

GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING (Autonomous)
Madhurawada, Visakhapatnam – 530 048.

NEWS LETTER SEPT - OCT 2011

1. News from the Principal's Office:

- GVP COE has been selected under TEQIP – II, SUB COMPONENT – 1.2 for
 - ❖ Scaling-up Post Graduate Education and
 - ❖ Demand-Driven Research & Development and Innovation.

Memorandum of Understanding was signed on 19th September 2011 between the Governor, State of Andhra Pradesh (through Dr. K. Lakshminarayana, IAS, Commissioner of Technical Education, State of Andhra Pradesh) and Gayatri Vidya Parishad College of Engineering (Autonomous), Visakhapatnam.

- The GVP College of Engineering (Autonomous) is included in the list of Colleges selected under Section 12(B) of the UGC Act, 1956 declaring the college fit to receive Central Assistance vide letter dt. 1st September, 2011 of the UGC.
- College was awarded candidacy status by IAO, an International Accreditation Organization which is valid upto September 07, 2012.
- The National Board of Accreditation, AICTE sanctioned Accreditation to the following UG Programmes for 3 years w.e.f. 16.9.2011:
 - B.Tech. Electrical & Electronics Engineering
 - B.Tech. Information Technology
- Prof. A. Balakoteswara Rao, Professor, Mechanical Engineering has taken charge as Vice-Principal w.e.f. 14.9.2011.
- Dr. R.V.G. Ravi Kumar, Associate Professor & Head, Mathematics Department has taken charge as Controller of Examinations w.e.f. 15.9.2011.
- Dr. V. Seshagiri Rao, Professor, CSE Department has assumed charge as Head of the Department of CSE w.e.f. 15.9.2011.
- Students of G.V.P. College of Engineering (A) actively participated in the “Youngistan” live programme of ABN-Andhra Jyothi conducted on 19.9.2011 in the College premises for which the Hon’ble Minister for Transport, Government of Andhra Pradesh was the Chief Guest.
- SPIC MACAY organized Kathakali (Dance) by Sri Kuttan Ashan (Palakkad) on 21.9.2011.
- College is sanctioned an NSS Unit by the JNTU-Kakinada.
- A Blood Donation camp was organized on 14.10.2011 by the NSS Unit of the College.

2. List of new Faculty who have joined/Faculty who have left:

- **The following faculty members have joined the departments:**
 - Mr. K. Bala Prakash, Asst. Professor, CSE Department.
 - Mr. P. Sanoop Kumar, Asst. Professor, CSE Department.
 - Ms. N. Sandhya Rani, Asst. Professor, CSE Department.
 - Dr. Devisetty Srinivasa Rao, Professor, Mechanical Engineering Department.

- **The following faculty members have left the college:**
 - Mrs. Hima Bindu, Asst. Professor, Chemical Engineering Department.
 - Mr. M. Ben Swarup, Associate Professor, CSE Department.
 - Mrs. K. Girija Rani, Asst. professor, CSE Department.
 - Ms. Ch. Anusha, Asst. Professor, CSE Department.
 - Mr. K. Naveen Teja, Asst. Professor, IT Department.
 - Ms. Sravani, Asst. Professor, Department of Management Studies.
 - Dr. P. Murali Krishna, Asst. Professor, Physics Department.

3. Awards/recognitions obtained by the College /Faculty/Students.

- Dr. B. Sankara Rao, Associate Professor, Chemical Department has been offered a One Year Research Professor in Korea Institute of Advanced Scientific & Technology.

- Mr. RVV Murali Krishna, Associate Professor, IT Department has submitted two assignments as part of the Mission 10X Faculty Training Programme. They were approved and uploaded in the Wipro Mission 10X portal on 6th September 2011.

http://www.mission10x.com/Mission10x/Faculty/Instruction%20GuideManual/Introduction%20to%20CryptographyRVV%20Murali%20Krishna_GVPCOE_S1.pdf

http://www.mission10x.com/Mission10x/Faculty/Instruction%20GuideManual/GREP,%20EGREP%20Commands_RVV%20Murali%20Krishna_GVPCOE_S2.pdf

- Dr. P. Murali Krishna, Asst. Professor, Physics Department selected for Visiting Fellowship at CNR Rao Lab, JNCASR, Bangalore during the period which is going to start during the June to August 2012.

- Patnala Rama Narasimhachari, IV B.Tech Student, Civil has been awarded with the First Prize for Best Essay Award conducted by the Institute of Engineers (India) Visakhapatnam Local Centre on 15th September 2011.

- S.V. Sirisha, IV B.Tech Student, EEE has been awarded with First Best Essay Award in the essay competition conducted by the Institution of Engineers (India) Visakhapatnam Local Centre on 15th September 2011.
- Third Prize was secured by Asmitha Soni, III B.Tech and K. Pranav II B.Tech Students in the 7th Inter College Debate Competition 2011-12 held jointly by the Indian Association of Parliamentarians on population and development (IAPPD), New Delhi and Andhra University held in September 2011.
- Ms. M.S.V. Vaidehi, III B.Tech, Mechanical student got selected to the JNTUK Table Tennis (w) team which participated in the South Zone Inter-University TT.(w) Championship held at Amrita Viswa Vidyapeetam University Coimbatore, Tamil Nadu from 10-10-2011 to 12-10-2011.
- College Volleyball (m) Team Won the Inter-Engg. Collegiate Championship held at Vignan Institute of EnggF. Tech., Duvvada, Visakhapatnam in the month of Oct 2011.
- College Volleyball (m) Team secured Second place in the Inter-Engg. Collegiate Volleyball Championships held at Pydah Engg. College and also Vignan Institute of Engg. Tech., Duvvada, Visakhapatnam in the month of Oct 2011.

4. Papers published/presented (or accepted for publication / presentation) in journals/conferences::

• **Papers published in Journals:**

- **C.V. Nageswara Rao**, R. Padma Sree, 'Set Point Weighted PID Controller for Integrating Systems with Time Delay' IUP Journal of Chemical Engineering, Sept 2011, vol:3 No. 3 , pp. 7-18.
- B.S. Subramanyam, **M.S.N. Murty**, B. Surendra Babu and K.V. Ramesh, 'Studies on Pressure Drop and Bed Porosity in Liquid Fluidized Beds with Twisted Tape Internals' IUP Journal of Chemical Engineering, Sept 2011, vol:3 No:3 , pp. 30 - 44.
- M.J. Kim, **B. Sankara Rao**, J.R. Kim, C.K. Yoo, 'Use of New Fouling Index for Determination of Chemical Cleaning Interval in Membrane Bio-Reactors (MBRs)', Desalination and Water Treatment, Sept 2011, 33, pp. 209 -217.
- **Venkat Lute**, Akhil Upadhyay, Krishna Kumar Singh. 'Genetic Algorithms-Based Optimization of Cable Stayed Bridges', Journal of Software Engineering & Applications, October, 2011 , Vol.4(10) pp. 571 – 578.
- **B. Venkata Ramana, Viswanath, V. Raj Kumar, D. Vijay Kumar**. 'A Heuristic Based Multi-Objective Approach for Network Reconfiguration of Distribution Systems', International Journal of Innovative Systems Design and Engineering, October, 2011, Vol.2, No.5, ISSN 2222-1727.
- **MPK Kishore & IVS Venugopal**, 'A Cryptographic Algorithm based on bilinear transformation', International Journal of Computer Science & Issues, Sept. 2011, Vol.8, Issue 5, No.2, pp. 298 – 302.

- Arun, R., Madhu S. Nair, Vrindhavani, R., **Rao Tataavarti**, 'An improved alpha rooting based procedure for image enhancement', Engineering Letters, IAENG, Singapore, Sept. 2011,19:3, pp. 159-168.
- Prabhu, R., P. Arulmozhivarman and **R. Tataavarti**, 'Elements of Electrical Capacitance Tomography and Recent Sensing Mechanism of Inter-Electrode Capacitance', Jl. Engg. And Applied Science, Malaysia, Oct. 2011.
- **P. Krishna Subba Rao** and P.V.S. Lakshmi Jagadamba, 'Implementation of PSO Algorithm for Genomic Sequence Calculating the Peaks at N/3, 2N/3', Proceeding of the International Conference on Computer, Electrical, and Systems Sciences, and Engineering (ICCESSE-2011), Singapore, September 2011, Volume no. 1, pp. 1096 - 1101

• **Papers accepted for publication in Journals:**

- GVS Sarma, **MSN Murty**, KV Ramesh, GMJ Raju, 'Wall-to-bulk Mass transfer in Gas-Liquid up-flow bubble column with disc promoter', Journal of Energy, Heat and Mass Transfer(2010) ISSN-0970-9991 (in press).
- Kapil Soni, Shelu Garg, Kumaran, T. Bhaskar, A.K. Dalai, **G. Muralidhar**, 'Hydrotreating Catalyst Functionalities of SBA-16 Supported Mo, CoMo and NiMo catalysts', preparation Pap-Am.Chem.Soc., Div.Pet.Chem.2012 57(1)xxx.
- **Ch. Suresh**, 'Immobilization of Hg-Waste Generated from High power Spallation Sources', Journal of Nuclear Materials ISSN-0116-0794 (in Press).
- **Venkat, L.**, Pavan K.E., and **P. Veerabhadra Rao**, 'Effect of Deck-Pylon Connection in Extradosed Bridges', Journal of Recent Trends in Civil Engineering & Technology, STM Publications accepted in Oct 2011.
- **Kameswari Kandula**, 'Improvement of First Swing Stability Limit By Using FACTS Devices', International Journal of Engineering Research and Applications (IJERA) accepted in October 2011
- **Shelfali Apoorva**, **H. Madhan Mohan**, 'Fault Diagnosis of Power Systems Considering Mal Functions of Protective Relays and Circuit Breakers', International Journal of Engineering Research of Application (IJERA), accepted in October 2011.
- **M. Neelima**, **B. Jayalakshmi** and **MPK Kishore**, 'A Novel Approach for Proximity Based Routing Protocol in Wireless Sensor Networks', International Journal of Computer Science & Issues accepted in October 2011.
- Prabhu, R., P. Arulmozhivaraman and **R. Tataavarti**, 'Review of the Key Elements of Electrical Capacitance Tomography and Recent Sensing Mechanism of Inter-Electrode Capacitance', Jl. Engg. And Applied Science, accepted in October 2011.
- **J. Ravindranath**, 'Shifting moods of Mandarins of Imperialism and Response of Victims: A study of Naipaul's In a Free State and Rushdie's Shalimar the Clown', Contemporary Discourse: A Peer Reviewed International Journal, January 2012, Volume-3, Issue-1, which has been selected for publication.

- **Papers presented in Conferences:**

- **Srinivas Manchikanti.** ‘Beneficial Uses of Waste Materials in Civil Engineering Construction Activity, Proceedings of technical session at the 74th Annual General Meeting. APSC IE(I), Hyderabad, October 28, 2011. pp. 31 – 37.
- **K.V.S.R. Murthy, P. Pavan Kumar,** ‘Optimal Sizing of Capacitors in Radial Distribution System using Harmony Search Algorithm’, 2nd International Conference, Swarm Evolutionary and Memetic Computing (SEMCCO) 2011 ANITS, Visakhapatnam, September 2011, pp. 15-19.
- **P.K. Das, B. Giridhar Rao,** ‘Power Quality Improvement in Conventional Electronic and Controller for an Isolated Power Generation’, Fifth National Conference, Advance in Energy Conversion Technologies (AECT) 2012, Institute of Manipal, Karnataka, India, September 2011, pp. 20-25.

- **Papers accepted for presentation in Conferences:**

- **B. Sankara Rao, Garikiparthi Prithvi Sai Nadh,** ‘Determination of Effective factor for bimolecular Langmuir Hinshelwood kinetics for different catalyst geometrics’, CHEMCON-2011, IISC, Bangalore, 27th – 30th December, 2011.
- **Sanjay Kumar, P. Srinivasa Rao and A. Ramakrishna,** ‘Prediction of weld bead geometry in arc rotation mechanism or pulsed GMA Welding using neural network, International Conference on Computational Methods in Manufacturing (ICMCM 2011) IIT Guwahati, 15th & 16th December 2011,

5. *Courses/Seminars/Conferences conducted/attended with names of faculty conducting/attending, name of the seminar, place of seminar, dates etc.*

- The GVP College of Engineering supported a one-day National Seminar “Poorva Drishti” organized by CASTLE at NSTL, Visakhapatnam on the 29th October, 2011. The Seminar was attended by over 150 delegates from all over India and discussed matters pertaining to the “Look East Policy” of Government of India in developing our relations with our Asian neighbours.

- **Attended by Faculty:**

- **B.J. Vijaya Kumar,** ‘Effective e-technology and Learning’, International Institute of Informatino Technology, Bangalore during 28th August – 9th September, 2011.
- **D. Amritha,** ‘English for Scientific and Technical Writing’, GITAM, Visakhapatnam during 23rd -24th September, 2011.
- **J. Raja Ratnam,** a Refresher course ‘Research Methodology’ University of Madras, Chennai during 2nd – 22nd August 2011.
- **J. Vasundhara Devi** 2011 to present a review of the project SR/S4/MS: 491/07 ‘Qualitative Study of Set Differential Equations Involving Causal Operators with Memory , 53rd meeting of program advisory committee on Mathematical Sciences at Indian statistical institutes’, Tejpur during 21st – 22nd October 2011.

• **Courses organized for Students:**

| Sl. No | Year of the students | Conducted by | Programme | Place | Dates |
|--------|---------------------------------|-----------------------|--|--------|---|
| 1 | III B.Tech (CSE & IT) II MCA | Mr. Ratnam, IBM | A training program on DB2 9 | GVPCOE | 28 th to 31 st Oct 2011 |
| 2 | III B.Tech (CSE & IT) II MCA | Mr. Rama Shankar, IBM | A training program on RAD | GVPCOE | 5 th to 7 th Sept 2011 |
| 3 | III B.Tech (CSE & IT) II MCA | Mr. Ch. Yuktesh, IBM | A seminar on “the Great Mind Challenge (TGMC)” | GVPCOE | 14 th Oct 2011 |

6. Consultancy Projects sanctioned with title of the project, names of the Consultants, title of the project, name of the organization, amount of contract.

Nil

7. Research projects sanctioned/submitted for sanction with name of Faculty, title of the Project, name of the sanctioning organization, amount involved.

Sanctioned: Nil

Submitted:

- **Undurti N Das**, ‘A study of protective action of lipoxin A₄ (LXA₄) against diabetes mellitus *in vitro* and *in vivo*’, ICMR, New Delhi, September 2011, Rs. 49,44,000/-
- **Rao Tatavarti and Undurti N Das**, ‘Studies on Electrochemical immunosensors for detection of diseases’, DRDE, Gwalior, October 2011, Rs. 8,80,000/-
- **JVS Murty, MSN Murty and C.V. Nageswara Rao**, ‘Development of a process for the production of mesophase pitch suitable for high modulus carbon fibers production’, DRDO, New Delhi, October 2011, Rs. 18,01,350/-
- **N. Bala Subramanyam, MVS Sai Ram, G. Tirumala Rao, G. Rajeswara Rao and Students**, ‘Design and Development of Electronic Scoreboard Display’, YSR Cricket Stadium, Visakhapatnam, September 2011, Rs. 10 to 12 Lakhs.

8. List of Patents obtained / submitted:

Nil

9. Guest Lectures at GVPCOE by visitors to the college or Invited Lectures by GVPCOE Faculty at other institution:

Guest Lectures at GVPCOE by visitors to the college:

- Mr. V. Rajanna, Vice President and Regional Head, TCS, Hyderabad, 'Interaction with the students for placement' on 5th September, 2011.
- The District Legal Services Authority organized an awareness camp on anti-ragging activity in the College Auditorium on 7.9.2011. Sri M. Venkataramana, Secretary, District Legal Services Authority (DLSA) & Senior Civil Judge and other members of DLSA addressed the students.
- Sri Samrat L. Sabat, Associate Professor, School of Physics, Central University of Hyderabad, 'Introduction to VLSI' on 17th October, 2011.

10. List of placements, news about Alumni etc.,

- Reputed Companies TCS & Wipro Visited College during the period September, 2011 and Selected 325 & 172 students respectively.
- Three Alumni of Chemical Engineering of the GVPCOE have started an Alumni group '**Tryst with Density**'. As part of this, they would be financing one student of each year at the department of chemical engineering, who is academically good but economically poor. Ms. Adapa Meghana (10131A0801) is the first recipient of this scholarship. Her entire fees for the 2nd year was paid by this Alumni group. The advertisement for this current year is also released recently and the eligible students are to apply online.
- News has been received that Mr. Padmanabha Rao, an Alumnus of our college who graduated in Civil engineering in 2004, has obtained his Ph.D. Degree from the University of Texas, Houston, USA.