participants : 109
5. Student Coordinator : Yashwant Patil
6. Staff Coordinator :Mr. Abhishek S.
7. Brief Summary of the Activity/Event (in maximum 500 words):

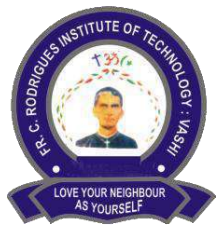
**Topic Name-** “Financial Literacy”

**Name of the speaker** - Ms. Shikha Mittal , Founder and Director, Be.artsy

Abhishek S.  
Staff Coordinator

Dr.Bindu S  
HOD





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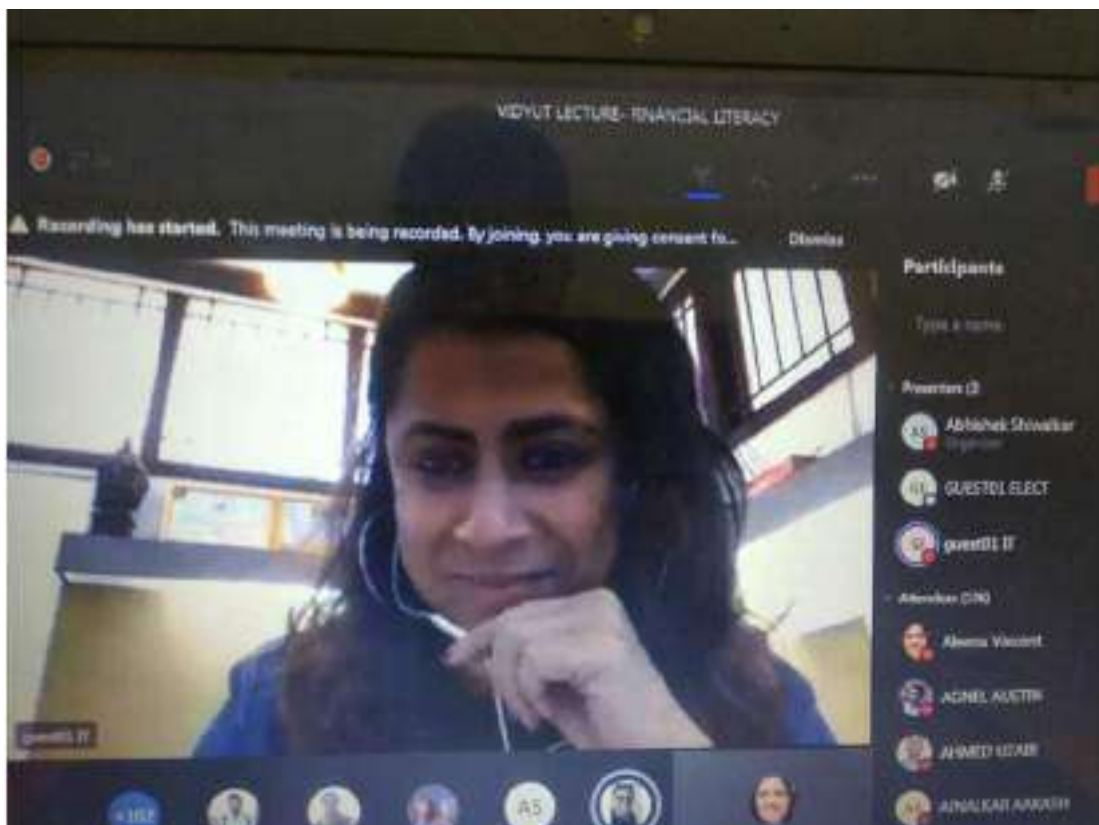
### *Vashi, Navi-Mumbai*

- A. Objectives** : Students should be aware about Financial Literacy
- B. Technical Description** : Webinar conducted online using MS Team Platform.
- C. Outcomes** : Knowledge of this topic will be helpful for life long learning and students will understand the importance of Financial aspects of Projects.
- D. Summary of Feedback** :

Sr No	Questionnaire	5	4	3	2	1
1	How important it is for an Engineering graduate student to be financial literate?	67	25	4	1	1
2	How would you rate your ability in understanding financial aspects of Engineering activity?	24	52	20	-	2
3	How would you rate your ability in comparing between different proposals based on cost for an Engineering activity?	23	49	25	-	1
4	Average rating	38	42	16.33	1	1.33

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

**9. Activity / Event Photograph :**



Abhishek S.  
Staff Coordinator

Dr.Bindu S  
HOD



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*Vashi, Navi-Mumbai*

**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee:**

1. Name of the Activity/Event : Online Industrial Visit at MSEDCL Kalyan.
2. Activity/Event Venue & Date : 03/09/2021
3. Nature of Participants : Students of TE (Sem-V) and BE (Sem-VII).
4. Number of Participants : 144
5. Student Coordinator : Vijay Shinde and Zarif Mohd.
6. Staff Coordinator : Abhishek Shiwalkar
7. Feedback from students :

**TE-SEM V**

Sr No	Questionnaire	5	4	3	2	1
1	How relevant was the industrial visit to relate your theoretical knowledge of Power System?	47	17	4		
2	How do you rate your knowledge gained from online industrial visit to MSEDCL Kalyan ?	36	25	6	1	
3	Average rating	41.5	21	5	0.5	

**BE-SEM-VII**

Sr No	Questionnaire	5	4	3	2	1
1	How relevant was the industrial visit to relate your theoretical knowledge of Power System?	35	25	10		
2	How do you rate your knowledge gained from online industrial visit to MSEDCL Kalyan ?	40	15	14	1	
3	Average rating	37.5	20	12	0.5	

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

- a. Objectives : Main objective behind arranging industrial visit is students can correlate theoretical knowledge with practical knowledge. Students learned which equipment are used in substation and their function, location in substation in detail.

Staff Coordinator

HOD



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- b. **Technical Description** : The industrial visit was arranged in online mode because of Pandemic situation through Microsoft teams. Two students and one lab assistant visited MSEDCCL Kalyan to show live industrial visit to all students.

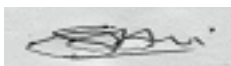
The switching station Located in kalyan near Lokdhara which is responsible for distributing Power to various Distribution Transformers of Kalyan zones. Switching Station is just used for taking multiple Feeders and capable of giving protections against any fault occurring in the feeders and Buses. The Protections are Provided by Lightning Arrestors which is located at the incoming side and the Protection against rest all other faults are given by Vacuum circuit breaker which has a very high-speed Arc Quenching properties under the voltage level of 33kV. The Isolator (Gang Operated Device) is employed for the taking necessary maintenances of Circuit Breaker. For the station supply, the station Transformer is used with Isolator and Drop Out fuse for the Protection purpose.

Gas insulated switching station which is extensively used now a days because of the space constraints in the modern world. Also, the operation sequence for the operation of circuit breaker have been studied. The batteries used for providing backup supply and the battery charger have also been studied.

- c. **Outcomes** : Students learned
- Basic equipment used in substation.
  - How equipment are installed and their location in substation.
  - Use of batteries and battery chargers for providing backup supply.

**9. Activity / Event Photograph :**

Type text here



Staff Coordinator

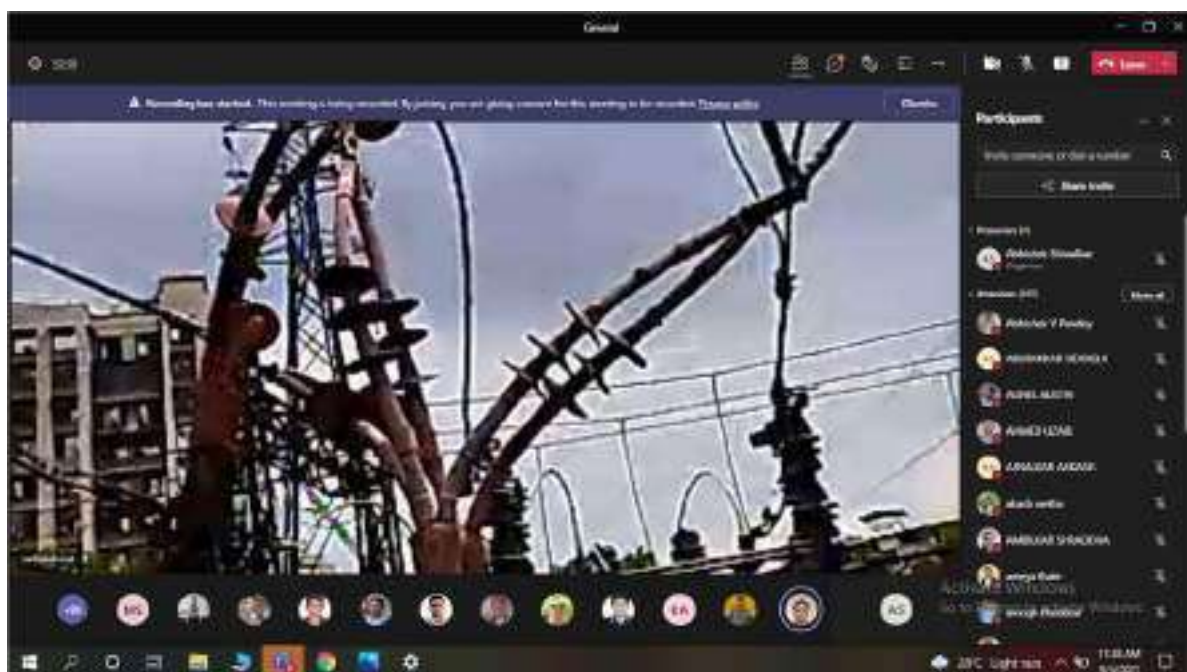
*Bindus*

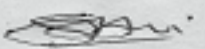
HOD

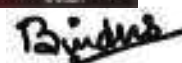




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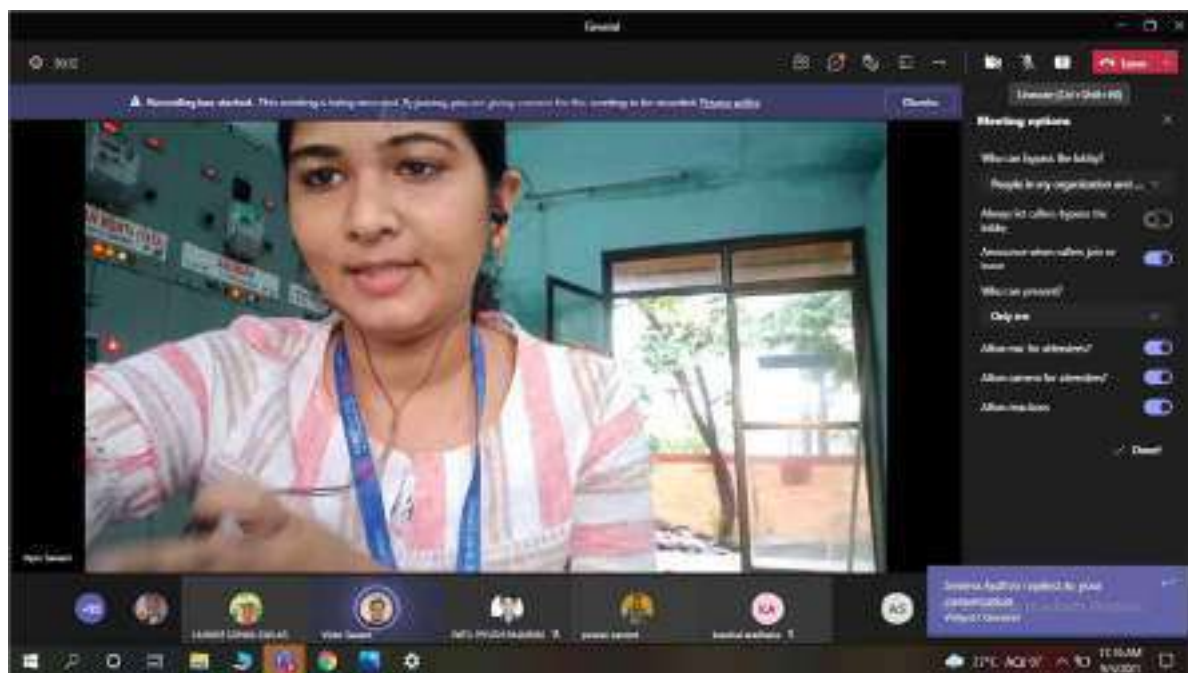


  
Staff Coordinator

  
HOD



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Staff Coordinator

HOD



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IV Co-ordinator

Head of Department

Staff Coordinator

HOD





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**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee: IEEE SB**

- 1. Name of the Activity/Event** : Green Challenge
- 2. Activity/Event Venue & Date** : 4<sup>th</sup> November to 5<sup>th</sup> December, 2020
- 3. Nature of Participants** : Open to all
- 4. Number of Participants** : 47
- 5. Student Coordinators** : Akhilesh Mendon and Shruti Malpure
- 6. Staff Coordinator** : Mrs Bindu R
- 7. Brief Summary of the Activity/Event (in maximum 500 words):**

**a. Objectives** :

To motivate students to take steps in public interest to reduce power consumption and create awareness by accepting the Green challenge and contributing in accordance to their respective fields of interest.

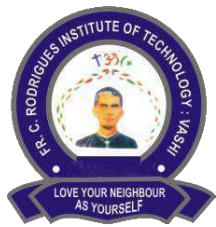
**b. Technical Description** :

The IEEE STUDENT BRANCH, FCRIT organised a Green Challenge Competition starting 4<sup>TH</sup> November 2020. The competition was conducted digitally and students were asked to submit their work on via drive links.

The challenge was sponsored by Techno Associates Vidyut Pvt Ltd  
Challenge was categorized in three fields : Technical, Literature, Art.

There was also a special recognition prize for participants who contribute significantly towards environment physically, for eg. Mass tree plantation drives.

Different sets of rules and regulations were formed and the same were explained to participants with the help of PDFs.



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#### c. Outcomes :

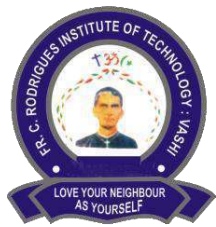
Various students from different colleges participated in the event and had submitted their work.

Cash prize worth One thousand was awarded to winners, one each from the three events. Furthermore, few runner-up awards were also declared.

#### d. Summary of Feedback : nil

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

#### 8. Activity / Event Photograph :



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**HOW DO I SUBMIT MY WORK?**

Submissions are open from  
8th November to 30th  
November

Registered participants can  
submit their works here

Participants are free to choose their desired way of  
participating in the Green Challenge  
Multiple Submission are Allowed (maximum 1 in each section)

Thorough check for plagiarism will be conducted. Participants  
are thus advised to use resources from web for citations but not  
to copy from.

IEEE CERTIFICATES WILL BE  
GIVEN TO ALL PARTICIPANTS  
AS A TOKEN OF APPRECIATION

*This Diwali  
Go green*

Contact:  
fcrit2020ieee@gmail.com

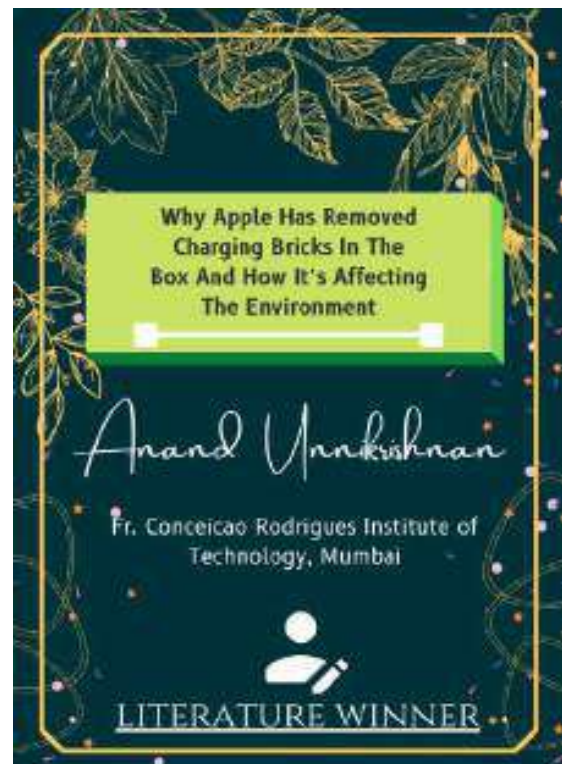
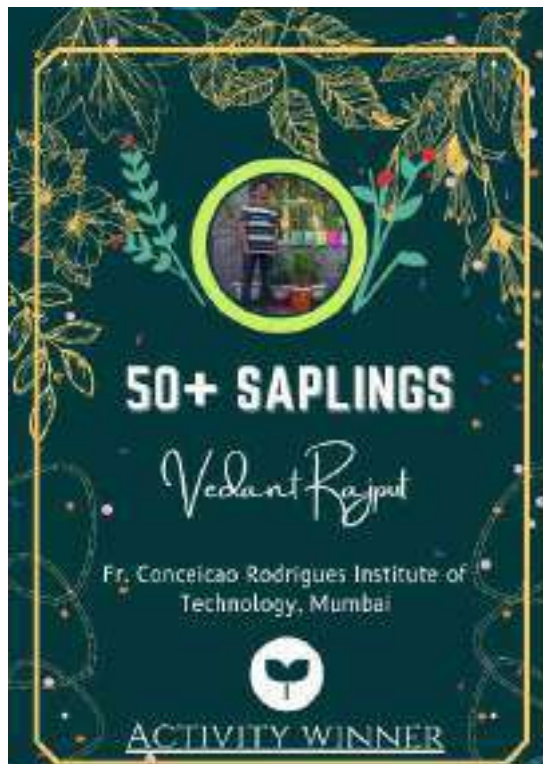
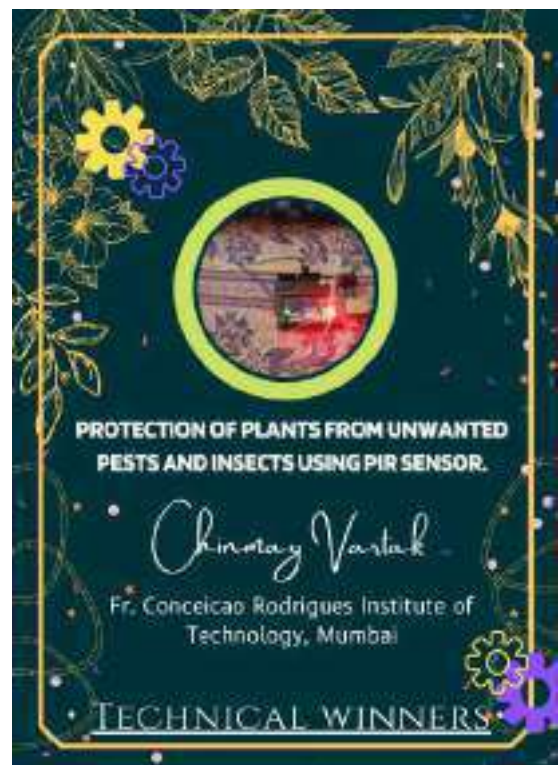
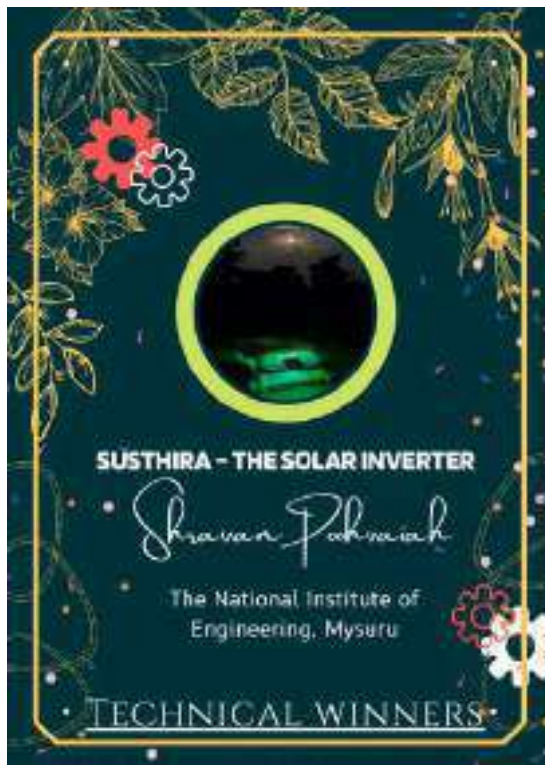
**Winners:**







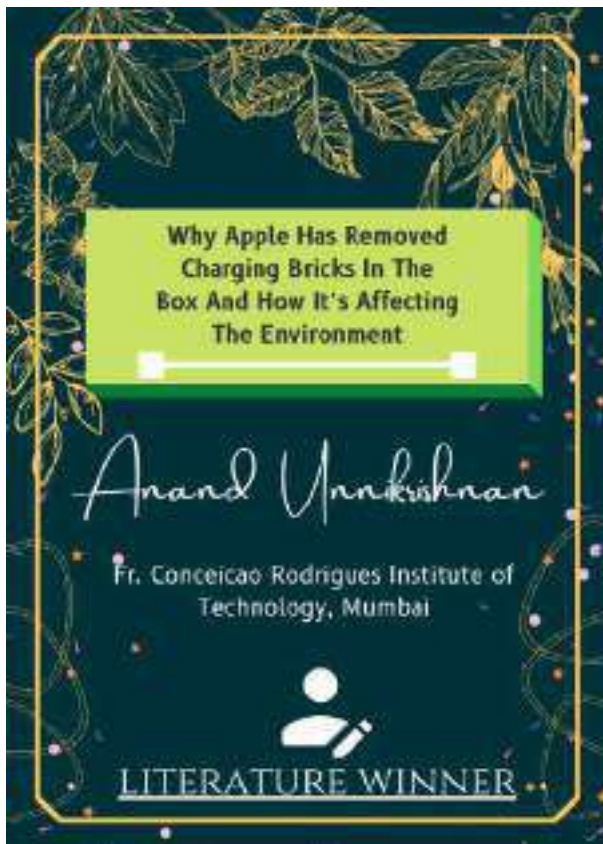
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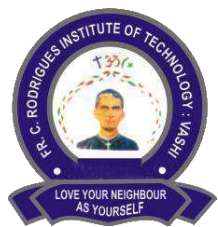




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#### **Event Report**

**Name of the Department/ Institute level Committee: IEEE FCRIT SB**

1. **Name of the Activity/Event** : Talk with the Doc : Women Health
2. **Activity/Event Venue & Date** : 11th April, 2021; Google Meets
3. **Nature of Participants** : IEEE Female Student Members of FCRIT, female members of ICC for PPSHWESRG and female audience of all age groups
4. **Number of Participants** : 65
5. **Student Coordinator** : Shruti Malpure
6. **Staff Coordinator** : Mrs. Bindu R
7. **Brief Summary of the Activity/Event (in maximum 500 words):**
  - a. **Objectives** : To provide knowledge and guidance on women health ranging from menstrual hygiene, diet to sexual health, safe sex, fertility issues and many more.
  - b. **Technical Description:** IEEE FCRIT in collaboration with ICC for PPSHWESRG, organised an interactive session on 'Talk with the Doc : Women Health', on 11th April 2021 on Google Meets and the same was attended by the female audience of all age groups.

The speaker for the event was Dr. Devi R. , Infertility and IVF specialist (MBBS, MS (Obs-Gyn), FRM).

Starting with the event, the speaker discussed the problems faced by women of different age groups, various menstrual abnormalities and how to maintain





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menstrual hygiene. Next, she gave an insight on PCOS and ways to handle it, various birth control methods, fertility issues, followed by which were the

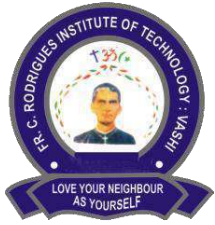
routines to be practiced for safe sex. Lastly, topics like breast self examination (BSE) and Uterine cancer were also discussed.

The session was very beneficial for women of all age groups as it touched upon all the problems women face during different phases of life.

**c. Outcomes** : The event was a great success, as the audience were able to interact freely and clear out their doubts. Also, we received good feedback from them.

**d. Summary of Feedback** :





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Are there any topics similar to the one covered today, which you would like to be made into a webinar?

15 responses

NA
mens and womens health
On sexuality
Stress relief techniques
I already submitted in the previous feedback. It was a wonderful session.
Yes Many topics
Pcod
Infertility: Causes and ways to curb
Yes

e. **Action to be Taken based on Feedback:** Based on the feedback received, the council has been encouraged to conduct more such sessions on related topics.

f. **Activity / Event Photograph :**



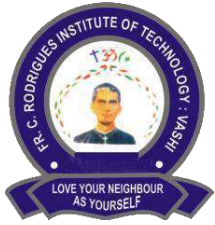
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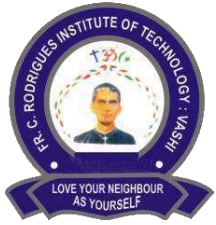


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**IEEE & WOMEN'S CELL**

Talk with the Pro:  
**Women's Health**

**Speaker:**  
**Dr. DEVI. R**  
Gynaecologist, Infertility and IVF specialist, MBBS, MS(Obs-Gyn), FRM

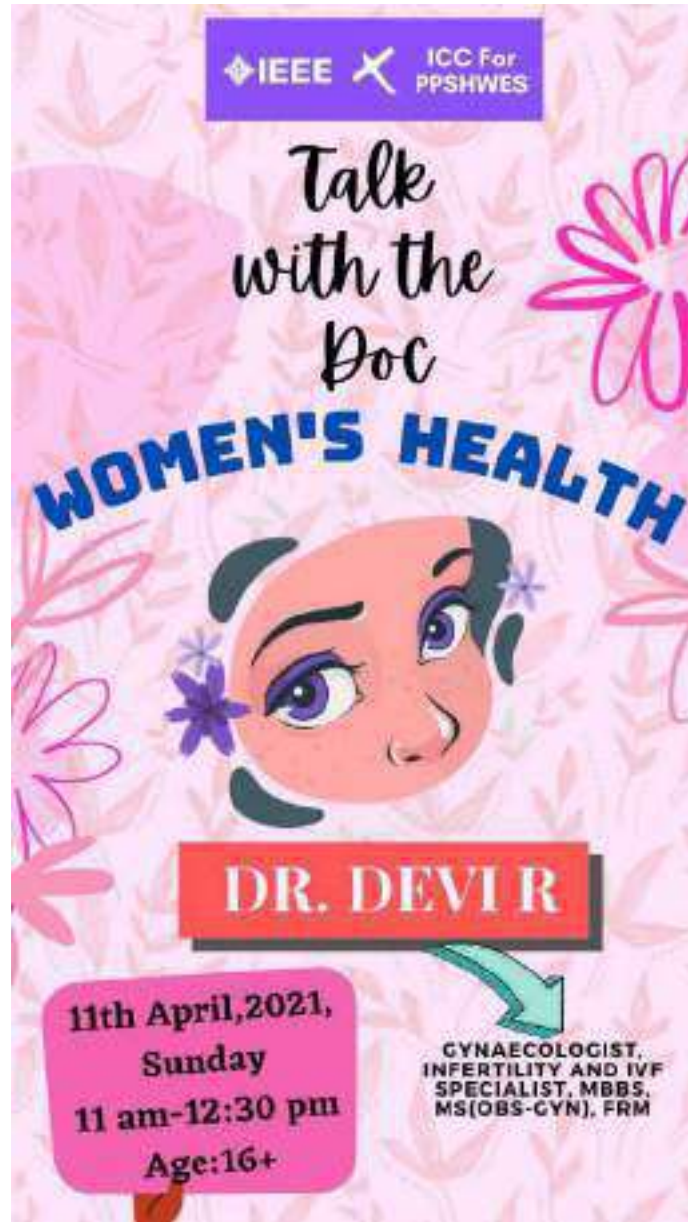
11th April, 2021.  
Sunday  
11 AM - 12:30 PM  
Age: 16+

Click here to register

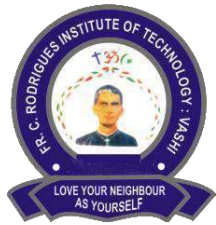
Certificates will be provided to all the attendees



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**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee: Electrical Engineering**

- 1. Name of the Activity/Event** : Marketing in Digital World
- 2. Activity/Event Venue & Date** : 20th March, 2021; Google Meets
- 3. Nature of Participants** : IEEE Student Members of FCRIT and fellow students of FCRIT and other colleges
- 4. Number of Participants** : 32
- 5. Student Coordinator** : Shruti Malpure
- 6. Staff Coordinator** : Mrs. Bindu R
- 7. Brief Summary of the Activity/Event (in maximum 500 words):**
  - a. Objectives** :

To introduce to the students digital marketing, a new way of marketing in this digital world and its various aspects.
  - b. Technical Description** :

IEEE FCRIT organised a webinar on 'Digital Marketing', on 20th March 2021 on Google Meets and the same was attended by students of FCRIT and other colleges. The speaker for the event was Mr. Sharan Pillai, an experienced marketing professional with working experience for 65+ brands.

Currently, he is leading Digital Media & Partnerships for Jio Creative Labs, also previously worked for Publicis India and Performics, Convonix. And also he was part of a non-profit organization project by Google to establish a business on the digital platform and currently working on The100LifeProject to help rural young minds to develop or set up their business online.

Mr Sharan Pillai started the webinar by defining what digital marketing is terming it as a combination of art and science with help of an example of an advertising digital campaign. Followed by this, he described the three key elements of digital marketing. Next, he talked about the career path in digital marketing by bifurcating the working domains in digital marketing into the agency side and the client-side and explained each one of them one by one. After this, he started with the skills required for being a digital marketer and then discussed the various opportunities available for engineers in this field with some of the companies name recruiting for these roles.

Bindu R  
Staff Coordinator

Bindu S.  
HOD



**c. Outcomes :**

**8. Activity / Event Photograph :**



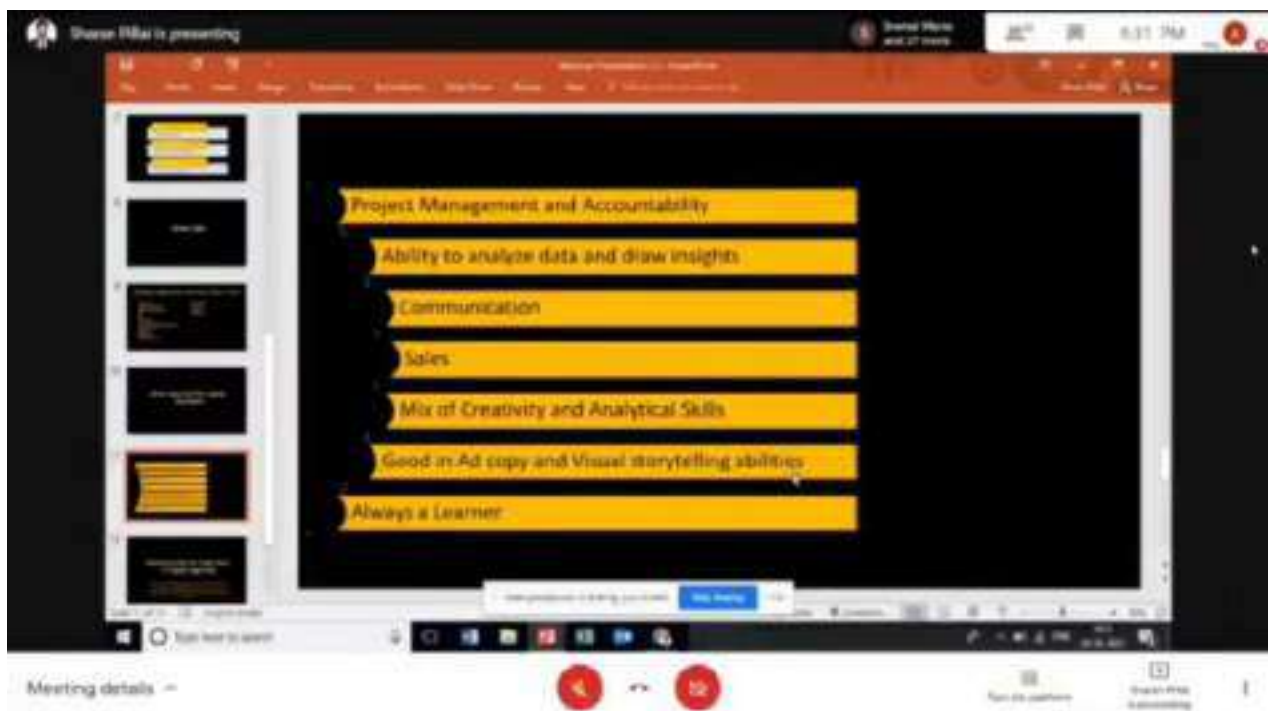
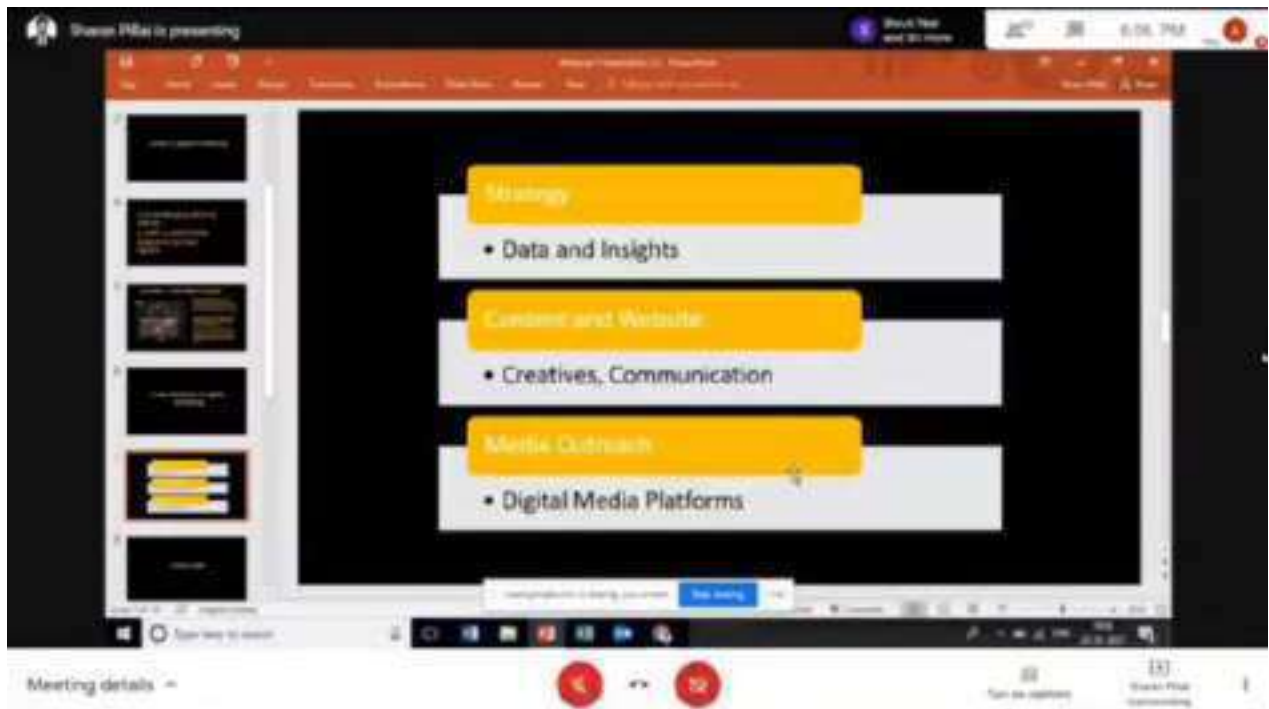


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Bindu R  
Staff Coordinator

Bindu S.  
HOD





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**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee: Electrical Engineering**

- 1. Name of the Activity/Event** : Making music on a Computer
- 2. Activity/Event Venue & Date** : 13th February, 2021; Zoom
- 3. Nature of Participants** : Students of FCRIT and other colleges.
- 4. Number of Participants** : 10
- 5. Student Coordinator** : Akhilesh Mendon
- 6. Staff Coordinator** : Mrs. Bindu R
- 7. Brief Summary of the Activity/Event (in maximum 500 words):**

**a. Objectives :**

To introduce music composition to the students made on a computer, and its various aspects.

**b. Technical Description :**

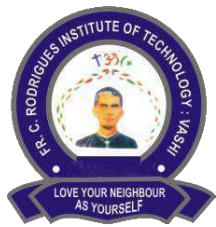
IEEE FCRIT organised a webinar on 'Making music on a computer, one of the events from the "Student Instructor" series initiated by the IEEE FCRIT SB, on 13th February 2021 on Zoom and the same was attended by students of FCRIT and other colleges. The webinar was conducted by student of FCRIT itself Gokul Narayanan from the Electrical Department.

He is a music enthusiast, Electrical Engineering student. He also has released 3 of his originals. There is a class of software known as DAW (Digital Audio Workspace). The DAW he uses is Ableton Live 10 which is a workstation developed in Germany by the company Ableton Base.

Gokul Narayanan started the webinar by letting everyone know what is a DAW followed by, he started with getting familiar with the interface of the DAW e uses. Next he started introducing everyone with the features of the workspace. Then it was continued by various options and concepts for composition of music.

Followed by this, he composed a small track while explaining how to actually compose and the ideas which one should keep in mind.

The webinar was very helpful for all the aspiring music composers as well as a motivation for others towards this field.



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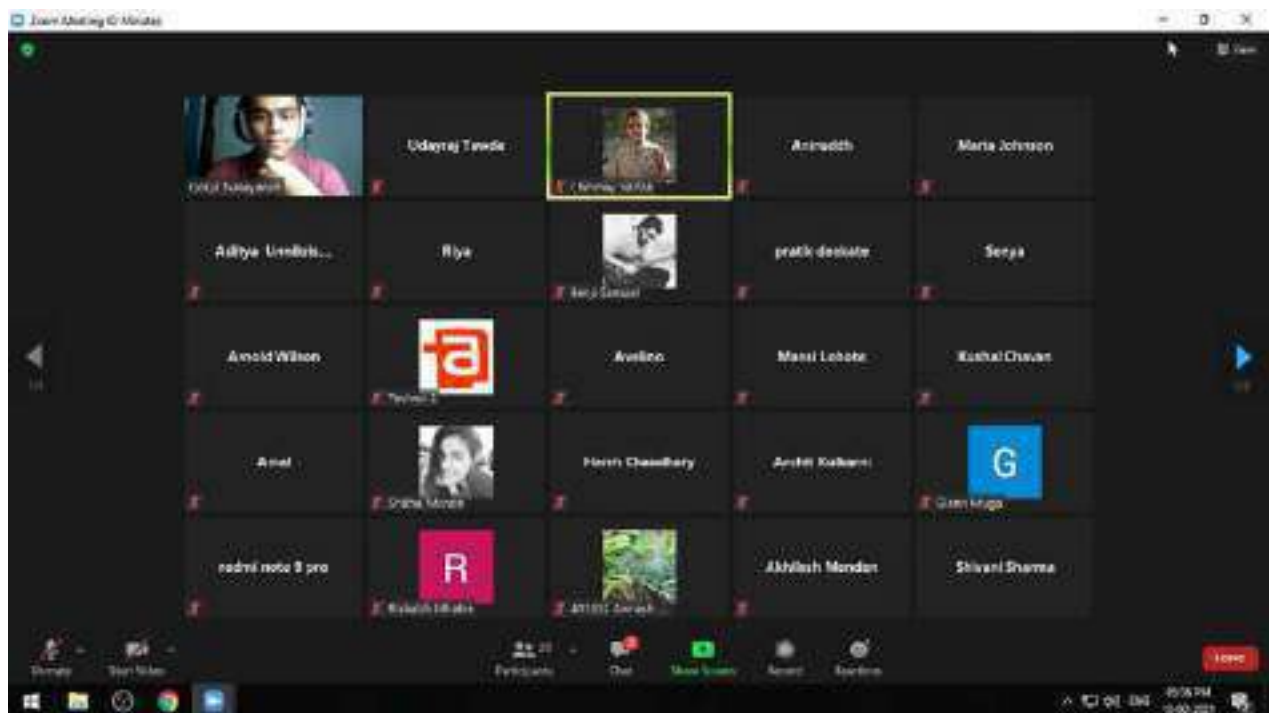
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#### **c. Outcomes :**

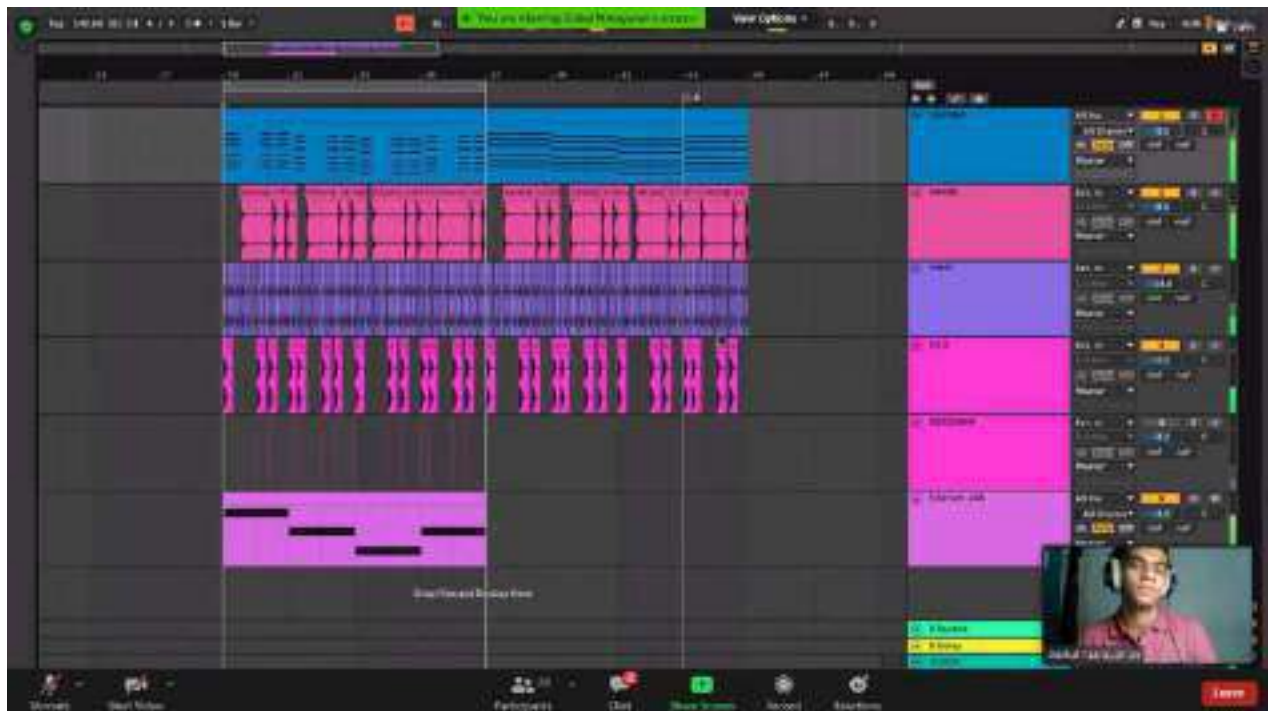
Webinar ended successfully with a melodious electronic music track being composed by none other than Gokul Narayanan. The event was a big success to all the organizers and co-ordinators and everybody involved as seen from the feedback received from the audience.

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





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Bindu R  
Staff Coordinator

Bindu S.  
HOD





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**Brief Activity/Event Report**

**Name of the Department/ Institute level Committee:**

**Electrical Engineering – IEEE Council**

1. **Name of the Activity/Event** : Avidhrita – Ideathon (The event which was planned during Etamax got cancelled at the last minute due to the lack of Participants)
2. **Activity/Event Venue & Date** : 25<sup>th</sup> to 27<sup>th</sup> February 2021
3. **Nature of Participants** : Undergraduate students
4. **Number of Participants** : Cancelled
5. **Student Coordinator** : Akhilesh Mendon
6. **Staff Coordinator** : Mrs. Bindu R
7. **Brief Summary of the Activity/Event (in maximum 500 words):**

**a. Objectives :**

To invite students to brainstorm and bring forth ideas on various fields under the theme of 'Sustainable Future -Smart Cities' in a competition judged by industry experts.

**b. Technical Description :**

An idea in its raw form is unstoppable once conceived and has the potential to resolve issues in a way that was not thought of before. So, you take this idea and model it in the eyes of industry standards. But, what if you are constrained by the limited availability of resources? As we fast progress as a society in terms of technology and sophistication, we exhaust our resources at the same exponential speed. And this may hinder and cripple our progress towards building smart cities.

Once having completed registrations, teams will be provided with 6 domains under this theme, which form the lifeline of any city. You are to choose one domain. Furthermore, you are to build your own problem statement, constructed from your idea, and provide a solution to the same that aims at utilising existing resources to drive humanity towards the age of smart cities.



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Teams would be judged on the basis of their performance in the presentation round as well as ability to express their ideas in the most dilute and simplest form in the abstract stage.

- c. Outcomes : NA
  - d. Summary of Feedback : NA
  - e. Action to be Taken based on Feedback: NA
8. Activity / Event Photograph :



The banner for the event

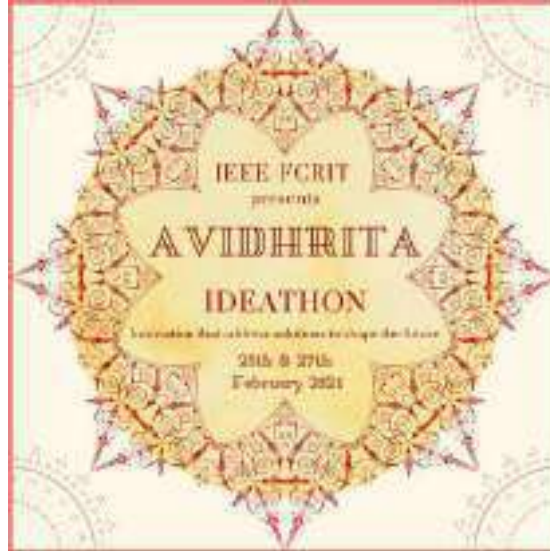


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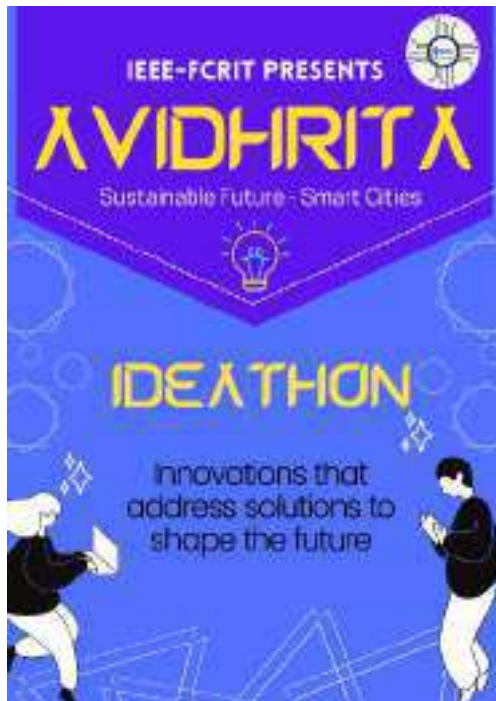
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Instagram Post promoting the event on the social media platform



The cover page of the brochure containing all the details of the event



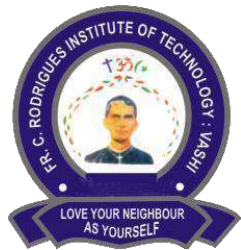


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A page out of the brochure talking about the council



# Fr. C. Rodrigues Institute of Technology

## Department of Electrical Engineering

Sector - 9A, Vashi, Navi Mumbai – 400 703, INDIA.

Telephone: 022-2777 1000, 2766 1924, 2766 0618. Fax: 2766 0619

Website: [www.fcrit.ac.in](http://www.fcrit.ac.in)

### Brief Activity/Event Report

1. Name of the Activity/Event : TECH-TONIC 2021
1. Activity/Event Venue & Date : 20<sup>th</sup> March 2021
2. Nature of Participants : Students of sem 2,4,6,8
3. Number of Participants : 28
4. Student Coordinator : EESA council
5. Staff Coordinator : Mrs. Harshada Bhosale
6. Brief Summary of the Activity/Event (in maximum 500 words):

**a. Objectives :**

- 1.To engage students positively in lock down
- 2.To develop event management skills of EESA students

**b. Technical Description :**

Different events were organised under TECH-TONIC 2021 online for Electrical students by EESA council members. The events included Scribble, Antakshari and online Quiz competition consisting of Technical and Aptitude Questions.

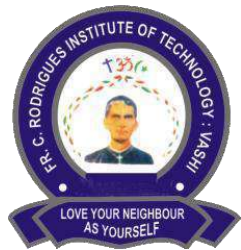
**c. Outcomes :**

Active participation of students and event organising and management skills by EESA council members.

**d. Summary of Feedback : No. of students - 28**

Sr.No.	Questions	5	4	3	2	1
1	How satisfied were you with the event?	24	1	3	-	-
2	How well was the event structured ?	22	5	1	-	-
3	How would you rate the organization and management of the session on a scale of 1-5?	23	3	2	-	-
Average Rating		23	3	2	-	-

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



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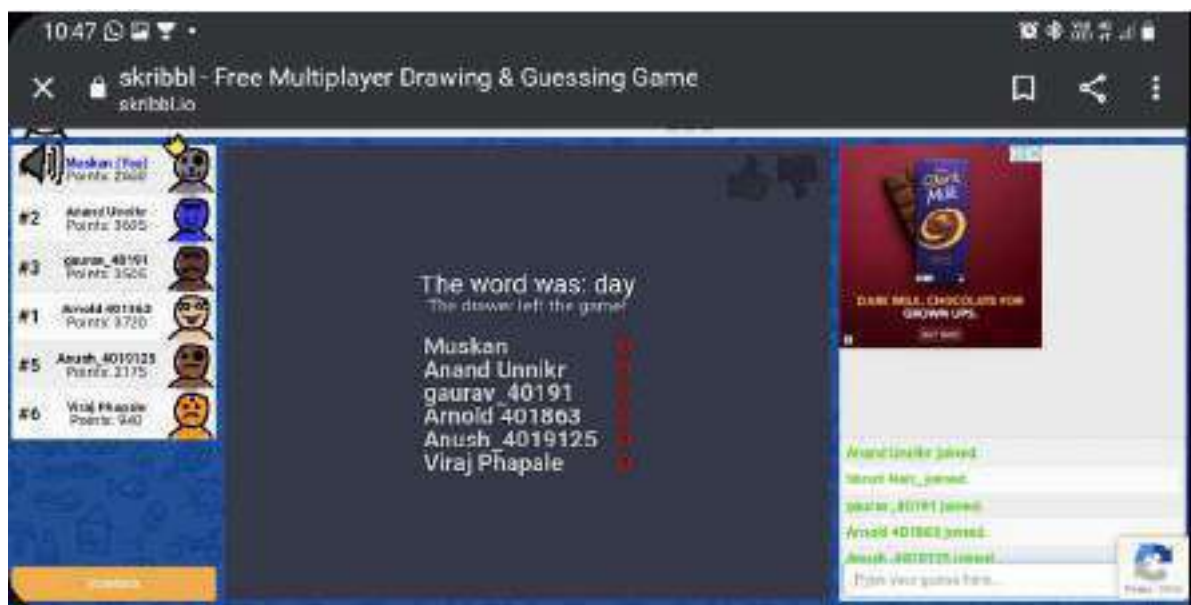
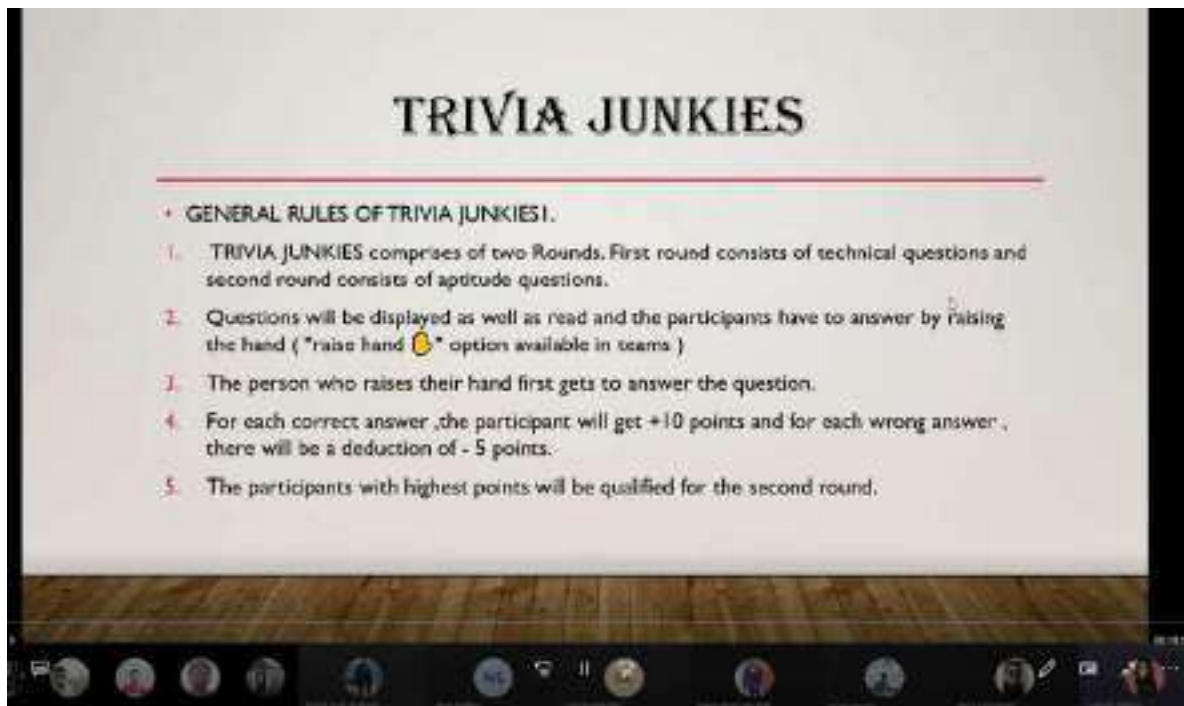
Department of Electrical Engineering

Sector - 9A, Vashi, Navi Mumbai – 400 703, INDIA.

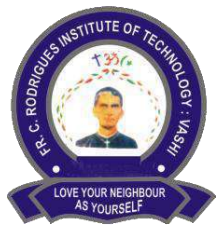
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## 7. Activity / Event Photograph :







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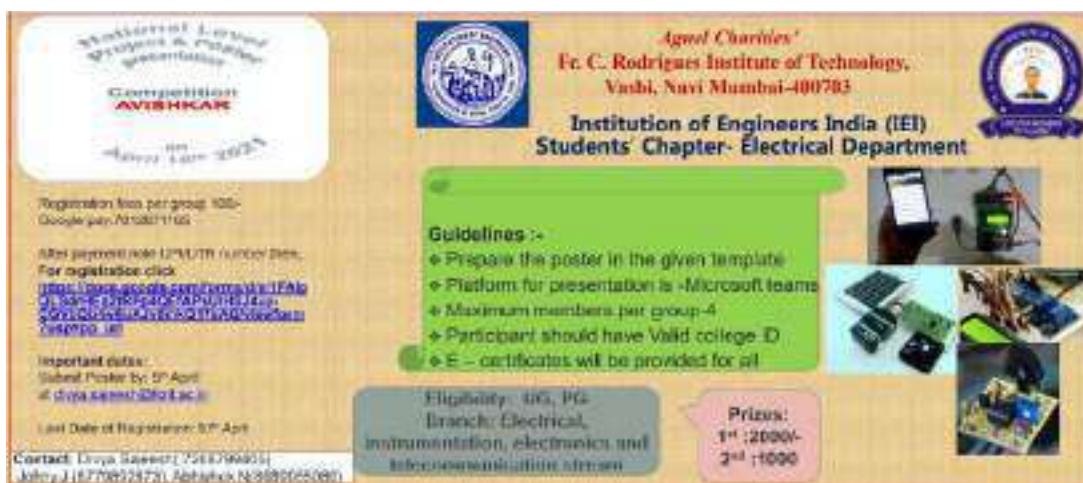
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#### Brief Activity/Event Report

**Name of the Department/ Institute level Committee: IEI student chapter**

1. **Name of the Activity/Event** : Avishkar Project/Poster Presentation competition
2. **Activity/Event Venue & Date** : Zoom, 16<sup>th</sup> April 2021
3. **Nature of Participants** : Engineering students from colleges in India
4. **Number of Participants** : 24
5. **Student Coordinators** : IEI council
6. **Staff Coordinator** : Mrs. Divya Sajeesh
7. **Brief Summary of the Activity/Event (in maximum 500 words):**
  - a. **Objectives** :
    1. To enhance students' knowledge with their creative streak and express their ideas
    2. To develop the skill of management
  - b. **Technical Description** :

A brochure was prepared for the competition and circulated among various engineering colleges in India.



Brochure of the Avishkar Competition

Total 24 groups registered and participated for the competition. The project competition was judged by Mr. Bennadit Nadar, ETAP Automation and



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poster competition was judged by Ms Rachel Philip, Tej Control Systems Pvt Ltd.

The group which won the first and second position is shown in the table below

<b>Project competition winners</b>			
<b>Sr.No</b>	<b>Name of Group member and College</b>	<b>Title of project</b>	<b>Amount</b>
1	Kabir Manoj Ohekar St. Francis Institute of Technology	Electromyographic Signal Processing With Application To Bionics	2000/-(first prize)
2	PRATIK MEVADA Atharva College of Engineering	Covid-19 Screening Bot	500/-(second prize)
3	ARCHIT RAUT Theem College of Engineering, Boisar & Vishwaniketan's Institute Of management entrepreneurship and engineering technology, Khalapur	Onion Ride Search engine and Privacy android browser	500/-(second prize)
<b>Poster competition winners</b>			
<b>Sr.No</b>	<b>Name of Group member</b>	<b>Title of poster</b>	<b>Amount</b>
4	MONISH MEHER Fr. C. Rodrigues Institute of Technology, Vashi	Remote Access Remote Control (RARC)	1000/-(first prize)
5	RUSHIKESH ARJUN PADIR Fr. C. Rodrigues Institute of Technology, Vashi	Automatic wireless water level controller	500/-(second prize)

c. **Outcomes** : 1.They were able to show case their ideas and presentation skills

: Coordinators were able develop their skill to organise the event

d. **Summary of Feedback** :Most of the Students found the session useful and knowledgeable.

e. **Action to be Taken based on Feedback:** Many such competition has to be conducted.

**8. Activity / Event Photograph :**



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