



Gayatri Vidya Parishad

College of Engineering for Women

GAYATRI SUMAM

[Hey! *Pranavaswarupini*, who exists in all the three time scales, in the three transient stages of our mind, and in the three gunas we pray that YOU illumine our intellect and dispel our ignorance like the resplendent SUN removes all darkness. We pray YOU to gracefully offer us the serene, sharp, transcendental enlightened intellect]

Volume: 10	Issue:3	October – 2018
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Once you start a working on something, don't be afraid of failure and don't abandon it. People who work sincerely are the happiest. –ChanakyaNeeti

<p>Vision of the Institute</p> <p><i>To emerge as an acclaimed centre for learning that provides value based technical education for the holistic development of students</i></p> <hr/> <p>Mission of the Institute</p> <ul style="list-style-type: none"> • Undertake activities that provide value based knowledge in science, engineering & Technology. • Provide opportunities for learning through industry-institute interaction on the state-of-the-art technologies. • Create collaborative environment for research, innovation and entrepreneurship to flourish • Promote activities that bring in a sense of social responsibility <hr/> <p>Contents</p> <p>Vignettes Publications Workshops/Seminars/FDPs/Conferences College Events Students News Sports News In a Lighter Vein.....</p>	<p>The Qualities of a Leader</p> <p>Dr. Kalam's life is a message by itself", he says any leader must have 6 qualities to lead effectively.</p> <p>“1. A leader must have vision - Where people see end, a leader sees an opportunity to start a new venture, One of the board directors of IBM once said " World hardly has market for 5 computers", where people saw nothing Bill Gates visualized a wonderful world for himself and his employees.</p> <p>2. A leader must travel towards unexplored path There is an old saying in English " If you don't know where you are going any road can take you", leader must know the paradise even before he sets for his Journey and he must have seen even before it is reality.</p> <p>3. He must know how to manage success and most importantly the failures “When I was the mission director of SLV, it got into trouble, instead of satellite going into orbit, the whole rocket went in to Bay of Bengal. The leader and then chairman Dr.SatishDhawan is considered one of the visionaries took the responsibility of failure and next year in 1980 our team succeeded, and Satish Dhawan told me to address the press conference. The message is very clear "The leader takes failure alone and stands firm with his team but when team succeeds the credit goes to the team not to the leader".</p> <p>4. Leader must have courage to take decision “I don't know how to describe courage, but let me put in a very simple way. Courage is a mental, moral strength to stand for what is right. It is the quality and strength of the mind which enables us to encounter any danger with firmness and difficulties.</p> <p>5. Leader must have nobility in Management Nobility in Management can never be learned by reading a set of books. Leadership is a process, likewise, inbuilt Nobility in management is also a process where you build some traits which distinguish you from others. Nobility in Management can be defined as a set of acts, traits, character which differs from others.</p> <p>6. Every action of a leader should be transparent, leader must work with integrity and succeed with the Integrity - I suppose this is the most unseen character in leaders of today, Integrity is a set of principles, Ideas, Moral values which helps to make the right decisions in our daily life.</p>
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Publications

D Srilatha, **Dr. RVS Lakshmi Kumari**, Babitha Jain, "Analysis of Multi Area Load Frequency Control System with Hybrid Fruit Fly Algorithm," *Jour. of Adv Research in Dynamical & Control Systems*, Vol. 10, Issue 10, 2018, pp. 2669- 2678.

Devendra P, ASLV Tummala, got acceptance for the paper "Implementation of Grasshopper Optimisation Algorithm for Closed Loop Speed Control of a BLDC Motor Drive," *Int. J. Swarm Intelligence*, vol X.

S.Suneetha, **K. L. Sai Prasad** and G.V.S.R. Deekshitulu, "Ricci Pseudo-Symmetric Para Kenmotsu Manifolds", *New Trends in Mathematical Sciences*, 6(1), 99-105, 2018. ISSN: 2147-5520. (online).

M.Swapna, N.Sudhakar, "A Hybrid Model for Rainfall Prediction Using Both Parameterized and Time Series Models", *International Journal of Pure and Applied Mathematics*, Volume 119, Special Issue, PP. 1549-1556, July, 2018.

Hari Krishna.P, **G.Sudheer** and Y.Vasudeva Rao, "Free Longitudinal Vibrations of Functionally Graded Tapered Axial Bars by Pseudo Spectral Method," *J.Vibroengineering*, 20(5), 2137-2150, 2018.

G.Sree Lakshmi, **Ch.Sirisha**, "Machine Learning in Automated Intelligent Surveillance System" in *International Journal of Electrical Communication Engineering*, Vol(4), No:1, 2018.

B.Vijayalakshmi ,P.Siddaiah, "Non Cooperative Game Theory-Cognitive Radio", *Journal Of Wireless Communication, Networks and Mobile Engineering Technology* Volume 3, Issue 1, 2018.

B.Vijayalakshmi ,P.Siddaiah, "Anfis Based Power Control for Cognitive Radio", *Journal Of Wireless Communication, Networks And Mobile Engineering Technology* Volume 3, Issue 1, 2018.

B.Vijayalakshmi ,P.Siddaiah, "Cognitive Radio Spectrum Sensing Detection Methods Using Matlab Simulink", *Journal of Advances in Communication Engineering And its Innovations*, Vol.3, issue.2, 2018.

P.M.K.Prasad, M.N.V.S.S.Kumar, K.Chiranjeevi, "Design and Implementation of non-Perfect Reconstruction Biorthogonal Wavelets for Edge Detection of X-ray Images", *International Journal of Data Science*, (Inderscience Publishers, Switzerland) 50-67, vol.3, No.1, 2018.

L.Yamuna Rani, **P.V.K.Chaitanya**, "Smart Parking Management and Reservation System Based on PHP Web server", *International Journal of Electrical Communication Engineering*, vol.4, issue.1, 2018.

Conference Proceedings

D.V.A.N.Ravi Kumar, S.Koteswara Rao and K.Padma Raju, "Improved UKF With Time And Space Averaging Of Measurements," *Proceedings Of NCVSPICE2K18*, pp.147-150, JNTUK, Kakinada, 19th-20th July, 2018. ISBN: 978-93-85100-99-4, received the best paper award.

Workshops/Seminars/FDPs/Conferences Attended

P.SriVidya attended a **workshop**, organized by Department of EEE, GVP College of Engineering (A), AICTE-ISTE Refresher/Induction Program on "Solar PV Systems - Design and Performance Evaluation" during 25th - 30th June, 2018.

P. Sridevi, attended a One-Day Event "Women In Engineering"-Leadership Challenges for Professional Women (WIE) on 22nd July, 2018.

D.V.A.N.Ravi Kumar presented a paper in a Two- Day National Conference on "VLSI Design, Signal Processing, Image Processing, Communications and Embedded Systems" (VSPCE2K18) organized by JNTU-K, during 19th-20th July, 2018.

Department of ECE organized a **Three Day Workshop on "Custom Analogue & Digital IC Design Using Mentor EDA Tools"** during 27th to 29th Sept, 2018. The Chief Guest of the function was Prof.Dr.N.Balaji, HOD-ECE & Vice-Principal (Admn.), UCEN, JNTU, Narasaraopet, Guntur. About fifty candidates participated and received certificates.

College Events

Research Forum Lectures

- Mr.P V DileepBhumireddi, Asst Prof of ECE delivered a lecture on “Image Based Reconstruction Algorithms for Diffuse Optical Tomography” on 21st July, 2018
- Dr.P.Srinivasa Rao, Asst Prof of BS & H (Chemistry) delivered a lecture on “Chemical Speciation of Ternary Complexes of Co(II), Ni(II), Cu(II) and Zn(II) with L-Aspartic and Citric Acids in Neutral Micellar Medium' on 26th Sep, 2018.

Guest Lectures

Dr.G.V.Kumar, Additional Director& HOD, Warship Technology Wing, NSTL, Visakhapatnam, delivered a lecture on **Underwater Communication** to ECE students on 28th July, 2018.

Mr.Vijay.Kovilapu, Staff Research Scientist, Virtual Reality Applications Centre, Iowa State University, USA, delivered a talk on **VirtualReality** on 12th July, 2018.

Mrs.D.SumanKalyani, GM, Solar Energy, APEPDCL delivered a lecture on **PowerSectorScenario-RenewableEnergySources** on 28th July, 2018.

Sri.A.V.BalajiKumar, Engineering Manager, Chegg, Inc, delivered a lecture on **ProgrammingPrinciples** to II year CSE & IT students on 28th August, 2018.

Smt.P.Pratibha, Executive Director, Management Concepts, Washington DC, USA, delivered a lecture on **ImplementationofManagementConceptsinEngineering** to CSE students as part of the inauguration of COSCENGRS Club for the academic year 2018-19, on 28th August, 2018.

Dr.K.Chandrabhushana Rao, Professor & HOD, Dept. of ECE, JNTUK-Vizianagaram, delivered a series of lectures on outcome based education to the faculty of GVPCEW, on 8th, 9th June, and 4th August, 2018.

Dr. K.Srinivas, Artificial Intelligence Consultant of Media 3 International Pvt. Ltd.delivered a lecture on **ArtificialIntelligence&itsApplicationinBiometric** to CSE students on 22nd September, 2018.

Faculty Achievements

N.MangalaGowri, Asst.Professor, Physical Educationwas nominated as a member of university sports council of JNTUK, on 28th September, 2018.

Training / Certification

Mr. K.P.Naidu, Asst.Professor, Dept. of CSE, provided training in Android Programming and App. Development to the III year hostlers of the college. The training was given for six days in phases (23/7, 24/7, 30/7, 31/7, 13/8, 14/8). The students were trained to develop and deploy Apps. on Android Mobile Phones.

In association with reputed professional Training Institutes, **FACEAcademy**, **Talentio**, **SMART**, **EMERGE-Campus Recruitment Training** was provided to all the Final year students during June 2018- September 2018 in phases of 3 days for a total of 18 days.

Around 125 III B.Tech CSE & IT students were certified in the courses- Python for Data Science 101, Data Analysis with Python and Data Visualization with Python- from cognitive class. (<https://cognitiveclass.ai/>)

Around 29 students were certified by **NPTEL** in the areas of Data Structures and Algorithms Using Python Programming, Technical English for Engineers, Manufacturing of composite. Among them, 10 are Elite certified.

In association with a leading training institute of the city (**TIME**), Department of English conducted **training programme in Group Discussion** for selected students. Classescommenced on 29th June 2018 and concluded on 21 July 2018.

Department of English conducted an essay writing competition on the eve of GST day i.e. on 3rd July 2018. The topic of the **essay writing competition** was “Transforming India Through GST”. Forty students enthusiastically participated and the winners were given certificates on Independence Day.

Department of English has been conducting activity sessions for II year Computer Science Engineering students to enhance their communication skills. The main focus is on **oral presentations and Group discussions**. Twenty eight students registered for this activity and the session commenced on **23rd July 2018**. Activities are conducted on Monday, Thursday and Saturday from 4.10-5.00pm. During these sessions, students present their ideas on technical and non-technical topics.

Nada Bharati, the music club of GVPCEW was inaugurated on Saturday, the 4th August 2018 at 3 PM in the College Auditorium by **Smt Manda Sudha Rani**, one of the top ranking Carnatic Vocalists of AIR, Visakhapatnam. **Prof E V Prasad**, Principal presided over the meeting and Madam Smt M Sudharani was the chief guest. A cross section of the students from all branches, and faculty attended the inaugural session of the 'Music Club'. **P.SriVidya, Asst.Professor, Department of EEE** instructs the students on every Saturday from 4.10 pm to 5 pm in the college premises.

Engineers Day was celebrated at GVPCEW to commemorate the birth anniversary of the father of Engineering, Sri Mokshagundam Visweswarayya. **Technical Paper Presentation competition** was conducted to encourage research and innovation. The best papers in each of the five sections of ECE, CSE, EEE, IT and Basic Sciences were awarded cash prizes. The presentation papers that were in the prescribed format were published in the form of an annual Technical Magazine **INGENIEUR**. The magazine was released on 15th September by **Dr.D.V.L.N. Somayajulu**, Professor, Dept. of CSE, NIT Warangal.

Student Club Activities

COSCENGRS, the student association, Department of CSE was inaugurated for the academic year 2018-19, on 27th August, 2018 with a new body of students as executive members.

For The Academic year 2018-19, **ECLAT-A** the student club of ECE Dept. was inaugurated on 28th July, with a new body of students, taking charge

The student club of Department of EEE, "**TESLA**" was inaugurated for the current academic year on 28th July, 2018 with a new body of students assuming the office as executive members.

The Eco-Tech club carried out a series of activities to create awareness among the students on waste management and on the necessity of personal hygiene. A power point presentation on effective methods to reduce the usage of plastic was carried out on 25th September along with a Craft Exhibition.

Students news

Seventy students of whom 28 are from ECE, 30 from EEE, 7 from CSE, and 5 from IT have taken **IEEE student membership** until December 2019.

Four final year students P.KrishnaSreeRekha, N.NavyaSree, P.Giri Devi, and S.S.S.Harshitha participated in the **Master Orator Championship**, held at GITAM (deemed to be University) on 4th August, 2018.

Six students, K.Aishwarya, P.Sowmya, N.L.Navya Sri, P.Supraja, A.N.V.S.L.Aravinda and Shrabosti Bose have volunteered as team leaders of the college for carrying out voluntary service activities. Based on an idea floated by Dr.P.Rajaganapathigaru, Governing body, GVP, the students collected old clothes and the material was delivered to an NGO, Vizag Smiles.

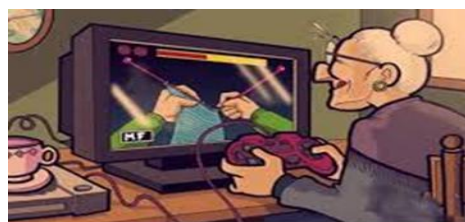
Sports News

I.NavyaSree(I-ECE), **K.Geetanjali Devi**(II-Ece), **G.Yernamma** of II CSE, participated in the trials to be selected for JNTU Kakinada Chess (women) Team on 30th September, 2018. G.Yernamma was selected to be a part of JNTUK Chess (women) Team to take part in **South Zone Inter-University Chess(women) Tournament** held at, Chennai from 13th-16th October, JNTUK Chess(women) team secured 8th position in the tournament.

K.Aishwarya (IV) participated in the trials to select JNTUK **Badminton** (women) team on 10th October, 2018.

SnehaAmarpu (III CSE) and N.R.SivaJyothi (III CSE) participated in the trials to be selected for JNTUK Table Tennis (women) team on 15th October, 2018.

In a Lighter Vein.....



Perfect video game for my grandma 😊

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