

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

NEWS LETTER

Proposals submitted

Dr. G. Seetharaman , Principal & J.Banumathi A/P submitted a proposal to CSIR entitled to Introduction to Cognitive Radio, Software Defined Radio And Adaptive Wireless System on 25th Sep -27th Sep 2013

Dr. G. Seetharaman , Principal & J.Banumathi A/P submitted a proposal to DRDO entitled to Embedded Core Design with FPGA'S on 7th Oct -19th Oct 2013.

Dr. G. Seetharaman Principal, & Dr.T.N.Prabakar, HOD/(ECE) submitted proposal to FDP on VLSI Design at Anna university Chennai, on Oct 2013.

Dr. G. Seetharaman , Principal submitted a proposal to FDP on Electromagnetic Radiation at Anna university Chennai, on Oct 2013.

Mr.L.Sriraman submitted proposal to IEEE Young Scientists Humanitarian Challenge 2013 proposal entitled to E-learning illiterates in the month of June 2013.

Seminars/Conferences/Workshops attended by staff members

Dr. G. Seetharaman , Principal attended an International Conference on Mathematical Modeling and Computer Simulation - AMS 2013 entitled to Implementation of One Level 2D DWT Using Multiplier Less Modified Flipping Architecture and Acted as a **Chair Person** for Image Speech And Signal Processing Session on AMS 2013 at Hong Kong &Kuala Lumpur – Malaysia on 23rd July -25th July 2013.

Dr.T.N.Prabakar, HOD/(ECE) attend a Workshop on Wireless Sensor Network at NIT-Trichy on 26th & 27th Aug 2013.

Dr.T.N.Prabakar, HOD/(ECE) attend a National Seminar on VLSI Design at Rover Engineering College on 27th Sep 2013.

R.Renga Prabhu, F.Wilfred Amalrose and R.Kumaravel A/P attend a Workshop on Amplifiers, oscillator, OSCAD entitled Simulation Software Workshop Entitled to Analog Electronics on 4th - 14th June 2013.

Mrs.Chitra, Ms.Subha A/P attended a Workshop on PCB design , Calibration of instruments workshop entitled Workshop for Lab Technicians at NIT Trichy, on 24th-27th June 2013.

L.Sriraman, A/P attended an International Conference on Computing, Communication and Networking Technologies - ICCCNT 2013 entitled Design and FPGA Implementation Of

Binary Squarer using Vedic Mathematics at Vivekanantha College of Engineering for Women, Thiruchengode, Namakkal on July 2013.

Mr.L.Sriraman A/P submitted a paper to the conferences on Multiplexer based two variable DAA at Karunya university ,Coimbatore on 30th Dec 2013.

Dr.G.Seetharaman Principal & Mr.Renga Prabhu A/P papers selected for the Conference on Quality Improvement Cell at Anna university Chennai on 3rd Dec 2013.

Ms.M.Veni Saranya & Mr.K.Vel Murugan A/P papers selected for the conference on Advanced VLSI design at Care School of Engineering on 3rd – 5th Dec 2013.

Publications by Staff Members

Dr. G. Seetharaman , Principal & Ms.Poornima A/P had a seminal publication on the Conferences on FPGA implementation of less are overhead Radix-4 threshold Viterbi Decoder with Trace Forward for OFDM based cognitive radio at Meghalaya schillong in the month of 13th Sep 2013.

Dr. G. Seetharaman , Principal had a seminal publication for the paper presented on the Conference” A Novel Approach for the effective implementation of 2 level 2 D DWT using ASIC & FPGA” at Meghalaya Schillong on 13th Sep 2013.

Dr.M.Riswan Ahamed, published a paper in the Iranian Polymer Journal (Springer, Impact Factor-1.04) papers published entitled to Thiazole based Terpolymer and its metal complexes: Synthesis, characterization, thermal degradation kinetics and antibacterial studies in the month of July 2013.

Dr.M.Riswan Ahamed, published a paper in the journals to Chinese Journal of Chemistry (Wiley-Impact Factor-1.1) entitled to Biological Screening of Benzothiazole-Ethylenediamine-Formaldehyde Terpolymer and its Metal Complexes: Synthesis, Characterization and Thermal Properties in the month of July 2013.

Seminars/Guest Lectures convened by Staff Members

Dr.T.N.Prabakar (HoD/ECE) & Mr. Renga Prabhu A/P gave a Guest Lecture on Low Power VLSI at Agni College of Technology Chennai in the month of 29th Oct 2013.

FDTP Conducted

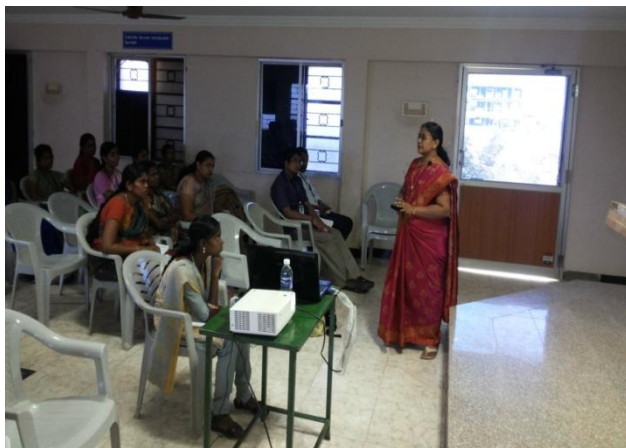
One week FDTP program on EC2354 -VLSI Design sponsored by Centre for Faculty Development Anna University was held from 16th to 23rd December 2013 the Resource persons for the occasion were Dr.G.Seetharaman, Principal, Oxford EngineeringCollege,Dr.T.N.Prabakar,Dean(Academic) (HoD/ ECE), Dr.G.Lakshminarayanan,

Associate Professor, NIT-Trichy, Dr. M.Shanthi, AP / SCE, Trichy., Mr. P. RengaPrabhu, Asso. Prof.ECE,OEC, Prof.L.Sriraman,A/P ECE, OEC, Dr. C. Vennila, AP / SCE, Trichy, Ms. N. Poornima , AP/ ECE,OEC, Ms. J. Banumathi, AP / ECE,OEC, Ms. M. Veni Saranya, AP/ ECE,OEC, Mrs. M. Maheswari, AP / JJCET, Mr. K. Sambasivam, AP / ECE,OEC , Mr. M. Velmurugan, AP/ECE,OEC



On 16.12.13 the practical session was conducted on the Introduction to Verilog Programming by Mr. L. Sriraman, AP/ OEC Trichy.

On 17.12.13 a Guest Lecture was delivered by Dr. M. Shanthi, AP / SCE, Trichy on Delay Estimation, Transistor Sizing & Power Dissipation.



A practical laboratory session was held on the same day on FPGA Tool Flow & Verilog Combinational Circuit Design conducted by Ms. N. Poornima , A/P/ECE,OEC, Trichy .



On 18.12.13 a Guest Lecture was delivered by Mrs. Parvatham, AP / MCE, Trichy on SPICE Modeling & Circuit Characteristics.



Ms. J. Banumathi, AP/ ECE, OEC, Trichy gave a practical demo on the LAB -Sequential & advanced Sequential Design.



On 19.12.13 a guest lecture was delivered by Dr. T. N. Prabakar, HoD/ ECE,OEC, on the



Combinational ,Sequential & FSM Design. .

Mr. P. Rengaprabhu, Asso. Prof., OEC, Trichy. Presented a demonstration on Introduction to Tanner / Cadence LAB -Sequential & advanced Sequential Design.



On 20.12.13 Guest Lecture was delivered by Dr. G. Seetharaman, Principal,OEC, Testing- BIST.



Ms. M. Veni Saranya, AP/ ECE, OEC, handled the practical session on the same day on Programming on FPGA.

On 21.12.13 Guest Lecture delivered by Mrs. M.Maheswari, AP/JJCET,Trichy on Testing- DFT



Mr. Saravana Kumar / Embedded +, Trichy & Mr. K. Sambasivam, AP / ECE,OEC, Trichy handled the practical session on Testing & Debugging CAD Tools.

On 22.12.13 a guest lecture was delivered by Dr. T. N. Prabakar, HoD/ ECE,OEC, Trichy on Content Beyond Curriculum - Low power Design & Real Time Project Implementation.



M. Velmurugan, AP/ECE,OEC, Trichy & Mr. Saravana Kumar / Embedded + enriched the practical session on the same day on the topic Low power Design & Real Time Project Implementation.

Inplant Training

From 12 - 14 Dec 2013 Fathima Riswana (III-A) M.Geetha Meena (III-A) underwent an In Plant Training at AIR –Tuticorin.

On 14 – 18 June 2013 M.Suganthi N.Ramya K.Suganya ,R.Siva kumar,K.Renuka devi G. Dhivya

S.Arthi, M.AneesFathima J.Ida jenifer, N.Ramya , K.Suganya

K.Renuka devi underwent an In Plant Training at UNIQ Technologies Chennai.

Seminars/Conferences/Workshops attended by Students

On 6th Sep 2013 S.Gomathi (IV-A), A.Pushpa (IV-A) A.GeethaMeena(IV-A), D.Sudhakaran (IV-B)R.Ramamoorthy(IVB),P.Vignesh(IVB),N.Thamaraiselvan (IV-B) participated in Circuit Debugging on “Police silencer” ,“Stepper motor” at Saranathan College of Engineering.

On 19 – 20 Sep 2013 Naveen kumar (IV-B),Arul murugan (IV-B) participated and presented a paper on GPS at University College of Engg., Panruti

On 20 -21 Sep 2013 P.Vignesh (IV-B) D.Sudhakaran (IV-B)K.Mukilan (IV-B) R.Ramamoorthy(IV-B) participated in Circuit debugging on Integrator and differentiator and Robo race at Cauvery College of Engg. & Tech.

On 5 July 2013 the following students C.Arokiaraj, N.Gogularaman, H.Gethcy A.Sri priya D.Sudhakaran V.Subatra,M.Suganthi participated in the Industry connect-Seminar held at Sri Eshwar College of Engineering,Coimbatore

On 23 Sep 2013 Mullainathan (IV-A), Ramalingam (IV-A) participated and presented a Paper on Monitoring & tracking human health using RFID technique at SSM-Institute of Engineering & Technology.

On 20 -21 Sep 2013 P.Vignesh (IV-B) D.Sudhakaran (IV-B) participated and presented a Paper on Long term evolution at Cavery College of Engineering.

On 20 -21 Sep 2013 D.Sudhakaran (IV-B) participated on Non-technical event Just a Minute and won the II Prize at Cauvery College of Engg. & Tech.

On 20 -21 Sep 2013 K.Mukilan (IV-B), A.Natraj (IV-B) participated in the Short film competition on Construction Safety at Cauvery College of Engg. & Tech.

On 24th Dec 2013 Arokia Raj (IV-A) Gogularaman (IV-A), Sathish (IV-B) Ramamoorthy (IV-B) participated in the workshop entitled MIC (Microsoft boot camp windows app development) at Jayram College of Engineering and Technology.

Sports

On 26 - 29 Aug 2013 Manikandan(IV-B),M.Devakumar (III-A), V.Praveenkumar (III-B) participated in the Kho-Kho tournament held at VRS Engineering College.

On 7 Aug 2013 Sridevi (IV-B), Sripriya (IV-B) Gomathi (IV-A) participated in the Chess Tournament held at Cauvery College of Engineering & Technology.

On 13-14 Aug 2013 R.Brindha (II-A) M.Shamley (II-B), A.Pushpa (IV-A) Banupriya (IV-A) M.Abinaya (IV-A) participated in the Kho-Kho Tournament held at Anna University -BIT campus .

On 14 Sep 2013 R.Sathish kumar (M.E –VLSI), S.Saranya devi (M.E –VLSI) attended workshop on Soft computing techniques using mat lab at Kongu Engineering College.

On 05th – 07th Sep 2013 S.Manimaran (IV-B) participated Hockey at PITS-Thanjavur.

On 05th – 07th Sep 2013 H.Gethcy (IV-A) M.Abinaya(IV-A) S.Sridevi (IV-B) ,Priya Domy (IV-A) participated in the Chess Tournament at PITS-Thanjavur.

On 12th – 14th Sep 2013 C.Arokiaraj(IV-A) J.Harihara Balan (IV-A), A.Dinesh Kumar (IV-A), T.Sivakumar (IV-B) participated in the Basket ball events held at Sudharsan Engg College.Pudukottai

On 20th & 21th Sep 2013 D.Sudhakaran(IV-B), P.Ravichandran (II-B) participated in the Volley ball tournament held at Sudharsan Engg College.Pudukottai.

On 23rd & 24th Sep 2013 S.Manimaran(IV-B),K.Ranjith (IV-B) K.Suresh (II-B), M.Ananda Perumal (II-B) S.Muthu Karuppan(II-B) participated in the Hockey league held at J.J College of Engg. & Tech.

Details of Proposal Submitted:

On Sep 2013 the following students P.Akila (IV-A) K.Karthiga(IV-A) S.Jayapal (IV-A), Balakrishnan(IV-A) Mulainathan (IV-A) Naveen kumar (IV-A), S.Eswariya (IV-A) S.N.Lekeshmi Priya (IV-A) R.Prasanth(IV-A) , Lakshmi (III) Indumathi (III) Karunya(III) submitted a proposal entitled “Smart Energy Save Network”,” Prepaid Electricity Meter”,” Air Handling Unit”,” Losses load in the Electronics Circuitry for the Automobile Applications” to (ELECTRAMA EI-14) National Level Competition.