



Academic Year 2020- 21-Annual Report

Department of Electronics and Communication Engineering

1. Department Events Organized

Guest Lecture

DATE	TIME	WEBINAR TOPIC	RESOURCE PERSON	DESIGNATION OF RESOURCE PERSON	NO. OF REGISTRATION	NO.OF FEED BACK
5th may 2020	4.00pm -6.0pm	Webinar on Career Guidance	Ms.Sureka.N	Assistant Professor & Head /ECE Department-SMKFIT	150	92
1ST June 2020	4.00pm -6.0pm	Webinar on Microsoft office 365	Mr.Shabarla Hameed	Project manager demicrocloud technologies	992	518
14TH June 2020	4.00PM TO 5.00PM	Recent Trends in Automobile Industry	Mr.Sam Sylvester	Assistant Manager, Hyundai Motor India.LTD	400	230
2nd july and 3rd July 2020	5.00pm - 6.00pm	Importance of softskills and etiquette	Dr.K.P.Sharma	,Professor English and Soft Skill, St.peters college of Engineering ,Hyderabad	230	120
26-09-2020	4.00pm to 6.00pm	NS2 Simulations	Dr.B.Ezhilavan	managing Director, Vei technologies	166	157
21-09-2020	1.00pm to 2.00pm	<i>An overview on Small signal analysis of Transistors</i>	Mrs.P.Senthil priya	Senior Assistant Professor Gojan School of Business & Technology	32	32
03 March 2021	10.00a m to 12.00p m	Motivation & successs	Mr.S.Swaminathan	Soft skill trainer & Motivational speaker	92	85
03 April 2021	10.00a m to	What industry expects from Fresh	Mr.G.B.Isaac Patturaja	Seasoned Human Relationship Professional & Motivational	96	90

	12.00p m	Engineering graduates		Speaker. Sanmina PVT.Ltd		
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- **Seminar**

DATE	TIME	SEMINAR TOPIC	RESOURCE PERSON	DESIGNATION OF RESOURCE PERSON	NO. OF STUDENT PARTICIPATION
20.03.21	1.00 to 3.00 pm	microprocesor & microcontroller applications in robotics & automation	Mr. Ezhilarasan	Research head & Hardware Engineer of JPN Infotech Solution	28

- **Institutional Activity (2020-2021)**

S No.	Name of the scheme	Organising unit / Agency / collaborating agency	Name of the activity	Number of teachers coordinated in such activites	Number of students participated in such activites
1	Sadak Suraksha – Jeevan Raksha	Government of Tamilnadu	Road Safety Awareness - Mini Marathon	12	432
2	Safe Blood for All	Rotary Club of Chennai and Apollo Hospitals, Chennai	Donate Blood, Save a Life	4	125

Details of workshop, seminars, conference, papers published in the journal by the faculties of Department of Electrical and Electronics Engineering

1. **Guest Lecture Delivered** : At “Gojan school of Business & Technology” on Microprocessor & Microcontroller application & development” On 22.09.20.

FDP

S.No	TOPIC	Event	Date	Organized by	Target Audience
1.	PLC programming using 820 Controllers	FDP	15.02.21 TO 19.02.21	NITTTR ,CHENNAI	Electronic Engineers, researchers, faculties
2.	Electronics Circuits –I	FDP	24.05.21 TO 29.05.21	Department of Electronics and Communication Engineering, Anna University, Chennai	Electronic Engineers, researchers, faculties

Faculty Publication Details

1. The paper titled “Charging Station for E-Vehicles using solar & IOT” Published in the International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE), Volume 10 , Issue 7 , July 2021, Chennai, Tamilnadu.
2. The paper titled “Deterrence and defense against Primary User Emulation Attack Using Area correlation based Localization Technique” published in the Proceeding by Springer at the INTERNATIONAL CONFERENCE ON INNOVATIVE TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT (ICITSD2021) held from 27th to 29th January, 2021 at Vellore Institute of Technology (VIT), Chennai, India.(Published in Scopus Index).

Contributions made by the STUDENTS of Electrical and Electronics

Engineering:

- **Paper presentation**

1. The paper titled “Charging Station for E-Vehicles using solar & IOT” Published in the International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE), Volume 10 , Issue 7 , July 2021, Chennai, Tamilnadu.
2. The paper was presented **by the students**, Ashwin, Manvitha, Ummu Salma & Jammu Mounika, **at the** “National Conference on **Advancements** in Emerging Technologies (NCAET-2021)” organized by the *ECE department* of Meenakshi Sundarajan Engineering College, Chennai on 10th April 2021.

Department of Computer Science and Engineering

No	Name of the Faculty	Name of the Training Program attended	organized by the Training Center	Duration	. Dates From To
1	Vijaianand.S.K	“Inculcating Universal Human Values in Technical Education”	AICTE	5 Days	19.10.2020 – 23.10.2020
2	Vinod.D	Cryptography and Network Security	ANNA UNIVERSITY	8 Days	14.06.2021 – 19.05.2021
		Theory of Computation	Sri Sai ram Institute of Technology	5 Days	22.06.2020 – 26.06.2020
		Integrated Advanced Technologies to Industry 4.0	SRM Institute of science and technology	5 Days	04.06.2020 – 08.06.2020
		Understanding OBS studio & Stream yard for E-Content creation and Live Streaming	Dr.M.G.R Educational and Research Institute	2 Days	10.06.2020 – 11.06.2020
3	Boopathi.U	Artificial Integrated web services	Easwari Engineering college	5 Days	25.05.2021 – 29.05.2021

DEPARTMENT OF Science & Humanities

No	Name of the Faculty	Name of the Training Program attended	organized by the Training Center	Duration	Dates From - To
1	P.Arunachalam	Smart Technologies for Drug Design,Energy and Environment		7 Days	01.09.2020 - 07.09.2020
2		Futuristic trends of language and literature - Impact on 21st century Learners	SRM Institute of science and technology	6 Days	13.07.2020 - 18.07.2020
3		Recent trends in Material Frontiers	St.Joseph,s college of Engineering	2 Days	29.05.2020 - 30.05.2020
4		Online UHV Refresher	AICTE	5 Days	15.02.2021 - 19.02.2021
5		Smart and Nano Materials	Easwari Engineering	5 Days	14.09.2020 -

			college		18.09.2020
6		Inculcating Universal Human Values in Technical Education	AICTE	5 Days	24.08.2020 - 28.08.2020
7		Inculcating Universal Human Values in Technical Education	AICTE	5 Days	19.10.2020 - 23.10.2020

DEPARTMENT OF MECHANICAL ENGINEERING

No	Name of the Faculty	Name of the Training Program attended	organized by the Training Center	Duration	. Dates From To
1	R.ASHOK KUMAR	Recent Advancement in mechanical engineering	Bharath institute of Engineering & Technology	Five Days	22.06.2020 - 26.06.2020
2	R.ASHOK KUMAR	Fracture mechanics	PES institute of technology and managements	Three Days	24.06.2020 - 26.06.2020
3	R.ASHOK KUMAR	Future trends in shipping	AMET	Five Days	01.06.2021 - 05.06.2021
4	R.ASHOK KUMAR	Friction stir welding	AAA college of engineering and technology	Three Days	09.07.2020 - 11.07.2020
5	R.ASHOK KUMAR	Advancement in manufacturing and optimization techniques	Jayamukhi institute of technological science	Five Days	22.06.2020 - 26.06.2020
6	R.ASHOK KUMAR	IPRs for professional innovators	Vinayaka Mission Research and Foundation	Five Days	16.06.2020 - 20.06.2020
7	R.ASHOK KUMAR	Open Educational Resources	Tamilnadu Open University	Two Days	04.06.2020 - 05.06.2020
8	R.ASHOK KUMAR	Advanced Materials Research		Five Days	15.02.2020 - 19.06.2020

DEPARTMENT OF BIO MEDICAL ENGINEERING

No	Name of the Faculty	Name of the Training Program attended	organized by the Training Center	Duration	Dates From - To
1	Ms.K.Kala	Self assessment in Laboratory and guiding student projects	NITTR	5 Days	22.2.2021 to 26.2.2021
2	Ms.P.Subathra	8086 Microprocessor & 8051 Microcontroller	NITTR	5 Days	15/02/2021 to 19/02/2021
3	Ms.M.Ilakkiya	LabVIEW Programming	NITTR	5 Days	15-02-2021 to 19-02-2021
4	Ms. G.Tamizharasi	LabVIEW Programming	NITTR	5 Days	15-02-2021 to 19-02-2021

Pass percentage of Students during the year 2021-2021

No	Program Code	Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination	Percentage
1	312117121	Bio Medical engineering	35	35	100
2	312117103	Civil Engineering	5	5	100
3	312117104	Computer Science and Engineering	20	20	100
4	312117106	Electronics and Communication Engineering	16	16	100
5	312117105	Electrical and Electronics Engineering	7	7	100
6	312117114	Mechanical Engineering	19	19	100

