

### La Literati



La Literati, The Language Club of ANITS that aims at providing an apt platform for all the students to improve their language skills through various regular activities was inaugurated on 14/10/2015. It conducts monthly competitions exclusively for the first year students encouraging them to sharpen their English language skills.

Speaking at the inaugural of the club, ANITS Secretary and Correspondent V Thapovardhan lauded the efforts of the faculty of the English department for their dedication and commitment towards launching the club. While students have been getting impressive grades in their core subjects, they are losing out on good opportunities due to poor communication skills, he said, and appealed to the students to be part of the club to hone their skills. Prof B Sandhya, Head of the Department of English, GITAM University, was the Chief Guest. She appreciated the faculty for their endeavours in establishing the club and hoped that it would help students overcome stage fear and grow to become effective communicators. The HoD, English and Humanities, ANITS Prof V Rupa, who was instrumental in launching the club, exhorted students to play an active role and make the most of the opportunity to sharpen their communication and presentation skills.

### WORKSHOP ON ROBOTICS



A two-day workshop on Robotics was organized by the Department of Computer Science and Engineering in

association with ANITS CSI Student branch of Anil Neerukonda Institute of technology and sciences (ANITS) and EduRobo Pvt. Ltd., Hyderabad on 18th and 19th September 2015 at the institute. 117 students from CSE, IT, ECE, EEE, Mechanical and Civil engineering participated in this workshop. Session – I on Day I was about introduction to robotics featuring differential drive systems, differential drive dynamics, dead reckoning, stepper motors, servo motors, hydraulic arms, pneumatics, control of actuators, motor drivers. Session – II focused Construction Steps in which students learnt about selection of material for Robotics, marking and designing, drilling, cutting, welding, joining part etc

### WEB DESIGN AND DEVELOPMENT



A one-month hands on training on Web Design and Development from September 1st to 30<sup>th</sup> 2015 has been initiated by Dept of CSE ANITS in association with ANITS CSI Student Branch. The speakers of this training program were Mr V Srinivas Raju, Assistant Professor, CSE, ANITS and Mr S R Mishra, Assistant Professor, CSE, ANITS. All modern technologies in the field of web technology were introduced and explained to them.



Mr. Manikanth Malipedi, M.Tech(CS) II/II M.Tech CS (ECE) received **SILVER MEDAL** for his proposal entitled "**Band Notch Ultra Wide Band Circular Microstrip Antenna**" in 46<sup>th</sup> All India Student Design Competition organized by National Design and Research Forum, the Institute of Engineers (India), Dharwad, Karnataka on 11<sup>th</sup> October 2015.



A one-day industry visit at All India Radio (AIR), Visakhapatnam arranged for III/IV ECE-A&B on 8<sup>th</sup> & 9<sup>th</sup> October 2015

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An Expert Talk on "Industrial Skills Awareness" by Sri T.Siddhar, Project Engineer, AGIB Boiler & Gas Company, Khazakstan on 01/09/2015.

## GUEST LECTURE - CHEMICAL ENGINEERING



Guest lecture cum Interactive session was organized by the Department of Chemical Engineering, ANITS on 21<sup>st</sup> Sept. 2015. The session was initiated by Dr. Paruchuri Gangadhar Rao, Vice chancellor, University of Science and Technology, Meghalaya and was taken upon by Dr. Rama Brahman, Senior Principal Scientist, Central Leather Research Institute, Chennai. Topics like current job scenario in Chemical Engineering, pursuing higher studies in India and abroad, role of a Chemical Engineer in the society in solving problems like Solid Waste Management, Pollution Control, alternative energy sources and conservation of energy were discussed. Industrial safety and troubleshooting problems in industries were also discussed along with specific examples.



Industrial visit for III/IV B.Tech students to M/s Coromandel International Limited on 28/11/2015. Faculty coordinators- Ms. Sailaja.P, Mr. M. Koteswara Rao

Ms P Lakshmi Vasavya- Alumna- IT, currently an Associate System Engineer, IBM presented a talk on Tips to prepare for IBM, Capgemini etc campus placements and also work environment of IBM, as a part of Alumni Programme conducted by Dept. of IT

Mr. Adapa Prudhvi- Alumnus- IT, currently Software Engineer, TeraData presented a talk on "Environment in Software Company, and leading Projects in a Company", as a part of Alumni Programme conducted by Dept. of IT

➤ M.E Permanent Affiliation Committee from Andhra University visited the campus on September 21, 2015. Prof. K. Vaisakh, Department of Electrical Engineering AUCE (A), Andhra University and Prof. Geeta Bhaskari, Department of Computer Science & Engineering AUCE (A), Andhra University were the committee members.

➤ Dr.M.Padmala, Assistant Professor, Department of Chemistry, acted as an Evaluator for District Science Exhibition at Jubilee English Medium School, Gnanapuram, Visakhapatnam during 24<sup>th</sup> September-2015.

## PLACEMENT CORNER

➤ Verizon Data Services India Campus Selections were held on 18<sup>th</sup> Sep 2015. The process began with online test on 18<sup>th</sup> Sep 2015 followed by Technical Interviews and finally Human Resource Round (HR). At the end of all these rounds, 1 student from IT was selected.

➤ **28<sup>th</sup> Sep 2015:** Model N Campus Selections were held on 28<sup>th</sup> Sep 2015. The process began with online test on 28<sup>th</sup> Sep 2015 followed by Technical Interviews and finally Human Resource Round (HR). At the end of all these rounds, 1 student from ECE was selected.

➤ **26<sup>th</sup> - 29<sup>th</sup> Sep 2015:** Infosys Technologies Ltd Campus Selections were held on 26<sup>th</sup> - 29<sup>th</sup> Sep 2015 at our college. The process began with online test on 26<sup>th</sup> Sep 2015 followed by Personal Interviews. Out of 466 eligible students attended online test, 184 have

cleared the test which included Verbal & Logical Reasoning. At the end of all these rounds, 147 students were finally selected; and the branch-wise breakup is as follows: CSE -28, IT-14, ECE-43, EEE-26, Mech-22, Civil-07, Chemical-05, M.E (ECE)-01 and M.E (Mech)-01.

➤ **3<sup>rd</sup> & 4<sup>th</sup> Oct 2015:** Capgemini India Campus Selections were held on **3<sup>rd</sup> & 4<sup>th</sup> Oct 2015**. The process began with online test on 3<sup>rd</sup> Oct 2015 followed by Group discussion and Personal Interview. At the end of all these rounds, 75 students were finally selected; and the branch-wise breakup is as follows: CSE -18, IT-04, ECE-24, EEE-16, Mech-10 and Civil-03.

➤ **8<sup>th</sup> Oct 2015:** Polaris Financial Technology Campus Selections were held 8<sup>th</sup> Oct 2015. The process began with online test on 8<sup>th</sup> Oct 2015 followed



Felicitation to S.Satya Narayana, Retrd, Chief Engineer, Irrigation Department, Andhra Pradesh, by Prof. V.S. R. K Prasad, Principal, ANITS and Prof. Dr.B.N.D.Narsinga Rao, HoD, Civil Engg. ANITS during 48<sup>th</sup> Engineers Day Celebrations held on 15-09-2015 organized by the Dept. of Civil Engineering



A Guest Lecture on "Causes of failures in Structural system and role of a Civil Engineer" by Professor G.Appa Rao, Professor, IIT-Madras, has been organized by the Department of Civil Engineering on 28-09-2015

➤ A Guest Lecture on "An overview of Non destructive Testing Methods" by Prof.T RamaMohana Rao, Professor, Department of Civil Engineering. VIT-Vellore has been organized by the Department of Civil Engineering on 03-10-2015.

by Group discussion and Personal Interview. At the end of all these rounds, 37 students were finally selected; and the branch-wise breakup is as follows: CSE -08, IT-01 and ECE-14.

➤ **9<sup>th</sup> Oct 2015:** Ux Reactor Campus Selections were held on 9<sup>th</sup> Oct 2015. The process began with online test on 9<sup>th</sup> Oct 2015 followed by Technical Interviews and finally Human Resource Round (HR). At the end of all these rounds, 3 students were finally selected; and the branch-wise breakup is as follows: CSE -01, ECE-01 and Mech-01.

**20<sup>th</sup> Nov 2015:** Genpact Software Campus Selections were held on **20<sup>th</sup> Nov 2015**. The process began with online test on 20<sup>th</sup> Nov 2015 followed by Group discussion and Personal Interview. At the end of all these rounds, 10 students were finally selected; and the branch-wise breakup is as follows: CSE -07, IT-01, ECE-01 and M.E (ECE)-01.

## SEMINARS/ WORKSHOPS/ CONFERENCES ATTENDED BY FACULTY

Mr. Ch Demudu Naidu Sr.Asst. and Mr. N Aditya Sundar Asst. Prof IT participated in Quality Improvement Programme - Short term course on "Predictive Analytics in the Cloud" held from 12<sup>th</sup> to 18<sup>th</sup> October 2015 at Coimbatore Institute of Technology, Coimbatore

Dr. J. Vijay Kumar, Associate Professor and Mr. K. Trinadh Babu, Asst.Professor, EEE participated in the two day workshop on "Planning, Operation and Control of Micro grid-I (POCMGRD)" organized by the Department of Electrical Engineering, AUCE (A), Visakhapatnam during 26<sup>th</sup> to 27<sup>th</sup> November 2015.

Mr.J.Bhaskar Rao, Asst Prof, and Mr.Vijay Kumar Raju, Asst Prof, ECE Department attended a workshop on "Emerging Trends and Future Perspective in Image Processing and Computer vision" sponsored by IEEE Madras Chapter, organized by Sai Ram Engineering college, ECE department during 22<sup>nd</sup> and 23<sup>rd</sup> September, 2015

Prof S. Subba Rao, Head, Dr. M. Shiva Naresh & Dr. K China Malakondaiah, Asst. Professors, Department of Chemical Engineering participated in workshop on "Smart Technologies for Waste Management for Smart Cities" conducted by SEAC & SEIAA, A.P, 26<sup>th</sup> Nov. 2015.

## PAPER PUBLICATIONS BY FACULTY

Mrs.R.Sarada, Assistant Professor, Department of Chemistry published a paper titled "Plant Mediated Synthesis of Silver Nanoparticles by using Dried Stem Powder of *Tinospora Crispa*, and study of its Photoluminescence activity" in International journal of Engineering Research and Applications ISSN: 228-9622, Vol.5, Issue 7, (Part-1) pp.82-89

Mrs.R.Sarada, Assistant Professor, Department of Chemistry published a paper "Synthesis and Bio-evaluation of 2-imino-4-Amino Thiazole capped silver Nanoparticles" in Asian Journal of Chemistry, Vol.28, No.3 ,pp-658-662.

Dr.M.Nookaraju, Assistant Professor, Department of Chemistry published a paper "Titanium Aminophosphates-Synthesis, characterization and orange-G dye degradation studies" in RSC- Advances, 2015,pp-106509-106518.

Mr. R. Satish, Sri P. Kanta Rao & Sri K. Vaisakh, Asst. Professors- EEE, presented a research paper entitled 'Dynamic data structure for

Load flow Analysis of unbalanced Distribution Networks' in 2<sup>nd</sup> National Conference on "Power Systems" (NCPs-2015) during 25<sup>th</sup> to 26<sup>th</sup> September 2015 organized by the Department of EE, Andhra University College of Engineering (A), Visakhapatnam.

Prof. V. Sridevi, Ms. M. Padmaja, Ms. A. Sahitya, Mr. N. HarshaVardhan, Dr. G. H. Rao, Dept. of Chemical Engineering published a paper on "Application of Box-Behnken Design for the Optimized Production of Lactic Acid by Newly Isolated *Lactobacillus Plantarum* JX183220 Using Cassava (*Manihotesculenta*Crantz) Flour", British Biotechnology Journal ,9(2), 1-9, September 2015.

Dr. Ch.Anil & Ms.R. Padmasree, published a paper on "PID Control of integrating systems using Multiple Dominant Poleplacement method", Asia-Pacific Journal of Chemical Engineering, Vol 10, Issue 5, pp. 734-742, September-October, 2015.

Ms. A.N.R.Latha, Assistant Professor, CSE has published a paper on "Personalized Web Search using Ontology And Page Ranking" in International Journal Of Science And Research (IJSR), ISSN(Online):2319-7064,Volume 4 Issue 7 July 2015

Ms. SA Bhavani, Assistant Professor, CSE has published a paper on "Implementation of Deblurring Images Using Blind Deconvolution Technique", in International Journal of Science and Research (IJSR), ISSN (Online):2319-7064, Volume 4 Issue 8 August 2015.

Ms. SA Bhavani, Assistant Professor, CSE has published a paper on "Enhancement of Stream Ciphers Security Using DNA", in Proceedings of the second International Conference on Computer and Communication Technologies,IC3T-2015, Hyderabad, Springer Publication, AISC-381,DOI 10.1007/978-81-322-2526-3\_61,PP:637-643,july 2015.

Ms. K S Deepthi, Assistant Professor, CSE published a paper on "Information Extraction from Research Papers Based on Statistical Methods", in Proceedings of the second International Conference on Computer and Communication Technologies,IC3T-2015, Hyderabad, Springer Publication, AISC-381,DOI 10.1007/978-81-322-2526-3\_61,PP:573-580,july 2015.

Ms. K.S.Deepthi, Assistant Professor, CSE published a paper on "Research Domain Selection using Naïve Bayes Classification", in International Journal Mathematical Sciences and Computing, ISSN: 2310-9025 (Print), ISSN: 2310-9033 (Online) ,volume No. 2, Issue No. 2 ,PP:14-23, April 2016..

Ms. K.S.Deepthi, Assistant Professor, CSE published a paper on "Extractive Text Summarization Using Modified Weighing And Sentence Symmetric Feature Methods", in International Journal of Modern Education and Computer Science, ISSN: 2075-0161 Vol-7 No-10 OCTOBER 2015, PP: 33-39.

Ms. Pritee Parwekar, Assistant Professor, CSE published a paper on "Optimal Instructional Methods For Engineering Studies", in International Conference on MOOC'S Innovation and Technology in Education(IEEE MITE-2015), October 1-2,2015,Amritsar College Of Engineering And Technology, Amritsar, Punjab.

Ms. G.Santoshi, Ms. G.Gowri Pushpa, Assistant Professor, CSE published a paper on "Detect Pedestrian Orientation by Integrating Multiclass SVM Utilizing Binary Decision Tree", in International Journal of Advanced Research in Computer and Communication Engineering, ISSN:2278-1021,Vol 4 Issue 11 November 2015.

Ms. Sunita A Yadwad, Assistant Professor, CSE published a paper on "An Effective and Efficient Clustering Based on K-Means Using Map Reduce and TLBO", in Proceedings of the second International Conference on Computer and Communication Technologies , I C 3 T - 2 0 1 5 , Hyderabad, Springer Publication, AISC-381,DOI 10.1007/978-81-322-2526-3\_61,PP:619-628,july 2015.

Mr. S Rajan Mishra, Assistant Professor, CSE published a paper on "Object Recognition with Discriminately Trained Part-Based Model on HOG(Histogram of Oriented Gradients)", in Proceedings of the second International Conference on Computer and Communication Technologies,IC3T-2015, Hyderabad, Springer Publication, AISC-381,DOI 10.1007/978-81-322-2526-3\_61,PP:645-653,july 2015.

Mr. K Suresh, Assistant Professor, CSE, Mr. B Ravi Kiran, Sr. Assistant Professor, CSE published a paper on "Edge Detection on an Image Using Ant Colony Optimization", in Proceedings of the second International Conference on Computer and Communication Technologies,IC3T-2015, Hyderabad, Springer Publication, AISC-381,DOI 10.1007/978-81-322-2526-3\_61,PP:601-607,july 2015.

Ms. Abhibunnisha Begum, Asst. Prof., Dept. of English and Humanities published a paper titled "The Concept of Mislaid Identity And The Quest of Self In The Select Novels of Salman Rushdie" in Journal of English Language and Literature (JOELL), Volume 2, Issue 4, pp- 80-83, Nov 2015



## JOINT PAPER PUBLICATIONS BY FACULTY AND STUDENTS

1. Prof. R. Govardhana Rao, Director (Admn.), ANITS and Ms. V. Tanuja, 2/2 M. Tech (CS) have presented a paper entitled "A New Control Strategy to Control the Power Flow in HVDC Link using Fuzzy Logic Controller, Artificial Neural Networks and Conventional PI Controller" in International Journal of Multidisciplinary Research Centre (IJMRC), Vol. 1, Issue No. 4, pp. 45 – 58, ISSN: 2454-3659 (P), 2454-3861 (E) September 2015.

2. Dr. G. Raja Rao, HOD of EEE, ANITS and Mr. K. Bala Siva, 2/2 M. Tech (CS) have presented a paper entitled "Design and Implementation of SMC Controller for a Linear Second Order System with Disturbance" in International Journal of Multidisciplinary Research Centre (IJMRC), Vol. 1, Issue No. 4, pp. 126 – 138, ISSN: 2454-3659 (P), 2454-3861 (E) September 2015.

3. Dr. G. Raja Rao, HOD of EEE and Mr. Shaik Ali Akbar, 2/2 M. Tech (CS) have presented a paper entitled "3-phase Inverter with Sliding Mode Control" in International Journal of Emerging Technologies in Computational and Applied Sciences (IJETCAS), Vol. 14, Issue No. 2, pp. 163 – 169, ISSN: 2279-0047 (Print), 2279-0055 (Online) September-November 2015.

4. Mr. S. Balamurali, Associate Professor, EEE and Ms. P. Pabithra, 2/2 M. Tech (CS) have presented a paper entitled "Robust Control of DC Motor Using PID, Fuzzy and Sliding Mode Control" in International Journal of Multidisciplinary Research Centre (IJMRC), Vol. 1, Issue No. 4, pp. 13-22, ISSN: 2454-3659 (P), 2454-3861 (E) September 2015.

5. Mr. Kottala Kiran Kumar, Asst. Professor, EEE and Ms. G. Prajwala, 2/2 M.

Tech (CS) have presented a paper entitled "Design of a Two Stage ANN Based GPI Controller with Fast Online Algebraic Identification Method of SCARA Robot" in International Journal of Multidisciplinary Research Centre (IJMRC), Vol. 1, Issue No. 4, pp. 23-34, ISSN: 2454-3659 (P), 2454-3861 (E) September 2015.

6. Mr. Ch.V.N. Raja, Asst. Professor, EEE and Mr. D. Narendra Kumar, 2/2 M. Tech (CS) have presented a paper entitled "Design of Induction Machine and Internal Parameter Sensitivity Reduction using Field Oriented Control" in International Journal of Multidisciplinary Research Centre (IJMRC), Vol. 1, Issue No. 4, pp. 59-66, ISSN: 2454-3659 (P), 2454-3861 (E) September 2015.

## SEMINARS/ WORKSHOPS/ CONFERENCES ATTENDED BY STUDENTS

Mr. N.Kisan Reddy IV/IV ECE-A participated as a speaker in 2<sup>nd</sup> World Congress on Disaster Management organized by Andhra University, Visakhapatnam during 19<sup>th</sup>-22<sup>nd</sup> November 2015.

Ms.Sunanda Behera II/IV ECE participated in a two day workshop on "Robotics" organized by the Department of CES in association with CSI Student branch and EduRobo Pvt.Ltd in the premises of ANITS, Sangivalasa during 18<sup>th</sup> -19<sup>th</sup> September 2015.

15 students of IV/IV ECE A & B achieved a GOLD certificate organized by AICTE-EETP and BSNL, Visakhapatnam during 30<sup>th</sup> March 2015 to 14<sup>th</sup> August 2015.

Ms.D. Deena, Mr.C. S. R. Karthik, Mr.C. Rohit, Mr.K Adesh and Ms.R. A. V. Sangavi of III/IV Chemical Engineering have participated in one-day workshop on "Smart Technologies for Waste Management for Smart Cities" conducted by SEAC & SEIAA, A.P. on 26<sup>th</sup> Nov. 2015.

## FACULTY ACHIEVEMENTS



Mr. K. Srinivasa Rao, Asst. Professor, Dept of Physics was awarded PhD in physics for his thesis entitled "Trace Elemental Analysis using Proton Induced X-Ray Emission (PIXE) Technique" from

JNTU Hyderabad in Nov 2015, under the guidance of Prof.P.Venkateswarulu, HoD, Dept. of Physics, ANITS

Dr.S.C.Satapathy is nominated as Associate Editor of International Journal Ambient Computing Intelligence that specifically focuses on the convergence of ubiquitous computing, context, intelligent systems, networking and security and has Scopus and Thomson Reuters Indexing. Details Can Be Found in: <http://Www.Igi-Global.Com/Journal/International-Journal-Ambient-Computing-Intelligence/1110>

Dr.S.C.Satapathy is nominated As Editor Board Member of Prestigious International Journal IJAIP. <<http://Www.Inderscience.Com/Jhome.Php?jcode=ijaip>>

Mrs. Pritee Parwekar is nominated as SPOC (Single Point Of Contact) for CSC Corp Company Project. She was certified by CSC Corp Company for her outstanding initiative in guiding students to complete CSC COIN Program titled "Online Documentation System". This Program Started From 23/8/14 To 1/6/15.

Mrs.Pritee Parwekar received award for paper presentation at International Conference under Computer Society of India, Region V, at New Delhi on 5<sup>th</sup> December 2015.

## BOOK-POST

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