



M.K.UMARASAMY
COLLEGE OF ENGINEERING

NAAC Accredited Autonomous Institution

Approved by AICTE & Affiliated to Anna University
ISO 9001:2015 & ISO 14001:2015 Certified Institution

Thalavapalayam, Karur – 639 113.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



NEWS LETTER

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About the Institute

Vision

To emerge as a leader among the top institutions in the field of technical education

Mission

M1: Produce smart technocrats with empirical knowledge who can surmount the global challenges.

M2: Create a diverse, fully-engaged, learner-centric campus environment to provide quality education to the students.

M3: Maintain mutually beneficial partnerships with our alumni, industry and professional associations

About the Department

“Welcome to the Department of Electronics and communication Engineering”

The department of Electronics and communication was started in the year 2000. We embarked into the world of high-tech, striving for the best academic performance. We offer B.E. programme in Electronics and Communication Engineering and M.E. programme in Communication Systems, VLSI Design.

The department has good infrastructure and full-fledged laboratories, which are industry oriented. The faculties of the department are highly qualified and are successful with timely up gradations in the curriculum and innovative teaching techniques. The staff members are deputed to participate in workshops, conferences, symposia and refresher courses to keep in pace with recent developments in the field of Electronics & Communications Engineering.

The rigors of academic study at each level are balanced with a number of other related activities, which include co-curricular activities for students. Special lectures and workshops on varied topic of academic relevance are held under the Extra Mural student series. We aim to produce highly skilled and scientifically oriented manpower through flexible, adaptive and progressive training programs and a coherent interaction among the research organizations, academicians and industries.

After achieving substantial progress in the departmental infrastructure, MKCE ECE has marched in to the area of research and development.

ECE DEPARTMENT

Vision

To empower the Electronics and Communication Engineering students with emerging technologies, professionalism, innovative research and social responsibility.

Mission

M1: Attain the academic excellence through innovative teaching learning process, research areas & laboratories and Consultancy projects.

M2: Inculcate the students in problem solving and lifelong learning ability.

M3: Provide entrepreneurial skills and leadership qualities.

M4: Render the technical knowledge and industrial skills of faculties.

Program Educational Objectives (PEO's)

PEO1: Graduates will have a successful career in academia or industry associated with electronics and communication engineering.

PEO2: Graduates will provide feasible solutions for the challenging problems through comprehensive research and innovation in the allied areas of electronics and communication engineering.

PEO3: Graduates will contribute to the social needs through lifelong learning, practicing professional ethics and leadership quality.

Program Outcomes (PO's)

PO1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2: Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes (PSO's)

PSO1: Applying knowledge in various areas, like Electronics, Communications, Signal processing, VLSI, Embedded systems etc., in the design and implementation of Engineering application.

PSO2: Able to solve complex problems in Electronics and Communication Engineering with analytical and managerial skills either independently or in team using latest hardware and software tools to fulfil the industrial expectations.

Guest Lecture Details

In 2019-2020, Department of ECE organized three different Guest lecture for Second and Third year Electronics and Communication Engineering students in different fields. By these various guest lecturers students have got aclearide a about the topic that how these kind of topics will be used in the industrial era.

1. Electromagnetic Field.
2. Medical Electronics.
3. Microcontrollers

M.Kumarasamy College of Engineering / Department of Electronics and Communication Engineering

Sl. NO	YEAR	DATE OF THE EVENT	RESOURCE PERSON DETAILS	AREA OF LECTURE	NUMBER OF STUDENTS PARTICIPATED	NO.OF CONTACTED HOURS
1	II-YEAR	19.07.2019	Dr.T.Gunasekaran. Program Director, Department of EEE, Higher College of Technology,Muscat.	Electromagnetic Field	160	8 hours
2	III-YEAR	26.07.2019	Dr.R.Vinodkumar, Professor/ECE, Sona College of Technology, Salem.	Medical Electronics	191	8 hours
3	II-YEAR	15.02.2020	Mr.SamDevidJero, R&D and CRO (Project Coordinator), Gayathri computer solutions, Coimbatore.	Microcontrollers	160	8 hours
TOTAL HOURS						24 Hours



Eminence Association and IEEE Communication Society

Eminence association and IEEE Communication Society have conducted an inaugural function and informative guest lecture on “**Industry Ready Embedded System**” in M.Kumarasamy College of Engineering, Karur on 27th July, 2019. Experienced person Mr.Athif shah, Chairman & CEO, ABE Semiconductors presided over the function. Dignified delegates of our college, Dr.C.VIVEK, HOD/ECE with the Staff Coordinators are Mr.C.Nandagopal SAP/ECE, Mr.G.ShanmugaVadivel, AP/ECE, Mrs.S.Jothimani, AP/ECE and Ms.S.Aathilakshmi AP/ECE. The function started with the Lighting of the ‘Kuthuvilaku’ by the dignitaries on Dias. Ms.G.Nivethita, Pre Final year ECE, secretary of eminence association invited everyone with his warm welcome address Mr.Athif shah, Chairman & CEO, ABE Semiconductors gathering and briefed about the Importance of automation industry in everyday life. Dr. C.VIVEK, HOD/ECE addressed the gathering and highlighted the tips to recent technology in automated industry ourselves with eminence association and IEEE COMSOC. In morning session the guest lectures on Industry ready embedded system.



A student branch chapter of the Eminence association and IEEE Communication Society, at M.Kumarasamy College of Engineering organized a guest lecture for the student of ECE department on 13th July 2019, Saturday. The function was presided Dr. C.VIVEK, HOD/ECE and Mr.C.Nandagopal, SAP/ECE made her presence in the soiree. Mr.PurusothamanKannan, software engineer in TCS, Chennai enhanced glory to the function. The guest lecture was made possible by the incessant efforts of the Staff co-ordinators of Mr.G.ShanmugaVadivel, AP/ECE and Mrs.S.Jothimani, AP/ECE and Ms.S.Aathilakshmi AP/ECE. The chief



guest Mr.Purusothaman Kannan enlightened the students with much more important topic of **“Technical Guest Lecture”**. During the session he explained the concepts in creation of software with hands on examples from her work place. He emphasized on the need for learning the computer languages such as python, JAVA, etc. Thus the lecture turned out to be an informative and a productive one. Many students who aspired to excel in the field of software benefited with the lecture of an expert professional.

The Third event under Eminence association and IEEE Communication Society has conducted intra meet on **“Fest O comm”** in M.Kumarasamy College of Engineering, Karur on 17th august, 2019. Totally 84 students participated in these event and grant the three prizes. The prize winners teams are Ms.G.Jeevitha and Ms.V.Shivanya team received the first prize with the amount of five hundred and Ms.A.Sowmya and Ms.S.Yaalini team received the second prize with the amount of three hundred and Mr.S.Mukeshpandian and Mr.V.Karthick team got third prize with the amount of two hundred. Thus the intra meet out to be an informative and a productive one. Many students who aspired to excel in the field of knowledge benefited with the skill of an expert professional.

A student branch chapter of the Eminence association and IEEE Communication Society, at M.Kumarasamy College of Engineering organized a **Just a Minute Talk** for the student of ECE department on 7th September 2019, Saturday. The function was presided Dr. C.VIVEK, HOD/ECE made her presence in the soiree. The Intra meet was made possible by the incessant efforts of the Staff co-ordinators of Mr.G.ShanmugaVadivel, AP/ECE and Mrs.S.Jothimani, AP/ECE and Ms.S.Aathilakshmi AP/ECE. Totally 76 students participated in these event and grant the three prizes. The prize winners teams are



Ms.E.Thakcika and Ms.P.Kaviya team received the first prize with the amount of five hundred and Ms.S.Ramya and Ms.T.Mangaikarasi team received the second prize with the amount of three hundred and Mr.T.Vignesh and Mr.S.Tharunvikram team got third prize with the amount of two hundred. Thus the intra meet out to be an informative and a productive one. Many students who aspired to excel in the field of knowledge benefited with the skill of an expert professional.



Eminence association and IEEE Communication society has conducted the Workshop on “**Workshop on IOT Analytics and Pycom Boards**” in M.Kumarasamy College of Engineering, Karur on 26th January 2019 and 27th January 2019. Experienced person Mr.Athif shah, Chairman & CEO, ABE Semiconductors. The 69 students participated in this workshop. He had explained the importance of Pycom board in the various fields and an overview about the hardware enlightened the way to develop a hardware project. Students interacted very well and they all are cleared with their doubts about the project.

A student branch chapter of the Eminence association and IEEE Communication Society, at M.Kumarasamy College Of Engineering organized a QUIZMOZ for the student of ECE department on 11th January 2020, Saturday. The function was presided Dr. C.VIVEK, HOD/ECE made her presence in the soiree. The Intra meet was made possible by the incessant efforts of the Staff co-ordinators of Mr.G.ShanmugaVadivel, AP/ECE and Mrs.S.Jothimani, AP/ECE and Ms.S.Aathilakshmi AP/ECE. Totally 94 students participated in these event and grant the three prizes. Thus the intra meet out to be an informative and a productive one. Many students who aspired to excel in the field of knowledge benefited with the skill of an expert professional.

Eminence association and IEEE Communication society has conducted the Guest Lecture on “**Industrial electronics** ” in M.Kumarasamy College of Engineering, Karur on 8th Febuary, 2020. Experienced person Mr.Purusothaman Kannan, TCS, Chennai

gathering and briefed about the importance of automation industry in everyday life. The 72 students participated in this guest lecture. He had explained the supportive role of the electronics sector in providing equipment and components for other industries also supports a significant increase as consumers demand more automobiles, energy-efficient homes and medical technologies.

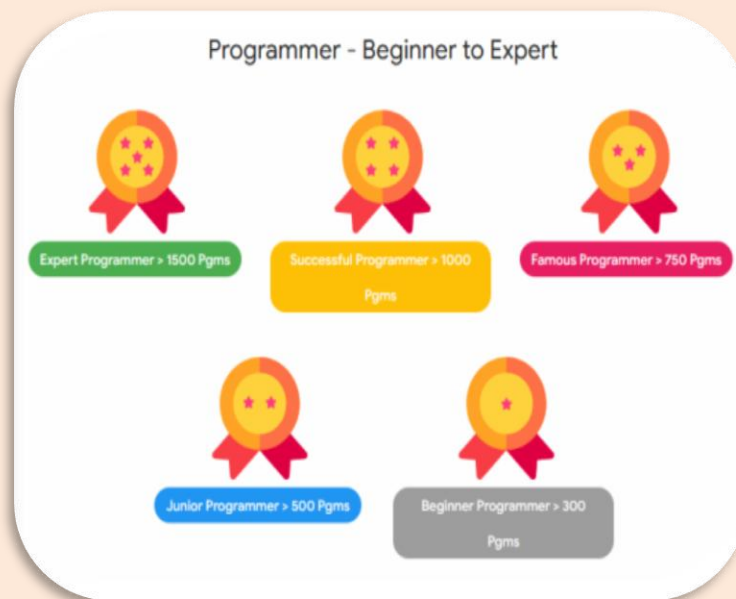
Eminence association and IEEE Communication society has conducted inter college event on “fest o comm” in M.Kumarasamy College of Engineering, Karur on 9th march, 2020. The main objective of the event is to motivate students to participate various events. To learn about IOT and raspberry pi based projects. The various events are paper presentation, workshop, circuit debugging, project presentation, fun events. Totally 178 students are participated. The workshop presided by Nirmal.S, Breathe Electronics had explained about the importance of IOT projects. He concluded that enhancing the knowledge about various hardware's and till date would pay the way to start off a career in the field of software and hardware. They are motivated to participate in various areas. The Feedback from the participants are they have idea to do a project in IOT based areas. Participants are asked to provide CDs and some course material for future project ideas.



Information Communication Technology Laboratory

The objective of ICT LAB is an Auto Evaluation tool to improve skill quotient by solving in a wide range of programming challenges to establish the expertise and get noticed by potential employer. The students can practice more than 5000+ programming challenges, which make them to excel in programming. The outcomes are Using ICT LAB, the learners will be able to:

- Develop Programming Skill by every day practice from beginner to expert in programming with faster coding
- Solve real-world social problems and scenario based challenges
- Become a better developer
- Access to actual interview questions
- Participate in coding challenges by top IT companies through that they are hired.



In ICT LAB the Courses available are C ,CPP ,JAVA ,DATA-STRUCTURE ,OPERATING-SYSTEMS,DAA ,PYTHON ,PERL ,R ,CSHARP ,HASKELL ,RUBY,JULIA ,GO ,SWIFT ,RUST.

The number of programs available such as C has 1739 programs, C++ has 836 programs, JAVA has 1160 programs and PYTHON has 422 programs. It has the various batches based on the completed programs. The batches are expert programmer, successful programmer, famous programmer, Junior programmer and beginner programmer. Our department students solved total programmes of 99181. Our department first year students

have solved the 13711 programmes , the second year students solved the 29642 programmes , the third year students have solved the 34961 programmes and the final year students have solved the 20867 programmes.

**Three of our Students has completed more than 500 programs in ICT LAB &received
“JUNIORPROGRAMMAR”BADGE**



Mr.B.YAATHASH II/ECE
Rank : 1
Programs Completed :
544



Ms.G.YUVASHREE II/ECE
Rank : 2
Programs Completed : 531



Mr.A.Ravinder II/ECE
Rank :3
Programs Completed : 512



**Five of our Students has completed more than 300 programs in ICT LAB &received
“BEGINNER PROGRAMMAR” BADGE**



Mr.P.Harikrishnan III/ECE
Rank :4
Programs Completed : 462



Ms.S.G.HAMSAVENI
Rank :5
Programs Completed : 364



Ms.K.V.Preethika
Rank :8
Programs Completed : 317



Ms.N.Durghasree II/ECE
Rank :10
Programs Completed : 308



Ms.K.P.RAMYA III/ECE
Rank :11
Programs Completed : 302



The **17** students of our department listed in the category of top performers of information communication technology laboratory. The total number of students received **the certificate of ECE department 676 during** the academic year **2018-19 and 2019-20.**

IETE Society

In 2019-20, Department of ECE organized five different Guest lecture (IETE STUDENTS FORUM) for Second and Third year Electronics and Communication Engineering students in different fields. By these various guest lecturers students have got a clear idea about the topic that how these kind of topics will be used in the industrial era.

1. Hands on training on electronics components testing and debugging.
2. Machine Learning.
3. Workshop on PCB designing
4. PCB design hands-on with expedition tools
5. PCB Designing



M.Kumarasamy College of Engineering / Department of Electronics and Communication Engineering

S. No	Year	Date of the Event	Resource person details	Area of lecture	Number of students Participated	Hours
1	II & III	14.09.2019	Mr.Thiyagu Vijayamani, Chieftrainer, Indian Infotech, Namakkal.	Hands on training on electronics components testing and debugging	60	8
2.	III-YEAR	31.08.2019	Mr.M.Vignesh Mr.S.Gurumoorthy Galvin Technology, Trichy.	Machine Learning	89	8
3.	II & III-YEAR	25.01.2020	Mr.S.Arun Prathap, AP/ECE, MKCE, Karur.	Workshop on PCB designing	30	8
4.	External Participants (National Workshop)	22.02.2020	1.Mr.S.Arun Prathap AP/ECE, MKCE, Karur. 2. Mr.Sakthimani- AP/ECE, MKCE, Karur.	PCB Design Hands -on with xpedition tools	79	8
5.	External Participants (FEST O' COMM 2020)	09.03.2020	Mr.S.ArunPrathap, AP/ECE, MKCE, Karur.	PCB Designing	50	8
TOAL HOURS						40

STUDENT PARTICIPATION IN CO-CURRICULAR ACTIVIES

- Totally 269 students have attended workshops seminars and paper presentations, Conference, Project Presentation.
- Totally 13 students have won I,II and III Positions in various events

III-YEAR BOYS – INDUSTRIAL VISIT

Date of Visit: 27.09.2019 to 28.09.2019

From ECE about 86 students and two faculties have gone to industrial visit to ACE Components, Mysore on 27.09.2019, from 09.30AM to 10.30AM. ACE Components through this successful undertaking, the group conquered the market with high quality production of Carbon and Metal film resistors from filmed position to finished resistors, there by having full control on the quality of the products. On the same day we have visited second Core Company as Leepra Technologies, Mysore from 11.00 AM to 12.00 PM. LeePra is an Electronic Manufacturing Service (EMS) company registered in June 2014 as one of the contract manufacturing service. Their aims is to enhance quality, continuous improvement and customer satisfaction and they offers to the customers a complete range of manufacturing services for hi-tech electronic products during the total life cycle, with quality & reliability. They are extended their services to Solutions from PCB Assembly to Box Build to System Assembly ,Assembly + Board Assembly, Assembly + box build and system assembly, Assembly + low volume production, Testing.



III-YEAR GIRLS – INDUSTRIAL VISIT

Date of Visit: 27.09.2019 to 28.09.2019

From ECE about 86 students and two faculties have gone to industrial visit to ACE Components, Mysore on 27.09.2019, from 09.30AM to 10.30AM. ACE Components through this successful undertaking, the group conquered the market with high quality production of Carbon and Metal film resistors from filmed position to finished resistors, there by having full control on the quality of the products. On the same day we have visited second Core Company as Leepra Technologies, Mysore from 11.00 AM to 12.00 PM. LeePra is an Electronic Manufacturing Service (EMS) company registered in June 2014 as one of the contract manufacturing service.

Their aims is to enhance quality, continuous improvement and customer satisfaction and they offers to the customers a complete range of manufacturing services for hi-tech electronic products during the total life cycle, with quality & reliability. They are extended their services to Solutions from PCB Assembly to Box Build to System Assembly ,Assembly + Board Assembly, Assembly + box build and system assembly, Assembly + low volume production, Testing.



SECOND YEAR BOYS – INDUSTRIAL VISIT

ACADEMIC YEAR	2019 – 2020
BATCH	2018 – 2022
YEAR/SEMESTER	Second /Third
DURATION OF VISIT	07.08.2018 – 09.08.2018
COMPANY OF VISIT	ACE COMPONENTS AND ELECTRONICS, MYSORE. LEEPRA TECHNOLOGIES Pvt. Ltd, MYSORE
GENDER/COUNT	MALE/53
CO- ORDINATOR/ ACCOMPANY	1.K.SUDHAKAR AP/ECE 2. S.SAKTHIMANI AP/ECE



II YEAR GIRLS - INDUSTRIAL VISIT

Date of Visit: 09.08.2019 to 10.08.2019

From ECE about 86 students and two faculties have gone to industrial visit to ACE Components, Mysore on 27.09.2019, from 09.30AM to 10.30AM. ACE Components through this successful undertaking, the group conquered the market with high quality production of Carbon and Metal film resistors from filmed position to finished resistors, there by having full control on the quality of the products. On the same day we have visited second Core Company as Leepra Technologies, Mysore from 11.00 AM to 12.00 PM. LeePra is an Electronic Manufacturing Service (EMS) company registered in June 2014 as one of the contract manufacturing service. Their aims is to enhance quality, continuous improvement and customer satisfaction and they offers to the customers a complete range of manufacturing services for hi-tech electronic products during the total life cycle, with quality & reliability. They are extended their services to Solutions from PCB Assembly to Box Build to System Assembly ,Assembly + Board Assembly, Assembly + box build and system assembly, Assembly + low volume production, Testing.



Faculties Participation in Various Colleges

INTERNATIONAL CONFERENCE

DECEMBER-2019

- 1 faculty has presented a paper titled as IMPROVEMENT IN THE PERFORMANCE OF SOLAR CELLS THROUGH THE DEPOSITION OF NANO PARTICLES FOR AVOIDING SURFACE REFLECTIONS in INTERNATIONAL CONFERENCE to exchange and share his experience and research results about all aspects in engineering fields.

NATIONAL CONFERENCE

SEPTEMBER-2019

- 1 faculty has presented a paper titled as RECENT TRENDS ON UBIQUITOUS COMPUTING AND COMMUNICATION TECHNOLOGY in NATIONAL CONFERENCE to exchange and share his experience and research results about

all aspects in engineering fields.

JANUARY-2020

- 1 faculty has presented a paper titled as AN EFFICIENT FPGA IMPLEMENTATION FOR BAYER PATTERN IMAGES USING MULTIPLIER-LESS BDC PROCESSOR in NATIONAL CONFERENCE to exchange and share her experience and research results about all aspects in engineering fields.

WORKSHOP

JUNE-2019

- 3 faculties have attended workshop titled as RECENT TRENDS IN PJOTONICS & HANDS ON TRAINING USING OPTSIM to improve the flow of scientific ideas and information between organizations and individuals in different areas.

JULY-2019

- 1 faculty has attended workshop titled as DESIGN OF SOLAR PV AND THERMAL ENERGY SYSTEMS to improve the flow of scientific ideas and information between organizations and individuals in different areas.

AUGUST-2019

- 2 faculties have attended workshop titled as MACHINE LEARNING IN IMAGE PROCESSING to improve the flow of scientific ideas and information between organizations and individuals in different areas.
- 1 faculty has attended workshop titled as MEDICAL IMAGE ANALYSIS AND DETECTION TECHNIQUES WITH ADVANCED ALGORITHMS to improve the flow of scientific ideas and information between organizations and individuals in different areas.
- 1 faculty has attended workshop titled as ROBOTICS AND QUAD COPTER DEVELOPMENT to improve the flow of scientific ideas and information between organizations and individuals in different areas.
- 2 faculties have attended workshop titled as INTERNET OF THINGS USING MSP431 to improve the flow of scientific ideas and information between organizations and individuals in different areas.

NOVEMBER-2019

- 1 faculty has attended workshop titled as BIO MEDICAL SIGNAL PROCESSING: THEORY AND PRACTICE to improve the technical skills in this area.

DECEMBER-2019

- 2 faculties have attended workshop titled as **FPGA DESIGN FLOW USING XILINX VIVADO** to improve the programming and layout design skills.

JANUARY-2020

- 2 faculties have attended workshop titled as **OPPORTUNITIES FOR INDUSTRY 4.0 APPLICATIONS IN INDIAN INDUSTRIES** to improve the technical skills in this area.
- 6 faculties have attended workshop titled as **SOFTWARE DEFINED NETWORKING AND NETWORK FUNCTION VIRTUALIZATION** to gain more expertise in their field and develop new ideas.

FEBRUARY-2020

- 2 faculties have attended workshop titled as **SMART IRRIGATION SYSTEM USING INTELLIGENT TECHNIQUES** to improve the technical skills in this area.
- 2 faculties have attended workshop titled as **NATURAL LANGUAGE PROCESSING USING SPACY** to improve the technical skills in this area.
- 1 faculty has attended workshop titled **AS HANDS ON TRAINING FOR MACHINE LEARNING USING PYTHON** gain a wide range of knowledge in a specific field.
- 1 faculty has attended workshop titled as **HANDS ON TRAINING ON NETWORK SIMULATOR 3** to improve the programming skills in this area.

FACULTY DEVELOPMENT PROGRAM

JUNE-2019

- 1 faculty has attended Faculty development Program **ON NETWORK SECURITY AND CMOS MIXED SIGNAL ARCHITECTURE** to renewal and growth of the faculty in all facets of their professional lives.
- 1 faculty has attended Faculty development Program on **PROCESS OPTIMIZATION AND CONTROL** to renewal and growth of the faculty in all facets of their professional lives.
- 1 faculty has attended Faculty development Program on **SIGNALS AND**

SYSTEMS.

JULY-2019

- 1 faculty has attended Faculty development Program on DIGITAL SIGNAL PROCESSING.

NOVEMBER-2019

- 1 faculty has attended Faculty development Program ON RECENT ADVANCEMENTS IN ELECTRICAL DRIVES AND CONTROL to develop an emerging field at the intersection of multi-disciplinary Understandings of culture and education.

JANUARY-2020

- 1 faculty has attended Faculty development Program on OUTCOME BASED EDUCATION AND ACADEMIC RESEARCH to develop more knowledge about outcome based education and research.

FEBRUARY-2020

- 2 faculties have attended Faculty development Program on APPLICATION OF VLSI TECHNOLOGY IN HEALTH CARE to develop an emerging field at the intersection of multi-disciplinary Understandings of culture and education.

SEMINAR

JUNE-2019

- 1 faculty has attended Seminar titled as CADR USING MACHINE LEARNING TECHNIQUES to develop an emerging field at the intersection of multi-disciplinary Understandings of culture and education.

JULY-2019

- 3 faculties have attended Seminar on 5G COMMUNICATION NEED AND CHALLENGES to develop technical skills in this area.

AUGUST-2019

- 1 faculty has attended Seminar on INTERNET OF THINGS FOR SMART APPLICATIONS to develop technical skills in this area.

SEPTEMBER-2019

- 2 faculties have attended Seminar titled as RECENT TRENDS IN MEDICAL IMAGE ANALYSIS USING DEEP LEARNING to develop technical skills in this area.
- 2 faculties have attended Seminar titled as VLSI IMPLEMENTATION OF CRYPTOGRAPHIC ALGORITHMS FOR SECURITY APPLICATIONS USING XILINX, VIVADO DESIGN SUITE to develop technical skills in this area.

NOVEMBER-2019

- 5 faculties have attended Seminar on H2O BASED ARTIFICIAL INTELLIGENCE IN DATA-DRIVEN ANALYTICS FOR THE PERSONALIZED HEALTH CARE to develop technical skills in this area.

JANUARY-2020

- 6 faculties have attended Seminar on APPLICATIONS OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING HEALTHCARE equipment design to develop technical skills in this area.
- 1 faculty has attended Seminar on HF ELECTRONICS PRODUCTS/SYSTEM LEVEL DESIGN USING HFSS & SYSTEM VUE to develop technical skills in this area.

MARCH-2020

- 2 faculties have attended Seminar ON RECENT ADVANCEMENTS IN ELECTRIC VEHICLE TECHNOLOGIES to develop technical skills in this area.

ONE CREDIT COURSE 2019-2020

2016 REGULATION (2016-2020 & 2017- 2021 BATCH)

One credit courses shall be offered by a Department with the prior approval from the Board of Studies in every Academic Year. Students can also opt for one credit industry oriented courses of 15 hours duration which will be offered by experts form Industry / other Institution / our faculty on specialized topics. Student can complete such one credit courses during the semesters 3rd to 7th as and when these courses are offered by different departments. There is no limit on the number of one credit courses a student can register and successfully complete during the above period. However a student can register for only one, one credit course in a semester. If a student wishes to avail exemption of professional electives, he/she can do so by exercising his/her option in writing to the respective Head of the department during the beginning of the pre-final / final semester (i.e., semester 7/8) by

following the equivalence norm that one professional elective in the final semester is equivalent to three one credit courses completed by the student. Out of the three one credit courses submitted for equivalence to a final semester elective, a maximum of one credit course can be from humanities /language. The grades earned by the students for the one credit courses which are not opted for conversion into an elective, will not be included in the computation of CGPA.

Assessment for One Credit Course:

The one credit course shall carry 100 marks and shall be evaluated through continuous assessments only. Two Assessments shall be conducted during the semester by the Department concerned. The total marks obtained in the tests shall be reduced to 100 marks and rounded to the nearest integer. The Head of the Department may identify a faculty member as coordinator for the course. A committee consisting of the Head of the Department, staff handling the course (if available), coordinator and a senior Faculty member nominated by the Head of the Department shall monitor the evaluation process. The marks shall be assigned to the students by the above committee based on their performance. The performance report should be submitted to Controller of Examinations by the Head of the Department.

The Following Courses are completed successfully

Batch	Academic Year	Semester	Name of the one credit course	No.of students completed
2016-2020	2017-2018	III (Odd Semester)	16HSY01 - BASICS OF JAPANESE LANGUAGE 1	21
		IV (Even Semester)	16ECY06 - BASICS OF INTERNET OF THINGS	92
	2018-2019	V (Odd Semester)	16ECY07 - HARDWARE DESIGNING AND TESTING	56

		VI (Even Semester)	16ECY09 - VHDL PROGRAMMING	137
	2019-2020	VII (Odd Semester)	16ECY10 - LTE TECHNOLOGY	77
2017-2021	2017-2018	III (Odd Semester)	16ECY06 - BASICS OF INTERNET OF THINGS	105
			16ECY08 - BASICS OF C++	9
		IV (Even Semester)	16ECY07 - HARDWARE DESIGNING AND TESTING	110
	2018-2019	V (Odd Semester)	16ECY09 - VHDL PROGRAMMING	111

Value Added Course

University curriculum can adequately cover all areas of importance or relevance. It is important for higher education institutions to supplement the curriculum to make students better prepared to meet industry demands as well as develop their own interests and aptitudes. Our college offers a wide variety of short term certificate courses which are conducted after class hours or during semester breaks. These courses are conducted by professionals and industry experts and help students stand apart from the rest in the job market by adding further value to their resume. The Value Added Education Courses aim to provide additional learner centric graded skill oriented technical training, with the primary objective of improving the employability skills of students.

The main objectives of the program are:

- To provide students an understanding the expectations of industry.
- To improve employability skills of students.

➤ To bridge the skill gaps and make students industry ready.

To provide an opportunity to students to develop inter-disciplinary skills

ALUMNI INTERACTION

Sl.No	Date	Year of passed out	Details of Alumini
1	26.01.2020	2015	Mr. V. Gowrishankar, Sub inspector, Tamilnadu Police Department
2	08.02.2020	2016	Mr.Purusothaman Kannan, Tata Consultancy Services, Chennai
3	11.02.2020	2009	Mr.Vivekanandha, Mavis Electronic control, Bangalore
4	06.03.2020	2017	Mr.Sricharan, Wipro Technologies, Bangalore





Department of Electronics and
communication Engineering
Alumni Interaction Program

08.02.2020

Mr.Purusothaman Kannan
2016 Pass out, TCS Chennai



JAPANESE LANGUAGE CERTIFICATION

Year /Batch	N5 Level (Cleared / Appeared)	N4 Level (Cleared / Appeared)	N3 Level(Cleared / Appeared)
IV year /2016-2020	0/2	7 / 18	4/6
III year / 2017-2021	10/27	5/11	NIL
II Year / 2018 - 2022	4/40	NIL	NIL

Sl No.	ROLL No.	NAME	LEVEL CLEARED	PHOTO
1	16BEC3007	AFRIDHA A	N3	

2	16BEC3087	KAVI S	N3	
3	17BEC3064	HARISHMA I	N4	
4	17BEC3062	HARIPRASAD V	N4	
5	17BEC3066	HARSHINI	N4	
6	17BEC3194	TAMILMARAN T	N4	
7	17BEC3199	THILAK RAJ B A	N4	

8	17BEC3091	KIRUTHIKA R	N5	
9	17BEC3165	ROHITH KUMAR D S	N5	
10	17BEC3175	SASI KANNAN S	N5	
11	18BEC4142	K.SANDHIYA	N5	
12	18BEC4147	S.SARATH KUMAR	N5	
13	18BEC4091	MOHAMED RIYAS M	N5	

14	18BEC4112	P. NISHA	N5	
15	18BEC4118	R.K.NIVEDHITHA	N5	

Batch 2014-2018 Student Gunasekaran Sarmila doing her higher studies in Shizuoka University , Japan



Internship Details

2019 - 2020

Sl. no	Date	Academic Year	Name of the Student	Name of the Company	Duration	Stipend Rs. / month	Number of Beneficiaries
1	9.9.2019 to 20.9.2019	2019-2020	G.rathidevi iv	Edgate Technologies Private Limited, Bangalore	10 days	NIL	3
2			K.janani iv			NIL	
3			A.irfanakadernisha			NIL	
4			D.s.aamruthvenkatesh		10 days	NIL	6
5			M.yougan			NIL	
6			M.vijayan			NIL	
7			M.c.oviya		10 days	NIL	
8			S.selvameena			NIL	
9			T.aarthi			NIL	
10	4.12.2019 to 6.12.2019	2019 - 2020	SathyaBama.G.V	Department of Mechanical Engineering, PSG Institute of Technology and Applied Research, Coimbatore	2 days	NIL	1
11	21.11.2019 to 30.11.2019	2019 - 2020	S.G.Hamsaveni	ATS Accent Techno Soft, Coimbatore	10 days	NIL	1
12	27.11.2019 - 3.12.2019	2019 - 2020	Abinеш.R	TNPL , Karur	5 days	NIL	3
13	27.11.2019 - 03.12.2019	2019 - 2020	Vignesh.T		5 days	NIL	
14	27.11.2019 - 03.12.2019	2019 - 2020	Kaviyarasu.K		5 days	NIL	
15	2019-2021	2019 - 2020	1. Aarthi v	Wipro Technologies & Wipro HR service , bangalore	28 Days	29,167/Month	29
			2. Anushri k k			29,167/Month	
			3. Deepikasri k			29,167/Month	
			4. Dhivyabharathid			29,167/Month	

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			5. Gurumoorthy s			29,167/Month	
			6. Harini s			29,167/Month	
			7. Harinitha r			29,167/Month	
			8. Jananee k b			29,167/Month	
			9. Karthik c			29,167/Month	
			10. Madhumithira s			29,167/Month	
			11. Marcello shailuck s			29,167/Month	
			12. Mohamed yunus j			29,167/Month	
			13. Mohanapriya m			29,167/Month	
			14. Nisha m			29,167/Month	
			15. Oviya n r			29,167/Month	
			16. Padma n			29,167/Month	
			17. Prasath pa			29,167/Month	
			18. Priyadharshini c			29,167/Month	
			19. Rajapreethi c			29,167/Month	
			20. Santhosh r			29,167/Month	
			21. Savidhaa a			29,167/Month	
			22. Sharmitha t			29,167/Month	
			23. Sowmiya v			29,167/Month	
			24. Sridharshini a			29,167/Month	
			25. Tharani r			29,167/Month	
			26. Vignesh.s			29,167/Month	
			27. Vinodhkanna v			29,167/Month	
			28. Vinothini j			29,167/Month	
			29. Sangeetha p			29,167/Month	
16	02.01.2020-25.02.2020	2019 - 2020	1.Dharanipriya K	Universiti of Teknologi Petronas, Malaysia	2 Months	NIL	2
			2. Bavana B.N			NIL	
17	June / July 2020 to February / March 2021	2019-2020	1.Akash s	Institute of Language Management	9 Months	17500/month	15
			2. Dharini shree.t			17500/month	
			3. Divakar.p			17500/month	
			4. Nandhini r			17500/month	
			5. Praveen b			17500/month	
			6. Nirmalchandran r			17500/month	
			7. Selvabharani s			17500/month	
			8. Lakshmi prabhaa. B			17500/month	
			9. E.gowtham			17500/month	
			10. Ilamathi.m			17500/month	
			11. Gobika p			17500/month	
			12. Irfanakadernisha. A			17500/month	
			13. Madhumitha.j			17500/month	
			14. Nandhakumar r			17500/month	

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			15. Saranraj.r			17500/month	
18	20.01.2020 to 25.1.2020	2019-2020	1. M. Arun	Siemens centre of excellence, NIT Trichy	12 Days	NIL	12
			2. M. Dinakaran			NIL	
			3. M. Mohanaprasad			NIL	
			4. G. Pragadeesh			NIL	
			5. A.Ravinder			NIL	
			6. K.Praveen			NIL	
			7. D.Sibisaran			NIL	
			8. S.Vasanthakumar			NIL	
			9. P.Rajeshram			NIL	
			10. S.Surya			NIL	
			11. D.Swathi			NIL	
			12. I.Harishma			NIL	

2016 -2020 Batch Students Placement Details

2019-2020

S.N O	REG.NO	NAME	PLACED COMPANY			NO.OF OFFER
1	16BEC3002	AARTHI V	CTS	WIPRO		2
2	16BEC3003	AARTHY K	CTS	TCS		2
3	16BEC3007	AFRIDHA.A	INFOSYS			1
4	16BEC3010	AJITH KUMAR S	CTS	TCS	WIPRO	3
5	16BEC3012	AKILA.M	INFOSYS			1
6	16BEC3013	ANANDRAJ.S	TCS			1
7	16BEC3014	ANIISH S	TCS			1
8	16BEC3016	ANUSHRI K K	CTS	WIPRO		2
9	16BEC3020	ARAVIND M	CTS			1
10	16BEC3021	ARAVIND SAMY K	TCS (INFRAMIND)			1
11	16BEC3027	BAKTHAVATCHALA M V	CTS	TCS		2
12	16BEC3028	BALAJI.E	QUBERCOMM			1
13	16BEC3029	BALAMURUGAN RENUKA DEVI	CTS			1
14	16BEC3034	DEEPIKASRI K	WIPRO			1
15	16BEC3039	DHARANI E	INFOSYS			1
16	16BEC3041	DHARANISH S T	CTS			1

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17	16BEC3044	DHIVYA N	CTS			1
18	16BEC3046	DHIVYABHARATHI D	CTS	WIPRO		2
19	16BEC3047	DINESHRAM A	CTS	TCS		2
20	16BEC3051	GAYATHRI R	CTS	TCS		2
21	16BEC3052	GAYATHRI V	CTS			1
22	16BEC3054	GIREDHARAN S	CTS			1
23	16BEC3056	GOGULNATH K	TCS (INFRAMIND)			1
24	16BEC3061	GURU PRASAD S	INFOSYS			1
25	16BEC3062	GURUMOORTHY S	CTS	WIPRO	TCS	3
26	16BEC3064	HARINI S	WIPRO			1
27	16BEC3065	HARINITHA R	WIPRO	TCS		2
28	16BEC3071	ISWARYA NAGA MUKILA.K	INFOSYS			1
29	16BEC3072	JANANEE K B	CTS	TCS	WIPRO	3
30	16BEC3075	JENCY PRIYA A	IBM	HEXAWARE		2
31	16BEC3077	KAMALI.G	INFOSYS			1
32	16BEC3082	KARTHIK C	CTS	WIPRO		2
33	16BEC3085	KARTHIKEYA.S.R	IBM			1
34	16BEC3087	KAVI S	CTS			1
35	16BEC3090	KAVISHRII KAMATCHI C M	CTS			1
36	16BEC3092	KAVYA G	CTS			1
37	16BEC3093	KIRUTHIKA G	CTS	TCS		2
38	16BEC3095	KOUSHIN A K	CTS			1
39	16BEC3101	MADHUMITHIRA S	CTS	WIPRO		2
40	16BEC3102	MADHURA BALA K	CTS			1
41	16BEC3104	MARCELLO SHAILUCK S	CTS	TCS	WIPRO	3
42	16BEC3107	MEENA M	INFOSYS			1
43	16BEC3108	MEENA R	CTS			1
44	16BEC3110	MOHAMED YUNUS J	CTS	WIPRO		2
45	16BEC3112	MOHANAPRIYA M	CTS	WIPRO		2
46	16BEC3117	NANDHINI K G	CTS			1

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47	16BEC3125	NAVEENA B	CTS			1
48	16BEC3127	NAVEENKUMAR S	TCS			1
49	16BEC3130	NISHA M	CTS	WIPRO		2
50	16BEC3132	NITHYA P	CTS			1
51	16BEC3134	NIVETHA J	CTS			1
52	16BEC3136	OVIYA N R	CTS	WIPRO		2
53	16BEC3137	PADMA N	WIPRO			1
54	16BEC3139	PASUPATHISAIBAL AJI B	CTS			1
55	16BEC3140	POOJA K	CTS			1
56	16BEC3145	PRASATH PA	TCS	WIPRO		2
57	16BEC3148	PREETHAA.J	INFOSYS			1
58	16BEC3149	PREM KUMAR M	CTS			1
59	16BEC3150	PREMKUMAR C	MALLOW			1
60	16BEC3151	PRIYADHARSHINI C	CTS	WIPRO		2
61	16BEC3152	PRIYADHARSINI B	CTS			1
62	16BEC3154	RACHANA P.G	IBM			1
63	16BEC3156	RAGUL G	CTS			1
64	16BEC3157	RAJAPREETHI C	CTS	TCS	WIPRO	3
65	16BEC3159	RAMPRADEEP K	CTS			1
66	16BEC3160	RAMYA G	TCS			1
67	16BEC3161	RAMYA S	CTS			1
68	16BEC3162	RANJANI R	SMI	OFS		2
69	16BEC3169	SABARINATH C	CTS			1
70	16BEC3172	SANJEEV G	INFOSYS			1
71	16BEC3173	SANTHOSH R	WIPRO			1
72	16BEC3174	SANTHOSH S	INFOSYS			1
73	16BEC3177	SAVIDHAA A	CTS	WIPRO		2
74	16BEC3179	SELVAMALAR S	CTS	TCS		2
75	16BEC3183	SHARAN M	TCS			1
76	16BEC3184	SHARAN V	MALLOW			1
77	16BEC3186	SHARMITHA T	CTS	WIPRO	TCS	3

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78	16BEC3187	SHOBIKA M	CTS			1
79	16BEC3188	SHOBIYA R	CTS			1
80	16BEC3189	SINDHU S	CTS			1
81	16BEC3190	SIVASAKTHI C	CTS			1
82	16BEC3191	SOWMIYA B	CTS			1
83	16BEC3192	SOWMIYA M	CTS			1
84	16BEC3193	SOWMIYA V	CTS	WIPRO		2
85	16BEC3194	SOWMYA S	HEXAWARE			1
86	16BEC3196	SRIDHAR RAJ K	HEXAWARE			1
87	16BEC3197	SRIDHARSHINI A	CTS	WIPRO		2
88	16BEC3200	SUGANYA C	CTS			1
89	16BEC3203	SWATHI.K.N	INFOSYS			1
90	16BEC3204	SWATHIKA M	CTS			1
91	16BEC3205	SWEDHA S R	INFOSYS			1
92	16BEC3206	SWETHA P	CTS			1
93	16BEC3208	THAMIL SELVI M	CTS			1
94	16BEC3209	THARANI R	CTS	WIPRO		2
95	16BEC3210	THARUNIKA B	CTS			1
96	16BEC3211	THIPIYA J	CTS			1
97	16BEC3212	UDHAYAPRAKASH S R	HEXAWARE			1
98	16BEC3220	VIGNESH G	TCS			1
99	16BEC3221	VIGNESH.S	CTS	WIPRO		2
100	16BEC3224	VINODH KANNA V	CTS	WIPRO		2
101	16BEC3225	VINOTHINI J	CTS	TCS	WIPRO	3
102	18MCM2004	SIVA DHARSHINI M	CTS			1
103	16BEC3171	SANGEETHA P	WIPRO HR SERVICES	DXC TECHNOLOGIES	FUTURE GENERALI	3
104	16BEC3207	SYED ALI FATHIMA J	WIPRO HR SERVICES			1
105	16BEC3026	ARUL KRISHNA R	NCR	DXC TECHNOLOGIES		2
106	16BEC3058	GOWSIKAN S	NCR			1

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107	16BEC3111	MOHANAKUMAR.S	NCR			1
108	16BEC3163	RANJITH RAM.B	NCR			1
109	16BEC3216	VARUNKUMAR.P	NCR			1
110	16BEC3230	YOGESHWARAN. V	NCR			1
111	16BEC3011	AKASH S	FUTURE GENERALI	DXC TECHNOLOGI ES	ILM	3
112	16BEC3042	DHARINI SHREE.T	FUTURE GENERALI	ILM		2
113	16BEC3048	DIVAKAR.P	FUTURE GENERALI	ILM		2
114	16BEC3050	ELANGO T	FUTURE GENERALI			1
115	16BEC3079	KANIMOZHI. D	FUTURE GENERALI			1
116	16BEC3105	MAREESWARAN.A	FUTURE GENERALI			1
117	16BEC3109	MEERAA A	FUTURE GENERALI	RENAULT NISSON	MITSUBA	3
118	16BEC3118	NANDHINI R	FUTURE GENERALI	ILM		2
119	16BEC3143	PRASANTH M	FUTURE GENERALI			1
120	16BEC3146	PRAVEEN B	FUTURE GENERALI	ILM		2
121	16BEC3158	RAKSHANTHA G	FUTURE GENERALI	MITSUBA	IDBI	3
122	16BEC3165	ROHINTH.N	FUTURE GENERALI	IDBI		2
123	16BEC3168	SABAREESHWARAN P	FUTURE GENERALI	FACE		2
124	16BEC3195	SOWNDHARYA.K	FUTURE GENERALI	MITSUBA		2
125	16BEC3213	UMAMAHESWARI D	FUTURE GENERALI	MITSUBA		2
126	16BEC3228	VIVEAK G	FUTURE GENERALI			1
127	16BEC3066	HARIPRASATH S	RELIGARE HEALTH			1
128	16BEC3084	KARTHIKA M	RELIGARE HEALTH	IDBI		2
129	16BEC3088	KAVINESH N	RELIGARE HEALTH			1
130	16BEC3089	KAVIPRATHIBA M	RELIGARE HEALTH	MITSUBA		2
131	16BEC3091	KAVITHANJALI C	RELIGARE HEALTH			1
132	16BEC3120	NARMATHA T	RELIGARE HEALTH			1
133	16BEC3129	NIRMAL CHANDRAN R	RELIGARE HEALTH	ILM		2

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134	16BEC3167	RUBHAN K	RELIGARE HEALTH			1
135	16BEC3176	SATHISH S	RELIGARE HEALTH			1
136	16BEC3178	SELVABHARANI S	RELIGARE HEALTH	ILM		2
137	16BEC3182	SHANMUGAPRIYA V	RELIGARE HEALTH	MITSUBA	IDBI	3
138	16BEC3201	SUJITHA S	RELIGARE HEALTH			1
139	16BEC3202	SUVETHASHRI K C	RELIGARE HEALTH	MITSUBA	IDBI	3
140	16BEC3103	MANISHA.L	NEXTWARE			1
141	16BEC3036	DHANABALAN.M	DXC TECHNOLOGIES			1
142	16BEC3097	LAKSHMI PRABHAA. B	DXC TECHNOLOGIES	ILM		2
143	16BEC3144	PRASANTHA S	DXC TECHNOLOGIES			1
144	16BEC3059	E.GOWTHAM	ILM			1
145	16BEC3067	ILAMATHI.M	ILM			1
146	16BEC3055	GOBIKA P	ILM	CAPGEMINI		2
147	16BEC3070	IRFANA KADER NISHA. A	ILM			1
148	16BEC3100	MADHUMITHA.J	ILM			1
149	16BEC3115	NANDHA KUMAR R	ILM			1
150	16BEC3175	SARANRAJ.R	ILM	IDBI		2
151	16BEC3022	ARAVINTH B	NEXTWARE			1
152	16BEC3181	SHANMUGAPRIYA. M	NOVAC	CAPGEMINI		2
153	16BEC3083	KARTHIKA B	MITSUBA	IDBI		2
154	16BEC3121	NAVADHARUNA PRIYA K	MITSUBA	IDBI		2
155	16BEC3126	NAVEENA R	MITSUBA			1
156	16BEC3131	NITHYA N	MITSUBA	IDBI		2
157	16BEC3135	NIVETHAPRIYA Y	MITSUBA			1
158	16BEC3153	PRIYANKA R	MITSUBA			1
159	16BEC3214	VANJINAYAGAM V	MITSUBA			1
160	16BEC3215	VARSHA J	FACE	IDBI		2

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161	16BEC3060	GOWTHAM R	IDBI			1
162	16BEC3123	NAVEEN KUMAR.M	IDBI			1
163	16BEC3124	NAVEEN S	IDBI			1
164	16BEC3033	DEEPA B	IDBI			1
165	16BEC3116	NANDHINI.B	IDBI			1
166	16BEC3119	NARMATHA.A	IDBI			1
167	16BEC3223	VINITHA. S	IDBI			1

Research and Development Cell

- ✓ For the evaluation of the Project / Grant proposal (prepared by the department faculty), an ADVISORY BOARD has been formed to evaluate the overall layout and content of the proposal before sending it to various funding agencies. Following are the members of the ECE Research & Development advisory board.

S.No	Name of the Board Member with Designation	Responsibility
1.	Dr.C.Vivek, HoD / ECE	Board Chairman
2.	Dr.S.PalanivelRajan, Associate Professor / ECE	Dept. R & D Head
3.	Dr.M.Dhamodaran, Professor / ECE	Member
4.	Dr.A.Sridevi, Associate Professor / ECE	Member
5.	Dr.V.Mariselvam, Senior Assistant Professor / ECE	Member

Citation Index of the Department and Faculty Members, taken from the **GOOGLE SCHOLAR** and **SCOPUS** are furnished below.

Google Scholar : **Department H-Index – 16**(as on 03.04.2020)

SCOPUS : **Department H-Index – 10**(as on 03.04.2020)

ANNA UNIVERSITY RESEARCH CENTRE RECOGNITION

Department of Electronics and Communication Engineering of our Institution have been recognized as a “Research Centre” by Centre for Research, Anna University (AU) Chennai w.e.f 01.03.2017. (Ref No. : 4260807). Research Supervisors are also available in the Department, in order to facilitate the research activities. Got Research Centre Renewal from CFR, Anna University Upto February 2023, dated on 12.11.2019.

S.No.	AU Ph.D Supervisor Recognition Number	Name of the AU Recognized Research Supervisor	Number of Ph. D's Produced / Pursuing
1.	2840034	Dr.C.Vivek, ASP & Head./ECE	1-Pursuing
2.	3040002	Dr.S.PalanivelRajan, ASP/ECE	6-Pursuing
3.	3140066	Dr.M.Dhamodaran, Prof./ECE	NIL
4.	3340057	Dr.S.Jegadeesan, ASP/ECE	NIL
5.	3440001	Dr.A.Sridevi, ASP/ECE	NIL

JOURNAL / PATENT PUBLICATION DETAILS

S. No.	YEAR	SCI/ SCIE	WoS	SCOPUS	OTHERS	IJETST	TOTAL		PATE NT	BOOK
1.	2019-20	14	25	36	***	1	76	+	4	1

TURNITIN- PLAGIARISM SOFTWARE - LICENSED USER DETAILS

S.No.	Name of the Faculty	Usage Category
1.	Dr.C.Vivek	Unlimited Submission
2.	Dr.S.PalanivelRajan	

MoU's SIGNED with TESLA MINDS, CHENNAI

- ✓ Name of the Industry : Tesla Minds, Chennai
- ✓ Date of MoU : 21.09.2019
- ✓ Purpose / Outcomes : Students Internship with Stipend, Value Added Courses for Students and Consultancy Work for the Faculty members



AWARDS AND ACHIEVEMENTS

- ✓ Dr.S.PalanivelRajan, Web of Science Researcher ID : C-5349-2018, One of the Top Reviewers on PUBLONS (Web of Science – Clarivate Analytics), 2020

EVENTS ORGANIZED

One Day Seminar on Recent Trends in “Wireless Communication and its Applications”

September 21, 2019

S. No	Date	Time	Dept. Name	Name of the Event	Name of the Resource Person	Venue	REMARKS
1.	21.09.2019	8.30am to 5pm	ECE	One Day Seminar on Recent Trends in “Wireless Communication and its Applications”	Mr.T.Jayanandan , Founder and CEO, Tesla Minds, Temple Tower, Nandanam, Chennai - 600035.	CH-2, Main Block	Good Feedback from the Participants

No. of External Participants : 66
No. of Internal Participants : NIL
No. of Colleges Participated : 10



Name of the Colleges :

1. K.Ramakrishnan College of Technology, Trichy
2. Jai Shriram Engineering College, Avinashipalayam, Tirupur
3. Vivekananda College of Engineering for Women, Tiruchengode, Namakkal District
4. Velalar College of Engineering and Technology, Thindal, Erode
5. PSNA College of Engineering and Technology, Dindugal
6. Paavai Engineering College, Namakkal
7. NadarSarawathi College of Engineering and Technology, Theni
8. Muthayammal Engineering College, Rasipuram, Namakkal District
9. Al Ameen Engineering College, Erode
10. Cheran College of Engineering, Karur

No. of districts : 07

Name of districts : Trichy, Tirupur, Namakkal, Erode, Dindugal, Theni, Karur

National Level Seminar on “Image and Signal Processing for Biomedical Applications”

October 12, 2019

S.No	Date	Time	Dept. Name	Name of the Event	Name of the Resource Person	Venue	Remarks
1.	12.10.2019	8.30am to 5pm	ECE	National Level Seminar on “Image and Signal Processing for Biomedical Applications”	Dr.S.VIJAYPRASATH, Assistant Professor/ECE, P.S.N.A. College of Engineering and Technology, Dindugal	CH-II, Main Block	Splendid Feedback from the Participants

No. of External Participants : 33

No. of Internal Participants : 08

No. of Colleges Participated : 09



Name of the Colleges :

1. M.Kumarasamy College of Engineering, Karur
2. P.S.N.A College of Engineering and Technology, Dindugal

3. Sri Ramakrishna Institute of Technology, Coimbatore
4. Paavai Engineering College, Namakkal
5. Chettinad College of Engineering and Technology, Karur
6. NadarSaraswathi College of Engineering and Technology, Theni
7. Sengunthar College of Engineering, Tiruchengode, Namakkal District
8. Muthatammal Engineering College, Rasipuram, Namakkal District
9. Vivekanandha College of Engineering for women, Tiruchengode, Namakkal District

No. of districts :05

Name of districts :Coimbatore, Dindugal, Namakkal, Karur, Theni

National Level Seminar on Recent Trends in “RF, Microwave and its Applications”,

January 4, 2020

S.No	Date	Time	Dept. Name	Name of the Event	Name of the Resource Person	Venue	REMARKS
1.	04.01.2020	8.30am to 5pm	ECE	National Level Seminar on Recent Trends in “RF, Microwave and its Applications”	Mr.T.Jayanandan, Founder and CEO, Tesla Minds, Temple Tower, Nandanam, Chennai - 600035.	CH-2, Main Block	Good Feedback from the Participants.

No. of External Participants : 25

No. of Internal Participants : 30

No. of Colleges Participated : 09



Name of the Colleges :

1. Paavai Engineering College, Namakkal
2. Muthayammal Engineering College, Rasipuram, Namakkal District
3. Jai Shriram Engineering College, Avinashipalayam, Tirupur
4. Vivekananda College of Engineering for Women, Tiruchengode, Namakkal District
5. Velalar College of Engineering and Technology, Thindal, Erode
6. PSNA College of Engineering and Technology, Dindugal
7. M.Kumarasamy College of Engineering, Karur
8. Al Ameen Engineering College, Erode
9. Cheran College of Engineering, Karur

No. of districts : 06

Name of districts : Trichy, Tirupur, Namakkal, Erode, Dindugal, Karur

International Conference on Signal Processing and Communication Systems (ICSPCS 2020)

March 5, 2020

S.No	Date	Time	Dept. Name	Name of the Event	Name of the Resource Person	Venue	REMARKS
1.	05.03.2020	8.30am to 4pm	ECE	International Conference on Signal Processing and Communication Systems	Dr.E.Muthukumaran, Associate Dean (R & D), Dept. of ECE, Dr.B.R.Ambedkar Institute of Technology [Govt.], Pahargaon, Port Blair - 744 103, Andaman and Nicobar Islands	CH-2, Main Block	Good Feedback from the Participants.

No. of External Participants : 379

No. of Internal Participants : 224

No. of Colleges Participated : 32

No. of districts : 16



Two days Workshop on IOT in CC3200 & TIVA Launchpad (Texas Instruments)

August 13 & August 14, 2019

M.Kumarasamy college of Engineering organized Two day's workshop on 13.08.2019 & 14.08.2019. Participants had learned IOT in CC3200 controller and MSP430 controller and its applications implement in Texas kits through hands-on training. Resource person Mr.Jeevaprasath A, Edgate-Technologies Private Limited, Bangalore presented about basic operations of CC3200 controller and Basic Programs of Tiva controller with Booster pack CC3100 and Students have implemented the applications of Texas controllers using Sensors.



Texas innovative lab Established on 26 June 2018. It has Texas Instruments tools and its software. Students & Faculty Participants had trained and utilized hardware with Energia software in Texas Instruments innovation Centre, M.Kumarasamy College of Engineering, Karur.

No of Students Participants : 61

No of Faculty Participants : 08