



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

(Permanently Affiliated to AU, Approved by AICTE & Accredited by NBA)

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

DEPARTMENT QUARTERLY NEWS LETTER

[JUNE 2019 - AUGUST 2019]

INDUSTRY INSTITUTE INTERACTION



MOU WITH APPLETON

This Memorandum of Understanding (MOU) between ANITS and ALPHAPPLETON INNOVATION (OPC) Private Limited, Visakhapatnam is intended to promote cooperation in the field of Research, Training, and placement and provide the basis for a industry academia relationship between the two parties on 1st March 2019, in accord with the following provisions. •Facilitate industry oriented hands-on training in the field of Internet of Things (IoT), Embedded Systems using appropriate equipment and simulation tools for the students and faculties. •Establish Centre of Excellence (COE) in the field of Internet of Things (IoT).



IV/IV ECE Girls students attended the awareness program on “Women safety in Cyber Space” & Launch of “MahilaMitra” a state wide program at Police auditorium, Visakhapatnam on 8th August 2019.

INDUCTION PROGRAMME FOR FIRST YEAR STUDENTS

Induction Program for First Year Students for the admitted batch 2019-20 was organized by department of ECE during 19th August to 30th August 2019. HOD introduced the faculty and various facilities provided by the college to student in their four years of engineering life.



- As part of it, **Technical quiz** was conducted by the Department of ECE. 106 students participated in this event.
- As part of this programme the Green club of dept. of ECE had organized a talk on “**The impact of climatic changes in environment on society**” by Mr.J.V.Ratnam, the founder of “Green Climate Organization”. In this talk he has explained how the Air pollution, Green House Gases (GHGs) and climate change (which includes global warming) influenced their impacts on human health and ecosystems.
- As part of Induction Programme, Green club of department of ECE had organized an event on the eve



of Ganesh chaturdi in association with “**Green Climate Organization**” on 27th August 2019. The members trained the students to make eco-friendly ganesha idols with the clay.



- **Yoga** event is conducted by **Ms.Mohini** on 27th August 2019 10.30 AM TO 12.00 Noon
- **Art of living** lecture is delivered by **Mrs Rani** on 30th August 2019 10.30 AM TO 12.00 Noon
- **Swatch Anits** is conducted on 30th August 2019 09.00 AM TO 10.30 AM.
- **Fun with Electronics:** The entire fresher's of I/IV ECE have been addressed by **B.ChandraMouli**, Asst. Professor, and Department of ECE. He elaborated on advantages and pleasure of becoming an electronics engineer. Following the speech, hands on experience session was organized by the department to experience the fun in learning electronics.

FACULTY ACHIEVEMENTS

1. Dr. A.LakshmiNarayana, Asst., Prof., ECE had awarded with Ph.D for his thesis work titled "Development of Bandwidth Based VHA along with Hybrid PAPR Reduction technique for Next Generation Wireless Heterogeneous Networks" on August 2019 from GITAM(Deemed to be University).
2. Mr.K.V.G.Srinivas, Asst., Prof., ECE had awarded with Ph.D for his thesis work titled "Investigations on Multiplexer and compressor based floating point multiplication for IEEE 754 standard" under the supervision of Dr.P.Samundiswary, Asst.Prof., from Department of Electronics Engineering, Pondicherry Central University on 28th February 2020.
3. Mr.N.Ramkumar, Asst.Prof., ECE Developed Microcontroller and Embedded C programming Lecture Series and uploaded it on YOUTUBE channel for the benefit of our students(19 lectures completed & still 11 more left)- Total - 30 lectures.
4. Ms.V.Shireesha, Asst.Prof, ECE qualified UGC NET-2019 (Assistant Professor) Examinations in June 2019.
5. Dr.D.EswarchaitanyaAsst.Prof.,ECE has been reviewer for the article titled "Pedestrian Localisation in the typical Indoor Environments" for International Journal of Communication Systems in June 2019.
6. Mr.J.BhaskaraRaoAsst.Prof., Dept. of ECE had selected as a technical program committee member for International Conference on Communication Systems and Network Technologies (CSNT-2020) is organized by IEEE MP Sub Section and MIR Labs, Gwalior.
7. Mr.G.V.Raviteja, Asst.Prof., ECE have been appreciated by Department of ECE as a Young Researcher for the academic year 2018-2019 on 20th July 2019.
8. Mr.P.DeviPradeep, Asst.Prof., ECE have been awarded with cash prize of Rs: 2000/-and appreciated by Department of ECE for Completing Five NPTEL courses for the academic year 2018-2019 on 20th July 2019.
9. Mr.R.ChandraSekhar, Asst.Prof., ECE have been awarded with cash prize of Rs: 2000/-and appreciated by Department of ECE for Completing Five NPTEL courses for the academic year 2018-2019 on 20th July 2019.
10. Mr.N.Ram Kumar., Asst., Prof., ECE appreciated by the Department with cash prize of 5000/- rupees for conducting the dristi online contest to the students in the academic year 2018-2019 on 20th July 2019.
11. Mr. B. Chandra Mouli, Asst.Prof., ECE appreciated by the Department for guided and involved in developing "Automated College Bell using Arduino" by final year students Mr.R.Eswar and Mr.M.N.Mankanta Kumar and successfully installed in the College on 20th July 2019.
12. Dr.D.EswarchaitanyaAsst.Prof.,ECE appreciated by the Department for getting highest feedback from II/IV ECE Students for the academic year 2018-2019 on 20th July 2019.
13. Mr.N.Srinivas Naidu, Asst.Prof.,ECE appreciated by iB Hubs Super 30 for Inspiring the students for various competitions on 7th august 2019.

WORKSHOP's/SEMINAR's ATTENDED BY FACULTY

- 1.Ms.B.Deepa, Asst.ProfandMs.P.Chaya Devi, Asst.Prof.,Dept. of ECE has attended one day Tech workshop on "Advanced Manufacturing Technology" conducted at Centre of Excellence in Maritime and Shipbuilding, Visakhapatnam on 13th July 2019.
- 2.Ms.Ch.Anoosha, Asst.Prof and Ms.G.Gayatri, Asst.Prof., Dept. of ECE has attended one day Tech workshop on "Digital Signal Processing using Python(through Raspberry Pi)" organized by IEEE Communications and Signal Processing Societies Joint Chapter in collaboration with IEEE Vizag Bay Sub Section at GITAM university on 16th July 2019.
- 3.Ms.K.Yashoda, Asst.Prof., has attended a two day IEEE workshop on "Channel Coding in 5G" organized by IEEE Hyderabad section at MVGR College of Engineering(A) Vizianagaram during 24th - 25th August 2019.
- 4.Ms.Ch.Anoosha, Asst.Prof.,andMs.B.Deepa, Asst.ProfDept. of ECE has attended one day workshop on "Artificial Intelligence and Internet of Things" organized by Vincode Technologies conducted at Vincampus, Visakhapatnam on 31st August 2019.
- 5.Ms.D.NagamaniAsst.Prof.,andMs.PSM.Veena, Asst.ProfDept. of ECE has attended Two day workshop on "Hyperspectral Image Analysis and Applications" organized by Dept., of Geo Engineering, AU College of Engineering, AU, Visakhapatnam during 19th-20th July 2019.

FDP's/STTP's ATTENDED BY FACULTY

1. Dr.P.Murugapandiya, Assoc.Prof, Dr.S.Srinivas, Assoc.Prof, Mr.J.BhaskarRao, Asst.Prof., Mr.D.AnilPrasad, Asst.Prof, Mr.N.Ram KumarAsst.Prof and Ms.P.Chaya Devi, Asst.Prof., have attended AICTE sponsored Two week FDP titled "Design Challenges in Deep Sub-Micron Technologies" organized by Department of ECE,

Raghu Institute of Technology, Visakhapatnam during 5th- 19th August 2019.

2. Mr.R.Chandrasekhar, Asst.Prof, ECE had attended two week AICTE Sponsored Faculty Development Programme (FDP) on “Next Generation Wireless Systems and Networks-Theory and Practice” organized by the Department of Electronics and Communication Engineering, Shri Vishnu Engineering College for Women, Vishnupur, Bhimavaram during 1st -14th August 2019.

FACULTY PAPER PUBLICATIONS IN CONFERENCE

- 1.Dr.P.Murugapandiya, Assoc.Prof ECE presented a paper titled “GaN based high electron mobility transistors for high power and high frequency application: a review” in 8th international conference on innovations in Electronics and communication engineering (ICIECE-2019) organized by Dept.of ECE, Guru Nanak institutions, Hyderabad during 2nd - 3rd August 2019.

FACULTY & STUDENT JOINT PAPER PUBLICATIONS

- 1.Mr.B.Jena, Asst.Prof.,ECE, Ms.D.Sowmya Krishna and Mr.Ch.Mahesh IV/IV ECE-A has published a paper titled “A Trained CNN Based Resolution Enhancement of Digital Images” in International Journal for Modern Trends in Science and Technology, Volume: 05, Issue No: 07, Pages : 9-16, ISSN: 2455-3778, July 2019.

STUDENT’S SPECIAL ACHIVMENTS

- 1.Mr.P.S.Teja III/IV ECE has achieved CEFR level B2 upper intermediate in test of English proficiency conducted by British council in 2019.

STUDENT PARTICIPATION IN HARDWARE MODEL’S / CONTEST’S

- 1.Ms.M.Hemaja, Ms.K.Sneha, Ms.V.Barathi, Mr.S.Tanishq, Ms.Sameera, Ms.M.Nagapujitha, Mr.P.S.Teja, Ms.AbothuPasyanthi Padma Malini, Mr.B.Panthro, Mr.Dheeraj, Ms.B.Gouthami, Ms.P.Manjusha, Ms.M. Anusha III/IV ECE &Ms.G.Jyothsna ,Ms.S.Srivalli II/IV ECE has qualified in the primary round of Master Orator Championship organized by Department of ECE, at ANITS, conducted on Aug 3rd 2019.

WORKSHOP’S/ SEMINAR’S/EVENT’S ATTENDED BY STUDENTS

- 1.Ms.Ch. SatyavenkataSai, Mr.G.B.Harish III/IV has attended a 2 day workshop titled

“Pythonprogramming” Codemania at Vignan’s Institute of Information Technology, Vishakhapatnam.

CLUB ACTIVITIES ECO GANESHA EVENT



As part of Induction Programme, Green club of department of ECE had organized an event on the eve of Ganesh chaturthi in association with “Green Climate Organization” on 27th August 2019. In this event they trained the students to make eco-friendly ganesha idols with the clay. Students and faculty were participated in this event.

SPORTS CLUB ACTIVITIES



Mr.Saikishore student of IV/IV ECE-A

1. Secured Gold Medal in AU intercollegiate Best Physique Championship held at Dr.L.Bullaya College, Visakhapatnam 2019-20.
 2. Secured Silver Medal in AU intercollegiate Powerlifting(60 kg) Championship held at Dr.L.Bullaya College, Visakhapatnam 2019-20.
- Mr. K. SHYAM DEEPAK of 2/4 ECE Secured Winner-up in AU intercollegiate **TABLE TENNIS** (Men) Tournament held at Andhra university, Visakhapatnam 2019-20.
- Ms. V. SreePreeti& Ms. K. Radhika of 4/4 ECE Secured Runner-up in AU intercollegiate **CHESS** Tournament held at Samata College, Visakhapatnam 2019-20.
- Mr. MD. Taj Nawaz of 3/4 ECE Secured Runner-up in AU intercollegiate **Badminton** Tournament held at Andhra university, Visakhapatnam 2019-20.