



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 2016 - AUGUST 2016]



STUDENT SEMINAR

The department of ECE had organized a seminar on “PedarikamPaiGelupu” on the eve of KRISHNA PURSHKARALU on August 20.08.2016 (10:30 Am to 12:30Pm) in this event, 14 students & 3 faculty had participated. They have discussed about the reasons of poverty and how to overcome it. To overcome the reasons of poverty, faculty and students participants ignited the minds of audience and stated, as said that food, clothing and shelter is not the responsibility of only Govt. but every individual should be responsible and the interested members should go to the poor people and educate them to improve their life status from a lower level to higher level.

ALUMNI STUDENT INTERACTION WITH STUDENTS OF ECE STUDENTS

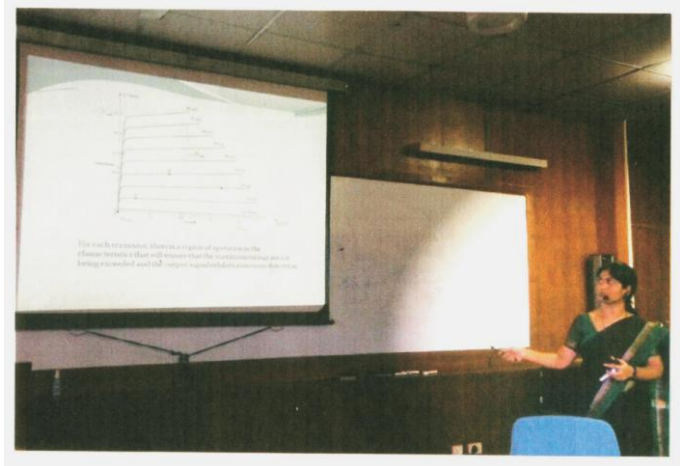


Mr.G.Sandeep Kumar (2010-2014) selected for **BDL as Management Trainee** (7laks per annum) interacted with the students of ECE on 26.07.2016.

FACULTY SEMINAR

Dr.K.Murali Krishna, HOD, ECE gave a seminar on “**Research Methodologies & Advanced Technologies in Electronics and Communications**” as a part of faculty development program in seminar hall, Dept of ECE on 20/08/2016.

Faculty Special Achievements



- Dr.V.Rajyalakshmi, Assoc.Prof. ECE has been delivered a lecture on “**Design Aspects of Analog and Power Electronics**” in a Continues Education Programme (CEP) organized by NSTL, Visakhapatnam during 11th -17th July 2016.
- Dr.K.Murali Krishna, HOD, ECE, ANITS has been appointed as **observer** for all India level entry test (CEPTAM-08) conducted by DRDO under Ministry of Defence in Visakhapatnam city on 17th July 2016.
- Dr.K.Murali Krishna, HOD, ECE, ANITS has been appointed as Andhra University Annual Board of Studies - **BOS Member** in Engineering conducted by Andhra University College of Engineering, Visakhapatnam on 16th July 2016.

- Dr.K.Murali Krishna, HOD, ECE, ANITS has been invited as a **Guest Speaker** for a Two Day Workshop on “MATLAB for Engineering Applications” organized by Department of ECE, SIR CR REDDY College of Engineering, Eluru during 19th – 20th August 2016.
- Dr.K.Murali Krishna, HOD, ECE, ANITS has been invited as a **Guest Speaker** for a talk “Advanced technologies in Electronics and communications” organized by Department of ECE, SIR CR REDDY College of Engineering, Eluru during 19th – 20th August 2016.
- Mr.L.Ganesh, Asst.Prof, ECE published a research paper titled “**Orthogonal Decomposition Algorithm for Ionosphere Delay Estimation for Precise GPS Applications**” in Elsevier Procedia Computer Science Journal, Vol.87, pp.172-177, June 2016.
- Mr.L.Ganesh, Asst.Prof, and Mr.D.EswarChaitanya, Asst.prof. ECE published a research paper titled “**TDOA Performance Analysis of Hyperbolic Multilateration Using Circular Error Probability**” in Elsevier Procedia Computer Science Journal, Vol.87, pp.172-177, June 2016.

FACULTY JOURNAL PUBLICATIONS

- Dr. K.RangaRaoProf., ECE published a research paper titled “Comparison of various Algorithms for RD, RID and RIC methods using ISAR imaging” in International Journal of Applied Engineering Research, Volume 11, Number 5, pp 3364-3368, June 2016.
- Dr. K.RangaRaoProf., ECE published a research paper titled “Optimization of Parameters for ISAR imaging using MDCFT algorithm and its comparison with Gabor transform” in International Journal of Applied Engineering Research, Volume 11, Number 3, pp 1556-1561, June 2016.
- Mr.L.Ganesh, Asst.Prof, ECE published a research paper titled “**Sagnac Effect and SET Error based Pseudorange Modeling for GPS Applications**” in Elsevier Procedia Computer Science Journal, Vol.87, pp.172-177, June 2016.
- Mr.L.Ganesh, Asst.Prof, ECE published a research paper titled “**Fast Acquisition of GPS Signal using FFT Decomposition**” in Elsevier Procedia Computer Science Journal, Vol.87, pp.172-177, June 2016
- Mr.L.Ganesh, Asst.Prof, ECE published a research paper titled “**Modified Kalman Filter for GPS Position Estimation over the Indian Sub Continent**” in Elsevier Procedia Computer Science Journal, Vol.87, pp.172-177, June 2016.
- Mr.L.Ganesh, Asst.Prof and Mr.D.EswarChaitanya, Asst.prof. ECE published a research paper titled “**TDOA measurement based GDOP analysis for radio source localization**” in Elsevier Procedia Computer Science Journal, Vol.87, pp.172-177, June 2016.
- Mr.L.Ganesh, Asst.Prof, ECE published a research paper titled “**Expectation Maximization based image fusion algorithm for detection of Underwater targets from SONAR images**” in Elsevier Procedia Computer Science Journal, Vol.87, pp.172-177, June 2016.
- Mr.D.EswarChaitanya, Asst.prof. ECE published a research paper titled “**Unknown radio source localization based on a modified closed form solution using TDOA measurement technique**” in Elsevier Procedia Computer Science Journal, Vol.87, pp.184-189, June 2016

FACULTY AND STUDENT JOINT PUBLICATIONS

- Mr.S.Balarama Murthy, Assoc. Prof., Ms.G.Gayatri, Asst.Prof. ECE and Ms.D.Shravani, 2/2 M.Tech, ECE have jointly published a research paper titled **“Performance Evaluation of ECG signal using Frequency, Time-frequency and Feature Vector ECG Signal Analysis (FVESA)”** in an International Journal of Engineering and Management Research(IJEMR), Volume-6, Issue-4, Page Number: 244-247, ISSN (ONLINE): 2250-0758, ISSN (PRINT): 2394-6962, July-August 2016.
- Dr.K. Murali Krishna, HOD,ECE and Mr.T.Ajay II/II M.Tech (CS) have jointly published a research paper titled **“A Hybrid technique for PAPR reduction of OFDM using DHT Precoding with piecewise linear Companding”** in an International Journal ICTACT journal on communication Technology (Copernicus Indexed), VOLUME: 07, ISSUE: 02, June 2016 pp.1315-1320, ISSN:2229-6948.

WORKSHOP's/ SEMINAR's/ FDP's ATTENDED BY FACULTY

- Mr.D.Sampath Kumar, Asst.Prof., Mrs.K.Yashoda, Asst.Prof., Mr.K.Vijay Kumar Raju, Asst.Prof., Ms.Sk.Ahamadunnisa, Asst.Prof., Mr.N.Ram Kumar, Asst.Prof., Mr.R.Sunadar, Asst.Prof. and Mr.Satish Virothu, Asst.Prof., ECE

PAPERS PRESENTED BY STUDENTS

1. Ms.D.Shravani, 2/2 M.Tech, ECE have published a research paper titled **“Performance Evaluation of ECG signal using Frequency, Time-frequency and Feature Vector ECG Signal Analysis (FVESA)”** in an International Journal of Engineering and Management Research (IJEMR), Volume-6, Issue-4, Page Number: 244-247, ISSN (ONLINE): 2250-
2. Mr.T.Ajay II/II M.Tech (CS) has published a research paper titled **“A Hybrid technique for PAPR reduction of OFDM using DHT Precoding with piecewise linear**

attended a faculty development programme on **“Instructional Design and Delivery Systems”** conducted by ANITS Sangivalasa during 13th - 18th June 2016.

STUDENT ACHIEVEMENTS

- Ms.V.SriKavya IV/IV ECE got **Dr. B R Ambedkar Merit Scholarship of RINL-Visakhapatnam** Steel Plant in February 2017.
- Ms.V.Soudhamini III/IV ECE-C got **merit certificate and scholarship of 40% in GATE Scholarship test (MOCK GATE)** conducted by The Gate Academy, Visakhapatnam at ANITS, Sangivalasa on 9th December 2016.
- Mr.D.Abhiram III/IV ECE-C got **merit certificate in MAT 2016 Scholarship test** conducted by Millennium Software Solutions in association with Dr.Durgabai Deshmukh Centre for Women's Studies, Andhra University, Visakhapatnam on 12th December 2016.
- Ms.V.V.L.Manasa(312126512111) ECE (2012-2016) awarded **Prathibha Award by State Government of Andhra Pradesh** in the month of September 2016.

Mr.T.Ajay II/II M.tech (CS) participated as a **resource person** for a Two Day Workshop on **“MATLAB for Engineering Applications”** organized by Department of ECE, SIR CR REDDY College of Engineering, Eluru during 19th – 20th August 2016.

Companding” in an **International Journal ICTACT** journal on communication Technology (Copernicus **Indexed**), VOLUME: 07, ISSUE: 02, June 2016 pp.1315-1320, ISSN:2229-6948.

WORKSHOP's ATTENDED BY STUDENTS

1. Ms.K.Sravya, Ms.B.Bhavana, Ms.Ushasaisree and Ms.V.Nandini III/IV ECE-A have attended the one-day workshop on **“Control Systems”** organized by Triumphant Institute of Management Education Pvt. Ltd.(TIME), Visakhapatnam on 31st July 2016.