



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]

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“It is not enough to do your best; you must know what to do, and then do your best”
W. Edwards Deming

<p><i>Vision of the Institute</i></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>	<p>As a common language to the planet, mathematics is an essential part of humankind’s cultural heritage. It is present in arts, music, and games, for human enjoyment and well-being. Further it is central to the efficient organization of societies for the benefit of all citizens. It optimizes transportation and communication networks and enables smart planning and management of health, economic, and social systems. Science and mathematics have a crucial role in steering decisions to promote peace and social justice. As the world faces, the COVID-19 pandemic, mathematics provided its models and tools to help us understand, monitor, and control the spread of the virus. It is also used to create weather forecasts and prepare for natural disasters. It warns us of climate change and helps us to anticipate and mitigate its consequences.</p> <p>One such pioneer is Srinivas Ramanujam Every year; December 22 is celebrated as National Mathematics Day in India in honour of mathematical genius Srinivasa Ramanujan (1887-1920). Dr. G. Sitarama Brahmam, Sr. Data Scientist, TCS Hyderabad stressed upon the Role of mathematics in engineering and referred STEM (Science, Technology, Mathematics and Engineering) as pillars of the growth during his virtual interaction with students of the 2020 admitted batch of students during their induction program.</p>
<p><i>Mission of the Institute</i></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 	
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Publications

(a) Books

- N.B. Venkateswarulu, Scratch 3.0 Primer for 8-10 Years Kids: A Bonanza for Kids and Teachers, Kindle Edition. <https://www.amazon.in/dp/B08KN4Q8HZ>

(b) Journals

- I.C. Sathisha, K. Manjunatha, Anna Bajorek, **B. Rajesh Babu**, B. Chethan, T. Ranjeth Kumar Reddy, Y.T. Ravikiran, V. Jagadeesha Angadi, “Enhanced Humidity Sensing and Magnetic Properties of Bismuth Doped Copper Ferrites for Humidity Sensor Applications” as **Journal of Alloys and Compounds (ISSN 0925-8388)**.
- Pasam Prudhvi Kiran, E. Laxmi Lydia, **N. Sharmili**, Ravuri Daniel, Dr. A. Krishna Mohan, “Efficient and Short-Range Forecasting Model for COVID-19 Time Series Parameters - Daily Confirmed Cases, Deaths, Recoveries”, **European Journal of Molecular & Clinical Medicine Journals, Volume: 63 Issue: 6**.

(c) Workshops/Seminars/Presentations/FDPs

- **Mr. A UDAYA KUMAR** attended a One Week Online Short Term Training Programme on “Machine and Deep Learning Techniques to Develop Artificial Intelligence Applications using Python” from 14-12-2020 to 19-12-2020 organized by VNR VJMET, Hyderabad.
- **Mrs. K. Rohini** attended AICTE Training And Learning (ATAL) Academy Online FDP on "Data Science using Python" from 23-11-2020 to 27-11-2020 organized by Government Polytechnic Gandhinagar, Gujarat.
- **Mrs. K. Rohini, Mr. A UDAYA KUMAR** attended AICTE sponsored STTP on "AI Powered Solutions for Healthcare Innovations" from 26-12-2020 to 31-12-2020 organized by **KCG College of technology**, Chennai, Tamil Nadu.
- **Ms. K. Rohini** attended an Interactive webinar on “Why Python is great for Machine Learning” organized by McGrawHillEducation with Featured Speaker being Anurag Gupta, IPS Officer, Jharkhand from 29-12-2020 to 29-12-2020.
- **Sri Vidya of EEE Department participated in an online FDP on “Solar PV Design Tool” by Mrs. organized by Nirvana Foundation, Bangalore” on 30-10-2020 .**
- **Mrs Sri Vidya attended an FDP on “Role of Electric Vehicles in Smart Cities Vision of India: Opportunities and Challenges” organized by Dept. of EEE, VVIT from 10-10-2020 to 26-10-2020 through online.**
- **Dr.RVS Lakshmi Kumari participated in an online FDP on “Applications of Power Electronics in Renewable Energy Systems” organized by Department of EEE in VVIT, Namburu sponsored by AICTE from 02-11-2020 to 14-11-2020.**
- **Dr.RVS Lakshmi Kumari took part in an FDP on “Research Opportunities through MATLAB” organized by VNR Vignan Jyothi Institute of Engineering and Technology, Hyderabad from 25-11-2020 to 28-11-2020 in online mode .**

- Dr.P.Devendra participated in an online FDP on Engineering Ethics (EE-2020) organized by Veer Surendra Sai University of Technology (VSSUT), Burla sponsored by AICTE from 21-11-2020 to 26-11-2020.
- **Mrs ASV Vijaya Lakshmi attended in a Workshop on “Automation and Intelligent Control of electrical Systems Phase-III” organized by Gudlavelleru Engineering College sponsored by AICTE from 16-11-2020 to 21-11-2020 through online.**
- Mrs.Sri Vidya attended an FDP on “**Advances in Power Electronics to Renewable Energy Systems and E-mobility Applications**” organized by Anurag University, Hyderabad, sponsored by AICTE from 16-11-2020 to 21-11-2020 online.
- Mrs.Sri Vidya participated in an online FDP on “Recent Trends in Power Electronics and IoT Applications to Electric Vehicles” organized by VVIT, Guntur, sponsored by AICTE from 23-11-2020 to 28-11-2020.
- Dr.A.Hema Chandra participated in an online FDP on “Advances in Power Electronics to Renewable Energy Systems and E-mobility Applications” organized by Anurag University, Hyderabad, sponsored by AICTE from 16-11-2020 to 21-11-2020.

(d) Department Activities

- **The Department of CSE** organized an online webinar on “Big Data Analytics” is organized on 28-11-2020. This webinar is organized in association with Industry Interaction Partnership Cell (IIPC). The Resource person is Mr. Rama Krishna Reddy Ranabothu who is working as Manager Projects, Cognizant Technologies. The coordinators for this webinar are Dr. P Devendra, Coordinator, IIPC and Mr. K Nagaraju, Assistant Professor, Department of CSE.

(e) Student News

- A team of the following students contested in the Smart India Hackathon 2020 and **won the CASH PRIZE of RUPEES ONE LAKH** from the Government of India
Team : Prodigies Topic: One Nation One Pension

Team Members :

1. Sindhu Saripella-17JG1A1245
2. Bhavani Chilukuri-17JG1A1214
3. Tejaswi Vegi-17JG1A1250
4. Manasa Mudunuri -18JG1A1224
5. Kamma Chaya Sresta-18JG1A1217
6. Ch Yasaswini Aishwarya-18JG1A1209

Guide : Mr. M.Santhosh, Asst Prof, Department of I T

- 2 students from the Dept. of CSE, Harika Kasimahanthi (18JG1A0546) and Jaya Preethi Chamarthi (18JG1A0537) participated in “Major League Hacking” organized by Google on 18th October,2020.

In a Lighter Vein.....



Editorial Team: Dr.Usha Ramani.V, Asst. Professor, Dr. Ch. Alekhya, Asst. Professor, 19JG1AO541- G. ANANDITA DAKSHAYANI, 19JG1AO562- K. SAI SINDHURA, 19JG1AO5B4- TVL PRATYUSHA, 19JG1A0575- M HARSHITA