



**DEPARTMENT OF ELECTRONICS
AND COMMUNICATION**
AIET , MIJAR

YASHASWI -2k19

The Journey Of Success

ALVA,S INSTITUTE OF ENGINEERING AND TECHNOLOGY
Shobhavana Campus, Mijar ,Moodubidre -575225



**"Moulding a better
Tomorrow"**

Our Founder

DR.M. MOHAN. ALVA



Our Managing Trustee
MR.VIVEK.ALVA



Dr. Peter. Fernandes
Principal, AIET



Dr. Praveen. J
Dean Academics
(ECE/CSE/ISE)



Dr. Dattathreya
Dean Planning



Dr. D.V.Manjunatha
HOD ,dept of ECE

EDITORIAL TEAM

Message

"Yashaswi" is the journey of the students and faculties of the Department of Electronics and Communication towards the success, which brings out the reflection of the yearlong activities. The magazine is the one platform to showcase the hidden talents and activities of students and faculty.

I am extremely privileged to present before you the magazine of "Yashaswi-2k19".

I would like to appreciate and laud all the contributors for their remarkable submissions that make up the bulk of the magazine.

I am thankful to the Editorial team who really worked hard for the success of this magazine and this edition was possible only because of their teamwork.

My heartfelt gratitude to our Dean, HOD and all the faculty for their support and encouragement.

It will excite you as you read, fascinate you as you glance and tickle your imagination as you pause to ponder.

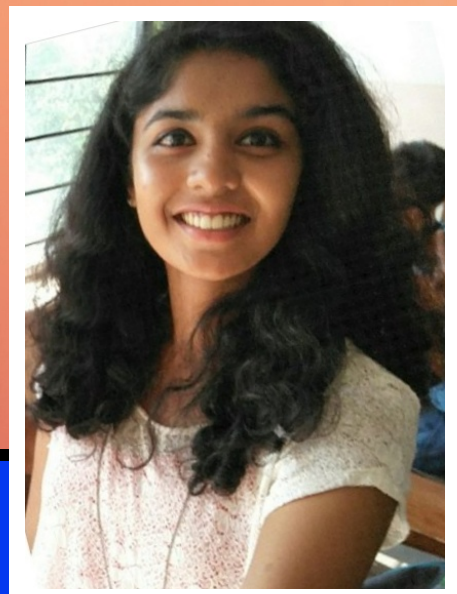
HAPPY READING.



Mrs. Vijetha.T.S
Assistant professor ,Department of ECE



Varun.G.Shetty



K.B.Kushi

Message



Electronics and Communication, One of the widely renowned branches in the field of Engineering, have proved time and again, that they play a pivotal role in both the developing and well-being of our society in the fast paced human life. E&C branch is concerned with the design, development, manufacture and application of electronic devices, circuits and systems. The department has well-qualified and experienced faculty out of which four are Doctorates, seven of them have persued Ph.D and remaining are Post-Graduates. Faculty members have published technical papers in international and national journals and conferences.

Dr. D.V.Manjunatha
HOD ,Department of ECE



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VISION

"Centre of Excellence to Empower the young minds in the field of Electronics and Communication Engineering with research focus and skill development through Transformative Education catering to the needs of the Society".

MISSION

- To create Learning Environment to enable the Students for Excellence in the field of Electronics and Communication Engineering.
- To Empower the Students with necessary Skills for Solving the Complex Technological Problems.
- To Inculcate Research Culture among Teaching-Learning Group by guiding them towards Research Activities to bridge the gap between Industry and Academia.
- By Imbibing the Students with Human Values and Ethics through Transformative Education and make them Socially Responsible professionals.

PROGRAMME EDUCATIONAL OBJECTIVES

- PEO1: Apply Mathematical, Scientific and Engineering fundamentals for problem solving.
- PEO2: Expose to Emerging Technologies and pursue higher studies or do research.
- PEO3: Become Competent and Employable with necessary skills.
- PEO4: Inculcate Professional and Ethical attributes and contribute to Society as responsible Citizen.

PROGRAMME SPECIFIC OUTCOMES

- PSO 1: Understand and apply the principles of Science and Engineering in the field of Electronics and Communication.
- PSO 2: Ability to design and implement systems using the concepts of Analog & Digital Electronics, Communication & Networking, Signal Processing, Embedded Systems & Semiconductor technology to solve complex problems.
- PSO 3: Develop proficiency to use modern Hardware & Software tools in the area of Electronics and Communication Engineering.

ECE FAMILY



Dr.Praveen.J
Professor



Dr. D.V.Manjunatha
Proffessor



Dr.Dattathreya
Professor



Dr. Richard.Pinto
Proffessor



Sudhakara H M
Senior Asst Proffessor



Parveez shariff B G
Senior Asst Professor



Shankar B B
Senior Asst Professor



Prasanna Kumar
Senior Asst Professor



Jyothi Pramal
Assistsnt Professor



Tanya Mendez
Assistsnt Professor



Vijetha T S
Assistsnt Professor



Kumari Shruthi
Assistsnt Professor



Nishma
Assistsnt Professor



Deepak Raj
Assistsnt Professor



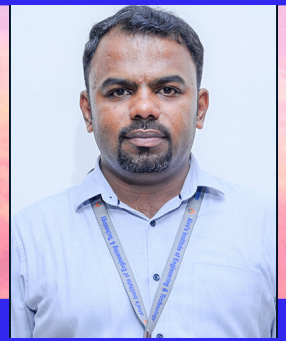
Santhosh S
Assistsnt Professor



Yuvaraju T
Assistsnt Professor



Aneesh Jain M V
Assistsnt Professor



Sushanth Anil Lobo
Assistsnt Professor



Sachin K
Assistsnt Professor



Jayaprakash M
Assistsnt Professor

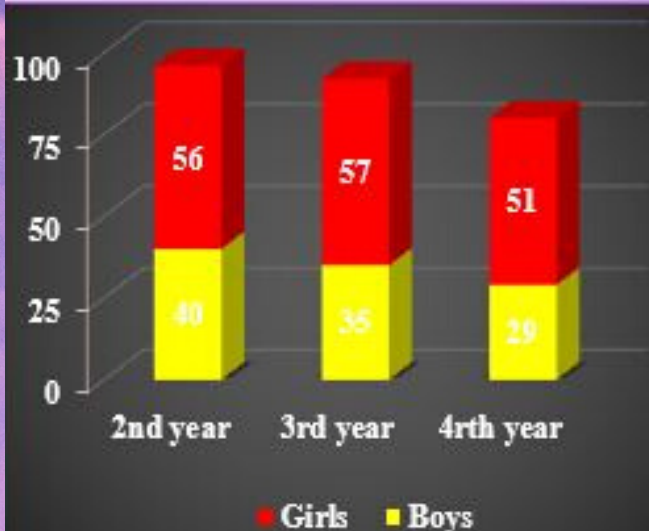


Bhargavi
Assistsnt Professor

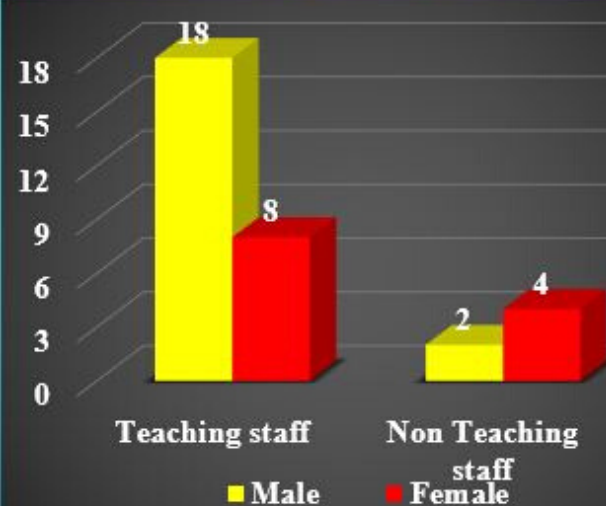


Sahana K Adyanthaya
Assistsnt Professor

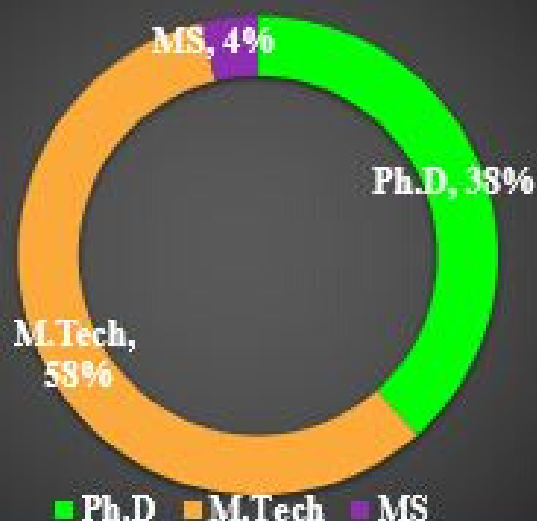
Number of Students in Academic Year 2018-19



Number of Staffs in academic year 2018-19



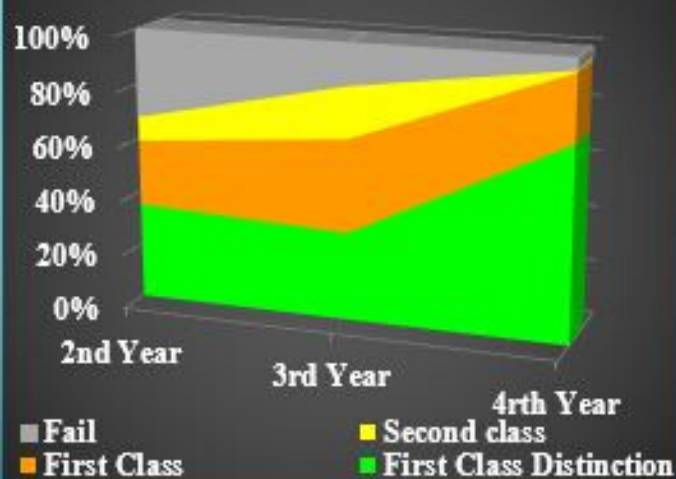
Faculty Qualification



Placement Record in percentage



Results of Academic year 2018-19



Students details of last 4 years



1,00,00,000+ Research funding

40+ Invited speakers and resource persons

30+ Workshops and Training programs



120+ companies visited

4,00,000 Max package

2,60,000 Average package

100% results in 8th semester with Distinction

15+ MOUs with top companies and institutions

9+ number of labs



RRSC



EFY GROUP



20+ Pre-Placement Training Programs

4th International conference on ATccT (icATccT-2018)

Extra training on Modern Electronic Tools



TOPPERS



GOUTHAMI

4th YEAR

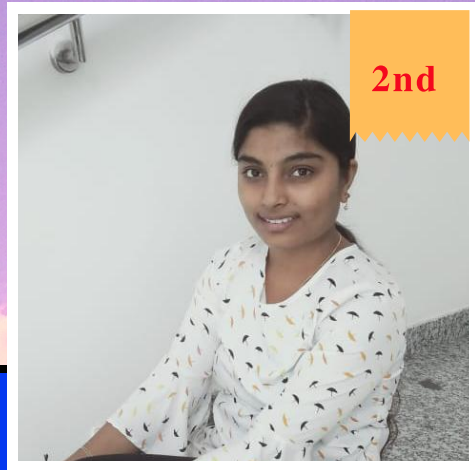


POOJA. M



BHUVANESH .M

3rd YEAR



ANKITHA. C. C



**AKSHATHA.M.
DESHPANDE**

2nd YEAR



BHARGAVI



ACHIEVEMENTS



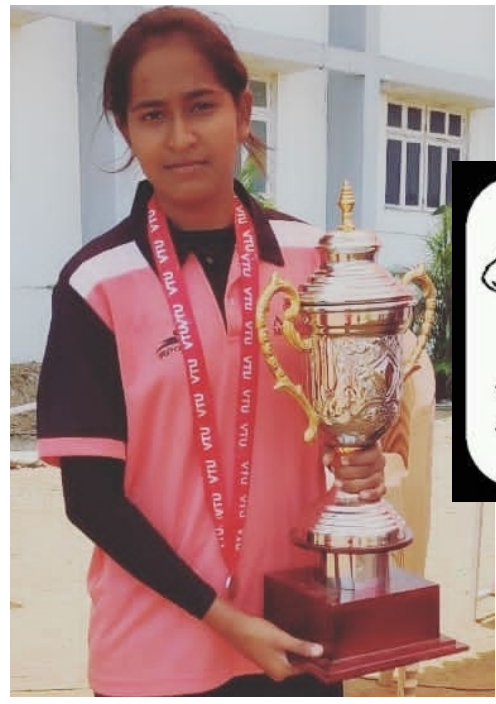
MR. SHRAVAN. BOLOOR

Alvas NCC naval cadet also a National level swimmer represented KAR-GOA Directorate in **All India Nau Sainik Camp** held at INS Kadamba, Karwar from 16th to 26th of october 2018. He won **Three Gold Medals** in Boat pulling, semaphore and Rigging and also they have created a **New National Record in boat pulling**.The KAR-GOA Directorate won **overall championship** from their extraordinary performance in camp.



MR. SUMANTH N S

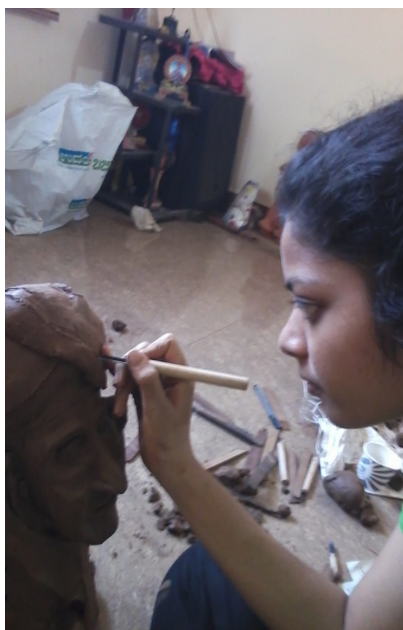
Mr. Sumanth N S ,the star player of AIET volleyball team won **zonal and interzonal championship** and represented **team VTU** in the **University Level South-Zone Volleyball Championship** which was held at **SRM university, Chennai, Tamilnadu**.



SINDHU. S

ASHWINI.R.G

The two key players of the AIET kabaddi team has won zonal and Interzonal kabaddi championship held under VTU.



DHAVALA

Dhavala, the fine artist of our branch has participated in number of clay modelling and face painting copetions held at various different colleges and won so many prizes in these events



SHILPA. C

Shilpa. C has participated in "**Jnani 2018**", the 19th **VTU youth fest** held at Bheemanna Khandre Institute of Technology ,Bhalki from 2nd November to 4th November 2018 and **won first place in Folk Orchestra** event.

She also represented the VTU ,Belagavi in South Zone Youth Festival held at SPMVV, Tirupathi(AP) from 7th October to 11th October 2018.



MAYYA SHARATH KUMAR

Alvas Air wing cadet, Mayya Sharath kumar has been to **Republic Day camp** , 2019 which was held at delhi.He got a opportunity to visit the **AirChief Marshal B S Dhanova's house** and to have a beautiful lunch with them

TECHNICAL TALKS

ON SEMICONDUCTOR INDUSTRY

The department of ECE conducted a talk by Mr. Syed Salman, a lead engineer, Sankalp semiconductor Pvt. Ltd., Hubli, on the 29th of April 2019 for the sixth Semester students on the topic, "Semiconductor industry overview".

Mr. Syed Salman being a post-graduate in digital electronics started as a design engineer from the Sankalp semiconductor Pvt. Ltd. has worked mainly on the IO circuit design and modelling all of which being silicon proven. Currently, he is working as a lead engineer in Sankalp.



The talk started off with the introduction to design and fabrication of semiconductor devices with the development of products relating to the applications like networking, mobile computing, healthcare, space operation, automotive technology. The talk also elaborated on the designing of memory devices, commodity IC and complex SOC. He also, spoke about the students wishing to build a career in the semiconductor industry should have their foundation strong with Analog and digital Circuitry which includes amplifiers, oscillators, voltage regulators, filters, registers, flip-flops etc. He also raised concepts such as Verilog/VHDL coding, verification and synthesis in front end design and physical design, place and route as a part of back end design. To conclude with the talk, he advised the students to have a deep knowledge on the basics, to plan their career in VLSI industry. The talk ended by presenting him a memento to thank him for imbibing knowledge on our students.

ON NETWORK PROTOCOL IN THE INDUSTRY



The department of ECE conducted a talk by Mr. Santosh Kumar S.B. on the 23rd of April 2019.

The inauguration for this technical talk was leaded by the department head Mr. Jayant Kumar Rathod, the forum coordinator Mr. Manjunath H.R and other faculties. Mr. Santhosh touched on the topic of "Concept of network protocol in industry".

He first spoke about the internet protocol television(IPTV) and then elaborated about the broadband network access.

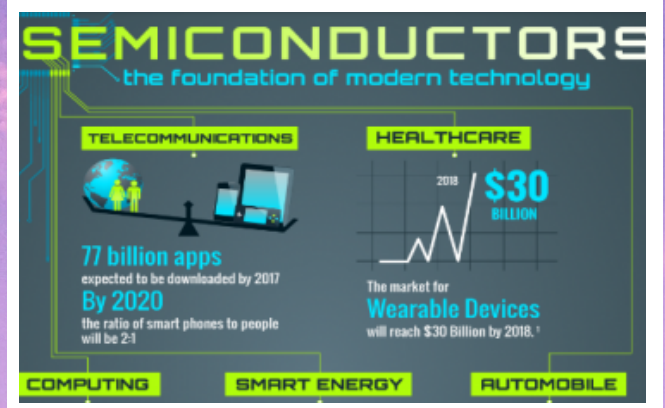
ON SYSTEM ON CHIPS



The department of ECE conducted a talk by Mr. Asif Mohammed, director of Smart SOC, Bangalore on the 25th march 2019 for the final year students regarding the topic, “System on Chip”. Dr. Richard Pinto inaugurated the function formally. Mr. Mohammed with his 20 years of experience in the industry began the talk with the introduction to VLSI, in which billions of transistors are integrated onto the chip.

He expressed his ideas on the challenges to make

complex designs, time to market, and about huge investments involved in the VLSI industry. He spoke about the various components in SOC taking a typical example of iPhone chip which has modules like low power RAM, QUALCOMM ITE modem, power amplifiers, power management IC, Bluetooth module and transceivers. He also elaborated on the topics like functional simulation, synthesis, timing checks and the back-end design process like floor planning, place and route and fabrication. He, then spoke about the facts and trends in the VLSI industry too. The talk was concluded by stressing on the skills needed by a student to join VLSI industry and the available opportunities in the chip design industry.



ON FPGA IMPLEMENTATION IN THE ASIC AND SEMICONDUCTOR INDUSTRY



The department of ECE organised a talk by Mr. Arun J. Mathias, manager-training core EL technologies, Bangalore on the 28th February 2019 for the 7th semester students on the topic, "ASIC and FPGA implementation in semiconductor industry". Mr. Mathias has a working experience in cypress semiconductor technology India Pvt. Ltd., Bangalore where he was engaged in the design and verification of complex ASIC's. He is now working as a manager at core EL technologies, Bangalore.

The talk started off with the introduction and need for the application of specific IC and field programmable gate array in the semiconductor industry. The ASIC's deals with the semiconductor solution designs for a particular application. He highlighted on the journey of designing an ASIC which contains many twists and turns from the concept of working with a silicon. The talk was concluded by explaining about the opportunities for building a career in this field and encouraged the students to work in the VLSI area as their final year project.



ON EMERGING ELECTRONICS AND COMMUNICATION FOR BETTER TOMORROW



The department of ECE conducted a talk which was delivered by Professor C. Murali on emerging electronics and communication for better tomorrow after the IETE student forum was inaugurated.

ON INTERNET OF THINGS (IOT) AND INTRODUCTION TO DEEP LEARNING



The department of ECE conducted a talk by Amogh Kashyap, R&D engineer, Nokia, Bangalore on the 9th of February for the sixth semester students on the topic “IOT and deep learning”. Dr. D.V. Manjunath, HOD, ECE department was present at the formal inauguration.

Mr. Kashyap has worked as a R&D engineer for the digital automation team at Nokia networks. He also has a working experience in the robotic system where the customized indoor and outdoor autonomous bots for automating tasks and communication was developed. Currently, he is working in the developing drone solutions (Nokia drone networks) which involves deep learning techniques where our drones are capable of transporting materials and monitors gas pipelines which uses video analytics.

ON FABRICATION OF PHOTOVOLTAIC CELL- A DETAILED APPROACH



The department of ECE organised a talk by Mr. Nizam Subhani, Technologist, IISc, Bangalore. The talk was delivered on the 3rd of November 2018 for the fifth and seventh semester students on fabrication of photovoltaic cell- a detailed approach.

ON A PEEP IN THE WORLD OF SEMICONDUCTOR FABRICATION



The department of ECE conducted a talk which was delivered by Mr. Shreyas Bhat, Technologist, IISc, Bangalore. The talk was arranged for the fifth and seventh semester students on the 3rd November 2018 on a peep in the world of semiconductor fabrication.

ON RECENT TRENDS AND EVOLUTION IN MOBILE COMMUNICATION



The department of ECE organised a talk by Mr. Prasad Dandra, Associate director, Samsung semiconductor India R&D, Bangalore for the fifth semester students on the 6th October 2018 on recent trends and evolution in mobile communication.

ON ADVANCED DIGITAL COMMUNICATIONS- TECHNIQUES AND APPLICATIONS



The department of ECE organised a talk delivered by Mr. T. R. Rammohan, additional general manager (Retd.), Bharat electronics limited, Bangalore on the 22nd of September 2018 on advanced digital communications- techniques and applications.

ON APPLIED ELECTROMAGNETISM AND MODEM DESIGN

The department of ECE conducted a talk which was delivered by Dr. Krishnamoorthy K., Assistant Professor, department of ECE, NITK, Suratkal on the 11th September 2018 on applied electromagnetism and modem design. Dr. Richard Pinto was present for the formal Inaugural function.



ON WIRELESS COMMUNICATION TOWARDS 5G



The department of ECE organised a talk delivered by Dr. Muralidhar Kulkarni, Professor, dept. of ECE, NITK, Suratkal, on the 11th of August 2018 for the third and fifth semester students on the above told topic. Dr. Richard Pinto and Mr. Sudhakar H.M., Senior assistant professor, ECE dept., were present for the formal inaugural function.

Dr. Kulkarni has a teaching experience of 35 years and has been in different divisions of the industry. He has held high positions as a scientist in the instrumentation

division at the central power research institute, Bangalore, as an Aeronautical engineer in avionics group of design and development team of advanced light helicopter project at the helicopter design bureau at Hindustan aeronautics limited, Bangalore, as an Assistant professor at the electrical engineering department of UVCE, Bangalore and also as an Associate professor in the ECE dept. at the Delhi college of engineering, Delhi.

He has also established the IIIT, Dharwad, as an institute of excellence in the year 2015 and has been as its officer on Special Duty.

The talk rose with the introduction to the students about the fundamentals of wireless communication and spoke about the causes and effects of interference, fading & crosstalk which is a major issue to address in the topic.



WORKSHOP AND TRAINING PROGRAMS

FDP ON INTRODUCTION TO ROBOTICS



The was two days of Faculty development programme on “Introduction to robotics” which was organised by the department of ECE in collaboration with E-yantra robotics lab, IIT, Bombay started on June 11th, 2019, AIET. The session was delivered by Ms. Rutuja and Mr. Prasad, project technical assistants, E-yantra, IITB. This project session was sponsored by the Ministry of human resource development(MHRD), under the national mission for education through ICT (NMEICT) to provide hands-on learning to the engineering students who have limited access to labs and mentors. The training covered various topics like introduction to Firebird V robot, its parts and the controls.



FDP ON FIELD THEORY

The FDP on the above told topic was organised by the dept. of ECE on the 28th and 29th of July 2017. The FDP started at 9:30 a.m. on the 28th of July. The sessions were conducted by Prof. Pradeep Kumar, Associate Professor, Dept. of ECE, SEA College of Engineering and Technology, Bangalore. There were about 15 faculties from the Dept. of ECE, AIET who attended the FDP.

Prof. Pradeep Kumar taught Field Theory subject for more than 40 times and his knowledge in the area of Field



Theory is immense. A few basic concepts of Field Theory and derivations on Coulombs Law, Electric Field Intensity and Flux Density with a few related problems were solved. Day 1 session concluded with the topic Electric Flux Density. The second day of the FDP started with Gauss' Law and a few topics based on Divergence, Maxwell's First equation, Vector operator and Divergence theorem were explained and related derivations were discussed. Problems based on the above topics were also solved.

FACULTY DEVELOP PROGRAM ON APPLICATIONS OF PYTHON PROGRAMMING IN DATA ANALYTICS – RESEARCH PERSPECTIVE



The department of ECE conducted a three days' workshop for python programming for the 3rd A students from 24th to 26th of October 2018 by Dr. S. Mohideen Badhusha, dept. of CSE, AIET. The course included topics related to the basics of python and the recent year questions of TCS code vita test was also discussed. It was a hands-on session and the students were given the task to write codes for the desired outputs on open CV platform.

TECHNICAL ASPECTS IN ELECTRONICS AND COMMUNICATION ENGINEERING



SDP on “Technical Aspects in Electronics and Communication Engineering” was organized by Mrs.Vijetha T S, Assistance Professor, Department of ECE AIET, about the introduction to electronics labs and fundamental aspects of electronics and communication. SDP was conducted from 31st July 2018 to 4th August 2018 and around 96 students from 3rd semester ECE Dept attended the SDP.

MACHINE LEARNING WITH HANDS-ON SESSION

The department organized three days workshop cum certification course on “Machine Learning with Hands-on session” from 10th September 2018 to 12th September 2018 which was delivered by Dr.Thyagraju G.S.

In three days session, he spoke about Machine learning concepts and explained how it is a core sub-area



of artificial intelligence; it enables computers to get into a mode of self-learning without being explicitly programmed. So, put simply, the iterative aspect of machine learning is the ability to adapt to new data independently. Machine Learning is a branch in computer science that studies the design of algorithms that can learn.

This workshop covered the basic algorithm with hands-on sessions that help students to build and apply prediction functions with an emphasis on practical applications, basics and the fundamental concepts of Machine Learning such as:

- Understand components of a machine learning algorithm.
- Apply machine learning tools to build and evaluate predictors.
- How machine learning uses computer algorithms to search for patterns in data
- How to use data patterns to make decisions and predictions with real-world examples.
- How to prepare data, deal with missing data and create custom data analysis.
- Basic and frequently used algorithmic solutions for different industries techniques including sorting, searching, greedy algorithms and dynamic programming

STUDENT DEVELOP PROGRAM ON PYTHON PROGRAMMING



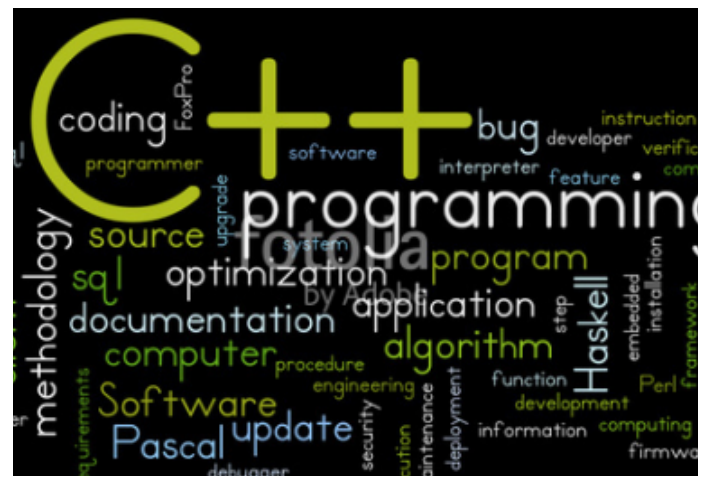
Department of Electronics and Communication Engineering organized three days “Student Develop Program on Python programming ” for III A semester Electronics and communication Engineering students from 24th October 2018 to 26th October 2018 from an faculty Dr. S. Mohideen Badhusha Dept of CSE AIET, Moodbidri.

The course carried for 3 days which included Data types, Keywords variables, Operators, Control Statements, Loops, Array handling, String handling, Pointers, Structures and Unions, File handling, Dynamic Memory Allocation and Recent year question of TCS code vita test questions. Most of the certification program

was a hands-on session and students were given with different task to write some code for desired output on open CV platform. Also many placement related C, C++ questions were solved during this session.

Department of Electronics and Communication Engineering organized Five days “Certificate course on Advanced C programming ” for V semester Electronics and communication Engineering students from 17h September 2018 to 21st September 2018 from Innovations, Bangalore.

question of TCS code vita test questions. Most of the certification program was a hands-on session and students were given with different task to writing some code for desired output on open CV platform. Also many placement related C, C++ questions were solved during this session.



CONFERENCE

4th International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT) - 2018

The International conference iCATccT – 2018 was jointly organized by the Departments of Electronics and Communication Engineering, Department of Computer Science and Engineering & Department of Information Science and Engineering 6th and 7th September 2017.

The 4Th International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT) – 2018 is a technical event sponsored by IEEE- Bengaluru section, IEEE Advancing Technology for Humanity and IEEE Consumer Electronics Society Malaysia Chapter.

The main objective of this conference is bring both to Applied and Theoretical Computing Researchers, academicians, scholars, experts, engineers, students and Industrialists This conference was focused on promoting, developing and organizing associations and networks of Academicians, Engineers and Professionals and also to make faculty indulge in high end research in the relevant fields. Keynote address, and paper presentations from authors were a part of iCATccT – 2018.



A total of 209 submissions were received across India as well as from abroad. To name very few among them are - UttarPradesh, Gujarat, Maharashtra, Tamilnadu, Kerala, Hyderabad, Telagana and various parts of Karnataka, witnessing this truly popular and international event. The Technical Program Committee (TPC) comprising around 150 experts from academia and industry selected 61 papers for presentations and 53 registered. Acceptance rate is 27.6%. The conference will run in 3 parallel sessions in 2 days.

The registered papers were scheduled for presentations in two-day conference. The paper presentations were scheduled in 3 tracks, with three sessions in each track. Each session was reviewed by two session chairs, one external and one internal.

The 3 tracks were identified as:

- Track 1: Theoretical Computer Science
- Track 2: Applications of Communication
- Track 3: Big Data Analytics,





FORUM ACTIVITIES

IMPERIUM 2018-19

“IMPERIUM-2019” is a TECH-FEST conducted under the Electronics and Communication Department’s student forum ‘Evionics’ on 4th and 5th April, 2019. The event is a 2 day fest which has events from electronics domain and general events like Mock-Press, Paper Presentation, Gaming zone, Tech-Charades. The Electronic events were Makethon – circuit debugging, Tech-Quiz etc. On 4th April, 2019, the inaugural ceremony of IMPERIUM took place at AIET Auditorium at 10:00am. The chief guest of the ceremony was Mr. Vijay K Hegde, Senior Technology Architect – Infosys, President of the ceremony was Mr. Vivek Alva, Managing Trustee, Alva’s Education Foundation.



AGAMYA 2018-19

“Donate for cause, not for applause”

“AGAMYA” is a charity event conducted every year under the Electronics and Communication Department’s student forum ‘Evionics’. Every year for the event, fund is raised from students and faculties of our organization to provide the needy in the society as a charity. It includes orphanages, special school etc. Last year the event was at Saanidhya Special School, Mangalore. “SAANIDHYA”, Residential school and training Centre for differently abled.

This year, the ‘Roman and Catherine Lobo residential school for visually impaired was recognized. The school is located in Mangalore north block of Dakshina Kannada. The school aims at providing quality education from Class 1 to 7 in braille (script used for reading and writing of the visually impaired) which includes English, Kannada, Hindi, Science, Mathematics, Social studies etc. The school believes that disability



On 18/03/2019 Mr. CalistusD'sa was escorted to AIET for the formal program of AGAMYA by the student coordinators. The program was graced by, Dr. D.V Manjunatha, HOD Dept. of ECE, Dr. Manjunath Kotari, HOD Dept. of CSE, Mr. Sachin K Faculty coordinator for students forum, Mr. Dheeraj Shetty, Student President and Mr. Manish Poojary Student secretary. Ms. Aishwarya, student of final year ECE was the host for the day. The program started by welcoming the chief guest Mr. CalistusD'sa with a floral welcome. Dr.D V Manjunatha

spoke to the gathering on the occasion who applauded the student community for taking up the societal issues and helping them. He mentioned that the life lessons learnt at AGAMYA should be followed through out the life and always help the needy in the society.

is neither a curse nor a disease and can be resolved with proper guidance and reachability. The school has 30 students whose education is total free of cost. The school is in supervision of Mr. CalistusD'sa, Principal of Roman and Catherine Lobo school.

The fund of this year was done by donating money and conducting fund raising events like technical workshops for the first year BE students on "Introduction of C" and "Arduino Hands on". Various sports events were conducted like cricket and throwball.



BOOT CAMP 2K18-19

-- The Pre-Placement Training

The pre-placement training for the final year students began with the orientation and then the soft skills training along with the In-House placement training was conducted. This training mainly focused on current industrial concepts and overall development of a candidate.

ORIENTATION & SOFT SKILLS TRAINING

The soft skills training was held from 11th to 13th of July 2018 by Mr. Raman Venkat. He addressed the students and taught them about different categories of communication, leadership and attitude change, personal grooming, and about different managerial skills. Soft skill is a combination of different quotients that imbibe within a candidate to effectively navigate their environment. The students were also taught to write their resumes, how to face mock GD's, FAQ in interviews etc.

IN-HOUSE PLACEMENT TRAINING

The In-House training covered topics such as basics of C, C++, Java, Analog electronics, Digital electronics, Embedded systems, and Network analysis. The training for the basics of C, C++, Java were conducted by the dept. of CSE and dept of ECE faculties from 11th to 17th of July 2018.



QUANTITATIVE APTITUDE

Mr. Abhilash trained students on various shortcut methods that can be used to solve quantitative aptitude questions quickly, from 14th July 2018 to 19th July 2018. Students got better insight on solving aptitude problems easily. The trainer covered various aptitude related topics in these sessions.



PERSONALITY DEVELOPMENT AND PUBLIC SPEAKING

Mr.Kannan Thandi trained students on personality development and public speaking on 18th and 19th july,2018. She emphasized the need for being confident in public speaking which helps the students to face the interview. Trainer also spoke about various skills that students need to develop for their future.

ADVANCED C AND DATA STRUCTURES

Students were trained on advanced concept of c & data structure by "EXPERT TRAINING by Innovation Unlimited, Bangalore" from 23rd july 2018 to 28th july 2018.



ADVANCED JAVA, JQUERY, NODE JS, ANGULAR JS

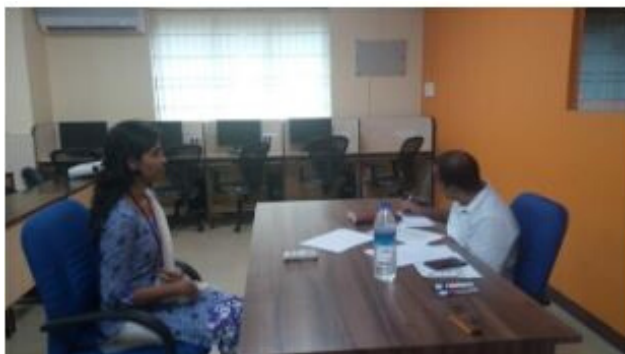
The training was taken up by "Charles Technovoice", Bangalore from 29th july 2018 to 31st july 2018. Java is one of the most popular programming language used to create webapplications and platforms. Students were trained on various aspects of advanced java like as stated above.

FACE TRAINING

FACE aptitude training which was held from 3rd August 2018 to 11th August 2018, helped the students to understand the aptitude topics More than sufficient questions were solved in the class. They also gave useful tips to answer the group discussion and interview round.

MOCK INTERVIEW

A mock interview was conducted for the students of final year on 28th July, 2018 with the help of Mr. Narahari ,Project manager and team from Wipro, Bangalore. The interview panel assessed the technical and communication competence of the students and gave them individual and group feedback on their performances. Students found a good rehearsal for actual job interview. It was treated as a part of placement training and continous assessment of the students during the course.



INDUSTRIAL VISITS

ALL INDIA RADIO



The department of ECE organised an industrial visit to All India Radio, Bangalore for the 3rd year students on 11th of October 2018.

The students gained knowledge about the industrial organisation, antennas and transmitter complex specifications.

CENSE LAB IISc

The ECE department organised an industrial visit for the 3rd year students to the IISc, centre for Nano-Science on the 11th of October 2018. The students understood about the Nano fabrication facility and MEMS characterizations.



BHARATH ELECTRONICS LIMITED



The students visited the Bharath electronics limited, Bangalore which was conducted by the dept. of ECE on the 12th of October 2018. The students gained information about the PCB development and assembly and about the Radar systems.

MASTER CONTROL FACILITY

The department of ECE organised a visit to the MCF, Hassan for the second-year students on the 28th October 2018. The students learnt about the way in which MCF functions and controls all the geostationary/geosynchronous satellites of ISRO, like INSAT, GSAT, Kalpana and IRNSS series of satellites.





ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

A Unit of Alva's Education Foundation(R), Moodubidire

(Affiliated to VTU, Belgaum, Approved by AICTE, New Delhi, Recognized by Govt. of Karnataka)

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