




GRIET/6C/G/19-20

EVENT SUMMARY REPORT

Griet/Other institutes/Organization Address:	Gokaraju Rangaraju Institute of Engineering & Technology, Bachupally, Hyderabad-500090, India				
Department	ECE	Professional Body		Institutional Body	
		IEI			
Nature of the Event (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extra curricular Activities)	Guest Lecture				
Title / Theme of the Event	Advances in Transform Techniques for Signal Analysis				
Details of the Coordinator & Designation	Dr. N. Arun Vignesh, Associate Professor/ECE				
Event Dates/Days	On	No. of Hrs			
	30-01-2020 10am to 12pm	2 Hrs			
Details of the Speaker / Guest Organization Address:	Dr. A. VENKATA RAMANA M.E.(ECE), Ph.D, MISTE, MIEI, MISCA, FIETE Senior Professor in GPT, Siddipet, Telangana Former Indian Telecommunication Service officer via IES				
Participants (Teaching Faculty / Non-Teaching Faculty / Students)	No. of Faculty	No. of UG students	No. of PG Students	No. of outside participants	Total Participants
	01	64	4	0	69
Faculty Names & Designation	Dr. N. Arun Vignesh, Associate Professor/ECE				

Summary of the Event	<p>Various transform techniques were presented by the speaker and their application on different layers were demonstrated via Matlab.</p>
IRG (in rupees)	
Expenditure (in rupees)	<p>Remuneration = Rs.5000/- TA : Rs.920*2 = Rs.1840/-</p>
POs attained with this Event (number and description)	
Photographs of the event (Hard copy and Soft copy)	



Proofs:

- 1.Certificates copies
- 2.Profile of Speaker
- 3.PPT/Material as applicable. etc.,

Profile of Speaker:

Profile of Dr. A. VENKATA RAMANA, M.E.(ECE), Ph.D, MISTE, MIEI, MISCA, FIETE.

Dr. A. VENKATARAMANA did his B.E., M.E., and Ph.D in Electronics and Communication Engineering from Osmania University, Hyderabad. He worked as **Indian Telecommunication Service (ITS) officer** (Selection through the prestigious Indian Engineering Service IES Examination), in the Department of Telecommunications, Government of India. He is presently working as **Senior Faculty in ECE in the Department of Technical Education**, Government Polytechnic, Siddipet, Government of Telangana. He has presented more than 40 papers in various IEEE, International, National Conferences and Journals. He proposed number of transforms such as radial Krawtchouk moments transform, Pollaczek Moments Transform, Krawtchouk velocity moments, Krawtchouk Chromaticity Distribution Moments etc. and concepts using polynomials which has practical applications in the areas of signal

processing, image processing, pattern recognition and computer vision. He also proposed faster algorithms for computation of various transforms. He has been awarded the state **Best Lecturer Award** from Government of Andhra Pradesh in the year 2007 for his distinguished services as a teacher in the department of Technical Education. He received **ISTE Best Polytechnic Teacher Award for Andhra Pradesh state** in 2010 from Indian Society for Technical Education, New Delhi for the outstanding contribution made to the teaching community and the students. Dr. A. Venkataramana have been honored with the national awards “**Bharat Shiksha Ratan Award**” and **Rashtra Ratan award in 2011** for contributions made for educational development . He was also awarded **ISTE AP Section Best Teacher Award in 2012** for the outstanding contribution made to the teaching community and the students. **Received Faculty in Excellence Award** in 2017. He has been awarded the prestigious **Rajarambapu Patil National Award** for Promising Engineering Teacher for Ceative work Done in Technical Education by Indian Society for Technical Education in 2018, Received **Best Research Award** for the paper “**Breast Cancer Detection using Tchebichef Moment Invariants and Support Vector Machine Classifier**”, presented in 47th ISTE National Annual Convention, Saintgits College of Engineering, Kottayam, Kerala in 2018, Received **Global Teacher Role Model Award** in 2018, He also Received **Pride of Nation Pratibha Samman Award** in 2018

He actively participated in Curriculum Development, Laboratory Development, acted as Skill Development Centre Coordinator and Resource Person. Prepared many video lessons. Wrote number of books, Trained students for competitive exams like GATE, IES and PSUs. Master Trainer in the department of Technical Education, Govt. of Telangana. Guided a number of B.Tech and M.Tech projects and guiding 2 Ph.D Research Scholars.

He has presented guest lectures and invited talks in ISTE- AICTE STTP training programs, seminars in various engineering colleges, conferences and workshops. Reviewer for IET Image Processing.

Dr. A. Venkataramana is a Fellow of The Institution of Electronics and Telecommunication Engineers (FIETE), Life member of Indian Society for Technical Education (ISTE), Life Member of Indian Science Congress Association (ISCA) and Life Member of Institution of Engineers, India. His areas of interests are Image Processing, Signal Processing, Pattern Recognition, Machine Learning, Computer Vision and Neural Networks.

Signature of Coordinator

Signature of HOD