

# DEPARTMENT OF ELECTRICAL ENGINEERING

## ACTIVITY REPORT

(2019-20)



**GOVERNMENT ENGINEERING COLLEGE PALAKKAD**

## **VISION OF THE INSTITUTE**

Excellence through the wings of science and technology

## **MISSION OF THE INSTITUTE**

To transform youth to talented engineers with creativity and integrity who can meet the technological challenges for the service of society.

## **VISION OF THE DEPARTMENT**

To become a Centre of Excellence in Electrical Engineering and allied disciplines for the service of the society.

## **MISSION OF THE DEPARTMENT**

- To impart high quality education to meet the challenges in the field of Electrical and Electronics Engineering.
- To nurture creativity and transform the young minds to become competent electrical engineers.
- To inculcate a sense of commitment to ethical values and a passion to serve the society.
- To foster research, innovation and entrepreneurship skills.

## DEPT. OF ELECTRICAL ENGINEERING

### ACTIVITY REPORT 2019-20

#### 1. Result Analysis

##### B.Tech (Academic Year 2019-20)

Batch	Sem	No. of students	Pass percentage						
			Boys	Girls	SC	ST	OBC	General	Total
2k19	S1	62	57.69	75	0	-	73.08	80	67.74
2k19	S2		Result awaited						
2k18	S3	65	20	14	0	0	18	38	18.64
2k18	S4		Result awaited						
2k17	S5	61	27	50	0	-	42.22	50	37.7
2k17	S6		Result awaited						
2k16	S7	66	61	84	40	0	67.4	86.7	69.7
2k16	S8	-	Result awaited						

#### 2. Details of Placement

Year	Name of the student	Name/Address of the firm
2019-20	Jishnu S	Vvdn technologies
2019-20	Shifa M K	Infosys
2019-20	Malavika Ramesh	UST GLOBAL
2019-20	Lakshmi Prakasan	Infosys
2019-20	Vidhu V	QBURST
2019-20	ABHIJITH MS	INFOSYS
2019-20	Reshma E Babu	Infosys Limited
2019-20	Sravan Chandran	Infosys
2019-20	Swathy S	Infosys
2019-20	Swetha S	BYJU'S App

#### 3. Student Achievements (2k16 Admission)

Sl. No.	Name	Semester	Participation in National or International Conference/Technical competitions / Arts / Sports / any other achievements Name of Program	Event	Achievement	Year
1	ADARSH DAS N	S7	Workshop	Participation	Participation	2019-20
2	ADARSH DAS N	S7	Workshop at IIT	Participation	Participation	2019-20

3	Adhulya PV	S7	Performing in arts	Nadanpattu Daksha	second	2019-20
4	Adhulya PV	S7	Sports-Zonal level	Volleyball	First	2019-20
5	ANOOP CHANDRA	S7	Tech quiz	National Service Scheme Cell	Participation	2019-20
6	Aromal Anand	S7	Hobby Clubs	Edavanna Flood Rehabilitation Work	Participation	2019-20
7	Arun A	S7	NSS cell 150th Mahatma Gandhi celebration Quiz	Volunteer	Volunteer	2019-20
8	Arya Asok	S7	Attending full time conference/seminars/exhibition/ workshops /STTP conducted at KTU or its affiliated institutes	Participation		2019-20
9	GOPIKA M P	S7	Hobby clubs	EMRC-flood relief	Volunteer	2019-20
10	GOPIKA M P	S7	Participation in state level paper presentation	Young Innovators Programme	Participation	2019-20
11	GOPIKA M P	S7	Tech quiz	District level Energy Quiz by KSEBA	Third	2019-20
12	GOPIKA M P	S7	Tech Quiz	National Engineering Olympiad 2.0		2019-20
13	KANNAN C MANOJ	S7	Games-Cricket E zone 3rd	Cricket E zone	third	2019-20
14	Megha Raj	S7	Games	Shot Put	Participation	2019-20
15	Megha Raj	S7	Tech quiz	National Engineering Olympiad 2.0	Participation	2019-20
16	Mohammed Fawaz M	S7	Participation in state level paper presentation	Young Innovators Programme	participant	2019-20
17	Mohammed Mubeen k	S7	Attending full time workshop conducted at NITs	LabView Workshop	participant	2019-20
18	Mohammed Mubeen k	S7	College association chapters	VYDHUTH	participant	2019-20
19	Mohammed Mubeen k	S7	College association chapters	VYDHYUTH	participant	2019-20
20	Mohammed Mubeen k	S7	Tech Quiz	NSS Quiz	participant	2019-20
21	Muhammed Adnan A	S7	Workshop	Participation		2019-20
22	MUHAMMED SALIH P	S7	Fossee workshop	Python workshop	participant	2019-20
23	MUHAMMED SALIH P	S7	Hobby clubs (emrc )	Flood relief	participant	2019-20
24	Reshma E Babu	S7	Games	100 m race	participation	2019-20
25	SRAVAN CHANDRAN M	S7	hobby club	EMRC-flood relief	Volunteer	2019-20

26	SRAVAN CHANDRAN M S	S7	Participation in state level paper presentation	Young Innovators Programme	Participation	2019-20
27	SRAVAN CHANDRAN M S	S7	Tech quiz	District level Energy Quiz by KSEBA	third	2019-20
28	SRAVAN CHANDRAN M S	S7	Tech quiz	National Engineering Olympiad 2.0		2019-20
29	Sruthi.V	S7	Festival and technical events	Eterno	Volunteer	2019-20
30	Sruthi.V	S7	Literary arts	Speech -Hindi	Second	2019-20
31	Sruthi.V	S7	Music	Group song -Hindi	Third	2019-20
32	Sruthi.V	S7	Performing arts	Light music -Hindi	Third	2019-20
33	Swetha K Ajayakumar	S7	Completed 9 days Internship training	KSEB 110 KV Substation, Irinjalakuda, Thrissur		2019-20
34	Swetha K Ajayakumar	S7	Participation in state level paper presentation	Young Innovators Programme	Participation	2019-20
35	Swetha S	S7	Professional self initiative	District level Energy Quiz by KSEBA	Participation	2019-20
36	Swetha S	S7	Professional self initiative	Quiz based on Life Of Gandhi by TKM Engineering college- Participation		2019-20
37	Swetha S	S7	Sports and games participation	4*100m RELAY	First	2019-20
38	Vidhu V	S7	Attending full time workshop Applications of lab view in electrical engineering and hands on training on lab view based hardware modules conducted at NITs	workshop at NIT Calicut		2019-20
39	Vidhu V	S7	Sports (2nd prize)	long jump	second	2019-20
40	Vishnu N	S7	Actively co-ordinated association day Vydhyuth GEC Palakkad	Co-ordinator	Co-ordinator	2019-20
41	Vishnu N	S7	Volunteered for flood relief activities as part of EMRC	Volunteer	Volunteer	2019-20
42	Vishnu N	S7	Won scavenger hunt conducted by IEEE	IEEE	IEEE	2019-20
43	Vishnu N	S7	Workshop on Python at GEC Palakkad	Participation	Participation	2019-20
44	Yamuna U	S7	Attending full time conference/seminars/exhibitio ns/workshop/STTP conducted at IITs/NITs	Seminar on Astrobiology		2019-20

45	Yamuna U	S7	Attending full time conference/seminars/Exhibitions/workshops/STTP conducted at IITs/NITs	Seminar on Climate change		2019-20
46	Yamuna U	S7	MOOC with final assessment certificate	NPTEL online course on digital circuits		2019-20
47	ADARSH DAS N	S8	Tech Quiz	National Service Scheme Cell		2019-20
48	ADARSH DAS N	S8	Workshop	Participation	Participation	2019-20
49	Adhithya Santhosh	S8	Performing Arts	Nadanpattu conducted as part of Daksha'20	Second Prize	2019-2020
50	Adhithya Santhosh	S8	Tech quiz	NSS Online Quiz	Participant	2019-20
51	Adhulya PV	S8	NSS	Volunteer		2019-20
52	AKHIL C S	S8	College association chapters	Volunteer		2019-20
53	AKHIL C S	S8	College association chapters	Volunteer		2019-20
54	AKHIL C S	S8	NSS	Volunteer		2019-20
55	ANOOP CHANDRA	S8	College association chapters	Association day	Volunteer	2019-20
56	Aromal Anand	S8	College Association Chapters (Mechanical, Civil, Electrical etc.)	VYDHYUTH'20	Coordinator	2019-20
57	Aromal Anand	S8	Tech quiz	NSS Quiz	Participation	2019-20
58	Bareerul S Rasheed	S8	Workshop	Participation		2019-20
59	Bareerul S Rasheed	S8	Workshop	Participation		2019-20
60	Fathima Nihala	S8	Attending Full time Conference/ Seminars / Exhibitions/ Workshop/ STTP conducted at KTU or its affiliated institutes	Participation		2019-20
61	JIBIN M P	S8	Workshop at nit	Participation		2019-20
62	Mazin Vaheeduddin	S8	Attended a workshop on 3D printing conducted as part of Ragam 20	Participation		2019-20
63	Mazin Vaheeduddin	S8	Completed internship training at RAILWAY TRACTION SUBSTATION, KANJIKODE	Internship	Internship	2019-20
64	Mazin Vaheeduddin	S8	TATHVA'19 conducted by NIT Calicut	Mega Infrastructure Withstanding natural Disasters		2019-20
65	Megha Raj	S8	College Association Chapters (Electrical)	VYDHYUTH'20	Coordinator	2019-20
66	Megha Raj	S8	Tech Quiz	NSS Quiz	Participation	2019-20
67	Mohammed Fawaz M	S8	Festival and Technical Events	Tesla Coil, Invento 2020	Core Coordinator	2019-20

68	Mohammed Fawaz M	S8	Performing Arts	Duff Muttu, Daksha 2020	Third Prize	2019-20
69	Mohammed Mubeen k	S8	Tech fest	Tesla Coil, Invento 2020	Core coordinator	2019-20
70	Muhammed Jaseem Farhan.P	S8	Festival & Technical events(College approved) - Invento Volunteer	Action Committee	Invento 2020	2019-20
71	Muhammed Jaseem Farhan.P	S8	Festival&Technical Events - Volunteer for 'MUD RACE in Invento'20	Volunteer in the event MUD RACE	Invento 2020	2019-20
72	Muhammed Jaseem Farhan.P	S8	Literary Arts - First prize in Pencil drawing Competition	Pencil Drawing	First Prize-Daksha 2020	2019-20
73	Muhammed Jaseem Farhan.P	S8	Literary Arts-second prize in Collage making competition	Collage Making	Second prize-Daksha 2020	2019-20
74	Muhammed Jaseem Farhan.P	S8	Performing arts-First prize in Tableau	Tableau	First Prize-Daksha 2020	2019-20
75	MUHAMMED SALIH P	S8	Quiz conducted by IEEE	IEEE SB	participant	2019-20
76	MUHAMMED SALIH P	S8	quiz conducted by NSS	Nss unit	participant	2019-20
77	MUHAMMED SALIH P	S8	Quiz conducted by NSS	Nss unit	participant	2019-20
78	MUHAMMED SALIH P	S8	Sports	college sports	participant	2019-20
79	MUHAMMED SALIH P	S8	Tech fest	GURUTHWA 2020 Circuit motif	participant	2019-20
80	MUHAMMED SALIH P	S8	Tech fest	GURUTHWA 2020 Apocalypso	participant	2019-20
81	MUHAMMED SALIH P	S8	Tech fest	GURUTHWA 2020 Crypt your mind	participant	2019-20
82	MUHAMMED SALIH P	S8	Tech fest	GURUTHWA 2020 grand electro maze	participant	2019-20
83	MUHAMMED SALIH P	S8	Tech fest	GURUTHWA 2020 Rob the bank	participant	2019-20
84	MUHAMMED SALIH P	S8	Tech fest	Invento 2020 Autoquiz	participant	2019-20
85	MUHAMMED SALIH P	S8	Webinar conducted by ieee	IEEE IAS SBC	participant	2019-20
86	Ponnambili Tomy	S8	Tech Quiz	Nss		2019-20
87	Ponnambili Tomy	S8	Volunteer	Invento	Volunteer	2019-20
88	Reshma E Babu	s8	Tech fest , tech quiz	nss quiz	participation	2019-20
89	ROSHAN.T.R	S8	WORKSHOP	Participation	Participation	2019-20

90	Sabin Munavir K V	S8	College Association Chapters (Electrical)	VYDHYUTH'20	Coordinator	2019-20
91	Sabin Munavir K V	S8	Performing arts	Hindi skit	first prize	2019-20
92	Sabin Munavir K V	S8	Performing arts	Parichamuttu	first prize	2019-20
93	Sabin Munavir K V	S8	Performing arts	Vattapattu	second prize	2019-20
94	Sabin Munavir K V	S8	Social innovations	Electrical House Wiring	Volunteer	2019-20
95	Sabin Munavir KV	S8	Tech quiz	NSS Quiz	Participation	2019-20
96	SACHIN KS	S8	Python workshop	Participation	Participation	2019-20
97	Shifa Mk	S8	Tech Quiz	NSS Quiz	Participant	2019-20
98	Sruthi.V	S8	Competition conducted by professional societies	Nss online quiz		2019-20
99	Sruthi.V	S8	MOOC with final assessment certificate	Internshala training on python programming		2019-20
100	Swetha S	S8	Leadership and management	Volunteered in activities during VYDHYUTH'20	Volunteer	2019-20
101	Vidhu V	S8	Competition conducted by professional societies	NSS online quiz	participation	2019-20
102	Vidhu V	S8	Literary arts (second)	essay writing malayalam	participation	2019-20
103	Vidhu V	S8	Literary arts (second)	quiz	participation	2019-20
104	Vidhu V	S8	MOOC with final assessment certificate	Internshala training on python programming		2019-20
105	Vidhu V	S8	Performing arts (second)	margamkali	second	2019-20

#### Student Achievements (2k17 Admission)

Sl. No	Name	Participation in National or International Conference/Technical competitions / Arts / Sports / any other achievements Name of Program	Event	Achievement/Role	Date/Year
1	Abdul Basith Abdulssamad D V	Vattappatu	Arts Fest- College Level	First	Feb 2020
		EI-Premio (technical treasure hunt)	College Tech Fest	Event Coordinator	March 2020
		Mime (Part of Saptha)	College Tech Fest	First	March 2020



2	Adharsh R	Online Quiz	KTU online quiz University Level	Participant	2019-20
		Workshop- Music System Development	IEEE MHM-HUB level	Participant	2019-20
		Internship	110KV Substation, Pathiripala	Intern	08/07/2019- 12/07/2019
3	Ajana E A	4*100 Relay	Annual sports meet College	First	2019-2020
		Patriotic Song	Arts Fest College Level	First	Feb 2020
		Vanjipattu		Second	
		Invento 2020	College Tech Fest	Hospitality Coordinator	March 2020
		Industrial Visit	11 KV Substation Kanjikode,Palakkad	Intern	Feb 2020
6	Akhil P	Patriotic Song	College Arts Fest	First	Feb 2020
		4*400 Relay	Annual Sports Meet	Second	2019-2020
		Rehabilitation Programme of Flood Affected Areas.	Conducted by EMRC	Social Innovative	2019-2020
		Kabaddi Team Member	KTU Zonal Games	E zone	2019-2020
		Arts Expo Invento	Saptha	Coordinator	March 2020
7	Alfiya V A	Innovoco Workshop	EEE department	Participant	Feb 2020
		Quiz - Engineeria	CADD Centre Level 2 & Level 3	Qualified upto Level 3	October 2019
		Python Workshop	College Level	Participant	July 19,2019
		Invento	College Techfest	Impulse Department Event Coordinator	March 2020
8	Alpha M M	EMRC	EEE Department Club	Sub Coordinator	2019-2020
		National Engineering Olympiad Participant	National Level Test	Participant	2019-2020
		Invento	College Tech Fest	Engineeria Event Coordinator	March 2020
10	Aneesha P R	Volleyball tournament	KTU D-zone games	Winners of Tournament	13-14 oct 2019
		Shot Put	Annual sports meet College	Second	Nov 26 2019

		Quiz- Engeeria	Conducted by Cadd centre (level 3)	Qualified upto Level 3	Oct 29,2019
11	Anjana Narayanan	Online quiz	Conducted By NSS unit of TKM college College level	Participant	Feb 16, 2020
		Paper Presentation (on power system resilience strategies )	Conducted by KSEB engineers association with the support of IEEE power and energy society	District level	2019-2020
		House Wiring	Conducted by EMRC	Social innovative	2019-2020
		4*100 relay	Annual sports meet College level	First	Nov 2019
		100 meter race		Second	
		Invento	College tech fest	Dept.coordinator EEE	March 2020
		Industrial Visit	11 KV Substation Kanjikode, Palakkad		Feb 2020
		Industrial training	400 KV Substation Madakkathara,Thrissur	Intern	Feb 2020
12	Anshan E K	EMRC	EEE department club	Participated in, Complete house wiring Programme (social innovative)	10,11 march 2020
				Participated in, Rehabilitation Programme of Flood Affected Areas.	23, 24 Aug 2019
				EMRC Coordinator	2018-2019
		SCARA technical workshop	Conducted by TBI College Level	Co-ordinator	Feb 2 , 2020
		Malayalam Drama	Arts Fest College level	Second	Feb 2020
		Invento	College tech fest	1.0 sq mm event first prize	March 2020
		14	Anupama V M	Lecture on 'Technopreneurial for the future generations'	NIT Calicut
'Electric mastery and automation ' workshop	EEE department of MA college, kothamangalam College level			Participant	18 Aug, 2019

		Online quiz	Conducted By NSS unit of TKM college College level	Participant	Feb 16, 2020
15	Arshad K A	Internship (5 days)	*Southern Railway	Intern	29/07/2019-02/08/ 2019
		Rehabilitation Programme of Flood Affected Areas.	Conducted by EMRC	Social Innovative	2019-2020
		Participated in, Complete house wiring Programme	Conducted by EMRC	social innovative	10,11 march 2020
		1500 meter race	Annual sports meet College level	First	Nov 2019
		1500 meter race	KTU Athletic meet 2020 (Level 3)	Participant	Feb 2020
		MIME	Arts fest ( college level)	First	Feb 2020
		Invento	College tech fest	Event coordinator	March 2020
			1500 meter race MIME	participant	
Games	Sarang football tournament	Participant	26/01/2020		
16	Arya M	Quiz	NSS unit GEC PKD College Level	Participant	2019-2020
		Industrial Visit	11 KV Substation Kanjikode,Palakkad		Feb 2020
		Daksha 2020	Arts fest college level	Group dance- first	Feb 2020
			Vydyuth 2020	Thiruvathira- third	
Invento	College tech fest/multifest	Thiruvathira -First	March 2020		
17	Ashiq Rahim	Online quiz	WIE,IEEE SB	Participant	31 mar2020
		Rehabilitation Programme of Flood Affected Areas.	EMRC workshop	Social Innovative	2019-2020
		Industrial Visit	11 KV Substation Kanjikode,Palakkad	Intern	Feb 2020
		Drama malayalam	Arts fest college level	second	Feb 2020
18	Asif K P	Invento	College tech fest	EEE department finance controller	March 2020
19	Athulya P C	Group song (hindi)	Arts fest college level	Second	Feb 2020
		Margam kali		Third	

		Invento	College tech fest	Impulse event -coordinator	March 2020
20	Chindumol Babu	Vanjipattu	Arts fest College level	second	Feb 2020
		Patriotic song		First	
		Industrial Visit	11 KV Substation Kanjikode,Palakkad		Feb 2020
21	GayathriP P	Industrial Visit	11 KV Substation Kanjikode,Palakkad		Feb 2020
		'Electric mastery and automation ' workshop	EEE department of MA college, kothamangalam College level	Participant	18 Aug, 2019
		Online quiz	Conducted By NSS unit of TKM college College level	Participant	Feb 16, 2020
22	Jagan K U	Online quiz	Conducted By NSS unit of TKM college College level	Participant	Feb 16, 2020
		Drama	Arts fest daksha 2020, college level	Second	Feb 2020
23	Jeslin Joy	Industrial training	400KV Substation Madakkathara, Thrissur	Intern	Feb 2020
		Daksha 2020	Malayalam recitation	SECOND	Feb 2020
			Mappilappattu	FIRST	
			Patriotic song	FIRST	
			Group song	FIRST	
		Invento	Problem hackathon	Event coordinator	March 2020
Band war	coordinator				
24	Jifna	Industrial Visit	11 KV Substation Kanjikode,Palakkad	Intern	Feb 2020
		Quiz	NSS unit GEC PKD College Level	Participant	2019-2020
		'Electric mastery and automation ' workshop	EEE department of MA college, kothamangalam	Participant	18 Aug, 2019
		Internship	At KSEBL, 110kV GIS substation, Gandhi Road, Kozhikode	Intern	01/07/2019 to 05/07/2019

25	Jishma A V	Industrial Visit	11 KV Substation Kanjikode,Palakkad	Intern	Feb 2020
		Quiz	NSS unit GEC PKD College Level	Participant	2019-2020
		Lecture on 'Technopreneurial for the future generations'	NIT Calicut	Participant	18-20, oct 2019
		'Electric mastery and automation ' workshop	EEE department of MA college, kothamangalam College level	Participant	18 Aug, 2019
		Internship	At KSEBL, 110kV GIS substation, Gandhi Road, kozhikode	Intern	01/07/2019 -05/07/2019
26	Jishnu Prasad P	Rehabilitation Programme of Flood Affected Areas.	EMRC -EEE department Club	Social innovative programme	2019-2020
		Malayalam drama	Arts fest College level	Second	Feb 2020
	Kavya Bharathi	Thiruvathira	Arts fest college level	Third	Feb 2020
		Group Dance		First	
		Industrial Visit	11 KV Substation Kanjikode,Palakkad	Intern	Feb 2020
		Quiz	NSS unit GEC PKD College Level	Participant	2019-2020
		Invento	Saptha	Event Subcoordinator	March 2020
28	Karthik P S	Elected student representative	College union	Arts club secretary	2019-2020
		Rehabilitation of Flood Affected Areas.	EMRC -EEE department Club	Social innovative programme	2019-2020
		Nadan pattu	Arts fest College level	Third	Feb 2020
		Invento	College tech fest /multi fest	Core committee member	March 2020
		Industrial Visit	11 KV Substation Kanjikode,Palakkad		Feb 2020
30	MOHAMED NAFIH P	INVENTO	Sponsorship Team	Dept. Coordinator	March 2020
			CAAD Talk class		
		TAKSHAK at MACE	Electric Mastery and Automation Workshop	Participant	2019-20
		Online Quiz competition	NSS Unit,TKM Engineering College	Participant	2019-20
			IEEE SB GEC		

31	Mohammed Niyas K T	INVENTO	College Tech Fest	Department Coordinator	March 2020
32	MUHAMMED ABDUL FATHAH	Online Quiz competition	NSS Unit,TKM Engineering College	Participant	2019-20
		DAKSHA -20 Arts Fest College Level	Vattapattu	First	February 2020
			Mappilapattu	Third	
		INVENTO	College Tech Fest	Finance core coordinator	March 2020
33	Muhammed Ajinas K	Online Quiz competition	NSS Unit,TKM Engineering College	Participant	2019-20
		EMRC Workshop	Basic Electrical and PA system workshop	Coordinator	2019-20
34	MUHAMMED SABEEL P	INVENTO	PERITIA seminar presentation contest	Coordinator	March2020
		5 Day Internship	KSEBL, 110 kv GIS substation, Gandhi road, kozhikode	Intern	July 2019
		DAKSHA- Arts Fest College Level	Group song-Malayalam	First	March 2018
Group song-Hindi	Second				
35	MUHAMMED SALMANUL FARIS V K	Football Tournament	KTU Zonal Games	E zone	2019-2020
		Industrial training	25 KV AC traction System at Kanjikode, Southern Railway, PKD	Intern	August 2019
		EMRC	EEE department club	Participated in, Complete house wiring	10,11 march 2020
37	RAHMATH T A	KSEB Engineers Association with IEEE power and energy	Paper presentation on-'power system resilience strategies'	Participant at district level	20.2.2020
		Industrial Visit	220 KV substation, Kanjikode	Intern	1 february ,2020
		Industrial training	400KV substation, Madakkathara	Intern	15 july-19 july ,2019
		TARANG -19, NIT Calicut	Artificial Intelligence Workshop	Participant	2,3 Nov -19
		TAKSHAK at MACE	Electric Mastery and Automation Workshop	Participant	2019-20
		Online Course by Stanford University	open online course	completed	2019-20

38	RIBIN SHAJ A S	DAKSHA-20,	Vattapattu	First	February 2020
			Kolkali	First	
			Patriotic Song	First	
		INVENTO-20	Games	Coordinator	March 2020
			Evolution Expo	Coordinator	
			Documentation Team	Coordinator	
		Industrial Visit	11 KV Substation Kanjikode,Palakkad	Intern	Feb 2020
39	Saajid KS	Online quiz competition	IEEE SB GEC	Participant	2019-20
			TKM Engg.College		
		Coursera	Control of mobile Robots		2020
		INVENTO	Dark Maze	Coordinator	March 2020
		Javelin Throw	Sports meet, College level	Second	29 Nov2019
40	Sanalvasan KK	Online Quiz	TKM Engg.College	Participant	2019-20
		INVENTO	Scara Robotics Technical Workshop	Coordinator	March 2020
			Scara Robotics Technical Workshop	Participant	
			Event - Hypercube	Coordinator	
			Design Team	Coordinator	
41	SHADIYA SHERIN MK	Online Quiz	TKM Engg.College	Participant	2019-20
		Industrial Visit	11 KV Substation Kanjikode,Palakkad	Intern	Feb 2020
42	SHAHANA SHIRIN K	Industrial Visit	11 KV Substation Kanjikode,Palakkad	Intern	Feb 2020
		Online Quiz	TKM Engg.College	Participant	2019-20
43	SHIFANA PF	Annual Sports Meet College Level	Long jump	First	2019-20
			Triple jump	First	
			4*100m relay	First	
		Badminton	KTU Zonal Games	E-zone runner up	2019-20
		DAKSHA-20, College Arts Fest	Group Song Malayalam	First	February 2020
			Nostalgia(group dance)	First	
		Industrial Visit	110kv KSEB Substation, Kanjikode	Intern	February 2,2020

44	SILPA MOL C	Online Quiz competition	NSS Unit,TKM Engineering College	Participant	2019-20
		Full time lecture	NIT Calicut	Participant	19/10/2019
		TAKSHAK(Annual Technical Event)at MACE	Electric Mastery and Automation Workshop	Participant	2019-20
		Industrial Visit	11 KV Substation Kanjikode,Palakkad	Intern	Feb 2020
46	Sreedhi Thilak	INVENTO	Circuit unbolting	Participant	March 2020
			Device Cracking	Coordinator	
		DAKSHA-20,College Arts Fest	Vanjipattu	Second	February 2020
			Semiclassical music	Participant	
		Industrial Visit	11 KV Substation Kanjikode,Palakkad	Intern	Feb 2020
47	A SREELESH	Badminton Tournament	KTU Zonal games	E -zone game ,participant	17,18 September, 2020
		DAKSHA-20 College Arts Fest	Patriotic Song	Participant	February 2020
			Vanchipattu	Participant	
		IEEE	Online Quiz Competition	Participant	Mar 2020
		Annual Sports Meet,College Level	5000m race	Participant	November 26,2020
		Industrial Visit	11 KV Substation Kanjikode,Palakkad	Intern	Feb 2020
48	SREERAG G	Chess Tournament	KTU Zonal Games	E-zone Participant	October 21,22 2020
		INVENTO	Sponsorship team	Sub-coordinate	March 2020
		Online quiz competition	IEEE SB GEC	Participant	2019-20
		Online Quiz competition	NSS Unit,TKM Engineering College	Participant	2019-20
49	SREERAJ S	Online quiz competition	IEEE SB GEC	Participant	2019-20
		Online Quiz competition	NSS Unit,TKM Engineering College	Participant	2019-20
		Coursera	Control of mobile Robots		2020
		EMRC	ELESCA	Subcoordinator	October 26,2020



50	Swathy M.D	INVENTO 2020	Device Cracking	Coordinator	March 2020
		Industrial visit	220kV substation, Kanjikode, Palakkad		Feb 2020
		5 Day Internship	400kV Substation, Madakkathara, Thrissur	Intern	July 2019
		TARANG-19 (School of Management Studies, NIT, Calicut)	Workshop on Artificial intelligence	Participant	Nov 2019
		TAKSHAK (Techfest, MACE, Kothamangalam)	Workshop on Electric Mastery and Automation	Participant	Aug 2019
51	Thamanna T	INTERFACE-19 (NIT, Calicut)	Lecture on Technopreneurial for the Future Generations	Participant	Oct 2019
		TAKSHAK (Techfest, MACE, Kothamangalam)	Workshop on Electric Mastery and Automation	Participant	Aug 2019
		INVENTO 2020	College Techfest/ Multifest	Dark Maze - Volunteer	March 2020
		Industrial visit	220kV substation, Kanjikode, Palakkad		Feb 2020
52	Vismaya A	INVENTO 2020	Electrazone -	Coordinator	Mar 2020
		Industrial visit	220kV substation, Kanjikode, Palakkad		Feb 2020
		EMRC	Complete House Wiring (Social Innovation) under Kadampazhipuram Grama Panchayath	Participant	Mar 2020
		DAKSHA 2020	Nostalgia Dance	First Prize	Feb 2020
53	Hafssy T S	TAKSHAK (Techfest, MACE, Kothamangalam)	Workshop on Electric Mastery and Automation	Participant	Aug 2019
		Online Quiz competition based on life of Gandhi	NSS Unit of TKM College of Engineering, Kollam	Participant	Feb 2020
		DAKSHA 2020	Hindi Recitation	Participant	Feb 2020

54	Akhil K	EMRC	Complete House Wiring (Social Innovation) under Kadampazhipuram Grama Panchayath	Participant	Mar 2020
		INVENTO 2020	Dark Maze	Volunteer	March 2020
			Engineeria	Coordinator	
		DAKSHA 2020	Story Writing English	Participant	Feb 2020
		ADVAYA 8 (Techfest, GEC Idukki)	Quiz	Second Prize	Mar 2019
		AAKAR 2019 (IIT, Bombay by UTKRANTI)	Workshop on HUMANOID ROBOT at RIE	Participant	
55	Akshay N S	INVENTO 2020	Dark Maze -	Subcoordinator	March 2020
		Online Quiz competition based on life of Gandhi	NSS Unit of TKM College of Engineering, Kollam	Participant	Feb 2020
		EMRC	Complete House Wiring (Social Innovation) under Kadampazhipuram Grama Panchayath	Participant	Mar 2020
		Intercollegiate Cricket Tournament, NSS College Of Engineering, Palakkad	Sports Club	Participant	2018-19
		Keltron	Internship	Participant	
56	Gyanesh Krishna V S	Online Quiz	IEEE SB GEC Palakkad	Participant	MAr 2020
		Online Quiz competition based on life of Gandhi	NSS Unit of TKM College of Engineering, Kollam	Participant	Feb 2020
		MOOC	Course on Control of Mobile Robots	Participant	
		EMRC	ELECSA	Coordinator	Oct 2019
		INVENTO 2020	1SQ mm	Coordinator	March 2020

58	Ajmal Shajahan	EMRC	ELECSA	Coordinator	
			Rehabilitation Programme for Flood Affected Area (Social Innovation) under Edavanna Grama Panchayath	Participant	Oct 2019
		Industrial visit	220kV substation, Kanjikode, Palakkad		Feb 2020
		INVENTO 2020	Evolution Expo	Coordinator	Mar 2020
61	Manju Surendran	EMRC	ELECSA	Coordinator	Oct 2019
		VYDYUTH	EEE Association Day	Subcoordinator	Feb 2020
63	Ahmed Huzaifa	EMRC	Rehabilitation Programme for Flood Affected Area (Social Innovation) under Edavanna Grama Panchayath	Participant	Aug 2019
			ELECSA	Coordinator	Oct 2019
		Industrial visit	220kV substation, Kanjikode, Palakkad		Feb 2020
		Online Quiz competition based on life of Gandhi	NSS Unit of TKM College of Engineering, Kollam	Participant	Feb 2020
		DAKSHA 2020	College Arts Fest	Nostalgia Dance - First Prize	Feb 2020
		INVENTO 2020	College Techfest	GEC Roadies - Coordinator	Mar 2020

#### Student Achievements (2k18 Admission)

Sl. No.	Name	Semester	Participation in National or International Conference/Technical competitions / Arts / Sports / any other achievements Name of Program	Event	Achievement	Year
1	ASLAM V K	S4	Volleyball	E zone sports meet	Semi	2019-2020
			Duff muttu	Annual arts fest	Second	2019-2020
			Volleyball	E zone sports meet	quarter	2018-2019
			Volleyball	Hebin memorial annual volley tournament	Second	2018-2019

2	Abdul Nihaz V M	S4	Invento 2020	Electrical Expo	Coordinator	March 2020
			Salvos 2020	Dramatic Event	Coordinator	2019-2020
3	Ajith K P	S4	Daksha-Annual arts fest	Malayalam recitation	1st prize	2020
				Malayalam essay	2nd prize	
4	ATHULYA K P	S4	Threat on nuclear Terrorism(Stanford university)	Online course	Successfully completed	July ,2019
5	PE Fathima Manfa	S4	Daksha-annual arts fest	Western group song	3rd prize	2019-2020 2020
			Invento 2020	Device cracking	2nd price	

#### Achievements (2k19 Admission)

Sl. No.	Name	Semester	Participation in National or International Conference/Technical competitions / Arts / Sports / any other achievements	Event	Achievement	Year
			Name of Program			
1	AHMED M	S2	Gec Palakkad (EMRC Club)	Workshop on ELECSA (Basic electrical workshop)	Participation	26-08-2020
			Gec Palakkad	Workshop on Basic Electrical & PA system		28-09-2020
			Gec Palakkad	webinar entitled Recent trends in robotics		07-07-2020
			Industrial visit	IRTC Mundur		05-08-2019
2	AISWARYA P JAYAN	S2	Gec Kozhikode	Workshop on AI & ML.	Participation	26/10/2019
			Gec Palakkad (EMRC Club)	Workshop on Electrical Equipments and Soldering Practice		02-02-2020
			INVENTO 2020	CADD Talk		05-03-2020
			Industrial Visit	Meenvallam Substation, Palakkad		01-02-2020
3	AJITH T U	S2	Gec Palakkad (EMRC Club)	Workshop on ELECSA (Basic electrical workshop)	Participation	26-08-2020
			Gec Palakkad	Workshop on Basic Electrical & PA system		28-09-2020
			Industrial visit	IRTC Mundur		05-08-2019

4	ALANA N	S2	Industrial Visit	Meenvallam Substation, Palakkad	Participation	01-02-2020
			Industrial visit	IRTC Mundur		05-08-2019
			Daksha Arts fest	English Essay Writing	Second	10-02-2020
			Gec Palakkad (EMRC Club)	Workshop on ELECSA (Basic electrical workshop)	Participation	28-09-2019
			Gec Palakkad (EMRC Club)	Workshop on Electrical Equipments and Soldering Practice		02-02-2020
			KSCSTE-IPRICK	Webinar series on IPR		01-07-2020
			GEC Palakkad	She Hacks (Hackathon)		21/09/2019 22/09/2019
			Lakshya'20 at GEC Kozhikode	Workshop on Ducati maintenance		27-10-2019
5	AMALA A	S2	Industrial Visit	Meenvallam Substation, Palakkad	Participation	01-02-2020
			Industrial visit	IRTC Mundur		2019
			Gec Palakkad (EMRC Club)	Workshop on ELECSA (Basic electrical workshop)		28-09-2019
			Gec Palakkad (EMRC Club)	Workshop on Electrical Equipments and Soldering Practice		02-02-2020
			KSCSTE-IPRICK	Webinar series on IPR		01-07-2020
			GEC Palakkad	She Hacks (Hackathon)		22/09/2019
			Lakshya'20 at GEC Kozhikode	Workshop on Ducati maintenance		25-27/11/2019
6	AMRITHA T UNNI	S2	MAC Engg.College	Quiz	Participation	16-02-2020
			TKM Engg.College	Quiz		05-03-2020
			Invento	Mozilla Workshop		6-5-2020
			(Invento)	scara robotics workshop		05-05-2020
			Industrial Visit	Meenvallam Substation, Palakkad		01-02-2020
7	ANAINA S R	S2	Gec Kozhikode	Workshop on AI & ML.	Participation	26-10-19
			GEC Palakkad	Workshop on basic electrical and PA system		28-09-2019
			INVENTO 2020	CADD TALK		05-03-2020
			GEC Palakkad	She Hacks (Hackathon)		21-09-19

8	ANANYAKRIS HNA J S	S2	GEC PALAKKAD (EMRC Club)	Workshop on Basic Electrical and PA System	Participation	28-09-2019
			GEC PALAKKAD (EMRC Club)	Workshop on Basic Electronics Equipments and Soldering Practice		02-02-2020
			INVENTO 2020	CADD TALK		06-03-2020
			Tech fest at MA College of Engineering, ERNAKULAM	fusion 360 workshop		07-08-2019
9	ANASWARA P	S2	Tech fest at NIT Calicut	Lecture Astrobiology	Participation	October 18-20 ,2019
			GEC PALAKKAD (EMRC Club)	Workshop on Basic Electrical and PA System		26-Oct-19
			GEC PALAKKAD (EMRC Club)	Workshop on Basic Electronics Equipments and Soldering Practice		28-Sep-19
			Gec Palakkad (EMRC Club)	Workshop on ELECSA (Basic electrical workshop)		02-Feb-20
			online quiz (NSS)	Vyvidyathile vinjanam		05-Jun-20
10	ANEES MOHAMMED V	S2	Industrial visit	IRTC Mundur	Participation	05-08-2019
			Industrial Visit	Meenvallam Substation, Palakkad		01-02-2020
			GEC PALAKKAD (EMRC Club)	Workshop on Basic Electrical and PA System		26-08-2020
			GEC PALAKKAD (EMRC Club)	Workshop on Basic Electronics Equipments and Soldering Practice		28-09-2020
			Gec Palakkad (EMRC Club)	Workshop on ELECSA (Basic electrical workshop)		02-02-2020
			GEC Palakkad(EMRC)	Social Innovation		09-03-2020
11	ANJIMA PRABHAKAR K	S2	NIT KOZHIKODE	Workshop on image processing	Participation	19-10-2019
			GEC Palakkad	She Hacks (Hackathon)		21/09/19 - 22/09/2019
			DAKSHA annual arts fest	OPPANA	First prize	10-02-2020
				vanjipattu	Participation	11-02-2020
				NOSTALGIA	Third prize	11-02-2020
			Industrial visit	IRTC Mundur		05-08-2019
			Industrial Visit	Meenvallam Substation		01-02-2020

12	ANUPAMA R	S2	GEC Kozhikode Lakshya Tech Fest	Workshop on artificial intelligence and machine learning.	Participation	26/10/2019 to 27/10/2019
			TKM Engg.College	Online quiz		16-02-2020
			GEC Palakkad (EMRC)	Workshop on basic electronics equipments and soldering practice.		02/02/2020
			NSS College Ottapalam	General awareness quiz on covid-19.		15-05-2020
			Universal Engg. College, Thrissur	National webinar		03/08/2020 07/08/2020
			Invento 2020	Vandegraff generator event		05/03/2020
			Industrial visit	IRTC Mundur		05-08-2019
3	ANUPAMA S	S2	Industrial visit	IRTC Mundur	Participation	05-08-2019
			Industrial Visit	Meenvallam Substation, Palakkad		01-02-2020
			GEC Palakkad	Basic electrical workshop		28-09-2020
			GEC Palakkad	She Hacks (Hackathon)		21/09/2019 ,
			GEC Kozhikode	Workshop on AI and ML		26/10/2019 ,
13	ARJUN P	S2	GEC Kozhikode	Workshop on AI and ML	Participation	26/10/2019
			Gec Palakkad (EMRC Club)	Workshop on Basic Electrical and PA System		28-09-2019
			INVENTO 2020	CADD TALK		05/03/2020
			Industrial visit	IRTC Mundur		05-07-2019
			Industrial Visit	Meenvallam Substation, Palakkad		01-02-2020
14	ASHIRVAD R K	S2	GEC Kozhikode	Workshop on AI & ML.	Participation	26/10/2019
			Industrial visit	IRTC Mundur		05-08-2019
			Industrial Visit	Meenvallam Substation		01-02-2020
			Invento 2020	CADD TALK		05-03-2020
15	ASWIN THAMBI P P	S2	GEC kozhikode	Workshop- on AI & ML.	Participation	26/10/19
			GEC palakkad (EMRC CLUB)	Workshop on Basic Electrical and PA System		28/09/19
			GEC palakkad (EMRC CLUB)	Workshop on Electrical Equipments and Soldering		02/02/2020
			INVENTO 2020	CADD TALK		05/03/2020
			Industrial Visit	Meenvallam Substation		01/02/2020

16	ATHIRA R	S2	Industrial visit	IRTC Mundur		
			Industrial Visit	Meenvallam Substation, Palakkad	Participation	05/08/2019
17	ATHUL V UDHAY	S2	Industrial visit	IRTC Mundur	Participation	05-08-2019
			Industrial Visit	Meenvallam Substation, Palakkad		01-02-2020
			GEC Palakkad (EMRC)	Workshop on ELECSA(Basic electrical workshop)		26/08/2020
			GEC Palakkad (EMRC)	Workshop on Basic Electrical & PA system		28-09-2020
			GEC Palakkad(EMRC)	Workshop on electrical equipments and soldering practice		02/02/2020
			GEC Palakkad(EMRC)	Social Innovation		09-03-2020
18	BAHEERA	S2	NIT Calicut (Techfest)	Workshop on Mobile photography	Participation	19-10-2019
			Gec Palakkad (EMRC Club)	Workshop on Basic Electrical and PA System		28-09-2019
			IEEE	Poster making competition	First prize	08-11-2019
			DAKSHA annual arts fest	OPPANA	First prize	05-03-2020
				NOSTALGIA	Third prize	
19	BHAGYARAJ M P	S2	Industrial visit	IRTC Mundur	Participation	05/08/2019
			Industrial Visit	Meenvallam Substation,		01-02-2020
			GEC Palakkad	Workshop on ELECSA		26/08/2020
			GEC Palakkad (EMRC)	Workshop on Basic Electrical & PA system		28-09-2020
			GEC Palakkad (EMRC)	Workshop on electrical equipments and soldering		02/02/2020
			GEC Palakkad (EMRC)	Social Innovation		09-03-2020
20	DEVA PRIYA T	S2	Gec Kozhikode	Workshop on AI & ML.	Participation	26/10/2019
			Gec Palakkad (EMRC Club)	Workshop on Basic Electrical and PA System		28/09/2019
			Gec Palakkad (EMRC Club)	Workshop on Electrical Equipments and Soldering		02/02/2020
			Industrial visit	IRTC Mundur		05-07-2019
			Industrial Visit	Meenvallam Substation		01-02-2020



21	DRISYA S	S2	Gec Kozhikode	Workshop on AI & ML.	Participation	26/10/2019-
			TKM college of engineering	Quiz (nss unit)		13/2/2020
			Gec Palakkad	Aerodynamic workshop		06-03-2020
			Gec Palakkad	Quiz(nss unit)		05-06-2020
			Gec Palakkad	workshop on basic electrical and PA		28-09-2019
			Gec Palakkad	wie maestro quiz competition (IEEE)		07-07-2020
			college of engineering Nashik	quiz - nss unit		17/07/2020
			Industrial visit	IRTC Mundur		05-07-2019
			Industrial Visit	Meenvallam Substation, Palakkad		01-02-2020
22	FAHAD C		GEC KOZHIKODE	Workshop on AI & ML.	Participation	26/10/2019-27/10/2019
			GEC PALAKKAD	Workshop on Basic Electrical and PA System		28-09-2019
			GEC PALAKKAD	Workshop on Electrical Equipments and Soldering		02-02-2020
			GEC PALAKKAD	webinar on cyberspace myths and facts		12-08-2020
			Industrial visit	IRTC Mundur		05-07-2019
			Industrial Visit	Meenvallam Substation, Palakkad		01-02-2020
23	FATHIMATH SALIHA A T	S2	GEC Palakkad(EMRC)	Workshop on Basic electronics and Soldering practice	Participation	02/02/2020
			Gec Palakkad(EMRC)	Basic Electrical workshop-ELECSA-		26/10/2019
			Industrial Visit	Meenvallam Substation, Palakkad		01-02-2020
			Gec Palakkad	CADD TALK		05-03-2020
			DAKSHA	OPPANA		First prize
24	HADIYA EBRAHIM	S2	Gec Palakkad	CADD TALK		05-03-2020
			Gec Palakkad	She Hacks (Hackathon)		21/09/2019
			Gec Palakkad (EMRC Club)	Workshop on Basic Electronics Equipments and Soldering Practice		02/02/2020

			Industrial visit	IRTC Mundur		05-07-2019
			Industrial Visit	Meenvallam Substation, Palakkad		01-02-2020
25	HARITHA E S	S2	GEC PALAKKAD	Workshop on Basic Electrical and PA System		28-09-2019
			Industrial visit	Meenvallam substation, Palakkad		01-02-2020
			GEC Palakkad	CADD TALK		05-03-2020
			GEC Kozhikode	Workshop on AI & ML		26/10/2019 27/10/2019
			IEEE	Quiz		16-04-2020
26	HIBA K K	S2	Gec Palakkad (EMRC Club)	Workshop on Basic Electrical and PA System	Participation	28/09/2019
			Gec Palakkad (EMRC Club)	Workshop on Basic Electronics Equipments and Soldering Practice		02/02/2020
			GEC Palakkad	SHEHACKS (HACKATHON) .		21/09/2019 22/09/2019
			Invento 2020	CADD TALK		05/03/2020 06/03/2020
			NSS-TKM engineering clg	Quiz		
			Industrial visit	Meenvallam substation, Palakkad		01-02-2020
27	HRISHIKESH K M	S2	GEC Kozhikode-	bugatti workshop,	Participation	27-10-2019
			Industrial visit	IRTC Mundur		05-07-2019
			Industrial Visit	Meenvallam Substation, Palakkad		01-02-2020
28	IRSHANA M	S2	Industrial visit	IRTC Mundur	Participation	05-07-2019
			Industrial Visit	Meenvallam Substation, Palakkad		01-02-2020
			GEC Palakkad (EMRC)	Workshop on ELECSA		26/08/2020
			GEC Palakkad (EMRC)	Workshop on Basic Electrical & PA system		28-09-2020
			GEC Palakkad (EMRC)	Workshop on electrical equipments and soldering practice		02/02/2020
			GEC Palakkad	Vyvidyathile Vinjanam - Online quiz (NSS Unit)		05-06-2020

29	LAKSHMI S RAJ	S2	Mar Athanasius College of Engineering Kothamangalam	Workshop on Python	Participation	27-10-2019
			Gec Palakkad (EMRC Club)	Workshop on Basic Electrical and PA System		28-09-2019
			Gec Palakkad (EMRC Club)	Workshop on Electrical Equipments and Soldering		02-02-2020
			Industrial Visit	Meenvallam Substation, Palakkad		01-02-2020
			Gec Palakkad	Workshop on Scara Robotics		04/02/2020 - 05/02/2020
30	MALAVIKA SURESH	S2	Tech fest at Gec Kozhikode	Ducati maintenance Workshop	Participation	27-10-2019
			Gec Palakkad (EMRC Club)	Workshop on Basic Electrical and PA System		28-09-2019
			Gec Palakkad (EMRC Club)	Workshop on Electrical Equipments and Soldering		02-02-2020
			Gec Palakkad	SHE HACKS (hackathon)		21/09/2019
			Industrial visit	IRTC Mundur		05/08/2019
			Industrial Visit	Meenvallam Substation		01-02-2020
31	MIZAJA PARVEEN K	S2	NIT Calicut (Techfest)	Workshop on Mobile photography	Participation	19-10-2019
			Gec Palakkad (EMRC Club)	Workshop on Basic Electrical and PA System		28-09-2019
			Gec Palakkad	SHE HACKS 2018		21/09/2019
			Gec Palakkad (EMRC Club)	Workshop on Electrical Equipments and Soldering Practice	Coordinator	02/02/2020
			DAKSHA 2020	OPPANA	First prize	11-02-2020
			INVENTO 2020	CADD TALK	Participation	05-03-2020
			Industrial visit	IRTC Mundur		05/08/2019
			Industrial Visit	Meenvallam Substation, Palakkad		01/02/2020
			KTU E-Zone Inter collegiate Volleyball	E-Zone	First prize	05-03-2020
			Daksha 2019	NOSTALGIA	Third prize	26-11-2019
			Sports meet -college level	Discuss Throw	Third prize	26-11-2020
Shot Put	Third prize					

32	MOHAMMED ALI ILLYAS	S2	Gec Kozhikode	Workshop on AI & ML.	Participation	26/10/2019 & 27/10/2019
			Gec Palakkad (EMRC Club)	Workshop on Basic Electrical and PA System		28-09-2019
			Gec Palakkad (EMRC Club)	Workshop on Electrical Equipments and Soldering Practice		02-02-2020
			Gec Palakkad	CADD TALK		05-03-2020
			Industrial visit	IRTC Mundur		05-08-2019
			Industrial Visit	Meenvallam Substation, Palakkad		01/02/2020
33	MOHAMMED ASLAM A K	S2	Gec Kozhikode	Workshop on AI & ML.	Participation	26/10/2019 27/10/2019
			Gec Palakkad (EMRC Club)	Workshop on Basic Electrical and PA System		28-09-2019
			Gec Palakkad (EMRC Club)	Workshop on Electrical Equipments and Soldering		02-02-2020
			Invento 2020	CADD TALK		05/03/2020
			Industrial visit	IRTC Mundur		05-08-2019
			Industrial Visit	Meenvallam Substation, Palakkad		01-02-2020
34	MOHAMMED SALEH A	S2	Gec Kozhikode	Workshop on AI & ML.	Participation	26/10/2019
			Gec Palakkad (EMRC Club)	Workshop on Basic Electrical and PA System		28-09-2019
			Invento 2020	CADD TALK		05/03/2020
			Industrial visit	IRTC Mundur		05-08-2019
			Industrial Visit	Meenvallam Substation		01-02-2020
35	Mufeedha binth musthafa m.m	S2	NITCalicut	pottery workshop	Participation	18/10/19
			Arts Fest - college	Arabic poem writing	First prize	10-02-2020
			GEC palakkad. (EMRC club)	Workshop on Basic Electronics Equipments and Soldering Practice	Participation	2/2/2020
			GEC palakkad. (EMRC club)	SCARA ROBOTICS workshop.		26/10/2019
			GEC palakkad. (EMRC club)	Elecsa-Basic electrical workshop		22/7/19 - 6/8/19
			Industrial Visit	Meenvallam Substation, Palakkad		01-02-2020

36	NITHYA K	S2	Industrial Visit	Meenvallam Substation, Palakkad	Participation	01-02-2020	
			Industrial visit	IRTC Mundur		2019	
			GEC palakkad. (EMRC club)	Elecsa-Basic electrical workshop		28-09-2019	
			GEC palakkad. (EMRC club)	Workshop on Basic Electronics Equipments and Soldering Practice		02-02-2020	
			GEC palakkad	She Hacks		21-22/09/19	
			GEC Kozhikode	Workshop on Ducati maintenance		25-27/11/2019	
37	POOJA RAVEENDRAN	S2	Gec palakkad	social Innovation	Participation	9/03/2020	
			Gec Palakkad (EMRC Club)	Workshop on Basic Electrical and PA System		28-09-2019	
			Industrial Visit	Meenvallam Substation, Palakkad		05-03-2020	
38	PRANAV.T.V	S2	Gec Kozhikode	Workshop on AI & ML.	Participation	26/10/2019	
			TKM Engg. College	Online Quiz (NSS Unit)		16-02-2020	
			Industrial visit	IRTC Mundur		05/08/2019	
39	PRUDHA A P	S2	Industrial visit	IRTC Mundur	Participation	.5/08/2019	
			Industrial Visit	Meenvallam Substation		.1/02/2020	
			Gec Palakkad (EMRC Club)	Basic electrical workshop		28-09-2020	
			GEC Palakkad	She Hacks		21/09/2019 ,	
			GEC Kozhikode	Workshop on AI and ML		26/10/2019 ,	
40	RACHANA RAJESH	S2	GEC Kozhikode	Workshop on AI and ML	Participation	26/10/2019	
			Gec Palakkad (EMRC Club)	Workshop on Basic Electrical and PA System		28-09-2019	
			Gec Palakkad (EMRC Club)	Workshop on Electrical Equipments and Soldering		02/02/2020	
			Invento 2020	CADD TALK		05-03-2020	
			Industrial Visit	Meenvallam Substation		01-02-2020	
41	RAGITHA K	S2	Gec Kozhikode	workshop on AI & ML	Participation	26/10/2019	
			TKM Engg.College	Quiz competition nss unit		First prize	16/02/20202
			Gec Palakkad	National level E-quiz ns		participation	24/07/2020
			IEEE SB	wie maestro quiz			08/02/2020.

42	REMYA PRASAD C R	S2	Industrial Visit	Meenvallam Substation, Palakkad	Participation	01-02-2020
			Industrial visit	IRTC Mundur		05/08/2019
			GEC palakkad EMRC Club	Basic electrical workshop		28-09-2019
				workshop Basic electronics equipments and soldering		02-02-2020
			KSCSTE-IPRICK	Webinar series on IPR		01-07-2020
			TKM engineering college	NSS online quiz		16-02-2020
43	RISVA A RAHIMAN	S2	NIT Calicut	Workshop on pottery	Participation	18/10/2020-20/10/2020
			MACE Kothamangalam	Python workshop		27-10-2020
			Gec Palakkad (EMRC Club)	workshop - basic electronics equipment and soldering		23/04/2020
				Workshop ELECSEA		26-10-2019
				Basic Electrical and PA system workshop		28-09-2019
			GEC Palakkad IEEE SB	YIP talks		26-01-2020
				embedded systemworkshop		
			TKM Engg.College	Gandhi quiz by NSS		16/02/2020
			Industrial Visit	Meenvallam Substation, Palakkad		01-02-2020
			Industrial visit	IRTC Mundur		05/07/2019
44	SABNA K I	S2	NIT Calicut	Lecture	Participation	18/10/2020-
			MACE	Python workshop		27-10-2020
			IEEE SB GEC Palakkad	Technical quiz		23/04/2020
				Game development		25-01-2020
				YIP Talks		26-01-2020
			GEC palakkad EMRC Club	Workshop ELECSEA		26-10-2019
				Basic Electrical and PA system workshop		28-09-2019
			Invento 20	Problem Hackathon		05-03-2020
			TKM Engg college	Gandhi quiz by NSS		16-02-2020
			Industrial Visit	Meenvallam Substation		01/02/2020
			Industrial visit	IRTC Mundur		05-07-2019

45	SANDEEP S	S2	Invento 20	Problem Hackathon	Participation	05-03-2020
46	SANJAY B	S2	GEC Kozhikode Lakshya '19	Ducati maintenance workshop	Participation	27-10-2019
			GEC palakkad EMRC Club	Basic electronics equipments & Soldering		02-02-2020
			Invento 20	CADD TALK		05-03-2020
			TKM Engg. college	online Quiz (NSS Unit)		16-02-2020
			Industrial Visit	Meenvallam Substation		01-02-2020
			Industrial visit	IRTC Mundur		05-08-2019
47	SARAN P S	S2	Industrial Visit	Meenvallam Substation	Participation	01/02/2020
			Industrial visit	IRTC Mundur		05/08/2019
			GEC Kozhikode Lakshya '19	Ducati maintenance workshop		27/10/2019
			IEEE SB	QUIZ		23-04-2020
48	SHIBILI K T	S2	GEC palakkad EMRC Club	Workshop on Basic Electrical and PA System	Participation	28-09-2019
				Workshop-asic Electronics Equipments and Soldering		02-02-2020
			Invento 20	CADD TALK		07/09/2020
			MA COLLEGE OF ENGINEERING ERNAKULAM	Attended fusion 360 workshop-rim conducted as part of "TAKSHAK'19"		05/08/2019
			Industrial Visit	Meenvallam Substation		01-02-2020
49	SHIBIN KRISHNAN S R	S2	Industrial visit	IRTC Mundur	Participation	05-Jul-19
			GEC palakkad EMRC Club	Workshop-Basic Electronics Equipments and Soldering		02-02-2020
			Tkm Engg. college	Quiz(NSS unit)		16-02-2020
50	SHILNA ANN K S	S2	EKC Manjeri	ktu E-zone intercollegiate basketball tournament	Participation	21-22 oct 2019
			GEC palakkad EMRC Club	ELESCA		26-Oct-19
				Basic electrical and PA system workshop		28-Sep-19
				Workshop-Basic Electronics Equipments and Soldering		02-Feb-20
			TKM Engg. college	Quiz		16-Feb-20
			Industrial Visit	Meenvallam Substation		01-Feb-20
			Industrial visit	IRTC Mundur		05-Jul-19

51	SMINA M	S2	GEC palakkad EMRC Club	ELESCA basic electrical workshop	Participation	26-10-2019
			Universal Engineering College, Thrissur	National webinar Recent trends in science, technology and socio-economy		3/8/2020 to 7/8/2020
			GEC Palakkad Invento 20	SCARA ROBOTICS workshop.		4/2/2020 to 5/2/2020
			Industrial Visit	Meenvallam Substation, Palakkad		01-02-2020
52	SREELAKSHM Y S	S2	GEC IDUKKI IEEE	WIE MAESTRO-QUIZ	Participation	07-07-2020
			GEC palakkad EMRC Club	Basic electrical and PA system workshop		28-09-2019
			TKM college of engineering - NSS	QUIZ		16-02-2020
			GEC Palakkad Invento 20	PROBLEM HACKATHON		05-03-2020
			Vidya Academy of Science and Technology	QUIZ by NSS UNIT		08-06-2020
			Industrial Visit	Meenvallam Substation, Palakkad		26/10/2019 27/10/2019
			Ahalia School of Engineering and Technology	ONLINE VIDEO QUIZ 2020		26-05-2020
			Industrial Visit	Meenvallam Substation,		05-08-2019
53	SREENATH U	S2	GEC palakkad EMRC Club	Workshop on Basic Electrical and PA System	Participation	28-09-2019
			GEC palakkad EMRC Club	Workshop on Basic Electronics Equipments and Soldering Practice		02-02-2020
			Industrial visit	IRTC Mundur		01-02-2020
			Industrial Visit	Meenvallam Substation, Palakkad		05/03/2020 06/03/2020
			Invento 20	CADD TALK		07/09/2020
54	SRUTHI T P	S2	GEC palakkad EMRC Club	Workshop on Basic Electrical and PA System	Participation	28-09-2019
				Workshop-Basic Electronics Equipments and Soldering		02-02-2020
			TKM Engg. college	QUIZ		16-02-2020
			GEC Kozhikode Tech Fest	Dugati Maintenance workshop		27-10-2019



55	VISHNU SUNIL	S2	GEC palakkad EMRC Club	Wired a house belonging to kadampazhipuram panchayat as a part of SOCIAL INNOVATION.	Participation	01-03-2020
			GEC PALAKKAD NSS Unit	quiz competition		05-06-2020
			GEC palakkad EMRC Club	Workshop on Electrical Equipments and Soldering Practice		02-02-2020
			Industrial Visit	Meenvallam Substation, Palakkad		01-02-2020
56	YADHUKRISH NAN A K	S2	Gec Kozhikode	Workshop on AI & ML	Participation	26/10/2019 27/10/2019
			GEC palakkad EMRC Club	Workshop on Basic Electrical and PA System		28/09/2019

#### **4. FACULTY ACHIEVEMENTS**

##### **4.1 FACULTY PUBLICATION DETAILS**

Year	Authors	Title of paper	Journal/Conf.	Journal/Conf. details
2019-20	M.Sajitha, J.Sandeep, Rijil Ramchand	Comparative Analysis of Different Modulation Techniques for Three Level Three Phase T-type NPC Inverter	Conference	TENCON 2019-2019 IEEE Region Conference, conducted on 17-20 of October 2019.
2019-20	M.Sajitha, Rijil Ramchand	Space Vector PWM Scheme for Three Phase Three Level T-type NPC Inverter	Conference	2019 2nd International conference on Intelligent Computing, Instrumentation and Control Technologies (ICICT) conducted on 5-6 of July 2019.
2019-20	Praveen S Babu Nithin Xavier Bijnan Bandyopadhyay	Robust output regulation for state feedback descriptor systems with nonovershooting behavior	Journal	European Journal of control, Volume 52, March 2020, Pages 19-25
2019-20	Muhammedali Shafeeque K, K. T. Ajmal, B. Jayanand	A Novel Four Switch Infinite Level Inverter	Journal	Journal of Circuits, Systems and Computers, World Scientific
2019-20	Muhammedali Shafeeque K, K. T. Ajmal, B. Jayanand	A Modified Three Phase Infinite level Inverter with Improved DC Bus Utilization	Conference	IEEE International Conference on Communication and Electronics Systems (ICCES), DOI: 10.1109/ICCES48766.2020.9137913
2019-20	Muhammedali Shafeeque K, Salma Abdul Aziz, K.T. Ajmal	An Integrated Transformerless Step-Up Inverter for Low Voltage DC Applications	Conference	International Conference- ICCES Feb 2020

2019-20	Muhammedali Shafeeque K, Anita Maria Sunny, Arjay J, Mohammed Ali Sajid, Nabeel Mohammed, Baiju R Naina	Power Electronic Interface for Low Voltage DC Link Using Photovoltaic Cells with ANN based MPPT	Conference	IEEE International Conference on Smart Instrumentation, Measurement and Application (ICSIMA)-April 2020
2019-20	Muhammedali Shafeeque K, Irene Tenison, Rahul P. Bharathan, Don Kurian, Jerin Sam Rajan, Ahamed T.P. Imthias	Feynman Machine: A Cortical Machine Intelligence for Path Detection in Advanced Driver-Assistance Systems	Conference	TENCON 2019-2019 IEEE Region Conference, conducted on 17-20 of October 2019.
2019-20	Muhammedali Shafeeque K, Salma Abdul Aziz Kormath, K.T. Ajmal	Non-Isolated Five Switch CCM Boost Inverter	Conference	IEEE International Conference on Electronics and Sustainable Communication Systems (ICESC) - July 2020

#### 4.2 FACULTY TRAINING - STTP/ FDPs

Year	Faculty	Course Name	DTE/TEQIP /Others	Organiser	Period
2019-20	Sajitha.M	Emerging Trends in Hybrid Electric Vehicle	TEQIP II	Electrical & Electronics Dept, GEC, Thrissur	02-06 December 2019
2019-20	Muhammad Farooque EK	Pedagogical Training on "Teaching Effectiveness"	TEQIP II	Teaching & Learning Center IIT Madras	07-09 December 2019
2019-20	Praveen S Babu	System Identification and Parameter Estimation	TEQIP-II	Dept. of EE, CET	9-13 December 2019
2019-20	Praveen S Babu	Image Processing with Python	DTE	Dept. of ECE CET	6-11 Jan 2020
2019-20	Muhammedali Shafeeque K	Emerging Trends in Hybrid Electric Vehicle	TEQIP II	Electrical & Electronics Dept, GEC, Thrissur	02-06 December 2019

#### 4.3 VFS/VES/ EXPERT TALKS CONDUCTED FOR STUDENTS

Year	Faculty	Topic and Details of Faculty	VFS/VES/ TEQIP/....	Class	Date(s)	Expenditure
2019-20	Vinita Chellappan	"Elements of Satellite Launch Vehicle" by K R Mohan Anathanarayanan, Head, Quality Division External (Mechanical)(Retd.) VSSC, ISRO.	Visiting Faculty Programme	S6EEE and IEEE students	07/02/2020 9:30 - 12:30	Rs. 7367
2019-20	Sajitha.M	"Motivation and Mentoring" by Dr. Mala Madathil, Associate professor, Montfort College, Bangalore (Part Time faculty)	Visiting Faculty Programme	S1EEE 2019 batch	23/07/2019 9:30 - 12:30	Rs.5740
2019-20	Muhammedali Shafeeque K	"EV Architecture And Electric Drives" by Mr. Nishanth, Architect, Automotive Industry	Visiting Faculty Programme	S7 EEE 2016 Batch	12/09/2019 1:30 - 04:30	Rs.5790
2019-20	Muhammedali Shafeeque K	"Hands on Session on Drives" by Mr. Mohammed Aslam, CEO, inQube Innovations, Ernakulam	Visiting Faculty Programme	S7 EEE 2016 Batch	12/09/2019 1:30 - 04:30	Rs.5790

#### 4.4 OTHER ACTIVITIES

Year	Faculty	Activity/Topic Name	Specify Category	Class/ Audience/ beneficiary	Date	Expenditure
2019-20	Jose Sebastian T. K.	Talk on Job Opportunities	Induction Training Program for students	S1EEE	07/08/19	
2019-20	Dr.Vinita Chellappan	Maintenance club activity	Induction Training Program for students	S1EEE	26-07-19	
2019-20	Dr.Vinita Chellappan	Introduction to KTU and Regulations	Induction Training Program for students	S1EEE	08/08/19	
2019-20	Praveen S Babu	Visit to Meenvallam Power station	Industrial visit under III Cell	S2EEE	01-02-2020	Rs. 7675
2019-20	Praveen S Babu	Delivered a Talk "On some scientific companions available for an engineering student" for first year student induction training programme	Induction Training Program for students	S1EE	1/8/2019	NIL
2019-20	Abdul Kareem P V	Visit to 110kV Kalladikode Substation	Industrial visit under III Cell	S4EEE	01-02-2020	Rs. 7315
2019-20	Abdul Kareem P V	Creative awareness programme	Induction Training Program for students	S1EEE	24-07-19	
2019-20	Shafeeque K M Vinita Chellappan	Visit to 220kV Kanjikode Substation	Industrial visit under III Cell	S6EEE and S8EEE	01-02-2020	
2019-20	Sajitha.M	Conducted various programmes in connection with Student induction programme 2019-20 for first year B.Tech EEE students as per KTU/AICTE guidelines	Induction Training Program for students	S1EEE	From 22/07/19 to 09/08/19	
2019-20	Muhammad Farooque EK Muhammedali Shafeeque K	Technical visit to Center of excellence at CET and GEC, Barton hill			06-07 January 2020	
2019-20	Muhammad Farooque EK	Quiz	Induction Training Program for students	S1EEE	30-07-19	
2019-20	Muhammad Farooque EK	Creative Workshop	Induction Training Program for students	S1EEE	2 August 2019	
2019-20	Muhammedali Shafeeque K	Creative Workshop	Induction Training Program for students	S1EEE	01/08/19	
2019-20	Pavithra.K.N	Visit to IRTC Mundur	Induction Training Program for students	S1EEE	05/08/19	

4.5 FUNDED RSM PROJECTS						
Year	Faculty	Project Title	TEQIP/ CERD/Others	Student/Classes	Date of completion	Expenditure
2019-20	Vinita Chellappan	Path planning for UAV	CERD	S8EEE (2k17 Admission)		

### Photographs of major events in the Department

1. Motivational talk by Mentor (Dr Jayamala Madathil) under VFS in connection with Induction training of first year students.



2. Creative Activities by Prof. Abdul Kareem P.V for first year students.



3. A talk on “ Anti Ragging” by Adv.Ajith (Legal service Authority)



4. A Talk on “Job Opportunities” by Prof. Jose Sebastian T. K/HOD/EE



5. Visit to IRTC Mundur, Palakkad



6. Visit to Meenvallam



7. Visit to 110 kV Substation Kalladikode

