MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Kalitheerthal kuppam, Madgadipet 605107

NEWSLETTER (March– 2020)

IEEE | IETE सह वीर्य करवावहै | INDIAN SOCIETY FOR TECHNICAL EDUCATION ISTE | FASE Fabulous Association of Scholars of Electronics

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

ABOUT THE INSTITUTION

Manakula Vinayagar Institute of Technology (MVIT) was established in 2008, with a view to provide quality technical education to young aspirants. The institution is affiliated to Pondicherry Central University and is approved by AICTE, New Delhi.

Our college is professionally managed and guided by the members of the board of Management with vast experience, knowledge and academic excellence, with a vision to achieve the most preferred position globally.

The high performance of our Institution is witnessed by the results produced by our students in the university exams. Our Institution has acquired enviable status for maintaining highest order of discipline.

MVIT is revitalizing itself, to face the challenging expertise with reputed team of faculty. We facilitate to produce efficient Professionals who can meet the demands of the expectations and shine in their profession through innovative ideas, knowledge and team work.

CHAIRMAN'S MESSAGE

Shri. M. DHANASEKARAN

Sri Manakula Vinayagar Educational Trust was formed with the objective of imparting quality technical education, medical education and other relevant field of education especially to the weaker section of the society.

The Trust is sponsoring the colleges with the state of art facilities and modern technologies for making our students employable as well as to become successful entrepreneurs. We are running all the colleges in the highest order of discipline among the students and personally take care of their studies, successful completion of the course. We take utmost care about students future and also believe that they all are our customers.

All the colleges have got highest order of discipline, won the reputation and opinion of public and industrialists. That is the success of our institutions which makes us to be a leader in Education.

VICE CHAIRMAN'S MESSAGE

Shri.S.V.SUGUMARAN

The transition from school to college is a very big step in life. By choosing to create a future for yourself from our institution means that we, the teachers and management at MVIT are responsible for your successful graduation and growth. You will cherish every day at your college, right from day one, you will feel welcome by all of us here – your seniors, your new professors, and members of administration you will get to interact with. What's more the energetic environment will have you charged up to achieve your dream with confidence like never before.

It is your career path that you have now embarked upon, which will be a remarkable journey in itself that will prepare you for a life beyond college. We pray and will work with you to see you become one with the society where your contribution will make a definitive difference to our world.

The commitment from us begins from day one - to work with you and walk with you through each day all through the years you will spend here which is your home away from home. The learned staff members and the ever accessible Management are always with you to guide you through your path and help you nurture your dreams and fulfill them – by empowering you to realize your true potential. Be it studies, sports or any extracurricular activities, you don't just graduate with a degree and a certificate – but become a graduate of life and a true

SECRETARY'S MESSAGE

Dr. K. NARAYANASAMY

The essence of Engineering and technology which has spread in India is a very positive sign not only to cater domestic needs but provide manpower to the entire world and become biggest technically trained community. The Institution has successfully integrated its vision, values and vitality in a distinct blend that has significantly enhanced brand image. Engineers play the most vital and important role in nation building. They create new inventions using best engineered technologies to make human life more comfortable, secure and productive.

In modern times, nations which have rich engineering and experienced management domains are flourishing economically and are providing better lives to their people We have excellent potential to grow in diversified areas and excel in Engineering and Management fields. We need enormous number of engineers and managers to write next story of success. The Institution will continue to strive hard to make the students come out in flying colors in technological field. Our journey is towards excellence. We invite you to be a part of this excellence by becoming an authentic and share the exhilarating learning experience.

PRINCIPAL MESSAGE

Dr.S.MALARKKAN

My heartiest welcome to all the young and budding Engineers who have joined in Manakula Vinayagar Institute of Technology (MVIT). With the guidance of our respected Chairman and Vice Chairman, with the help of highly qualified and dedicated faculty team, we will be moulding the students to the required shape which will make them industry-ready, employable and well disciplined.

The Manakula Vinayagar Institute of Technology will strive hard to provide pleasant ambience and conducive atmosphere for moulding the young minds to scale greater heights in their chosen field of study. In our college we give top priority to academic excellence, innovation, and discipline. An effective Training and Placement Cell is in place to provide placement to all our students. Focus is given to Extra Curricular and Co-Curricular activities through various clubs and societies instituted to augment the students skills and knowledge.

A state-of-the-art and up-to-date infrastructure facilities and good learning atmosphere are the hallmarks of our Institution. I hope all the students admitted in this Institution will enjoy their study in the campus. Let us all come together, build together, and achieve together with the blessings of Almighty for Tomorrow's India.

ABOUT THE DEPARTMENT

Accredited by NBA

The Department was established in the year 2008 focusing to develop the skills of modern youth in the field of Electronics and Communication Engineering. Adequate emphasis is given to electronic design using modern teaching methodologies. Emphasis is also given to the development of soft and hard skills. Utmost care is taken in the perspective of imparting more practical knowledge to the student's community in the field of Electronics and Communication.

VISION

The department aspires to produce dexterous professionals, competent Researchers and entrepreneurial leaders for the benevolence of the society.

MISSION

Higher Order Thinking: To invoke higher order thinking among the students by means of comprehensive teaching and learning process.

Competency: To provide training on cutting-edge technologies to improve the competency of the students.

Continuous learning: To promote innovation through providing state of-art facilities and active industry institute interaction.

Entrepreneurship: To facilitate the students to improve their leadership and entrepreneurship skills with ethical values.

PROGRAMME EDUCATIONAL OBJECTIVES

Graduates of Electronics and Communication Engineering will

PEO1: **Employability:** Our Graduates shall be suitably employed in allied industries/services with professional competency and knowledge of modern tools..

PEO2: **Higher Education**: Our Graduates shall be capable to pursue higher studies/research in the field of engineering and management.

PEO3: **Entrepreneurship:** Our Graduates shall be prepared for a successful career by meeting ever increasing demands required by Electronics and communication profession and enable them to become an entrepreneur.

PEO4: **Ethical**: Our Graduates cultivate professional and ethical attitudes with effective communication skills, team work and multidisciplinary approach related to engineering issues.

PROGRAMME OUTCOMES

Engineering Graduates of will be able to:

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.

PROGRAMME OUTCOMES

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.

PROGRAMME SPECIFIC OUTCOMES (PSOS)

PSO1: **Products Development:** Use modern tools to design subsystems for simple applications in Embedded Systems and VLSI.

PSO2: **Design Thinking:** Apply engineering concepts to find solutions in the fields of Communications, Signal/Image Processing.

STAFF ACTIVITIES

Dr.S.Arunmozhi presented a paper on **"Development of Machine Learning Tool to Classify Plasmodium Species based on its Shape and Texture Features"** at 3rd International Science Symposium on HIV and Infectious Diseases (ISSHID 2019), SRIHER, Porur, Chennai, on 13th Oct 2019.

Dr.R.Valli has been Participated in the five days **Study Tour** to Dudley College, UK sponsored by AICTE and British Council from 14th – 19th October, 2019.

"Study tour to Dudley College sponsored by AICTE and British Council, UK"

Dr. G. Idayachandran and Dr. S. Arunmozhi submitted a concept **proposal** titled **"Investigations on Effects of Radio Frequency Radiation on Anopheles Mosquito: A Study on Mosquito Control and Elimination"** to ICMR MERA, India.

Dr.R.Valli has been recognized as one of the **"Most Promising Educators in Higher Education Across India"** for the year 2019 by the Academic Council of uLeKtZ on 30th October 2019.

Ms.B.LakshmiPriya submitted a concept **proposal** titled **"3D Modelling of Liver for Predicting Aggressiveness of Hepato Cellular Carcinoma (HCC) based Intra-Tumoural Characteristics"** to ICMR – ICRC, India in association with **JIPMER**, Puducherry.

Dr.R.Valli has attended a National Level Workshop on **"Socially Relevant Technical Education- Exploring Cooperation Oriented Actions" which was held on 6th and 7th December 2019 at NITTR, Chennai.**

Dr.G.Idayachandan attended the **IIC Innovation Ambassador Training Series** held at RMK Engineering College on 8th and 9th January 2020.

Ms.B.LakshmiPriya has given **special Lecture** on **"Time Domain Representation of signals"** for second year students on 9th March 2020 at Av room, MVIT, Puducherry.

"Special Lecture on Time Domain Representation of signals"

Dr.Saraswathi and Ms.B.LakshmiPriya submitted a concept proposal titled **"Design and Development of Machine Learning based Computer Aided Diagnosis System for Breast Cancer"** to ICMR – ICRC, India.

Ms.B.LakshmiPriya is awarded with **"IEEE Award"** by IEEE Madras Section in recognition of publication in IEEE Journal of Biomedical and Health Informatics.

"IEEE Award" for Publication in IEEE Journal of Biomedical and Health Informatics"

Ms.G.Sharmila and Ms.S.Karthika attended a Two Day IEEE CIS Madras Chapter Technically Sponsored **Faculty Development Programme** on **"Machine learning"** at SRM IST, Chennai on 11th and 12th November 2019.

Mr.K.Kumaran has published a paper titled "Hardware Implementation of Dedicated Squaring Circuit by Passing Multipliers" in journal "Test Engineering and Management" in March 2020.

STAFF ACTIVITIES

Dr.D.Saraswathi, Dr.G.Idayachandran and Ms.B.LakshmiPriya attended a Two Day **workshop** on **"Data Analysis in R using STATCRAFT"** organized by the department of Statistics, Pondicherry University in collaboration with M/s Predictive Analytics Solutions Private Limited, Bangalore.

Ms.R.Vithiya,Mr.M.Sivaraj,Ms.R.Punithalakshmi and Ms.S.Karthika completed an **NPTEL Online Certification** Exam on **"Developing Soft Skills and Personality"** conducted during November 2019.

Dr.S.Padmapriya completed an **NPTEL** Online Certification Exam on **"Joy of Computing using Python"** conducted during November 2019.

Dr.D.Saraswathi and Ms.B.LakshmiPriya completed an **NPTEL** Online Certification Exam on **"Practical Machine Learning with TensorFlow"** during November 2019.

Dr.R.Valli attended a workshop on **"Designing Active Learning Classroom"** for STEMM on 9th November 2019 at Anna University, Chennai.

Dr.S.Arunmozhi, Dr.M.Jayekumar, Dr.G.Idayachandran, Dr.S.Padmapriya, Ms.B.LakshmiPriya, Ms.R.Punithalakshmi, Mr.Gowshameed and Mr.M.Sivaraj went for a visit at **Eaton Power Quality Pvt. Ltd.,**Sedarapet, Puducherry on 27th November 2019.

"Industrial visit to Eaton Power Quality Pvt. Ltd., Sedarapet, Puducherry"

R.Vithiya attended five day **STTP** on **"Recent Trends in Industrial Automation and Control"**, organized by the Dept of EIE, Pondicherry Engineering College during December 16-20, 2019.

Ms.B.Lakshmi Priya has been awarded with **NPTEL Mentor** Certificate in recognition of her role as Mentor for the NPTEL online certification course on **Practical Machine Learning with Tensorflow.**

STAFF ACTIVITIES

Dr.D.Saraswathi, Ms.G.Sharmila, Ms. R.Vithiya, Ms.S.Karthika, Ms. K.Punithavathi and Mr.M.Sivaraj went for a visit to **Lenovo**, Puducherry on 6th December 2019.

"Staff Industrial Visit to Lenovo, Puducherry"

Dr.S.Arunmozhi, Dr.M.Jayekumar, Mr.V.Rajesh, Mr.K.Kumaran, M.J.Franklin attended the **Puducherry HR Summit**, PHRS 2019 organized by CII Puducherry, on 6th December 2019.

Puducherry HR Summit, PHRS 2019 organized by CII Puducherry

Dr.D.Saraswathi and Ms.B.LakshmiPriya attended five day workshop on "**AICTE MARGDAR-SHAN SCHEME – NBA inHigher Educational Institutions**"at SMVEC, Puducherry.

Mr.V.Rajesh and Mr.K.Kumaran attended two day **workshop** on **"FPGA design flow using Xilinx Vivado**" conducted by Dept of ICSE at PSG College of Technology, Coimbatore from 13th December to 14th December 2019.

Mr.E.Ramassamy and Mr.J.Franklin attended two Day **Faculty Development Programme on "LoRa WAN Protocol for IoT Applications"** from 05th to 06th December, 2019 at St. Anne's College of Engineering and Technology.

Dr.S.Arunmozhi, Dr.S.Padmapriya, Dr.G.Idayachandran, Mr.V.Rajesh, Ms.R.Punithalakshmi, Ms.G.Sharmila, Mr.Gowshameed attended a **Faculty Development Programme** on **"Image and Video Processing using MATLAB"** from 16th to 20th December 2019 conducted by Ethnotech Academic Solutions Pvt Ltd organized by Department of ECE, MVIT, Puducherry.

"FDP Certificate Distribution at the inauguration of center of excellence at MVIT"

Dr.M.Jayekumar and Mr.J.Franklin attended the **"4th Industry-Academia Forum"** at Chennai on 16th December 2019.

Ms.B.LakshmiPriya has applied for a workshop **proposal** on titled **"Artificial Intelligence (AI) Enabled Translational Research for Health Informatics"** to ICMR, New Delhi.

Dr.R.Valli has attended a Program of UNNAT BHARAT ABHIYAN 2.0 a regional Workshop for the **"Orentation of Participating Institutes to Initiate Work in the Adopted Village Clusters"** on 25th January 2020 at SRM, Chennai.

Ms.B.LakshmiPriya has been invited as a **resource faculty** to deliver a lecture on **"Artificial Intelligence for Medical Imaging"** in Continuing Medical Education Programmed on Medical Imaging – From Fundamentals to Future as a part of 5th Research Day Celebration **JIPMER** held on 9th January 2020.

Dr.G.Idayachandran, Dr.D.Saraswathi, Dr.S.Padmapriya and Ms.B.LakshmiPriya have completed an online course on **"AI from the Data Center to the Edge – An Optimized Path using INTEL Architecture"** offered by INTEL AI Academy.

STAFF ACTIVITIES

Ms.B.LakshmiPriya has been invited as **resource person** for conducting One Day Hands-on Session on **"Non-Linear Biomedical Signal Processing"** on 10th January 2020 on the occasion of IEEE EMBS sponsored FDP onNon-Linear Biomedical Signal Processing at MS Ramaiah Institute of Technology, Bangalore.
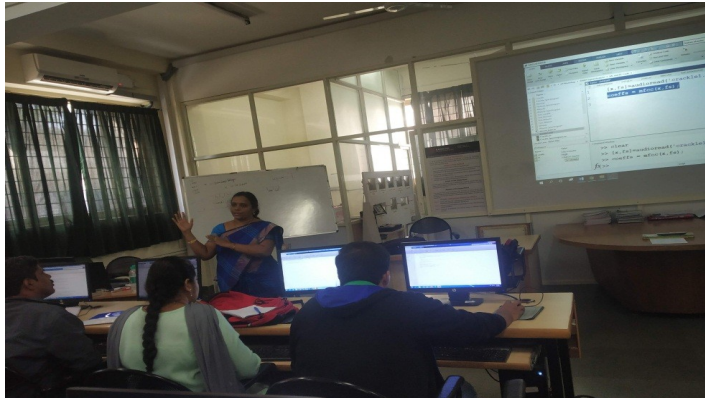
"One Day Hands-on Session on "Non-Linear Biomedical Signal Processing at MS Ramaiah Institute of Technology, Bangalore"

STUDENTS ACTIVITIES

S.Karthigeyan of IV ECE has signed an MoU with IITM HTIC Med tech Incubator on 1st October 2019.

S.Nanthini and Udayakumar have undergone an Internship at Integra Software Services, Puducherry from 21st October to 25th October 2019.

S.Balaganapathy and D.Muralidharan of III ECE submitted a project **proposal** titled **"Low Cost Tremor Measurer for Parkinson's Disease Diagnosis"** in IEEE Student Project Fund SPF 2019 under the guidance of Ms.B.LakshmiPriya.

K.Manojkumar and S.Kannan of III ECE submitted a project proposal titled **"Automation Of Hydroponics Green House Farming Using IOT"** to IEEE SPF on 15.10.2019 under the guidance of Dr.D.Saraswathi.

STUDENTS ACTIVITIES

Rambabu.M of IV ECE and Jasena of III ECE secured **first and second prize** respectively in the Debate on the title "India 2030" conducted by MVIT Technical Club in association with Young India, Puducherry on 30ᵗʰ October 2019.

"Rambabu. M receives first prize in the Debate in the title INDIA 2020"

D.Sandhavel and P.Vasanthakumarfrom final year secured III place in Coding Contest "**CODE CHALLENGE 2020**" conducted by NIIT, Puducherry with a cash prize of Rs.1000/-.

"Principal appreciates D.Sandhavelfor his effort in CODE CHALLENGE 2020"

Prasanth Kumar of IV ECE B got job offer in placed in **Paragon**, Chennai in a Pooled campus drive conducted in our college on 23ʳᵈ October 2019.

Shivapriya and Supriya of IV ECE A got job offer in **Sutherland Global**, Chennai in the recruitment drive conducted on 31ˢᵗ October 2019.

12 final ECE students **got job** offer through **TCS HumAIn contest.**

15 students from final year got **job offer** through **TCS Inframinds contest.**

STUDENTS ACTIVITIES

Partheban.M from final year was selected as a finalist of **TCS HumAIn**contest powered by MFDM which was organized by TATA consultancy services at Siruseri on 6th to 8th November 2020.

"Finalist of TCS HumAIn contest Organised by TCS, Siruseri"

Selvaprabu.S and Suhas. E from third year have participated in three days' **workshop**on **"Entrepreneurship awareness Camp"** conducted by NIMAT at ManakulaVinayagar Institute of Technology, Puducherry from 26th to 28[th]October 2019.

The following students completed **NPTEL Online certification** exam conducted during November 2019.

Selvaprabhu – III ECE B – Practical Machine Learning with TensorFlow

M.Esaiselvam – III ECE A – Practical Machine Learning with TensorFlow

M.Esaiselvam – III ECE A – Joy of Computing using Python

S.Balaganapathy – III ECE A –Programming, Data Structures And Algorithms Using Python

D.Sandhavel of IV ECE got job offer in **E Con Systems** in the recruitment drive conducted on 8th November 2019.

Jenitha and Oliyarasi of IV ECE won **3rd place in intercollegiate chess tournament** conducted at Pondicherry University on 9th November 2019.

STUDENTS ACTIVITIES

Two project **proposals** submitted by S.Balaganapathy&D.Muralidharan and K.Manojkumar&S.Kannan have been shortlisted for final round of IEEE Student Project Fund SPF 2020.

M.Geethamhalatchoumy, J.M. Shalinidevi and A.Thamarai from third year have participated in Project Expo and presented their project titled **"FIRE FIGHTER"**which was conducted ManakulaVinayagar Institute of Technology through Technical club on 28th December 2020.

"Internal Mini Project Expo Organized by Technical club of MVIT, Puducherry"

M.Esaiselvam of III ECE A completed an online course on **"Master Python for data Science and Machine Learning V1"** offered by EduGrad.

S.Arun and S.Balaganapathy has undergone **inplant training at Eaton**, Pvt. Ltd., Puducherry from 7th to 10th January 2010.

Vasanthakumar.P of IV ECE B joined as Intern at Zoho, Chennai on 6th January 2020.

All IV ECE students and interested students from II ECE have taken the **"Hello Bot: Introduction to RPA"** Certification course offered by ICT Academy in association with Automation Anywhere University from 27th to 31st January 2020.

A.ShabanaParveen, A. Jayalakshmi, K. Mirutikaand Priyadharshini. T from second year have Presented a paper on **"Brain Tumour Classification Using Deep Learning"** conducted by CARTE BLANCHE'20 held on 4th January 2020 organized by **Madras Institute of Technology**, Anna University, Chennai.

Jamuna of IV ECE A has **got placed in Infosys** in the recruitment drive held at SMVEC, Puducherry on 28th and 29th January 2020.

STUDENTS ACTIVITIES

Dharanidharan, Akash and Saikumar of III ECE A have won **"The Best Innovation Award" in AMET Idea Challenge – 2020** organized by AMET Innovation and Incubation Center.

P.Pravin from third year has been participated in a **three-hour Study Jam in Bengaluru** organized by NPTEL on 7th March 2020.

Esaiselvam of III ECE A conducted a one Day Workshop on 28th February 2020 "**Basics of Python for Data Science**" for the students who have registered for the NPTEL course on Python for Data Science.

Manojkumar and Seenuvasan of III ECE A have won **first prize in SCIMIT 2020**, a mega project expo, at MVIT, Puducherry.

"SCIMIT 2020"

E.Suhas, S.Arun, Mohammed Abdullah and Velprasath of III ECE B have won **I prize**and Received cash award of Rs.1500/- in Project Expo competition **ELECTROWIZ 2020**conducted at Velammal Engineering College on 1st February 2020.

"Students receives wining certificate in Project Expo at Velammal Engineering College, Chennai".

Keerthivasan.P from III year has **won 1st Prize** in IPL auction a non-technical event which was held at **Pecofes 2K20** conducted by Pondicherry Engineering College on 29th Feburary 2020.

Keerthivasan.P from III year has **won 1st Prize** in Technical Quiz which was held at **NEURA** conducted by Pondicherry Engineering College on 12th March 2020.

"Technical Quiz held at Pondicherry Engineering College, Puducherry"

Abishek.T of Second year has participated in the **Hybrid and Electric Vehicle workshop of AUTOMEET 20** held on January 24 &25, 2020 at Madras Institute of Technology, Anna University, Chennai.

Thirunavukkarasu.G from second year has received certificate of appreciation for successfully participating in the **RC Racing** and proved his mettle with an outstanding performance and thus conferred with the **First award** in the 9th edition of Combusted held on 26th February 2020 at **SRM Institute of Science and Technology,** Ramapuram, Chennai.

"First Prize in RC Racing at SRM, Chennai"

STUDENTS ACTIVITIES

ShaaliniDevi.J.M from third year has won **First prize** in "**Q card**" a non- technical event held at Christ college Engineering and Technology, Puducherryon 9th March 2020.

"Technical Symposium at Christ college of Engineering and Technology, Puducherry"

20 Interested students from third year have undergone **CCNA Certification** during 27th July 2019 to 9[th]Feburary 2020 at Dynamic Institute of Technology, Puducherry.

Students shortlisted from III year for have presented their project idea in **Internal Hackathon** under the problem statement hosted in **SMART INDIA HACKATHON 2k20** which was held at Manakula Vinayagar Institute of Technology, Puducherry on 13th January 2020.

"Internal Hackathon- Idea Presentation under SIH problem Statement"

Archana, Devi, Hemadevi, Kumar, Papitha and Santhosh Kumar of IV ECE got **job offer** in **CTS**.

Kumar of IV ECE got **job** offer in **GAVS** in the off campus drive held on 24th February 2020.

STUDENTS ACTIVITIES

P.Arjunraam, Ashwin Sam, Mugilan, Abinash and Mohammed Yousuf of II ECE A have attended a Two Day **Workshop** on **"Quadcopter"** during 12th and 13th February 2020 organized by the department of ECE, Ramco Institute of Technology, Rajapalayam.

S.Varun, Annie Cyria.D and Aarthy of IV ECE have attended the "**Blue Prism – Robotic Process Automation (RPA) Technologies"** training offered by TCS at SMVEC from 03.02.2020 to 08.02.2020.

Online Prefinal Review has been conducted through Skype on 6th March 2020 for the two project batches shortlisted for **IEEE Student Project Fund 2020.**

Thireha.H, VismayaS.Nair and Suganthra Devi of II ECE have completed an Online Course on **"Python for Machine Learning"**and **"Cloud Foundations"** offered by Great Learning Academy.

VismayaS.Nair and Suganthra Devi of II ECE have completed an **Online Course** on **"Data Visualization using Python"** offered by Great Learning Academy.

Karthik.B of III ECE B has completed an online course on **"My SQL"** offered by **GUVI**.

S. Bharathraj from second year has participated in the event of **IOT workshop** in **National Level Project Expo MEETUP 4.0** held during 7th and 8th February 2020 at KPR Institute of Engineering and Technology, Coimbatore.

Dharanidharan of III ECE A has completed an online course on **"Python for Data Science"** offered by IBM and **"Python 101 for Data Science"** offered by COGNITIVECLASS.ai.

Jeevika. G, Srimathi. P and Janani.B from IInd year have participated in **"Internet of Things"** workshop conducted by Kyrion Technologies Pvt.Ltd on 11th and 12th January 2020 at VIT, Chennai in association with Vibrance'20.

A team from III ECE A comprising of Dharanidharan, Balaganapathy.S and Muralidharan.Dhas been shortlisted for the **MishMash Online Hackathon** stage, MishMash - India's largest online/virtual Diversity Hackathon offered by UNILEVER.

Suvetha.A from Second year has participated in the event "**LINEX"** conducted during GYANITH'20 held at **National Institute of Technology**, Puducherry on5th March 2020.

STUDENTS ACTIVITIES

Suvetha.A from Second year B section has participated in the **Project expo** at National Level Technical symposium *Chimera 2k20* Conducted by Rajiv Gandhi college of Engineering and Technology held on 6th& 7th March 2020.

T.Priyadharshini from Second year B section has presented a paper in **National Level Technical symposium***Zarius'20* Conducted by Rajiv Gandhi college of Engineering and Technology held on 6th& 7th March 2020.

Suhas.E, Velprasath.M, Sirenjeevi.L, Mohammed Abdullah. J, Shalinidevi. J.M and Monika. S from III year have conducted **Internal Workshop on Arduino** for 1st year students on 24th and 25thFeburary 2020 at ManakulaVinayagar Institute of technology, Puducherry.

"Students conducted Internal Workshop using Arduino"

Shaalinidevi.Jand Velprasath. M from III year have participated in the **project expo** which was held at Christ Engineering College on 9th March 2020.

DharaniDharan and Karthik. B from 3rd year have received the certificate of achievement for the successful completion of **"The Fundamentals of Digital Marketing"** certification through Google Digital Unlocked on 23rd March 2020.

Suhas.E from III year has won **3rd prize** in the **project expo** which was held at Christ College of Engineering and Technology, Puducherry on 9th March 2020.

*DharaniDharan receives 1st Prize for Paper Presentation at RGCET, Puducherry*

Sanjay Kumar from III year has given a motivational Talk on the topic **" How to face the Board Exam"** for 10th standard student which was organized by **MVIT NSS club** at Kalmandabam Government School on 31st January 2020 was accompanied by Dr. D. Saraswathi.

A "Motivational Talk" at Kalmandabam Government School, Puducherry

PROGRAM ORGANIZED

Two Day Hands – on Training on **"Deep Learning Models for Signal and Image Recognition using Python"** was organized in association in IEEE Madras Section on 11th and 12th November 2019 for external participants.
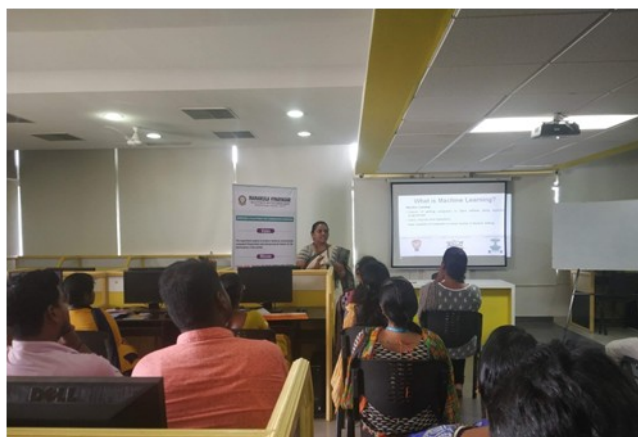
"Hands-on training on "Deep Learning Models for Signal and Image Recognition using Python"

Alumni Special Talk on **"Robotic Process Automation"** by 2017 passed out Alumni, Mr.S.Sasidharan, TCS, Chennai was organized on 1st February 2020. The arrangements were made by Dr.D.Saraswathi.

3rd **Stellars Trophy**, an intercollegiate 5's football tournament was conducted on 23rd and 24th February 2020 by the **2017 Batch alumni** students of ECE on remembrance of their beloved friend P.S.HariKumar.

"Dr. Rachna Singh IPS, Superintendent of Police (North), Puducherryhas been invited as a chief guest for the Inauguration of Stellar's Trophy 2020".

A National Level Technical symposium **MITRONCE 2k20** has been organized by Department of ECE on 14ᵗʰ and 15ᵗʰ February 2020.
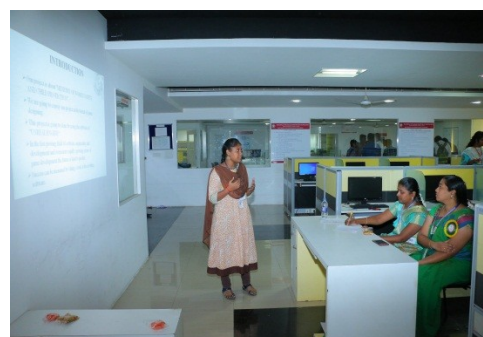
"MITRONCE 2K20"

One day IEEE sponsored seminar on thetopic **"Recent Advances in Image Processing Techniques for Rheumatoid Arthritis Research and Clinical Issues"** has been arranged for Third year ECE students at MVIT, Puducherry on 10th march 2020. The resource person was **Dr. PasupathyPalaniappan,** Assistant Professor, Department of Orthopedics, **Jipmer**, Puducherry. Arrangements were made by Mr.V.Rajesh.

One day IEEE sponsored seminar on "Recent Advances in Image Processing Techniques for Rheumatoid Arthritis Research and Clinical Issues"

PROGRAM ORGANIZED

Students of II ECE A and B have gone for an **industrial visit** to **Aavin**Villupuram on 27th February 2020. Three faculties Dr.G.Idhayachandran, Mr.V.Rajesh and Mrs. Punithalakshmi from ECE department have accompanied the visit.

"Industrial visit to Aavin, Villupuram"

Students of III ECE A and B have gone for an **industrial visit** to **"Beta Technologies"** Coimbatore on 14th and 15th March 2020. Four faculty members Dr.S.Padmapriya, Ms.G.Sharmila, Mr.E.Ramassamy and Mr.S. Gowshammed have accompanied the students.

"Industrial Visit to Beta Technologies"

Online tests for II, III and IV year students on all subjects were conducted through **Google Classroom** during COVID – 19 lock down period.

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