



# ECE Newsletter June

## FROM EDITORIAL DESK

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It gives us great pleasure to bring out this issue of department newsletter of ECE. The name and fame of an institute depends on the caliber and achievements of the student and teachers. The role of a faculty member is to be a facilitator in nurturing the skills and talents of students. This newsletter is a platform to exhibit the literary skills and innovative ideas of faculty and students. ECE newsletter presents the achievements of students and contributions of faculty. We would like to place on record our gratitude and heart-felt thanks to all those who have contributed to make this effort a success. We profusely thank the management for giving support and encouragement and a free hand in this endeavor.. We truly hope that the pages that follow will make an interesting read.

*"Education is The Manifestation of The Perfection  
Already in Man"*

*- Swami Vivekananda*



## **FIVE- DAY WORKSHOP ON "RECENT TRENDS IN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING TECHNIQUES "**

Prof. Rajashekargoudapatil, Prof. Sowmya K S and Prof. Roopa were the resource persons. The Department of Electronics and Communication Engineering of ATME College of Engineering, Mysore had organized five-day workshop on "Recent Trends in Artificial Intelligence and Machine Learning Techniques" from 3rd Feb 2020 to 7th Feb 2020. Totally, 34 students from ATME College of Engineering, Mysuru were participated in this workshop. The workshop was organized by Mrs. Harshitha N and Mr. Manjunath K, Asst. Prof. Department of ECE, ATMECE, Mysuru. The workshop mainly focused on providing the detailed exposure to machine learning programming and engaged students in real-time projects and assignments that have huge implications in real-world industry scenarios. In the Day1 session the introduction and theory concepts were taught in the forenoon session followed by hands on of the same in the afternoon session. The concepts discussed were introduction of Machine Learning,



Overview of Supervised vs Unsupervised Learning, Overview of Continuous (Regression) vs Discrete (Classification) Algorithms, Introduction to Tools: Jupyter, Spyder, Colab using python,

Overview about Features and Data containers: CSV File, Image (2D, 3D). Day2 focused on concepts of regression and SVM (Support Vector Machine). The Day3 dealt with the Principal Component Analysis and KNN algorithm. In Day4, layer models and classifications were the topic of interest. Finally, in the Day5, web crawling techniques were discussed. The workshop was interactive and quizzes were conducted in the sessions and prizes were given to the participants those who scored highest marks in the quizzes.



## Webinar “How to become Network Engineer?”

Department of Electronics and Communication Engineering organized Webinar on “**How to become Network Engineer? Skill requirements, Career opportunities and growth**” on 26th May 2020, at 11 AM for final year Electronics and Communication Engineering students in association with Nawin Gurukula in Zoom Platform. Mr. Naveen Chander C, Mentor-CISCO Network Specialization, Na-WIN Gurukula, Former CA Specialists Riit, Former Network Engineer & SPOC, Wipro Infotech was the speaker. Meeting was initiated by Mrs. Juslin giving the brief introduction about the Speaker. Then Speaker took over the session by briefing about CISCO certification. During the in-

teractive sessions Speaker addressed the student's questions such as, How to become CISCO Certified Network Engineer & its process, any tips for fresher's? Why we should choose Networking Field? Can you say something about CISCO Network Security Modules & their functionality. How Networking is connected with other Technologies like AI&ML, Software Development, AR&VR, IOT etc..? What will be the Future Trending skills in Network industry. Career Growth for Network Engineer?. Meeting ended with students filling the feedback form in Google form. Mrs. Harshitha N, Asst. Professor was the Moderator of the event.

## Two Day SEP on “Introduction to Swift Programming Language”

Department of ECE organized the online skill enrichment programme (SEP) on “Introduction to Swift Programming Language” on 29th and 30th May 2020. The Program targeted all the Engineering branch students. Around 200 participants were registered from various Engineering Colleges such as VVCE, MIT, NIEIT, MRIT, MyCEM, G M Institute of Technology, SJBIT, ManavRachna University, Bangalore institute of technology, Dayanandsagar academy of Technology and Management, JSSATE and our own students of ATMECE. The program was scheduled in such a way that recorded sessions of the

programming examples with Xcode was shared to all the participants through accessible links to watch the videos. Then in order to evaluate the learning ability session wise quiz and attendance forms were sent to participants. As a credentials to the participants who actively involved in the program were provided with e-certificate. Event was coordinated and delivered as a resource person by Mr. Girish M, Asst. Professor, ATME College of Engineering, Mysuru.



## SPORTS ACHIEVEMENTS

- ▶ Soft Ball Men Team secured Runner-Up in VTU Inter Collegiate **Rest of B'lore Zone** Soft Ball Championship 2019- 20 organized by NIEIT, Mysuru. Nischith J Rao (4thYear) and Chirag C N (2ndYear) and represented from ECE Department.
- ▶ Soft Ball Men Team secured 3rd place in VTU **Inter Zone** Inter Collegiate Soft Ball Championship 2019- 20 organized by DBIT, Bengaluru. (3rd time in succession).Nischith J Rao (4thYear) and Chirag C N (2ndYear) and represented from ECE Department.
- ▶ Md. Shabaz of 4thyear EC won Bronze medal (Up to 65kg Category) in **ICESM** Inter Collegiate Best Physique Championship 2019-20 organized by JSS S&TU, Mysuru.
- ▶ Mansoor Fathakof 2ndyear EC won Bronze medal (Up to 60kg Category) in **ICESM** Inter Collegiate Best Physique Championship 2019-20 organized by JSS S&TU, Mysuru.

## STUDENT PROJECT PROPOSALS APPROVED FOR THE YEAR 2019-20 BY KSCST

SI NO	PROJECT TITLE	NAME OF THE GUIDE(S)	NAME OF THE STUDENTS	SANCTIONED AMOUNT (inRs.)
01.	VISUAL SURVEILLANCE SYSTEM USING ARDUINO	Mrs. HARSHITHA N Mrs. KEERTHI A KUMBAR	Mr. ANIL KUMAR B Ms. SPANDANA N Mr. MAHESHCHANDRA N M Mr. MANOJ M E	5000/-
02	AGRICULTURAL ROBOT USING IOT	Prof. ANUPAMA SHETTER Prof. PRATHIBHA M K	Ms. SAIMA SADAF Mr. SYED FAZIL AHMED Ms. RANJINI D R Mr. NITHISH ATHREYAS S R	5000/-
03	SOLAR OPERATED VISION CAPTURING SPY ROBOT USING RASPBERRY PI 3	Mrs. SHALINI V S Mr. PRAJWALSIMHA S N	Ms. SUPRIYA K Ms. VIDYASHREE H N Mr. WAHID PASHA Mr. RAVIKUMAR K M	5000/-
04	INTELLIGENT WHEEL CHAIR FOR HANDICAPPED PERSONS	Mrs. PAVITHRA A C Mr. Dr PRAKASH KURAVATTI C	Mr. RUPESH KUMAR G V Mr. PRAJWAL M Ms. PUNYA M Mr. YASHWANTH V	4000/-