



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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When we tackle obstacles, we find hidden reserves of courage and resilience we did not know we had. And it is only when we are faced with failure do we realise that these resources were always there within us. We only need to find them and move on with our lives.– Dr. A.P.J.AbdulKalam

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
 Sports News
 In a Lighter Vein.....

The Secrets of the Cosmos

Cosmologists yearn to behold the unseen elements of our universe. And as new technologies become more powerful and precise, scientists are getting their wish—though these tools are challenging the limits of our imagination as fast as they are answering many longstanding questions. Space is one of the last great frontiers for modern man. A never-ending source of investigation and inspiration, it beckons to scientists with an irresistible siren’s call. And in this glorious age of cosmology, astronomical measurement has never been more precise. The power provided to us by extraordinary new observational mechanisms has shattered former suppositions and stimulated exciting new visions of the universe. Using modern instruments such as the Wilkinson Microwave Anisotropy Probe (WMAP), astronomers now have access to information about the age and composition of the universe. By providing greatly improved answers, high-resolution satellite data and novel telescopic techniques have transformed one of science’s most speculative fields into a triumph of meticulous and rigorous detection. Yet as the technological tools grow increasingly robust and we are able to see farther and know more, we find that we have even more questions. Could there be realms beyond ordinary space? Might time, space, and matter simply be illusions? What unique blend of cosmological factors influences life on Earth? Featuring interviews with leaders in the field as well as thought-provoking descriptions of their work, *Brave New Universe* is a guided tour of current advances and controversies in cosmology.

Publications

Books

N.B Venkateswarulu, **Matrix and Pattern Based Programming Puzzles Explored Fathomlessly**, Amazon Kindle Edition.

DK Bebarta, T K Das, **Intelligent Systems: Advances in Biometric Systems, Soft Computing, Image Processing and Data Analytics**, Apple Academic Press (USA).

Papers

M.Bhanu Sridhar, A.Koushik, "A Study of Big Data Analytics in Clouds with a Security Perspective", *International Journal of Engineering Research & Technology*, 6(1):5-9, 2017.

VVD Prasad Chelluri, BLVV Kumar, K.Purushotham, M. Santhosh, "Evaluation of Optimized Apriori Algorithm in Hadoop Distributed Mode" *International Journal of Engineering Research and Technology*, 6(6): 1136-1140, June 2017.

B.RajeshBabu, M. PurnachandraRao, P. S. V. SubbaRao, K. Rama Rao, B. Kishore Babu, "Structural and Magnetic Properties of Cu²⁺ Substituted Co–Zn Ferrite Nano Particles Synthesized by Sol–Gel Combustion Method" *Journal of Inorganic and Organometallic Polymers and Materials, SCI, Scopus, UGC*, 27(3) :612-621, May 2017.

P.Srinivasa Rao, Nageswara Rao Gollapalli, "Micellar Impact on Ternary Complexes Of Essential Metal Ions With Selective Bio-Ligands", *International Journal of Scientific Development and Research* 2(5):88-94, May 2017.

B.RajeshBabu, Prasad Manda, Kocharalakota Ramesh, "Role of Synthesis on Physical Properties of Ni_{0.5}Zn_{0.5}Fe₂O₄ Nanoferrite: A Comparative Study", *Journal of Superconductivity and Novel Magnetism, SCI, Scopus, UGC*, 30(6): 1609–1617, June 2017.

P. Srinivasa Rao, Nageswara Rao Gollapalli, "Speciation of Ternary Complexes of Co (II), Ni (II), Cu (II) and Zn (II) with Citric and Succinic Acids in Micellar Medium", *Journal of Advanced Chemical Sciences*, 3(2): 457–461, June 2017.

M.Charita, S.Manisha, R.Ramyasai, S.R.Ramani and **R.Jalaja**, "Continuous Motorcycle Handle Control Monitoring System" *International Journal Of Engineering Science And Innovative Technology (IJESIT)* 6(3), May, 2017.

G.P.S.Prasanthi, N. NavyaSirisha, N.Akhila Reddy, "Low Power Adiabatic Logic Design," *IOSR Journal of Electronics and Communication Engineering*, 12(1): 28-34, 2017.

Conference Proceedings

B.Vijayalakshmi, P.Siddiah,"Dynamic Spectrum Allocation Using Genetic Algorithms, National

Conference On Communications”, Antennas And Signal Processing – **2017**, Acharya Nagarjuna University, Guntur. *ANU Journal of Engineering & Technology* (ISSN: 0976-3414), 24th-25th March 2017.

B.Vijayalakshmi, P.Siddiah,” Spectrum Sensing Technique for Cognitive Radio, National Conference on Communications, Antennas and Signal processing”, Acharya Nagarjuna University, Guntur. *ANU Journal of Engineering & Technology* (ISSN: 0976-3414), 24th-25th March 2017.

AlekyaChalumuri, “Barriers of English Language Communication in Indian Tribal Students” *National Seminar Trends and Educational Opportunities of Scheduled Tribes in India* at AdikaviNannaya University, Rajamahendavaram, AP.ISBN: 978-93-86251-4, 12th &13th April 2017.

K.Srinivasa Rao, NagireddiRoopaVathi, “Opportunistic Subcarrier Allocation Scheme for FFR-aided LTE networks”, *International Conference on Trends in Electronics and Informatics ICEI 2017, SCAD College of Engineering and Technology* , 11-12, May 2017 at Tirunelveli, INDIA, IEEE xplore11-12, May 2017, DOI: 10.1109/ICOEI.2017.8300840.

V SreeVidhya, “Maximum Power Point Tracking of Photovoltaic Modules using Golden Section Search” *International Conference On Modern Technologies In Engineering And Science* (ICMTESI-2017), 2nd- 3rd June , 2017.

R.Anuradha, “Library Services in Engineering College Libraries: A Case Study National Conference Managing Libraries in Electronic Environment” Andhra University, Visakhapatnam, *Conference Proceedings “Information Technology in Libraries”* pp. 267-277. 29th -30th June 2017.

Workshops / seminars/ Conferences/FDPs Attended

N.Sharmili,“An IoT based Smart Object Picker UsingAndroid App“,IEEE International Conference on Communication and Signal Processing. ICCSP – 2017 AdhiParasakthi Engineering College, Melmaruvathur, TamilNadu, India.April 6th – 8th, 2017.

N.Sharmili“Comparative Analysis of Image Processing Algorithms for Visual Prosthesis” IEEE International Conference on Communication and Signal Processing, ICCSP – 2017 AdhiParasakthi Engineering College, Melmaruvathur, TamilNadu, India, April 6th – 8th, 2017

D.V.A.N.Ravi Kumar,“A Couple of Novel Stochastic Estimators Designed and Tested to Promote the Usage of Towed Arrays on the Regular Basis for Passive tracking”, ICAIECES-2017 and ICPCIT-2017, at Madanapalle Institute Of Technology And Science, 27th-29th April, 2017.

CHVVD Prasad, Y.Sowmya, D.Indu, V.Gowtami Annapurna, V.LakshmanaRao, **FDP on “Teach the Teachers Python”** from 8th May-2nd June,2017 at GVPCEorganized by SOLIVER LABS.

Students News

I.Manasa, K.C SaiVaralakshmi, BhavyaHarshita, Swathi.M, Chandrakala (1st), A.MohanaTulasi, participated in**Non-Formual Sanskrit Education 7th 4th April 2017, organized by RashtriyaSanskrit**

Sansthan.

V.Bhargavi, P. Jaya Varsini, participated in **HMI Engineering Services** on 1st&30thMay-2018, organized by Robo Coupler Techno Solutions.

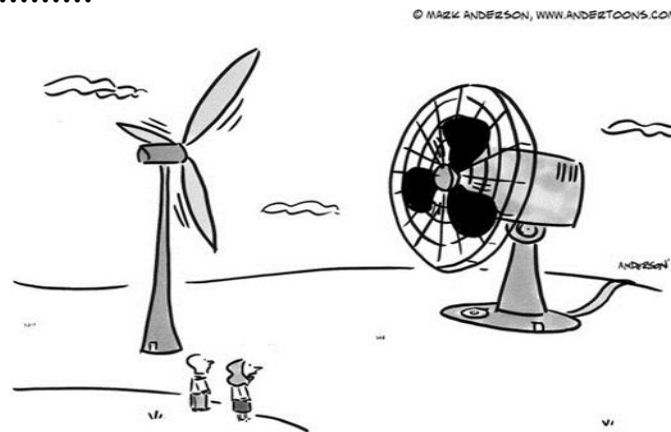
J Jyothsnapriya, participated in **Academia Collaborative Development Program**, on 3rd May 2017, organized by Biztime IT Solutions.

A.Sravani, A.M.Tulasi, P.KeerthiAkhila, A.Hanisha, V.Sandhya, V. Naga Lakshmi, D.Darshani, D. Veda Samhitha, G.Chandini, J.Grace, K.Sabhya, K.L.H. Chandana, A.Kusuma Sri, M.Aishwarya, A.JyothiHarika, A.Dhathrija, B.Poorna Sri, D.BhanuLalitha, B.L.Pravallika, Ch.Mounika, Ch.Haripriya, D.HimaBindu, D.Lalitha, D.D.V. Sravani, E.SriVallika, G.SivaBhargavi, G.Manisha, G.Jyothi, K.Anusha, K.Sowmya, L.Rachana, Nandini, Jayasree, Tripura Devi, P.Nandini, P.DivyaSree, P.Hemalatha, P.Sirisha, MeenaAkshara, P.Sowmya, P.SaiLaharika, S.Sai Sri Harshitha, S.Vyshanavi, Sheik.A. Leeshabegum, D.SreeMahalakshmi, Y.DeviSowjanya, B.Sreelekha, G.Sai Lakshmi, K.S.S. Likitha, K.V.L. Lavanya, G.Pushyami, G.Vineetha, K.SaiJyothi, A.Mohana, A.Hanisha, A.Sravani, Ch.Mounika, D.D.V.Sravani, G.SaiVaidehi, Tulasi, E.BinduBhargavi, B.Indrani, B.Evelyn, participated in **Association Of Electronics And Communication Engineers**, 8th May, 2017, organized by GVPCE (Autonomous).

N Tejaswi, participated in **Marketing Sales Management**, from 24th April To 3rd June 2017, Steel Plant.

AkhilaNallaparaju, participated in **CU Platform Solutions**, 5th May to 30th June, 2017, organized by Tech Mahindra Hyderabad.

In A Lighter Vein.....



"I dunno, kind of defeats the purpose, doesn't it?"