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 gunaas 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: 12	Issue:2	JULY 2020

There is nothing in the world so irresistibly contagious as laughter and good humor.
Charles Dickens

Vision of the Institute

To emerge as an acclaimed centre for learning that provides value based technical education for the holistic development of students

Mission of the Institute

• *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*

Contents

Laughter, the best medicine.
The current situation with world-wide corona lockdown which is affecting everything, we hope that you and your loved ones are doing everything to stay safe and sound during these unusually trying times. Humor is one effective way to beat the blues. Always try to laugh with, and not at, someone. Professor Rod Martin is a clinical psychologist who is an authority on the benefits of humor. Countless schemes have been derived to classify humor, of which his is one of the most well -known. He divided humor styles as either being benign or injurious. Along these lines, it is generally safer to laugh with each other, rather than at someone. Laughing at someone invokes the superiority theory of humor, which is socially dangerous, harmful, and detrimental to teams.

The exception to this rule, however, is the use of self-defeating humor. While this type of humor may not always fit into the workplace, showing self-vulnerability in challenging times may ease the tension of others around you. Because self-defeating humor may be interpreted as ineptitude, it is best reserved to be used among close colleagues as a means of lightening a moment and enhancing your relationship with the team.

Publications

Papers

1. B Uma Jagadeswari, D Harshitha, G Vineela, B Siri, **Yaragani Sowmya,** published a paper entitled "Plant Disease Prediction System using Image Processing" in "IJSRCSEIT" ISSN: 2456-3307 (May-June 2020)
2. **D.Indu**, K.Aishwarya, Ch.Lavanya, A.Mounika, A.Prathyusha, published a paper entitled "ALERT SYSTEM FOR DRIVER DROWSINESS USING RASBERRY PI" in "JETIR" ISSN: 2349-5162 (May 2020)
3. **G.Sankara Rao** ,Divya K,Sowmya, published a paper entitled "Text Summarization using Deep Learning" in "IJRTE" ISSN: 2278-3075 (May 2020)
4. G. Sankara Rao,Kambala Monica Sai, Haritha Chandrika P, Kasim Bebe, G. S Roja Pramila, published a paper entitled "Optical Character Recognition using CRNN" in International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9, Issue-8, June 2020.
5. **Suneetha Kandepi,** published a paper entitled "A Comparative Study on Student Academic Performance PredictionUsing ID3 and C4.5 Classification Algorithms" in "International Journal of Computer Science and Engineering(IJCSE)" E-ISSN: 2347-2693 (May2020)
6. **P.V.S.L Jagadamba**, K.S.S. Harshitha, G. Jayasree, B.S. Sameera, K.A. Varshini, published a paper entitled "Adaptive Frame Extraction and Action Recognition Using Deep Learning" in "Pramana Research Journal" ISSN: 2249-2976 (May 2020)
7. **D.Indu**, G.Lavanya ,K.V.S.S.Srinija, J.Pavani, Alim Sofia, published a paper entitled "DRUG INFORMATION EXTRACTION USING IMAGE PROCESSING" in JETIR, ISSN: 2349-5162 (April 2020)
8. P. Aishwarya, **M. Bhanu Sridhar**, L. Kavitha, published a paper entitled "Detection and Prediction of Frequent Diseases in India through Association Technique using Apriori Algorithm and Random Forest Regression" in "International Journal of Engineering Research and Technology" ISSN: 2278-0181 (April 2020)
9. **Dr.Guntu Nooka Raju, Dr.P.M.K.Prasad, Bethapudi Ratnakanth** published "Carrier frequency offset(CFO) Estimation in MC-CDMA System." **International Journal of Advanced Science and Technology,Volume-29, Issue-5,pp.5488-5501,May2020.**
10. **NVSV Vijaya Kumar , K. Raja Rajeswari, P. Rajesh Kumar** DOA Estimation of Wideband Cyclic MUSIC Algorithm under Rayleigh Fading Environment in MIMO Systems. **International Journal of Recent Technology and Engineering (IJRTE),Volume-9,Issue-1,pp.1834-1837,May2020.**
11. **P. Sirish Kumar, V. B. S. Srilatha Indira Dutt and L. Ganesh** Implementation of new navigation algorithm based on cross-correntropy for precise positioning in low latitude regions of South India". **International Journal of Speech Technology,Volume-23,Issue-4,pp.747-756,June2020.**

Workshops/Seminars/Presentations/FDPs

- ➢ **Dr. L Ganesh** attended an online FDP on Internet of Things from 10-04-2020 to 14-04-2020 organized by National Institute of Technical Teachers Training and Research, Chandigarh, MHRD, Govt. of India.
- ➢ **Dr. K Srinivasa Rao** participated in an FDP on Internet of Things from 20-04-2020 to 24-04-2020 (Online) organized by ATAL-AICTE, NITTR Chandigarh.
- ➢ An Online skill development Program on "Design, Implementation and Verification in VLSI" was attended by **Ms. G.P.S. Prashanthi** from 27-04-2020 to 01-05-2020 organized by Sandeepani School Of Embedded System Design, Bangalore.
- ➢ An FDP on SCILAB (A+ GRADE) was attended by **Ms.B.Divya Sathi** from 29-04-2020 to 3-05-2020 organized remotely by IIT Bombay.
- ➢ **Mr. K P Naidu** attended an Online Workshop on "Big Data Engineering" organized by Lendi Engineering College, Vizianagaram on 01-05-2020.
- ➢ An online Faculty Development Program on "Internet of Things" was attended by **Dr. PMK Prasad** from 07-05-2020 to 11-05-2020 organized by AICTE Training And Learning (ATAL) organized by National Institute of Technology Jamshedpur.
- ➢ **Ms. Y Sowmya** attended RPA Design and Development v1.0 Educator Readiness program conducted by UIpath academic alliance from 11-05-2020 to 20-05-2020.
- ➢ **Ms. K Suneetha, Mr. V Lakshman Rao** attended MathWorks Webinar on Deep Learning with MATLAB organized by Math Works on 14-05-2020.
- ➢ **A UDAYA KUMAR** attended a Two-day workshop on "Wired and Wireless Network Simulation using Network Simulator (NS-2)" organized by St. PETER'S ENGINEERING COLLEGE from 19-05-2020 to
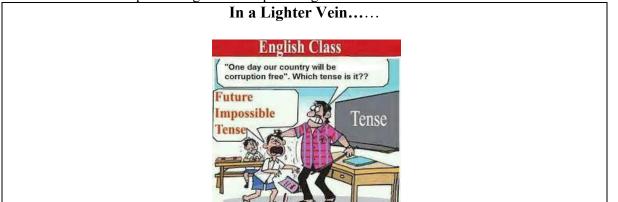
20-05-2020.

- **Mr. G Shankar Rao** attended an Online Session on Personal Financial Management by ICT Academy on 20-05-2020.
- **Mr. K P Naidu** attended an Online Workshop on "Advanced Python Programming using Django" organized by Data Point Solutions, Hyderabad from 21-05-2020 to 25-05-2020.
- **A UDAYA KUMAR** attended a Webinar on "Realization of wired and wireless network in network simulator 2" organized by VAAGDEVI College of Engineering from 22-05-2020 to 23-05-2020.
- **Mr. K P Naidu** attended a 5-Day National Level Online Faculty Development Program on Artificial Intelligence organized by NYCI&Brainvision Solutions from 22-05-2020 to 26-05-2020.
- **Ms. K Suneetha, Ms. V Gowtami Annapurna, Ms. B Vijaya Lakshmi** attended a 5-Day National Level Online Faculty Development Program on Artificial Intelligence organized by Sridevi Women Engineering College from 22-05-2020 to 26-05-2020.
- **Mr. K P Naidu** attended a One-week National level online FDP on "Artificial Intelligence and Machine Learning" organized by Geethanjali College of Engineering from 25-05-2020 to 30-05-2020.
- **Mr. K P Naidu** attended a 5-Day Online Faculty Development Program on Innovative Trends in Data Analysis with AI organized by Codegnan IT Solutions from 26-05-2020 to 30-05-2020.
- **Dr. M Bhanu Sridhar** attended a Webinar on Group Demo: Improving Cloud Security Posture Management with VMWare Secure State organized by VMWare on 27-05-2020.
- **Dr. N Sharmili** attended an FDP on Blockchain &its applications organized by Eduxlabs from 25-05-2020 to 29-05-2020.
- A one Week Online Faculty Development Programme on "Advanced Antenna Design using HFSS" organized by Dept. of ECE Santhiram Engg. College, Nandyal in collaboration with Varthaman College of Engineering, Hyderabad between 12-05-2020 to 17-05-2020 was attended by **Dr. DVAN Ravi Kumar**
- **Dr. N Sharmili** attended an FDP on Medical Data Analysis using Deep Learning organized by Eduxlabs from 01-06-2020 to 05-06-2020.
- A 5 Day FDP on "Cyber security " was attended by Dr. DVAN Ravi Kumar from 28-05-2020 to 01-06-2020 (Online) organized & conducted by Department of CSE ANITS Visakhapatnam and Computer Society of India in association with Supraja Technologies .
- **Dr. N Sharmili** attended an FDP on Blockchain &its applications organized by Eduxlabs from 25-05-2020 to 29-05-2020.
- **Ms. N Roopavathi** attended a webinar on Introduction Digital Transformation conducted by S.A. Engineering college Thiruverkadu, Chennai, on 23 May 2020
- A webinar on WEBINAR ON VLSI DESIGN AND VERIFICATION was delivered by **Mr.S.Ramanjaneya Reddy** conducted by Department of ECE, GVP College of Engineering for Women on 03-06-2020.
- A webinar on "Tools For Making Your Thesis Complete" was attended by **Dr. B Vijayalakshmi** Dept. of ECE organised by Usha Rama College of Engineering and Technology, Telaprolu, Andhra Pradesh, India. on 07-06-2020
- An international webinar on "Recent Trends in Wireless Communication" was attended by **Dr. PMK Prasad** on 07-06-2020 conducted by Dept. of ECE, R. C. Patel Institute of Technology, Shirpur, Maharashtra.
- A Webinar on "**Career Opportunities after B.Tech (CSE)" by ACE Academy, Visakhapatnam**
- The Department of IT along with the Department of CSE conducted a 5-day national level FDP on "Applications Of Image Processing And Machine Learning" from 22-06-2020 to 26-06-2020. **Mr CHVVD Prasad** Asst Professor from Dept of IT coordinated around 80 Faculty from GVP and other institutions.
- Mr S Sumahasan Asst Professor Dept of CSE , **Ms P SRIDEVI** Asst Professor Dept of IT &,**Mr. M SANTOSH** Asst Professor Dept of IT organized Webinar On "Full Stack Web Development" using MEAN technologies on **23/06/2020** under the aegis of CSI for all CSI registered students of 2nd & 3rd year B. Tech students. Faculty of IT and CSE also attended. **Mr. R D V SIVARAM** , Asst Professor JNTU, Vizianagaram was the resource person for the event.
- In June 2020, TCS offered a webinar on "Agile Methodology Importance using Jile"for our students. This software would be helpful to students undertaking projects commensurate with industry standards. 50 students of B.Tech CSE & IT registered from our college. Among them, 15 students of 2nd year of IT were formed into 3 teams. Each team was assigned a faculty to guide them using the Jile Software. As part of the training program, a webinar is conducted on 15-06-2020. The SPOC for this program is **Mr. BLV Vinay Kumar** from the IT Department.

College Events

- Dept. of ECE. conducted a Webinar on "**VLSI Design and Verification**" **Mr. Nagendra Bandi**, Senior Application Engineer, CoreEl Technologies (I) Pvt. Ltd., Bangalore was the resource person.
- **Sri M. Satya Prasad**, Assistant General Manager, BSNL-TP, Visakhapatnam delivered a lecture on **Evolution of New Mobile Technologies** for the students and faculty of the Dept. of ECE.
- The Department of CSE conducted **"Online Workshop on Python for Data Science"** for two weeks (30 hours) from **20-04-2020 to 4-05-2020**. 40 students from 2nd B.Tech CSE registered and e-certificates were provided to all participants. The resource persons are Dr. PVS Lakshmi Jagadamba and Mr. K Purushottam Naidu.
- **The Department of CSE** organized a webinar on **"Cryptography and Network Security"** on 04-06-2020 from 11:00 AM to 1:30PM. A total of 100 participants attended the webinar. E-Certificates are provided to all participants. The resource person for this webinar is Dr. R Padmavathy, Associate Professor, Department of CSE, NIT Warangal. She started her session with basics of Cryptography, algorithms of Symmetric and public Key Cryptography. In the end she concentrated on Security Threats, Security attacks and Security Mechanisms. Finally, her session concluded with an overview on research problems in Cryptography and Network Security.
- **Mr. K Purushotham Naidu** of the Department of CSE conducted an online quiz on "Machine Learning" from 10th-13th June, 2020.
- The Department of CSE organized an online webinar on "Career Opportunities after B.Tech (CSE)"on 19th May, 2020 by ACE Academy, Visakhapatnam.
- A webinar on Power Quality issues and Challenges in Microgrid was conducted by by **Dr. Sinivas Bhaskar Karanki**, Assistant Professor, School of Electrical Sciences, IIT Bhubhaneswar on 28-05-2020.
- An FDP on **Applications of Optimization Techniques in Electrical Engineering** was organized by the Dept. of EEE**.** The experts were **Dr Shankar Pedapati**, Assistant Professor, Department of EE, NIT AP, **Dr Siddarth Panda**, Professor, Department of EE, VSSUT, Burla, Odisha, Dr T V Dixit Principal and Head, Department of EE, Govt. Polytechnic College, Berla, **Dr Subhojit Ghosh**, Assistant Professor, Department of EE, NIT Raipur.

NPTEL Certification - Faculty

- **Ms. R.Jalaja** completed a Certificate Course on "Digital Teaching Techniques" from 29-Jun-2020 to 04-Jul-2020 organized by ICT Academy.
- **Ms.B.Divya Sathi** did a course on Coursera - Project Network - Image Classification With CNNS using KERAS from 16-Jun-2020 to 22-Jun-2020.
- **Dr.P.V.Dileep Bhumireddi** did an online course on Coursera on Neural Networks and Deep Learning from15-Jun-2020 to 28-Jun-2020
- **Mr. R Sunil Kumar** completed a course on Python basics from 15-Jun-2020 to 06-Jul-2020 offered by Coursera.
- **Mr. N V Maheswara Rao and Mr. KSA Naidu** did a course on Remote Sensing & GIS Technology and Applications for University Teachers & Government Officials during 13-Jun-2020 to 01-Jul-2020 organized by IIRS-ISRO Dehardun, India.
- **Mr. P V K Chaitanya** completed a Coursera course on The Arduino Platform and C Programming" from 04-Jun-2020 to 30-Jun-2020 organized by Coursera , University of California, Irvine.
- **Dr. B Vijayalakshmi** completed on 17-05-20 a 4 week certification course through Coursera on"Neural Networks and Deep Learning" from deeplearning.ai.

In a Lighter Vein……

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