



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]

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<p>“It has become appallingly obvious that our technology has exceeded our humanity.”</p> <p>Albert Einstein</p>

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

Vignettes
 Publications Workshops /
 Seminars/FDPs/Conferences
 College Events
 Students News
 In a Lighter Vein.....

The present Covid pandemic has brought to the fore the importance of science, technology and engineering in saving the lives of billions of people worldwide. We salute the vision of Indian scientists who realized the importance of establishing Centers of excellence to develop life - saving medicines in India.

Every year National Technology Day is observed on 11 May to highlight the important role of science in our daily lives and encourage students to opt for science as an option for a career. On this day Shakti, the Pokhran nuclear test was held on 11 May, 1998.

India today is known as ‘pharmacy of the world’ as Indian companies are supplying affordable drugs and vaccines to not only developing but also to developed countries. It has been a long journey from the time when Indian drug industry was dominated by foreign companies whose drugs were prohibitively costly. In order to break the hold of multinational corporations, the central government established Hindustan Antibiotics Limited in 1954 and then the Indian Drugs and Pharmaceuticals Limited (IDPL) with Soviet assistance. These public sector units – along with national laboratories like National Chemicals Laboratory (NCL), Regional Research Laboratory Hyderabad (now known as Indian Institute of Chemical Technology) and Central Drug Research Institute – played a central role in generating necessary knowledge base and human resources needed for Indian industry to grow. The Patent Act of 1970 recognised only process patents, paving the way for Indian companies to make copies of patented drugs using alternative processes. CSIR labs developed processes for a range of drugs and transferred the technology to private companies. Over next two decades, all this helped develop indigenous capabilities in both R&D and manufacturing. This is evident in the development of Covid vaccines in India. Serum Institute of India is the world’s largest vaccine manufacturer.

In memoriam

We deeply condole the demise of Mr.B. Ramesh (10-6-1978-,27-04-2021). He has rendered his services to the college in his capacity as Accountant since 2008.

Publications

Books

- A Book Chapter titled “Digital Divide and Computer Literacy Training for Indian Tribal Students” was published by **Dr. Ch. Alekhya** in **Advanced Educational Statistics and Research** of ESN publications.
- Three research publications of Dr. KL Sai Prasad have been accepted for publication as Book chapters in the book entitled “Current topics on Mathematics and Computer Science”.
- A book was published by Dr. N Sharmilli which she co-authored with E.Laxmi Lydia, **N.Sharmili** et al., titled “**Robust Digital Image Watermarking Approach for Secure Medical Data Transmission in Smart cities**” in Artificial Intelligence Applications for smart societies, Studies in Distributed Intelligence (Springer Nature Switzerland AG 2021) https://doi.org/10.1007/978-3-030-63068-3_15 eBook ISBN: 978-3-030-63068-3 DOI:10.1007/978-3-030-63068-3 Series 2662-3706.

Papers

- Dr. K. L. Sai Prasad published a Research Paper titled “On a class of Lorentzian para-Kenmotsu manifolds admitting the Weyl-Projective curvature tensor of type (1,3)” in the **Italian Journal of Pure and Applied Mathematics**, **45, 2021, 990-1001**.
- Dr. Ch. S. Lakshmi’s **research paper titled** “Super para-magnetism in nano-phased Nickel-Copper zinc ferrites” is under review in the Elsevier Journal, **Optik**
- **D K Bebarta** “Automatic Hate Speech Detection in English-Odia Code Mixed Social Media Data using Machine Learning Techniques” submitted to **Computing and Artificial Intelligence, Applied Sciences (Special Issues: Advances in Big Data and Machine Learning)**, MDPI, **Web of Science** (SCIE, IF: 2.474), Scopus (Cite Score: 3.00), under review

Workshops/Seminars/Presentations/FDPs

- **Ms. K ROHINI** attended CELONIS - Train the Trainers Session on “Process Mining and the EMS” organized By Celonis Academic Alliance in collaboration with ICT Academy on 26-04-2021.
- **Ms. K. ROHINI, Ms. K. Suneetha, Dr. PVS Lakshmi Jagadamba** attended **Microsoft Learn for Educators** program-Onboarding Session organized By ICT Academy in partnership with Microsoft on 30-04-2021.
- **Mr. S.SUMAHASAN** attended a webinar on Unreal Engine and Virtual Production Webinar conducted by GVPCEW-CEMS on 09-04-2021.
- **Mrs. P. Sridevi** attended a one-day webinar on “Effective Time Management” by Mr. Anil Kumar, Director, Capgemni on May 5, 2021.
- **Dr. M. Bhanu Sridhar** attended an online webinar AWS Migration Day organized by Amazon Web Services on 27-05-2021.
- **Mr. S. Sumahasan** attended a webinar on awareness of NEAT Scheme and AICTE Internship organized by AICTE on 16-06-2021.
- **Dr. PVS Lakshmi Jagadamba** attended WiDS Worldwide conference on Women in Data Science@Apptio 2021 organized by Apptio as part of annual event organized by Stanford University on 23-06-2021.

- **Mr. M. Santhosh** took a course on “Deep Learning A-Z: Hands on Artificial Neural Networks” offered by Udemy.
- **Mrs. P. Sridevi** attended “Future Volunteers Training: IEEE Volunteers Vision, Mission and Objectives”, conducted by IEEE VIZAG BAY SECTION on April 04, 2021.
- **Mr. M. Santhosh** attended an online course on “Power BI A-Z: Hands on Power BI Training for Science” by Udemy, from April 21 to April 24, 2021.
- **Mr. M. Santhosh** took an Online Course on “Learn to Host Multiple Domains on One Virtual Server” by Udemy, on April 23, 2021.
- **Mr. A. Srinivasa Rao** has attended a National Level 5-days online FDP program on “Metallurgical Aspects in Additive Manufacturing” conducted by from 19th to 23rd April, 2021.
- **Ms. P. Hema Latha** attended a one-day webinar on “Plastics Injection Mold Design and Development” conducted by Arasu Engg. College, Tamil Nadu on May 19, 2021.
- **Mr. A. Srinivasa Rao** attended a one-day webinar on “Super Alloys and Their Importance” conducted by Arasu Engg. College, Tamil Nadu on May 20, 2021.
- **Ms. P. HemaLatha** attended a one-day webinar on “Concept of Traditional Design in Mechatronics” conducted by Arasu Engg. College, Tamil Nadu on May 21, 2021.
- **Mr. A. Srinivasa Rao** attended a one-day webinar on “3DP, CAE and IOT Technology Enabled Product Engineering and Innovation Conclave” conducted by Arasu Engg. College, Tamil Nadu on May 21, 2021.
- **Mr. A. Srinivasa Rao** attended a one-day webinar on “Additive Manufacturing: Application, Challenges and Future Scope” conducted by Vignan Institute of Technology and Science, Deshmukhi, Telangana on May 22, 2021.
- **Mr. A. Srinivasa Rao** attended a one-day webinar on “Potential Multifold of Additive Manufacturing in India with Business Case Study” conducted by Arasu Engg. College, Tamil Nadu on May 24, 2021.
- **Mr. A. Srinivasa Rao** attended a FDP on “Recent Developments in Materials, Manufacturing & Thermal Applications” conducted by Karpagam Academy of Higher Education, Coimbatore from June 7 to June 12, 2021.
- **Dr. P. Srinivasa Rao** attended an FDP on “Advance Thermal Energy System” conducted by Bharat Institute of Higher Education and Research from June 21, 2021 to June 25, 2021.
- **Dr. Ch. Alekhya** attended an FDP on “Empowering Teaching Professionals” by Amrita University Mysore campus from June 14 to June 19, 2021.

College Events

- IEEE Student Branch Elections were conducted online on 21st May, 2021 and 27th May, 2021.
- The Department of CSE conducted a workshop on “Building a website using Django” by **Jaya Preethi Chamarthi** (18JG1A0537) and **Chebrolu Lakshmi Prasanna** (18JG1A0517) on 29th May, 2021.
- IEEE Student Branch Meeting was conducted online on 31st May, 2021.

- The Department of CSE organized a guest lecture on “Art of Machine Learning” on 24th June, 2021 by **Ms. Ekta Shah**, Senior Machine Learning Engineer, Quantiphi, Mumbai.

Students News

- S. Shreya(19JG1A0499) and V. Raghavi(20JG1A0418) attended Microsoft student ambassador organized by SHAPEAI on 14-Apr-2021.
- T.RamyaSree(20JG5A0416) , attended a Python course organized by GUVI on 29-Apr-2021.
- V. Raghavi(20JG1A0418) attended a Workshop on AI organized by APSSDC on 01-May-2021.
- M. S. Sanjuna (18JG1A0463) attended Face Recognition App Using Python Course organized by GUVI (AI-For – India Event) on 16-May-2021.
- B.Bhagyalaxmi (19JG1A0406) attended Workshop on AR &VR organized by SRM Institute of Science and Technology on 26-May-2021
- B. Bhagyalaxmi(19JG1A0406) , attended Webinar on AI organized by St.Joseph College of Engineering on 29-May-2021.
- G. Sandhya Rani(19JG1A0422) , attended Webinar on Slam Robotics organized by SCSVMV on 01-Jun-2021.
- M. S. Sanjuna(18JG1A0463) , attended Python course organized by Open EDG Python Institute on 14-Jun-2021

In a Lighter Vein.....



Editorial Team :Dr.Usha Ramani.V, Asst. Professor, Dr. Ch. Alekhya, Asst. Professor, G. Priyanka- 20JG1A0216, Susmitha- 20JG1A0224, N. V. Kiranmai– 20JG1A0473, P. Shyamala– 20JG1A0481, S. Keerthi- 20JG1A0493, G. Sravani- 20JG1A0527, M. Gautami- 20JG1A0561, Lathifunnisha- 20JG1A4232, T. Jayasree – 20JG1A4256