



V.S.B.COLLEGE OF ENGINEERING TECHNICAL CAMPUS, COIMBATORE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
TRANSCEDENCE

Newsletter 2021-2022 (EVEN SEMESTER)

VISION AND MISSION STATEMENTS OF THE DEPARTMENT

Vision:

To offer a quality education in Computer Science and Engineering, encourage life-long learning and make graduates responsible for society by upholding social values in the field of emerging technology

Mission:

The Department strives to contribute to the expansion of knowledge in the discipline of Computer Science and Engineering and aims:

- To produce graduates with sound technical knowledge and good skills that prepare them for a rewarding career in prominent industries.
- To promote collaborative learning and research with Industry, Government and International organizations for continuous knowledge transfer and enhancement.

To promote entrepreneurship and mould the graduates to be leaders by cultivating the spirit of social and ethical values.

ABOUT THE DEPARTMENT:

The department of Electronics and Communication Engineering was established in the year 2012. The department has highly educated Faculty members. Students are given education as well as training exposure in order to get placed in highly reputed Industries. The department aims to educate and train the students with sound knowledge and awareness in the electronics and communication field. The department has signed MoU with Tessolve, which provides training to faculty members and students on recent technologies. Various technical programs are being conducted by the department. Recently the department organized Technical Symposium FREAK1CBLITZ 2K22 for the students. Our department has successfully submitted Self Assessment Report for the National Board of Accreditation. With the excellent support of our Management and the strong backbone of the Faculty, we place the department as one of the best in the Institute.

Event organized in college:

S.No	Name of the Seminar	College Level / Department Level	Date	Photo
1	WORKSHOP ON ENTREPRENEURSHIP AND INNOVATION AS CAREER OPPORTUNITY	ECE & EEE DEPARTMENT	17.02.2022	
2	HANDS ON TRAINING ON CIRCUITS AND SIMULATION BY Mr.G.MANI SANKAR AP/ECE VSBCETC.	COLLEGE LEVEL	28.04.2022	
3	TECHNICAL SYMPOSIUM – FREAK1CBLITZ 2K22	DEPARTMENT LEVEL	01.06.2022	

Name of the FDP/STTP/Online certification courses attended by faculty members (including online courses). – Pantech, NPTEL, etc

S.No.	Name of the Faculty	FDP / STTP	TITLE	ORGANIZER	DATE
1	Dr. D. Shamia	FDP	Future Trends in Artificial Intelligence & Data Science	Rajalakshmi Institute of Technology	31.12.2021 to 08.01.2022
2	Mrs. S. Abiramasundari	FDP	Frontiers in AI based Multimedia Signal Processing	MEPCO SCHLENK Engineering College	17.01.2022 to 21.01.2022
3	Mrs. P. Latha	FDP	Frontiers in AI based Multimedia Signal Processing	MEPCO SCHLENK Engineering College	17.01.2022 to 21.01.2022
4	Mrs. S. Abiramasundari	FDP	Digital VLSI Design	SVCE With Entuple Technologies	31.01.2022 to 05.02.2022
5	Dr. D. Shamia	FDP	Digital VLSI Design	SVCE With Entuple Technologies	31.01.2022 to 05.02.2022
6	Mrs. S. Abiramasundari	FDP	Clean and green energy for sustainable development	Yogananda College of Engineering and Technology	21.2.2022 to 25.2.2022
7	Dr. D. Shamia	FDP	Clean and green energy for sustainable development	Yogananda College of Engineering and Technology	21.2.2022 to 25.2.2022
8	Mrs. S. Abiramasundari	FDP	Development Program on Artificial Intelligence	Yogananda College of Engineering and Technology	7.03.22 to 11.03.22
9	Dr. D. Shamia	FDP	Development Program on Artificial Intelligence	Yogananda College of Engineering and Technology	7.03.22 to 11.03.22
10	Ms.S.Beula	FDP	Development Program on Artificial Intelligence	Yogananda College of Engineering and Technology	7.03.22 to 11.03.22
11	Mrs. P. Latha	FDP	Development Program on Artificial Intelligence	Yogananda College of Engineering and Technology	7.03.22 to 11.03.22
12	Mrs. S. Abiramasundari	FDP	Biomedical Antennas	Karunya Institute of Technology and Science	21.03.2022 to 26.03.2022
13	Dr. D. Shamia	FDP	Biomedical Antennas	Karunya Institute	21.03.2022 to

				of Technology and Science	26.03.2022
14	Mr .V. Meenakshi Sundaram	FDP	Biomedical Antennas	Karunya Institute of Technology and Science	21.03.2022 to 26.03.2022
15	Mrs. S. Abiramasundari	STTP	Recent Trends in Electric Vehicles and Smart Grid with Renewable Energy Technologies for Sustainable Development	Sri Ramakrishna Engineering College Coimbatore	06.06.2022 to 10.06.2022
16	Mr .V. Meenakshi Sundaram	STTP	Recent Trends in Electric Vehicles and Smart Grid with Renewable Energy Technologies for Sustainable Development	Sri Ramakrishna Engineering College Coimbatore	06.06.2022 to 10.06.2022

Name of the add on course / certificate programmes / value added courses attended by Faculty members:

S.No	Name of the Faculty	Name of the course	Title	Name of the organization conducted the programme	Period (From & To) / Date
1.	Ms.R.Mohanapriya	Online Course	Introduction to IoT	CISCO	07.02.2022
2.	Mrs.D.Brindha	Online Course	Introduction to IoT	CISCO	07.02.2022
3.	Dr. D. Shamia	NPTEL Course	NBA Accreditation and teaching and learning in Engineering (NATE)	NPTEL	24.04.2022

Name of the Workshop / Seminar attended by Faculty members:

S.No.	Name of the Faculty	Workshop / Seminar / Webinar	TITLE	ORGANIZER	DATE
1.	Dr. D. Shamia	Webinar	Functions of IQAC	Rotary Club of Global Scholars	19.01.2022
2.	Dr. D. Shamia	Webinar	How to Write an Effective Research Paper	Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	25.02.2022
3.	Dr. D. Shamia	Workshop	Advancement in Manufacturing Technology	Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	05.03.2022
4.	Dr. D. Shamia	Webinar	Intellectual Property Rights	Arasu Engineering College	25.03.2022
5.	Dr. D. Shamia	Seminar	Reasearch Metrics Measuring Your Research Impact	Nadar Saraswathi College of Engineering and Technology	26.03.2022
6.	Dr. D. Shamia	Workshop	NPTEL	IIT Madras	25.06.2022

List of Faculties served as Reviewer:

S.No.	Name of the Reviewer	Activity	Journal	ORGANIZER	DATE
1.	Dr.D.Shamia	Served as Reviewer	The International Journal of Computing and Digital Systems	University of Bahrain College of Information Technology	-
2.	Dr.D.Shamia	Served as Reviewer	The International Conference on Decision Aid Sciences and Application	AT Mae Fah Lauang University, Thailand	23.03.2022 to 25.03.2022

Technical papers published by staff members in National and International Journals and National Conference / International Conference. (Including online Journals).

S.No.	Name of the Authors	Title of the paper	National Journal / International Journal / National Conference / International Conference	Details of the publication, Vol., Page Nos, Year
1.	Mrs.S.Abiramasundari	Reconfigurable RF Filter for Mobile Device	International Journal of Innovative Research in Technology	Volume 8 Issue 9/ 2349-6002
2.	Dr.D.Shamia	An Online Platform for Early Eye Disease Detection using Deep Convolution Neural Networks	International Conference on Devices, Circuits and System	21.04.2022 to 22.04.2022

STUDENT'S ACTIVITY

Prize Winners in Intercollege Events:

S.No	Student Name	Year of Study	Event	Organizer	Prize
1	Ajay K	II yr	Project presentation	Kongu Engineering and Technology, Erode	2nd Prize
2.	Kavinraj T	II yr	Project presentation	Kongu Engineering and Technology, Erode	2nd Prize
3.	Thrisha B	II yr	Paper Presentation	Sengunther College of Engineering, Thiruchankodu	2nd Prize
4.	Varsha M	II yr	Paper Presentation	Sengunther College of Engineering, Thiruchankodu	2nd Prize

Name of the add on course / Certificate programmes / Value added courses / Workshops attended by Students.

S.No	Name of the Student	Year of Study	Event	Title	Name of the Organization conducted the programme	Period (From & To) / Date
1.	Dharani M	IV Yr	Online Course	The Complete Networking	Udemy	22.01.2022

				Fundamentals Course		
2.	Keerthiga P	IV Yr	Online Course	The Complete Networking Fundamentals Course	Udemy	18.01.2022
3.	Karthiha K	IV Yr	Online Course	The Complete Networking Fundamentals Course	Udemy	19.01.2022
4.	Jothika M	IV Yr	Online Course	Electronics from Soup to Nuts	Udemy	19.01.2022
5.	Sowmya K	IV Yr	Online Course	Electronics from Soup to Nuts	Udemy	19.01.2022
6.	Jayanithya M	IV Yr	Online Course	Electronics from Soup to Nuts	Udemy	19.01.2022
7.	Madhumitha N	IV Yr	Online Course	Electronics from Soup to Nuts	Udemy	19.01.2022
8.	Harishmitha	IV Yr	Online Course	Electronics from Soup to Nuts	Udemy	19.01.2022
9.	Dinesh Ram K	IV Yr	Online Course	Crash Course Electronics and PCB Design	Udemy	25.01.2022
10.	Sawlih	IV Yr	Online Course	Crash Course Electronics and PCB Design	Udemy	20.01.2022
11.	Vigneshwaran M	IV Yr	Online Course	The Complete 2022 Web Development Bootcamp	Udemy	17.01.2022
12.	Nevetha K	IV Yr	Online Course	Data Analysis with Python	Cognitive Class	24.01.2022
13.	Gayathri C	IV Yr	Online Course	The Complete Networking Fundamentals Course	Udemy	17.01.2022
14.	Santhiya R	III yr	Online Course	Cloud Computing Architecture	Great Learning	January 2022
15.	Santhiya R	III yr	Online Course	Introduction to Cyber Security	Great Learning	January 2022

16.	Vanjikodi K	III yr	Online Course	The Fundamentals of Digital Marketing	Google Digital	08.02.2022
17.	Vasunthara D	III yr	Online Course	Communication Skills	TCS ion	08.02.2022 to 09.02.2022
18.	Pavithra S	III yr	Online Course	Communication Skills	TCS ion	08.02.2022
19.	Santhiya R	III yr	Webinar	Nano Technology in Nanoelectronics	Saveeth School of Engineering	10.02.2022
20.	Sugapriya R	III yr	Webinar	Nano Technology in Nanoelectronics	Saveeth School of Engineering	10.02.2022
21.	Sugendran A	III yr	Webinar	Nano Technology in Nanoelectronics	Saveeth School of Engineering	10.02.2022
22.	Sri Krishnan	III yr	Webinar	Nano Technology in Nanoelectronics	Saveeth School of Engineering	10.02.2022
23.	Sarath S	III yr	Webinar	Nano Technology in Nanoelectronics	Saveeth School of Engineering	10.02.2022
24.	Gayathri G	III yr	Webinar	Nano Technology in Nanoelectronics	Saveeth School of Engineering	10.02.2022
25.	Swathi P	III yr	Webinar	Nano Technology in Nanoelectronics	Saveeth School of Engineering	10.02.2022
26.	Pavithra S	III yr	Webinar	Nano Technology in Nanoelectronics	Saveeth School of Engineering	10.02.2022
27.	Subasri M	III yr	Webinar	Nano Technology in Nanoelectronics	Saveeth School of Engineering	10.02.2022
28.	Kesavaraj D	III yr	Webinar	Nano Technology in Nanoelectronics	Saveeth School of Engineering	10.02.2022
29.	Deenadhayalan K	III yr	Webinar	Nano Technology in Nanoelectronics	Saveeth School of Engineering	10.02.2022
30.	Vasunthara D	III yr	Webinar	Nano Technology in Nanoelectronics	Saveeth School of Engineering	10.02.2022
31.	Shiva Keerthana R	III yr	Webinar	Nano Technology in Nanoelectronics	Saveeth School of Engineering	10.02.2022

32.	Abinandhini R	III yr	Webinar	Nano Technology in Nanoelectronics	Saveeth School of Engineering	10.02.2022
33.	Lingesh Prabhu R	III yr	Webinar	Nano Technology in Nanoelectronics	Saveeth School of Engineering	10.02.2022
34.	Chandru M	III yr	Webinar	Nano Technology in Nanoelectronics	Saveeth School of Engineering	10.02.2022
35.	Vanjikodi K	III yr	Online Course	Communication Skills	TCS ion	08.02.2022 to 09.02.2022
36.	Gayathri G	III yr	Online Course	Communication Skills	TCS ion	08.02.2022 to 09.02.2022
37.	Vishnupriya S	III yr	Online Course	Communication Skills	TCS ion	08.02.2022 to 09.02.2022
38.	Subasri M	III yr	Online Course	Communication Skills	TCS ion	08.02.2022 to 09.02.2022
39.	Abinandhini R	III yr	Online Course	Communication Skills	TCS ion	08.02.2022 to 09.02.2022
40.	Vishnupriya S	III yr	Online Course	The Fundamentals of Digital Marketing	Google Digital	11.02.2022
41.	Pavithra S	III yr	Online Course	The Fundamentals of Digital Marketing	Google Digital	12.02.2022
42.	Gayathri G	III yr	Online Course	The Fundamentals of Digital Marketing	Google Digital	12.02.2022
43.	Subasri M	III yr	Online Course	TCS ION Career Edge Young Professional	TCS ion	01.02.2022 to 17.02.2022
44.	Vanjikodi K	III yr	Online Course	TCS ION Career Edge Young Professional	TCS ion	03.02.2022 to 24.02.2022
45.	Vanjikodi K	III yr	Online Course	Java SE 8 Features	Infosys - Springboard	24.02.2022
46.	Pavithra S	III yr	Online Course	TCS iON Career Edge – Young Professional	TCSiON	01.02.2022 to 23.02.2022

47.	Vasunthara D	III yr	Online Course	Python for beginners_ Learn all the basics of python	Udemy	27.02.2022
48.	Vasunthara D	III yr	Online Course	Introduction to Cloud Computing	Skillup	20.02.2022
49.	Vasunthara D	III yr	Online Course	Python for Beginners	Skillup	26.02.2022
50.	Vasunthara D	III yr	Online Course	TCS iON Career Edge – Young Professional	TCSiON	26.04.2021 to 12.02.2022
51.	Vasunthara D	III yr	Online Course	Java Language Features	Infosys	22.02.2022
52.	Santhiya R	III yr	Online Course	Data Structures in C	Great Learning	March 2022
53.	Santhiya R	III yr	Online Course	Spyder Python	Great Learning	March 2022
54.	Pavithra S	III yr	Online Course	Java Language Features	Infosys	01.03.2022
55.	Vasunthara D	III yr	Online Course	Amazon Elastic Compute Cloud (EC2) Beginners Certification	Udemy	03.03.2022
56.	Vasunthara D	III yr	Online Course	AWS Identity and Access Management(IAM) Foundations	Udemy	03.03.2022
57.	Sri Krishnan	III yr	Online Course	Java SE 8 Features	Infosys	08.03.2022
58.	Sri Krishnan	III yr	Online Course	Java Programming Fundamentals	Infosys	08.03.2022
59.	Sri Krishnan	III yr	Online Course	Java Language Features	Infosys	08.03.2022
60.	Vishnu Priya S	III yr	Online Course	Python Programmer	Infosys	10.03.2022

61.	Vasunthra D	III yr	Online Course	Introduction to Cyber Security	Infosys	13.03.2022
62.	Vasunthra D	III yr	Online Course	IoT	Infosys	13.03.2022
63.	Gayathri G	III yr	Workshop	Artificial Intelligence in Space Applications	SRM Institute of Science and Technology	17.03.2022 to 18.03.2022
64.	Lingeshprabhu R	III yr	Workshop	Artificial Intelligence in Space Applications	SRM Institute of Science and Technology	17.03.2022 to 18.03.2022
65.	Subhasri	III yr	Workshop	Artificial Intelligence in Space Applications	SRM Institute of Science and Technology	17.03.2022 to 18.03.2022
66.	Vishnupriya S	III yr	Workshop	Artificial Intelligence in Space Applications	SRM Institute of Science and Technology	17.03.2022 to 18.03.2022
67.	Sri Krishnan	III yr	Workshop	Artificial Intelligence in Space Applications	SRM Institute of Science and Technology	17.03.2022 to 18.03.2022
68.	Deenadhayalan	III yr	Workshop	Artificial Intelligence in Space Applications	SRM Institute of Science and Technology	17.03.2022 to 18.03.2022
69.	Pavithra S	III yr	Workshop	Artificial Intelligence in Space Applications	SRM Institute of Science and Technology	17.03.2022 to 18.03.2022
70.	Chandru M	III yr	Workshop	Artificial Intelligence in Space Applications	SRM Institute of Science and Technology	17.03.2022 to 18.03.2022
71.	Chandru.M	III yr	Online course	Introduction to Digital Marketing	Great Learning Academy	April 2022
72.	Chandru.M	III yr	Online course	Oracle SQL	Great Learning Academy	April 2022
73.	Chandru.M	III yr	Online course	Python Programming in Hindi	Great Learning Academy	April 2022
74.	Chandru.M	III yr	Online course	Intoduction to Deep Learning	Great Learning Academy	April 2022

75.	Chandru M	III yr	Online Course	Communication Skills	TCS ion	07.04.2022
76.	Sugapriya R	III yr	Online course	Intoduction to Deep Learning	Great Learning Academy	April 2022
77.	Sri Krishnan	III yr	Online Course	Microsoft Cognitive Toolkit	European Open University	05.04.2022
78.	Sri Krishnan	III yr	Online Course	Introduction to Python	Infosys	05.04.2022
79.	Kowshik R	III yr	Online Course	Cloud Foundations	AWS Academy	08.04.2022
80.	Vasunthara D	III yr	Online Course	Cloud Foundations	AWS Academy	09.04.2022
81.	Sarath S	III yr	Online Course	Cloud Foundations	AWS Academy	11.04.2022
82.	Sri Krishnan	III yr	Online Course	Cloud Foundations	AWS Academy	13.04.2022
83.	Vishnupriya S	III yr	Online Course	Cloud Foundations	AWS Academy	15.04.2022
84.	Sawthi P	III yr	Online Course	Fundamentals of Digital Marketing	Google Digital	15.04.2022
85.	Lingesh Prabhu R	III yr	Online Course	Cloud Foundations	AWS Academy	17.04.2022
86.	Kesavaraj D	III yr	Online Course	Cloud Foundations	AWS Academy	17.04.2022
87.	Kishore Kumar C	III yr	Online Course	Cloud Foundations	AWS Academy	18.04.2022
88.	Vikram P	III yr	Online Course	Cloud Foundations	AWS Academy	19.04.2022

89.	Sugapriya R	III yr	Online Course	Basics of Web Development Certificate Course	Masai	24.04.2022
90.	Santhiya S	III yr	Online Course	Basics of Web Development Certificate Course	Masai	24.04.2022
91.	Vanjikodi K	III yr	Online Course	Cloud Foundations	AWS Academy	24.04.2022
92.	Abinandhini R	III yr	Online Course	Cloud Foundations	AWS Academy	24.04.2022
93.	Sugapriya R	III yr	Online Course	Cloud Foundations	AWS Academy	27.04.2022
94.	Santhiya S	III yr	Online Course	Cloud Foundations	AWS Academy	27.04.2022
95.	Kaviya Sri P	II yr	Online Course	Introduction to Artificial Intelligence	Infosys	20.01.2022
96.	Monisha C	II yr	Online Course	Introduction to Artificial Intelligence	Infosys	20.01.2022
97.	Esakkimuthu R	II yr	Online Course	Java Programming	Great Learning	January 2022
98.	Nivashini M	II yr	Online Course	Block chain Bitcoins	Infosys	08.02.2022
99.	Ganansharnith M S	II yr	Online Course	Intro to Cyber Security	Infosys	08.02.2022
100.	Esakkimuthu R	II yr	Online Course	Ethical Hacking for Beginners	Infosys	08.02.2022
101.	Sabitha M	II yr	Online Course	Introduction to Robotic Process Automation	Infosys	08.02.2022
102.	Akshaya A V R	II yr	Online Course	Introduction to Robotic Process Automation	Infosys	08.02.2022

103.	Akshaya A V R	II yr	Online Course	The Beginners 2020 Cyber Security Awareness Training Centre	Infosys	08.02.2022
104.	Varsha M	II yr	Webinar	Nanotechnology in Nanoelectronics	Saveetha School of Engineering	10.02.2022
105.	Thrisha B	II yr	Webinar	Nanotechnology in Nanoelectronics	Saveetha School of Engineering	10.02.2022
106.	Manjunathan J	II yr	Online Course	Creativity and Entrepreneurship	Coursera	10.02.2022
107.	Mohana Prabha R	II yr	Webinar	Nanotechnology in Nanoelectronics	Saveetha School of Engineering	10.02.2022
108.	Kaviya Sri	II yr	Webinar	Nanotechnology in Nanoelectronics	Saveetha School of Engineering	10.02.2022
109.	Sabitha M	II yr	Webinar	Nanotechnology in Nanoelectronics	Saveetha School of Engineering	10.02.2022
110.	Arunkumar T	II yr	Online Course	Fundamental of Data Networking	Infosys	10.02.2022
111.	Akshaya A V R	II yr	Online Course	Fundamental of Data Networking	Infosys	10.02.2022
112.	Kaviya Sri P	II yr	Online Course	Fundamental of Data Networking	Infosys	11.02.2022
113.	Kaviya Sri P	II yr	Online Course	Microsite Creation on Infosys Springboard – Template 4	Infosys	11.02.2022
114.	Vignesh G	II yr	Online Course	Fundamental of Data Networking	Infosys	11.02.2022

115.	Nivashini M	II yr	Online Course	Introduction to Robotic Process Automation	Infosys	11.02.2022
116.	Nivashini M	II yr	Online Course	Fundamentals of Information Security	Infosys	11.02.2022
117.	Thrisha B	II yr	Online Course	Introduction to Artificial Intelligence	Infosys	11.02.2022
118.	Kavinraj T	II yr	Online Course	Ethical Hacking Masterclass	Infosys	11.02.2022
119.	Nandhakumar K	II yr	Online Course	Ethical Hacking Masterclass	Infosys	11.02.2022
120.	Monisha C	II yr	Online Course	Introduction to Artificial Intelligence	Infosys	11.02.2022
121.	Mahalakshmi M	II yr	Online Course	Introduction to Artificial Intelligence	Infosys	11.02.2022
122.	Karthikadevi	II yr	Online Course	Ethical Hacking Masterclass	Infosys	11.02.2022
123.	Kaviya Sri P	II yr	Online Course	Introduction to Artificial Intelligence	Infosys	20.02.2022
124.	Mohana Prabha R	II yr	Online Course	SQL Basics	Great Learning	February 2022
125.	Yohes R	II yr	Novella	Technical Symposium	Kongu Engineering College	31.03.2022
126.	Logapradeep M	II yr	Project Presentation	Technical Symposium (Project tile: Self Balancing Robot)	Kongu Engineering College	31.03.2022
127.	Manjunathan J	II yr	Project Presentation	Technical Symposium (Project tile: Self Balancing Robot)	Kongu Engineering College	31.03.2022

128.	Varshini M	I yr	Online Course	Fundamentals of Digital Marketing	Google Digital	02.04.2022
129.	Vanathi K.V	I yr	Online Course	Fundamentals of Digital Marketing	Google Digital	07.04.2022
130.	Vanathi K.V	I yr	Webinar	Idea Generation with Technology Readiness	St.Mother Theresa Engineering College	04.05.2022
131.	Varshini M	I yr	Webinar	Idea Generation with Technology Readiness	St.Mother Theresa Engineering College	04.05.2022
132.	Varshini M	I yr	Online Course	Artificial Intelligence with Python	Great Learning	May 2022
133.	Varshini M	I yr	Online Course	Front end Development HTML	Great Learning	May 2022
134.	Varshini M	I yr	Online Course	Excel Tips and Tricks	Great Learning	May 2022
135.	Vanathi K.V	I yr	Online Course	Artificial Intelligence with Python	Great Learning	June 2022
136.	Varshini M	I yr	Online Course	Introduction to Ethical Hacking	Great Learning	June 2022