



G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
(For Women)


AUTONOMOUS
Shaikpet, Hyderabad – 500104

Department of ECE

Faculty Development Program on “Channel Coding Techniques”
25th June to 30th June 2018

S.No	Name of the document	Status
1.	Proposal by the Coordinator/Convenor to Principal along with budget, and permission for the venue.	Yes
2.	Invitation to the resource person	Yes
3.	Acceptance along with the bio-data	NA
4.	Poster/brochure/Banner (Not photo)	Yes
5.	Programme schedule	NA
6.	Circular	NA
7.	Registration/Attendance of the participants	Yes
8.	Certificates (sample)	Yes
9.	All participants filled Feedback, analysis – action	Yes
10.	Resource person filled Feedback – plan of action	NA
11.	One page photos with atleast 6 with description as per the format	Yes
12.	Budget utilisation sheet	NA
13.	Press note/Newspaper publication	NA
14.	Single page report as per the format	Yes


Workshop Coordinator


PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104.


Dept HOD



INDIAN SOCIETY FOR TECHNICAL EDUCATION
(Under the Societies' Registration Act XXI of 1860)

Prof. Vijay D. Valdya
Executive Secretary, ISTE

ISTE/AICTE-ISTE FDP-1-3330438791/2018

March 12, 2018

Dear Sir/Madam,

Sub : Offer letter for conducting the AICTE-ISTE Induction/ Refresher Programmes under AICTE-ISTE MoU - regarding

It is my pleasure to inform you that the proposal submitted by you for the conduct of one week AICTE-ISTE Induction/Refresher Programmes titled "CHANNEL CODING TECHNIQUES" has been recommended and selected by the scrutiny committee.

It will be highly appreciated if you can communicate your willingness before 20th March, 2018 to conduct the programme in your institution as per the below-said guidelines as per the AICTE-ISTE MoU. Please note that the programme should be completed before July 31, 2018. The programme schedule will be displayed on the official website of ISTE and no change in date and title of the programme is possible at later. Hence, you are requested to finalise the programme dates and title considering all the related aspects.

1. The programme cannot be combined with any other professional body. The Principal sponsor will be AICTE-ISTE and no other major sponsors are allowed.
2. The duration of the program should be six working days (preferably from Monday to Saturday)
3. ISTE will do the certification of these programs jointly with AICTE.
4. The coordinator must be a full time regular faculty with adequate experience in teaching and research with publication.
5. The total sanction budget is Rs.3,00,000/- for 40 participants (budget should not exceed to Rs.3,00,000/- under any circumstances)
6. In case the event is cancelled, the funds will be returned back to ISTE immediately alongwith interest accrued on the amount of grant released.
7. A test should be conducted at the end of the programme and the certificates will be issued only for those participants who qualify the test.
8. The "Willingness Proforma" attached may be filled in and signed by Coordinator and Principal/Director of the Institution MUST reach this office positively before 20th March, 2018 by the fastest mode of communication.


PRINCIPAL

G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104.

AICTE-ISTE Sponsored Refresher Course on "CHANNEL CODING TECHNIQUES"

List of Resource Persons

S.No	Name of the Resource Person	Designation and Address	Contact Details
1	Dr. S. L. Maskara	Retired Professor, E&EC Department, IIT Kharagpur	maskara.shankar@gmail.com Contact No: 8902506581
2	Dr. B. N. Bhandari	Professor of ECE, Director, Academic & Planning, JNTU, Hyderabad	bnb@intuh.ac.in
3	Dr. G. V. V. Sharma	Asst. Professor, Electrical Engineering Department, IIT, Hyderabad	gadepall@iith.ac.in Phone: +91 (40) 23016108
4	Dr. Ubaidulla	Asst. Professor, Signal Processing & Communication Research Centre, IIIT, Hyderabad	ubaidulla.p@iiit.ac.in Phone: +91 (40) 66531000 Ext:1298
5	Dr. Sachin Chaudhari	Asst. Professor, Signal Processing & Communication Research Centre, IIIT, Hyderabad	sachin.chaudhari@iiit.ac.in Phone: +91 (40) 66531000 Ext:1363
6	Dr. Lalitha Vadlamani	Asst. Professor, Signal Processing & Communication Research Centre, IIIT, Hyderabad	lalitha.v@iiit.ac.in Phone: +91 (40) 66531000 Ext:1411
7	Dr. Prasad Krishnan	Asst. Professor, Signal Processing & Communication Research Centre, IIIT, Hyderabad	prasad.krishnan@iiit.ac.in Phone: +91 (40) 66531000 Ext:1446
8	Dr. P. Srihari	Professor, ECE Department, VNRVJIET, Hyderabad	posttopshari@gmail.com Phone: +91 (40) 2304 2758/59/60
9	Mr. Sanjeev Nimishakavi	Director, Engineering at Qualcomm, Hyderabad	sanjeevrn@yahoo.com
10	Dr. B. Venkateshulu	Professor & Head of ECE Department, GNITS, Hyderabad	ecehod@gnits.ac.in Phone: 9849417459

30/6/18
Dr. B. Venkateshulu
Professor & Head, ECE Dept
Coordinator & Convenor.

[Signature]
Dr. K. Ramesh Reddy
Principal, GNITS

[Signature]
PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104.

BRIEF BIODATA OF SPEAKERS & COORDINATORS

1) Shankar Lal Maskara, Retired Professor, E&EC Department, IIT Kharagpur



Qualifications:

- Ph.D. in Electronics & Electrical Communication Engineering (1976/77, IIT Kharagpur).
- M.E. in Electrical Communication Engineering (1964-1966, IISc Bangalore).
- B.Sc. Engineering in Telecommunication Engineering (1959-1963, DIT Sindri, Ranchi University).

Work Experience : (Total : 46 years)

- Dean of Academics & Research at Jaypee Institute of Information Technology, Noida, (05 yrs: 2006 - 11).
- Distinguished Professor at L.N.Mittal Institute of Information Technology, Jaipur, (One year: 2005 - 06).
- Distinguished Professor at Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, (One year: 2004 - 05).
- Professor/Assistant Professor/ Lecturer in the Electronics and Electrical Communication Engineering Department of the Indian Institute of Technology, Kharagpur, (38 years : 1966 - 2004).
- Assistant Professor/ Lecturer in the Telecommunication Engineering Department at Bihar Institute of Technology, Sindri, Jharkhand, (One year:1963 - 64).

Research Interests Include:

Telecommunication Switching, Systems & Networks; Wireless, Mobile, Satellite, Optical & Computer Communications & Networking; Spread Spectrum, Error Control Coding & Multiple Access including CDMA Techniques; Engineering Education including Curriculum Planning and Design.

Professional Membership:

- Life Senior Member of the IEEE;
- Life Fellow of the IETE;
- Life Fellow of the IE (India);
- Life Senior Member of the CSI;
- Life Member of the ISTE.

PhD Guidance, Sponsored Research, Publications, Awards etc.:

- (i) Successfully guided and supervised many PhDs
- (ii) Successfully completed many national level sponsored R & D Projects
- (iii) Co-authored close to 150 journal / conference research papers
- (iv) Co-authored a text book, prepared video lecture courses, developed a web course, edited journal special issues, reviewed books & research papers, examined many PhD theses
- (v) Delivered many invited lectures and organized many conferences and Short term courses
- (vi) Recipient of many awards / recognitions
- (vii) Founder Chairman of G S Sanyal School of Telecommunications at IIT Kharagpur.

PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104.

2) Dr.B.N Bhandari, Professor of ECE, Director, Academic & Planning, JNTU, Hyderabad.



Qualification

PhD from IIT, Kharagpur

Areas of Interest:

Wireless Communications and Networking, Digital Communications, Probability and Stochastic Processes, Computer Networks, Optical communications, Digital Signal Processing, VLSI Signal Processing, Ad-Hoc and Sensor Networks.

Administrative Positions Held

- Worked as Deputy Warden, JNTUH College of Engineering, Hyderabad
- Additional Controller of Examinations, JNTU, Hyderabad, 18 August 2010 – 30 September 2013

PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104.

3) Dr G V V Sharma, Asst. Professor, Electrical Engineering Department, IIT, Hyderabad



Qualification:

- PhD in Electrical Engineering from IIT, Bombay
- M.Sc.(Engg.) from Indian Institute of Science, Bangalore.
- B.Tech from Indian Institute of Technology, Guwahati.

Work Experience:

Worked in software industry on wireless technologies, but had a passion for developmental engineering: taking technology to the masses.

Few Journals & Conferences:

- VSS Praneeth Varma G, Rayapati Sushma, Vandana Sharma, Abhinav Kumar & G V V Sharma, " Power Allocation for Uniform Illumination with Stochastic LED Arrays", Accepted. To be appeared in Optics Express.
- Sachin Kumar, A Rathnakar and G V V Sharma, "On the Linear Combination of Gamma Conditionally Gaussian Distributions with Application to Decode and Forward Cooperation", IEEE VTC. Spring, May 2015.
- Y Aditya, G V S S Praneeth Varma and G V V Sharma, "Maximum Likelihood Detection for Decode and Forward Cooperation with Interference", NCC, March 2015.
- Abhijeet Jain, G V V Sharma, U B Desai and S N Merchant, "Exact Analysis of the Piecewise Linear Combiner for Decode and Forward Cooperation with Three Relays, " IEEE Transactions on Wireless Communications. Volume 10, Issue 8, Aug. 2011.
- G V V Sharma, " Exact Error Analysis for Decode and Forward Cooperation with Maximal Ratio Combining ," National Conference on Communicaitons (NCC), Jan 2011.
- Abhijeet Jain, G V V Sharma, Uday B. Desai and S. N. Merchant, " Exact Error Analysis for the Piecewise Linear Combiner for Decode and Forward Cooperation with Two Relays ," National Conference on Communications (NCC), Jan 2011.
- G V V Sharma, U B Desai and S N Merchant, "Conditionally Gaussian Distributions and their Application in the Performance of Maximum Likelihood Decode and Forward Cooperative Systems ." IEEE Transactions on Wireless Communications, Volume 10, Issue 1, Jan. 2011.
- A Rathnakar and G V V Sharma, " Performance Analysis of lambda-MRC Decode and Forward Cooperation in Nakagami-m Fading for Arbitrary Parameters," Malaysia International Conference on Communicaitons (MICC), Nov, 2010

PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104.

- 4) Dr. Ubaidulla P, Asst. Professor, Signal Processing & Communication Research Centre, IIIT, Hyderabad



Qualification:

- Ph.D. degree in Electrical Communication Engineering from IISc, Bangalore in 2011
- ME degree in Communication Engineering from NIT, Trichy, in 2001
- B.Tech degree in Electronics & Communication Engineering from NIT, Calicut, in 1997

Work Experience

- Post Doctorial Fellow with the Computer, Electrical and Mathematical Sciences and Engineering (CEMSE) division of King Abdullah University of Science and Technology (KAUST)
- Member of Research Staff at Central Research Lab of Bharat Electronics Ltd (BEL)
- Currently Assistant Professor at Signal Processing and Communication Research Center (SPCRC), IIIT, Hyderabad

Research Interests include:

Broad area of Signal Processing for Wireless Communications, Wireless power transfer, Millimeter wave communications, and multiple access schemes for 5G networks

Professional Memberships:

- Senior Member of IEEE
- Recipient of Visvesvaraya Young Faculty Research Fellowship of Ministry of Electronics and IT

Few Journals & Conferences:

- P. Ubaidulla, and S.Aissa, "Robust Two - Way Cognitive Relaying: Precoder Designs under Interference Constraints and Imperfect CSI", in *IEEE Transactions on Wireless Communications*, 2014
- S. S. Ikki, P. Ubaidulla, and S. Aissa, "Performance Study and Optimization of Cooperative Diversity Networks with Co-Channel Interference", in *IEEE Transactions on Wireless Communications*, 2014
- Deepa Jagyasi, and P. Ubaidulla, "Leakage-Based Hybrid Transceiver Design for Millimeter Wave Multi-User Interference Channel", in proc. at *IEEE Globecom Workshop*, Singapore, 2017.
- Deepa Jagyasi, and P. Ubaidulla, "Joint Hybrid RF/Baseband Transceiver design for Multi-User MIMO Downlink in Millimeter Wave Communication System", in proc. at *IEEE International Symposium on Personal, Indoor and Mobile Radio Communication (PIMRC)*, Montreal, Canada, 2017.
- Deepa Jagyasi, and P. Ubaidulla, "Energy-Efficient Hybrid Transceiver Designs for Millimeter Wave Communication Systems", in proc. at *IEEE 86th Vehicular Technology Conference (VTC'2017-Fall)*, Toronto, Canada, 2017.
- Nachiket Ayir, and P. Ubaidulla, "Full-Duplex Two-Way MIMO Relaying System: Transceiver Design and Review of Physical Layer Security", accepted in *5th IEEE Global Conference on Signal and Information Processing (GlobalSIP 2017)*, Montreal, Canada, 2017.
- Nachiket Ayir, and P. Ubaidulla, "Relay Selection and Residual Self-Interference Mitigation for Cognitive Full-Duplex Two-Way MIMO Relaying System", accepted in *28th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (IEEE PIMRC 2017)*, Montreal, Canada, 2017.
- M.Prudhvi Deep, Shubham Jain, and P.Ubaidulla, "Optimal Resource Allocation and Relay Selection for Self-Sustainable Relaying Networks", in *Vehicular Technology Conference (VTC' Spring)*, 2017 ISI 85th, 2017, pp : 123 - 456

PRINCIPAL

G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104.

- 2
- 5) Dr. Sachin Chaudhari, Asst. Professor, Signal Processing & Communication Research Centre, IIT, Hyderabad



Qualification:

PhD with Prof. Visa Koivunen at Department of Signal Processing and Acoustics, Aalto University, Finland in 2012, During 2007-2012

M.E.(Telecommunication) from Indian Institute of Science, Bangalore, India in 2004. During 2004-2007

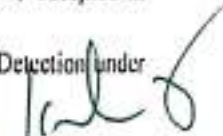
B.E.(Electronics) from Visvesvaraya National Institute of Technology, Nagpur, India in 2002

Work Experience:

- Worked at Esquebe Communications, Bangalore which was a start-up by IISc Professors, as a Senior Wireless Communications Engineer. At Esquebe, worked on development and implementation of wireless systems such as WLAN, WiMAX, and TDD-SCDMA.
- During 2007-2012, PhD with Prof. Visa Koivunen at Department of Signal Processing and Acoustics, Aalto University (formerly Helsinki University of Technology (TKK)). Department of Signal Processing and Acoustics at Aalto is part of SMARAD (Smart and Novel Radios Research Unit) Center of Excellence in Research nominated by Academy of Finland.
- During 2008-2010, was part of EU FP7 project called Sensor Networks for Dynamic and Cognitive Radio Access (SENDORA).
- Between 2013-2014, was a post-doctoral researcher at Aalto University where he worked on the Phase 2 of a Tekes (Finnish funding agency) funded project called Enabling Methods for Dynamic Spectrum Access and Cognitive Radios (ENCOR 2). Since December 2014, I am working as an Assistant Professor at IIT-Hyderabad.

Few Journals & Conferences:

- P. Gohain, S. Chaudhari, V. Koivunen, "Cooperative Energy Detection with Heterogeneous Sensors under Noise Uncertainty: SNR Wall and use of Evidence Theory," accepted in *IEEE Trans. on Cognitive Commun. and Netw.*
- S. Chaudhari, M. Kosunen, S. Mäkinen, C. Ramanathan, J. Oksanen, M. Laatta, V. Koivunen, J. Ryyänen, and M. Valkama, "Spatial Interpolation of Cyclostationary Test Statistics in Cognitive Radio Networks: Methods and Field Measurements," in *IEEE Trans. on Vehicular Tech.*, Vol. 67, No. 2, Feb. 2018.
- K. Sankhe, S. Chaudhari, G. Rama Murthy, "Distributed spatial modulation with dynamic frequency allocation," in *Elsevier Physical Communication*, Volume 23, June 2017, Pages 65-75.
- Singh, P. Gohain, and S. Chaudhari, "Cooperative Sensing of OFDM Signals Using Heterogeneous Sensors," accepted in *NCC*, Hyderabad, Feb. 2018
- M. Latha, P. Gohain, and S. Chaudhari, "Low Complexity Two-Stage Sensing Using Energy Detection and Beamforming," accepted in *NCC*, Hyderabad, Feb. 2018
- U. Keesara, and S. Chaudhari, "Autocorrelation-Based Spectrum Sensing of FBMC Signal," accepted in *COMSNETS*, Bengaluru, Jan. 2018
- P. Gohain, S. Chaudhari, and V. Koivunen, "Evidence Theory based Cooperative Energy Detection under Noise Uncertainty," in *IEEE Globecom*, Singapore, Dec. 2017


PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104.

- 6) Dr. Lalitha Vndlamani, Asst. Professor, Signal Processing & Communication Research Centre, IIT, Hyderabad



Qualification:

- Ph.D. Electrical Communication Engineering, 2015 from Indian Institute of Science, Bangalore
Thesis: Coding Schemes for Distributed Subspace Computation, Distributed Storage and Local Correctability
- M.E. (Signal Processing) Electrical Engineering, 2005 from Indian Institute of Science, Bangalore
Thesis: Subspace based Direction of Arrival Estimation in Impulsive Noise using Fractional Lower Order Statistics
- B.E. Electronics and Communication Engineering, 2003 from Osmania University, Hyderabad

Work Experience:

- Conexant Systems India Private Limited, Noida, Sept 2006 - July 2008
Project: Baseband System Design for MOCA (Multimedia Over Coaxial Alliance) chip
- Qualcomm India Private Limited, Hyderabad, Jan 2006 - Aug 2006
Project: Development of Signal Processing Algorithms for Qualcomm's DSP platforms.
- Honeywell Technology Solutions Lab, Bangalore, Aug 2005 - Dec 2005
Project: Predictive Trend Monitoring and Diagnostics of Auxiliary Power Unit (APU) in aircrafts.

Research interests include:

Information Theory, Signal Processing, Distributed Storage Systems, Wireless Sensor Networks, Coding Theory

Few Journals & Conferences:

- "Rate 1/3 Index Coding: Forbidden and Feasible Configuration", Lalitha. V. and Prasad Krishnan, Appeared in Proceedings of *IEEE International Symposium on Information Theory (ISIT)* 2017, held at Aachen, Germany, June 25-30, pp. 3070-3074
- Govinda M. Kamath, N. Prakash, V. Lalitha, P. Vijay Kumar, "Codes with Local Regeneration and Erasure Correction", *IEEE Transactions on Information Theory*, vol. 60, no.8, pp.4637-4660, Aug. 2014.
- V. Lalitha, N. Prakash, K. Vinodh, P. Vijay Kumar, S. Sandeep Pradhan, "Linear Coding Schemes for the Distributed Computation of Subspaces," *IEEE Journal on Selected Areas in Communications, Special Issue on In-Network Computation: Exploring the Fundamental Limits*, vol.31, no.4, pp.678-690, April 2013.
- N. Prakash, V. Lalitha, and P. Vijay Kumar, "Codes with Locality for Two Erasures," in *Proc. IEEE International Symposium on Information Theory (ISIT)*, July 2014.
- M. Nikhil Krishnan, N. Prakash, V. Lalitha, Birenjith P. S., P. Vijay Kumar, Srinivasan Narayanamurthy, Ranjit Kumar and Siddhartha Nandi, "Evaluation of Codes with Inherent Double Replication for Hadoop," in *Proc. USENIX HotStorage*, June 2014.
- Govinda M. Kamath, N. Prakash, V. Lalitha, and P. Vijay Kumar, "Codes with Local Regeneration," in *Proc. IEEE International Symposium on Information Theory (ISIT)*, July 2013.
- Govinda M. Kamath, Natalia Silberstein, N. Prakash, Ankit Singh Rawat, V. Lalitha, Onur Ozar Koyluoglu P. Vijay Kumar and Sriram Vishwanath "Explicit MBR All-Symbol Locality Codes", in *Proc. IEEE International Symposium on Information Theory (ISIT)*, July 2013.
- N. Prakash, Govinda M. Kamath, V. Lalitha, and P. Vijay Kumar. "Optimal Linear Codes with a Local-Error-Correction Property," in *Proc IEEE International Symposium of Information Theory (ISIT)*, Cambridge, MA, July 2012.

- 7) Dr. Prasad Krishnan, Asst. Professor, Signal Processing & Communication Research Centre, IIT, Hyderabad



Qualification:

- PhD degree from IISc, Bangalore in the year 2014
- B.Tech degree in ECE from the Anna University, Chennai in the year 2007

Work Experience:


Asst. Professor at IIT, Hyderabad in Signal Processing & Communication Research Centre

Research Interests include:

Codes for Broadcast Channels (Coded Caching and Index Coding), Group Testing, Codes for DNA Storage, Error Correcting Codes for Visual Pattern Recognition

Key Journals & Conferences:

- "Optimal Index Codes via a Duality between Index Coding and Network Coding", Ashok Choudhary, Vamsi Krishna Gummadi, Prasad Krishnan, To appear in Proceedings of the National Conference on Communications 2018, held at Hyderabad, India, 25-28 Feb.
- "Index Coding: Rank-Invariant Extensions", Vamsi Krishna Gummadi, Ashok Choudhary, Prasad Krishnan, To appear in Proceedings of the National Conference on Communications 2018, held at Hyderabad, India, 25-28 Feb.
- "An Improved Secretive Coded Caching Scheme exploiting Common Demands", Hari Hara Suthan C. Ishani Chugh, Prasad Krishnan, Appear in the Proceedings of IEEE Information Theory Workshop (ITW) 2017, Kaohsiung, Taiwan, Nov 2017.
- "Uniprior Index Coding", Vijaya Kumar Mareedu and Prasad Krishnan, Appeared in Proceedings of IEEE International Symposium on Information Theory (ISIT) 2017, held at Aachen, Germany, June 25-30.
- "Rate 1/3 Index Coding: Forbidden and Feasible Configurations", Lalitha V. and Prasad Krishnan, Appeared in Proceedings of IEEE International Symposium on Information Theory (ISIT) 2017, held at Aachen, Germany, June 25-30.
- "A class of index coding problems with rate 1/3", Prasad Krishnan and Lalitha V., Proceedings of IEEE International Symposium on Information Theory (2016), July 10-15.
- "A Matroidal Framework for Network-Error Correcting Codes", K. Prasad and B. Sundar Rajan, IEEE Transactions on Information Theory, Vol. 61, Issue 2, Feb. 2015.
- "Network-Error Correcting Codes using Small Fields", K. Prasad and B. Sundar Rajan, IEEE Transactions on Communications, Vol. 62, No. 2, Feb. 2014.
- "Precoding techniques for Network Alignment using Transform Approach for Acyclic Networks with Delay", Teja Bavirisetti, Abhinav Ganesan, K. Prasad, and B. Sundar Rajan, IEEE Transactions on Information Theory, Vol. 60, Issue 10, Oct. 2014.


PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 560 104.

8) Dr. P. Srihari, Professor, ECE Department, VNRVJIET, Hyderabad



Qualifications:

- Ph.D in 2007 on Error Control Coding
- MTech in 2001 on Digital Systems and Computer Electronics

Work Experience:

Teaching: 27 years

Research: 04 years

Research Interests include:

Communication Engineering and Signal processing

Books published as single author or as editor:

- An Introduction to Principles of Digital Communication Engineering – LAXMI Publications, New Delhi
- Probability Theory and Stochastic Processes – Hi Tech Publishers, Hyderabad.
- Communication Theory – Hi Tech Publishers, Hyderabad

Few Journals & Conferences:

- "A Comparative study on synchronization Algorithms for various modulation techniques in GSM" Page Nos.38-44, *International Journal of Computer Engineering and Technology* Volume 6, Issue 2, February (2015) 0976-6367. 8.9958 Indexed International journal
- "Multiplication Codes-A Multiple Error Correcting Binary Channel Coding Scheme", *International Journal of Applied Engineering Research*, Page Nos.8857-8873 0973-4562, SCOPUS Indexed International journal
- "MPTT based Auto Integrated Dust Control and Efficient cooling Mechanism for improving the efficiency of Photovoltaic based system", *Indian Journal of Science and Technology*, 0974-6846, 0.68 Scopus Indexed International journal
- "Low Power TPC using BSLFSR" Page Nos.759-767, *International Journal of Engineering and Technology*, Vol.8, No.2 0975-4024, Scopus Indexed
- "Test Vector Generation using Genetic Algorithm for Fault-Tolerant Systems" *Conference on Human Computer Interactions*, International conference, 10-11 March 2016
- "Development and Implementation of MPPT algorithms for Energy efficient solar Photovoltaic System using fuzzy logic controller Conference on Electrical Computer and Electronics" (UPCOE) International Conference, 4-6, Dec 2015
- "Intended Interference Lenient Secure Spectrum Sensing by Prominence state" *Conference on Industrial Instrumentation and Control International*, 28-30, June 2015, (UPCOE) International Conference, 4-6, Dec 2015
- "Analysis of Test Sequence Generators for Built-In Self- Test Implementation", *Conference on Advanced Computing and Communication Systems*, International Conference, 05.07 Jan 2015

G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Straddles, Hyderabad - 500 104.

9) Mr. Sanjeev Nimishakavi, Director, Engineering at Qualcomm, Hyderabad

2



Qualification:

- M.Tech. from Indian Institute of Technology, Bombay in the Field of Communications Systems Engineering
- B.Tech. from Indian Institute of Technology, Kanpur in the Field of Electrical Engineering
- AISSSC from Kendriya Vidyalaya in the field of Mathematics, Physics and Chemistry

Working Experience

- Director, Engineering at Qualcomm, Hyderabad Area, India, during Mar 2011 – Present working on Modem Physical Layer Firmware Lead
- Principal Engineer/Manager at Qualcomm during Mar 2005 – Feb 2011 on Audio Project Engineer in the India Office
- Manager. R & D at D-Link India
- Sr Software Engineer (DSP) at Motorola PCS

Volunteer Experience

- Chair of the Joint COMSOC/SPS Chapter of IEEE Hyderabad Section, IEEE
- Guest Lecturer at Indian Institute of Technology, Hyderabad

PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Chaitanyam, Hyderabad - 500 104.

10) Dr. B.Venkateshulu, Professor & Head of ECE Department, GNITS, Hyderabad
Convener and Coordinator of the AICTE-ISTE Refresher course on "Channel Coding
Techniques"



Qualification:

- B.Tech in 1989 from JNTU in Electronics and Communication Engg.
- M.Tech from S.V University, Tirupati.
- PhD from JNTU Hyderabad.

Work Experience:

- He has a rich teaching experience of 26.5 years & worked in prestigious Engg. Colleges such as MIT Manipal, R.V.College of Engg., Bengaluru etc.
- He has an experience in NBA, ISO certifications and is in-charge of Training and Placement division

Few Journals & Conferences:

- "Development of wireless channel simulator using LAB VIEW", Dr. B.Venkateshulu, 6th International conference on emerging trends in engineering, Technology, science and management, Oct.2017, ISBN: 978-93-86171-70-2
- "Effective Utilization of Water in Agriculture using WSN in IOT Environment", Dr.B.Venkateshulu, IJIRSET-International Journal, 2016'Nov, 6.209(SJIF), DOI:10.15680/IJIRSET.2016.0511049
- "To Estimate various parameters in VHO for best QOS in WIMAX/WLAN", Dr.B.Venkateshulu, IJSETR-International Journal, Sep-15, ISSN 2319-8885, Vol.04, Issue.38
- "An Efficient Handling of Denial of Service Attack to UMTS Networks Using SIM-Less Devices", Dr.B.Venkateshulu, IJECC - International Journal, Jun-15, Volume:15, Issue 18
- "An Efficient Algorithm for Estimating Channel Bit Error Rate in 4G Wireless Network", Dr.B.Venkateshulu, IJSETR- International Journal, Jun-15, Vol.04, Issue:18, ISSN 2319-8885
- "A New Robust Channel Estimation Algorithm For Frequency Selective Time Varying Channels", Dr.B.Venkateshulu, IJSETR-International Journal, Oct-14, Vol:03, Issue.30, pp5959-5963, ISSN:2319-8885
- "Greaffe's Method of Lifting a Polynomial to handle burst type of errors", B.Venkateshulu, IJSM-International Journal, Apr-14, Vol 9, Issue 3, pp 132-134, ISSN: 2249-8605
- "Two-Dimensional PG-LDPC codes mapping", B.Venkateshulu, IJSM- International Journal, Jun-13, Vol 6, Issue 3, pp 129-133, ISSN: 2277-2790

2

11) Mrs. B. Tulasi Sowjanya, Asst. Professor, ECE Department, GNITS
Co-coordinator of the AICTE-ISTE Refresher course on "Channel Coding Techniques"



Qualification:

- B.E in 2002 from Vasavi College of Engg. Hyderabad in Electronics and Communication Engg.
- M.Tech in 2005 from JNTU, Hyderabad in Systems & Signal Processing.
- PhD (Pursuing) from IIT, Hyderabad.

Work Experience:

- Worked as Asst. Professor in CVR College of Engineering, Ibrahimpatnam, during June-2005 – Jan 2007
- Working as Asst. Professor in G.Narayanamma Institute of Technology & Science, Hyderabad from Jan-2007 to till date.

12) Mrs. M. Madhuri Latha, Asst. Professor, ECE Department, GNITS
Co-coordinator of the AICTE-ISTE Refresher course on "Channel Coding Techniques"



Qualification:

- B.Tech in 2003 from G.Narayanamma Institute of Technology & Science, Hyderabad in Electronics and Telematics Engg.
- M.Tech in 2012 from JNTU, Hyderabad in Systems & Signal Processing.
- PhD (Pursuing) from IIT, Hyderabad.

Work Experience:

- Working as Asst. Professor in G.Narayanamma Institute of Technology & Science, Hyderabad from Sep-2003 to till date.


PRINCIPAL

G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104.

CHANNEL CODING TECHNIQUES

June 25-30, 2018

Name of the Participant (In Capital letters):

Designation & Department:

Name of the College/ Institution:

Address for Correspondence:

Ph. No.:

E-mail :

Teaching experience in years:

Subjects taught related to Refresher Course:

Declaration
 The information provided is true to the best of my knowledge. I agree to abide by the rules of the programme and shall attend the course for the entire duration. I also undertake the responsibility to inform the co-ordinator in case I am unable to attend the course.

Place :
 Date :

Signature of the Participant

SPONSORSHIP CERTIFICATE

Dr./Mr./Ms. is an employee of our organization/ Institute and is hereby sponsored to attend AICTE-ISTE sponsored Refresher Course on CHANNEL CODING TECHNIQUES organized by the Department of Electronics and Communication Engineering, G.Narayanamma Institute of Technology and Science from June 25 - 30, 2018.

Place :

Date :

Signature of Principal
 (With Seal)

Note:

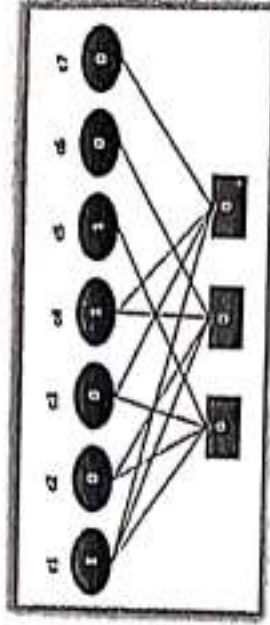
1. Applications without Sponsorship Certificate will not be entertained.
2. Application form duly filled in along with the Sponsorship certificate should reach the college (either hard copy or scanned copy) by **30.05.2018**.
3. **Selection Criteria:** Selection is based on First Come-First Serve basis, as the number of seats are limited to **40**.
4. Short listed candidates for the Course will be intimated through mail by **05.06.2018**.
5. **No Registration fee is required for attending the Course.**
6. Having 100% attendance is compulsory for the course.
7. Participants are requested to carry LINUX installed Laptops preferably with PYTHON software installed.
8. An exam will be conducted at the end of the course and the certificate is given to the participant only if he/she qualifies in the exam, as per AICTE-ISTE norms.
9. Accommodation will be provided in the College hostel for outstation women participants.
10. Lunch and Snacks will be provided to the participants on all days.

Address for Communication:

B. Tulasi Sowjanya, Asst. Professor, ECE Dept
 GNITS, Shaikpet, Hyderabad - 500104,
 Telangana State, India
 Email: ecegnits.rc@gmail.com
 Contact No: 90006 83172

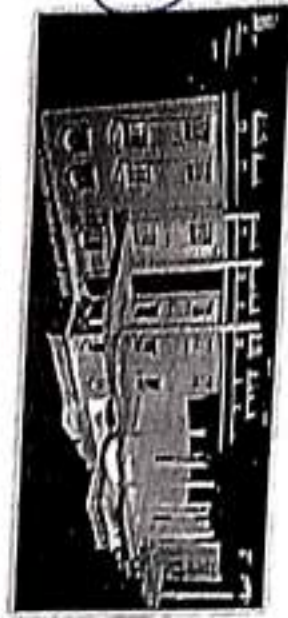


AICTE-ISTE Sponsored
 National Level Refresher Course on
CHANNEL CODING TECHNIQUES
 (June 25 - 30, 2018)



Organized by
Department of ECE
G. Narayanamma Institute of
Technology & Science
 (For Women)

UGC Autonomous College
 Accredited by NBA & NAAC
 An ISO 9001-2015 Certified Institution
 Shaikpet, Hyderabad - 500104, Telangana State, India
 Phone: +91-(0)-40-23565648/649
 Fax: +91-(0)-40-2356564187
 Website: www.gnits.ac.in



About GNITS

Late Sri G. Pulla Reddy, an eminent businessman of integrity and impeccable reputation, established G.Narayanamma Institute of Technology & Science (for women) on 15th December 1997. The college has been named after his wife Smt. G. Narayanamma Garu. The institute aims to promote technical education among women and is the most sought-after college with one of the best placements record in the region of Telangana.

G. Narayanamma Institute of Technology & Science (GNITS) offers 5 B.Tech. programmes in ECE, CSE, EEE, ETM, and IT and 5 M.Tech programmes in DECE, PEED, CNIS, WMC, CSE. GNITS campus is enabled with Wi-Fi at 200Mbps speed. GNITS students got amazing 523 placements for this academic year 2017-18, with maximum 15 Lakhs/Annum package and good number of internships offered for M.Tech students. GNITS received Education Leadership Award from Dewang Mehta National Education Award by IPE recently, the Best Engineering College by ISTE, and Best College in Placements for the year 2018 by StumagZ. 10 years Autonomous status has been sanctioned to GNITS by UGC.

About ECE Department

Department of Electronics & Communication Engg. is one of the pioneer departments of GNITS with an intake of 180. The department has 44 well qualified teaching staff with 6 doctorates and good number of research scholars. The department has Rs.1.85cr worth State-of-Art Labs (HFSS, Embedded systems, IoT, Mentor Graphics tools) and Innovation Centre in association with Texas Instruments. A total of 165 Multiple job offers in ECE Department are offered through campus recruitment in reputed companies like Amazon, WellsFargo, JP Morgan, L&T, MindTree, Deloitte, Accenture, Infosys, Tech Mahindra, Thomson Reuters and ADP for this Academic year 2017-18. On an average 85% of the eligible students are placed every year. Besides the teaching learning process, ECE Department regularly conducts workshops, guest lectures and refresher courses to enhance the skills of students and teaching community. To further strengthen the department, M.Tech course was started in Academic Year 2007.

2008 with specialization in Digital Electronics & Communication Engineering. Some of our aluminae are well settled after completion of their higher studies in IIT's, IIM's and MSabroad.

About the Course

The present day wireless communication scenario is throwing challenges on efficient error detection & correction due to multipath propagation and fading, making SNR vulnerable to allow more errors to creep in the channel. This situation requires understanding of the channel characteristics & applying suitable error detection & correction codes.

The challenge is even more difficult due to the requirement of handling multimedia communication. It requires high speed data transfer. Over the years, the trend in channel coding is to handle this type of traffic effectively and contribute for the above requirements in 5G technology. The coding techniques to be discussed will focus on fundamentals of error handling, the limitations of each coding technique, combination of different coding techniques & new methods useful in 5G.

Topics include

Fundamentals of Probability, Linear Algebra, Digital Communications, Information theory, Energy Detection and Error Detecting and Correcting Codes viz Linear, Cyclic, Convolutional, Turbo, LDPC Codes and Recent Trends and Challenges in Channel Coding.

Resource Persons

- Dr. S. L. Maskara, Retired Professor, E&ECE Dept, IIT Kharagpur
- Dr. B. N. Bhandari, Professor of ECE, Director, Academic & Planning, ECE Dept, JNTU, Hyderabad
- Dr. G. V. V. Sharma, Asst. Professor, Electrical Engineering Dept, IIT, Hyderabad
- Dr. Sri Hari Rao P, Assoc. Professor, ECE Dept, NIT, Warangal
- Dr. Ubaidullah P, Asst. Professor, Signal Processing & Communication Research Centre (SPCRC), IIT, Hyderabad
- Dr. Sachin Chaudhari, Asst. Professor, SPCRC, IIT, Hyderabad

PRINCIPAL

G. Narayanamma Institute of

Dr. Lalitha Vadlamani, Asst. Professor, SPCRC, II Hyderabad

Dr. Prasad Krishnan, Asst. Professor, SPCRC, III Hyderabad

Dr. P. Sri Hari, Professor, ECE Dept, VNRVJIE Hyderabad

Sri. Sanjeev Nimishakavi, Director, Engineering & Qualcomm, Hyderabad

Dr. B. Venkateshulu, Professor of ECE & Head, GNITS, Hyderabad

Participants

Faculty members from AICTE recognize Engineering Colleges/Institutes are eligible to apply for the Programme.

Organizing Committee

Chief Patron:

Sri. P. Subba Reddy, Chairman, GNITS, Hyderabad

Patron:

Smt. G. Srividya Reddy, Joint Secretary, GNITS Hyderabad

Chairman:

Dr. K. Ramesh Reddy, Principal, GNITS, Hyderabad
Dean, Academics:

Dr. P.V.D. Somasekhara Rao, Professor of ECE, GNITS, Hyderabad

Convener & Coordinator:

Dr. B. Venkateshulu, Professor of ECE & Head, GNITS, Hyderabad

Co-ordinators:

B. Tulasi Sowjanya, Asst. Professor, ECE Dept, GNITS, 9000683172, tulasiect2@gmail.com

M. Madhuri Latha, Asst. Professor, ECE Dept, GNITS, 9581999496, madhurim.latha@gmail.com

Location, Transport and Boarding:

The college is located 5km from Mehdiapatnam (on the way to HCU) near Darga Bus stop.

RTC Bus route no's from Secunderabad: 55, 5K, 655

RTC Bus route no's from Kotli: 116, 118G, 216, 217 etc



**G. NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCE
(FOR WOMEN)**

29

**Agenda for Refresher Course Inaugural Function on
CHANNEL CODING TECHNIQUES**

25th June 2018

S. No	Activity/Performance	Name	Timing
1	Anchors Welcome Note	Dr.Swapna Raghunath	10.00 AM- 10.05 AM
2	Inviting Dignarities on the Dias	i/c Principal Dr..K.R.L., Dr.Maskara, Dr.B.Venkateshulu, Dr.PVD.Somasekhar Rao, (Dr.B.N.Bhandari)	10.05AM-10.10AM
3	Lighting the lamp	Dignitaries on the Dias	10.10 AM - 10.14AM
4	Prayer Song	Mrs. P.Sri Padma	10.14AM - 10.20AM
5	Address by i/c Principal	Dr. K. Ramalinga Reddy	10.20AM - 10.25AM
6	Address by Dean - Academics	Dr.P.V.D.V.Somasekhar Rao	10.25AM-10.30AM
7	Address by HOD of ECE Dept & Convener	Dr.B.Venkaetshulu	10.30AM.-10.35AM
8	Introduction of Chief Guest	Dr.Swapna Raghunath	10.35AM-10.38AM
9	Address by the Chief Guest	Dr.S.L.Maskara	10.38AM- 11 AM
10	Break for Tea	Dr.Swapna Raghunath	11AM-11.15 AM
11	Key note address by the Chief Guest	Dr.S.L.Maskara	11.15AM -12.45 PM
12	Queries	Dr.S.L.Maskara	12.45PM- 1 PM
13	Break for Lunch (in old Library)	Dr.Swapna Raghunath	1 PM- 1.45 PM
14	Next session continues at 2 PM in IT seminar hall in Library Block - First Floor	Dr.Swapna Raghunath	2 P.M. onwards

[Handwritten signature]

[Handwritten signature]
Dr.B.Venakteshulu
Convener & Coordinator ,
Professor & HOD, ECE dept.,
GNITS

[Handwritten signature]
PRINCIPAL
G.Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104.

List of Participants

S. No	Name	Designation, Department	College Name	e_mail Id	Contact Number	District/ State	ISTE Member Yes/No
1	Dr. S.M.K.M Abbas Ahmad	Professor, ECE Dept	Joginipalli B.R Engineering College	smkmabbas@rediffmail.com	8985942004	RR	Yes LM43413
2	D Dinesh Kumar	Sr. Asst. Professor, ECE Dept	MEPCO Schlenk Engineering College	dineshdtk@mepecoeng.ac.in	9791499414	TN	Yes LM90346
3	P SriPadma	Asst. Professor, ECE Dept	G.Narayanamma Institute of Technology & Science	sri.padm95@gmail.com	9849161246	HYD	Yes LM123651
4	C Padmaja	Asst. Professor, ECE Dept	G.Narayanamma Institute of Technology & Science	padmaja.chennapragada@gmail.com	9866649611	HYD	Yes LM123287
5	M Vijaya Lakshmi	Asst. Professor, ETM Dept	G.Narayanamma Institute of Technology & Science	vijsyap03@gmail.com	9848948120	HYD	Yes LM33682
6	Dr. Renuka Devi S.M	Assoc. Professor, ECE Dept	G.Narayanamma Institute of Technology & Science	renuka.devi.sm@gnits.ac.in	9441697653	HYD	Yes LM78064
7	Dr.S K Jakkeer Hussain	Professor, ECE Dept	Vignani's Foundation for Science Technology & Research	jk.shaik@gmail.com	9866875459	AP	Yes LM50044
8	B Bhavani	Asst. Professor, ECE Dept	MVSR Engineering college	bhavani.pitchuka@gmail.com	9052502054	RR	Yes LM123132
9	Srikanth I	Asst. Professor, ECE Dept	Methodist college of engineering & technology	siri.visi@gmail.com	9866660686	HYD	Applied
10	G Aparna	Assoc. Professor, ECE Dept	Aurora's Engineering College	gparaparna@gmail.com	9490925827	YBG	No
11	B Gouri Sivansandhani	Assoc. Professor, ECE Dept	Aurora's Scientific, Technological & Research Academy	network929@gmail.com	9849967669	HYD	No
12	Kesava Rao Bagadi	Asst. Professor, ECE Dept	Mahatma Gandhi Institute of Technology	kesavarao.bagadi@gmit.ac.in	9492924505	RR	No
13	C Rajeswari	Asst. Professor, ECE Dept	G.Pulla Reddy Engineering College (Autonomous)	rajeswari.ch@gmail.com	8985033011	AP	No
14	Thimmapuram Swathi	Asst. Professor, ECE Dept	G.Pulla Reddy Engineering College (Autonomous)	swati.thimmapuram@gmail.com	9491411634	AP	No
15	Choomalamma Revathi	Asst. Professor, ECE Dept	Joginipalli B.R. Engineering College	revathipriyavancherla@gmail.com	9492435167	RR	Applied
16	Srinivasa Rao Pabri	Asst. Professor, ECE Dept	VNR VJIET	srinivasarao_p@vnrvjiet.in	8500222772	MDL	Yes LM107798
17	Ashok Ellandula	Asst. Professor, ECE Dept	SVIT	ashokellandula1@gmail.com	9573508865	HYD	No
18	Indra Babu Banika	Asst. Professor, ECE Dept	SVIT	indrababu617@gmail.com	8008492441	HYD	No
19	D.Venkata Rami Reddy	Assoc. Professor, ECE Dept	Geethanjali College of Engineering & Technology	dvrreddy1@gmail.com	9866338091	MDL	Yes LM31429
20	J. Pushpa Rani	Asst. Professor, ECE Dept	Holy Mary Institute of Technology & Science	pushparani.jalli@gmail.com	9010023673	MDL	No

→ LM1231C

(7)

PRINCIPAL

G. Narayanamma Institute of Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104.

21	T. Manusha	Asst. Professor, ECE Dept	Chav Memorial Institute of Technology	manushanthumananapalli@gmail.com	9014617739	HYD	No
22	K. Sushma	Asst. Professor, ECE Dept	Keshav Memorial Institute of Technology	sushmak23@gmail.com	9701758708	HYD	No
23	K. Anil Kumar	Asst. Professor, ECE Dept	Keshav Memorial Institute of Technology	anil5999@gmail.com	944111699	HYD	No
24	Prof. Seetha Rama Raju Sanapala	Assoc. Professor, ECE Dept	Vardhaman College of Engineering	manjaveenamma@yahoo.co.in	7259570872	RR	No
25	M. Sirisha	Asst. Professor, ECE Dept	Chalapathi Institute of Engineering & Technology	sirishacdialamud@yahoo.com	7893417755	AP	No
26	Bala Prasanthi Pavuluri	Asst. Professor, ECE Dept	Chalapathi Institute of Engineering & Technology	prasanthi1990.pavuluri@gmail.com	9441837060	AP	No
27	P. Soujanya	Asst. Professor, ECE Dept	Chalapathi Institute of Engineering & Technology	p.soujanya90@gmail.com	9666642652	AP	No
28	Shaik Asma	Asst. Professor, ECE Dept	Chalapathi Institute of Engineering & Technology	shaikasm34@gmail.com	9949692246	AP	No
29	H. Anitha	Assoc. Professor, ECE Dept	AAR Mahaveer Engineering College	anitha227@gmail.com	9666691477	HYD	No
30	B. Radhika Yadav	Asst. Professor, ECE Dept	AAR Mahaveer Engineering College	bradhikayadav@gmail.com	9640770363	HYD	No
31	C. V. Keerthi Latha	Asst. Professor, ECE Dept	Stanley College of Engineering & Technology	dkceerthilatha@stanley.edu.in	9246288398	HYD	No
32	Y. Latha	Asst. Professor, ECE Dept	Stanley College of Engineering & Technology	ylatha@stanley.edu.in	9246804065	HYD	No
33	V. Swetha	Asst. Professor, ECE Dept	Stanley College of Engineering & Technology	swethav@stanley.edu.in	9966536767	HYD	No
34	D. Nagaraju	Asst. Professor, ECE Dept	Mairani Engineering College	nagaraju.devnl@gmail.com	9603156550	Hyd	Yes LM91811
35	Dr. Pradeep Kumar	Assoc. Professor, ECE Dept	CMR Institute of Technology	prn_deep_jee@yahoo.co.in	7870248311	Hyd	No
36	A. Phani Kumar	Asst. Professor, ECE Dept	CMR Institute of Technology	phanikumar@cmrionline.ac.in	9494762129	Hyd	No
37	K. Swathi	Asst. Professor, ECE Dept	G. Narayanamma Institute of Technology & Science	swathi.gkr@gmail.com	9966190012	Hyd	Applied
38	E. V. S. Vyshnavi	Asst. Professor, ECE Dept	G. Narayanamma Institute of Technology & Science	vyshnavilemasy@gmail.com	9948853358	Hyd	Applied
39	M. Bhavana	Asst. Professor, ECE Dept	G. Narayanamma Institute of Technology & Science	bhavana.mandalaju@gmail.com	9014425456	Hyd	Applied
40	Ch. Anusha	Asst. Professor, ECE Dept	G. Narayanamma Institute of Technology & Science	chilipuri.anushareddy@gmail.com	9177442314	Hyd	Applied

PRINCIPAL

G. Narayanamma Institute of Technology & Science (for women) (AUTONOMOUS) Shaikpet, Hyderabad - 500 104.

Dr. K. Ramesh Reddy
Principal, CNITS

Coordinating & Convener
Dr. B. Venkateshulu
Prof. & HOD, ECE Dept.

AICTE Sponsored Refresher Course

CHANNEL CODING TECHNIQUES

June 25 - 30, 2018

Name of the Participant (In Capital letters):

B. S. M. ARBAS AHMED

Designating Department: *Professor ECE*

Name of the College/Institution: *Jogipally*

Address for Correspondence: *Engineering College*

Dr. S. M. Arbas

Professor, ECE

Maunasa

Phone: *8985042004*

Email: *gntkumarasab@bealectronics*

Teaching experience in years: *20 years*

Decisions related to Refresher Course:

Yes

Dr. S. M. Arbas

Maunasa

8985042004

gntkumarasab@bealectronics

20 years

Yes

Dr. S. M. Arbas

Maunasa

8985042004

gntkumarasab@bealectronics

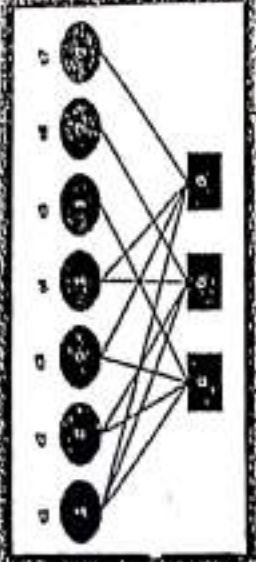


AICTE-ISTE Sponsored

National Level Refresher Course on

CHANNEL CODING TECHNIQUES

(June 25 - 30, 2018)



Organized by

Department of ECE

G. Narayamma Institute of Technology & Science

(For Women)

UGC Autonomous College

Accredited by NBA & NAAC

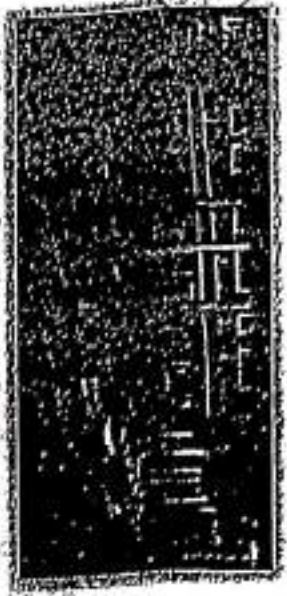
Affiliated to JNTU Hyderabad

Shaikpet, Hyderabad - 500104, Telangana State, India

Phone: 91-01-40-23565648/649

Fax: 91-01-40-2356564187

Website: www.gnits.ac.in



B. Tulasi Sowjanya
Signature of Principal
(With Seal)

Address for Communication:

B. Tulasi Sowjanya, Asst. Professor, ECE Dept

GNTS, Shaikpet, Hyderabad - 500104,

Telangana State, India

Email: *ecegnits.rc@gmail.com*

Contact No: 90006 83172

Declaration

The information provided is true to the best of my knowledge. I agree to abide by the rules of the programme and shall attend the course for the entire duration. I also undertake the responsibility to inform the co-ordinator in case I am unable to attend the course.

Place: *Hyderabad*

Date: *21/5/18*

B. Tulasi Sowjanya
Signature of the Participant

G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
 (For Women)

UGC Autonomous
 Accredited by NBA & NAAC, Approved by AICTE & Affiliated to JNTUH,
 An ISO 9001:2015 Certified Institution
 Shaikpet, Hyderabad - 500104

One-Week AICTE-ISTE Sponsored National Level Refresher Course on
"Channel Coding Techniques"
 25th June - 30th June, 2018

FEEDBACK FORM

1. Did you have sufficient information about the following before you arrived to the workshop?
 (Tick the appropriate one).

- i. Objectives of the program Yes No
- ii. Content of the program Yes No

2. Methodology adopted and learning resources used: (Tick the appropriate one).

Methodology and Learning Resources	Effectiveness		
	High	Moderate	Poor
i. Lecture Sessions		<input checked="" type="checkbox"/>	
ii. Use of Power Point		<input checked="" type="checkbox"/>	
iii. Any other (Please Specify)			

3. Course Organization:

Item		Good	Satisfactory	Poor
3.1	General:	<input checked="" type="checkbox"/>		
	i. Planning & Course Preparation	<input checked="" type="checkbox"/>		
	ii. Sequencing of Presentation	<input checked="" type="checkbox"/>		
3.2	Lecture Session:	<input checked="" type="checkbox"/>		
	Appropriateness and Adequacy of Content	<input checked="" type="checkbox"/>		

4. Administrative Aspects: (Tick the appropriate one).

Item	Response		
	Largely	Partly	Hardly
Adequacy of Accommodation	<input checked="" type="checkbox"/>		

5. Are you satisfied with course organization?
 (Tick the appropriate one). Yes No

6. Considering the program and its conduct, would you rate the program as (Tick only one).
 Excellent Very Good Good Satisfactory Poor

7. What in your opinion was the major highlight or strength of this program which contributed most to its Success/ effectiveness?

co-ordinator was very good.
 well co-ordinated.

PRINCIPAL
 G. Narayanamma Institute of
 Technology & Science (for women)
 (AUTONOMOUS)
 Shaikpet, Hyderabad - 500 104.

Give SUGGESTIONS-by which you think the usefulness of the program can be improved.

Faculty drawn from outside not that much good.

to Faculty Dr Srihari and Mr. Venkatesh...

Signature



Certificate



This is to certify that Mr./Ms. Renuka Devi S.M.

has successfully completed AICTE-ISTE approved Induction/Refresher Programme
“ Channel Coating Techniques ”

25/6/2018 to 30/6/2018 ” held during

Organized by G. Narayanamma Institute of
Technology & Science, Hyderabad, Telangana

[Signature]

[Signature]
Advisor, AICTE

[Signature]
Executive Secretary, ISTE

[Signature]
Principal

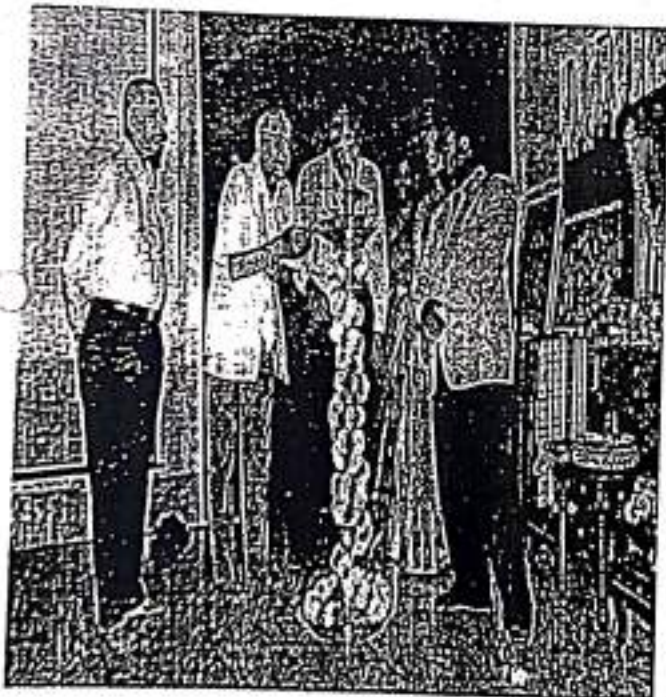
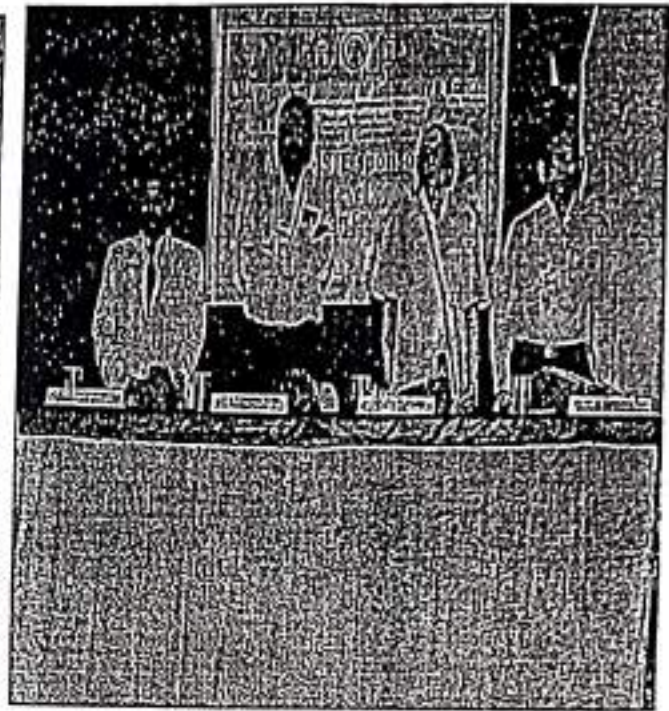
[Signature]
Program Coordinator

Monday, June 25, 2018

11

Inauguration (10:00AM-11:00AM)

Chief Guest: Dr. S.L.Maskara, Retired Professor, IIT, Kharagpur

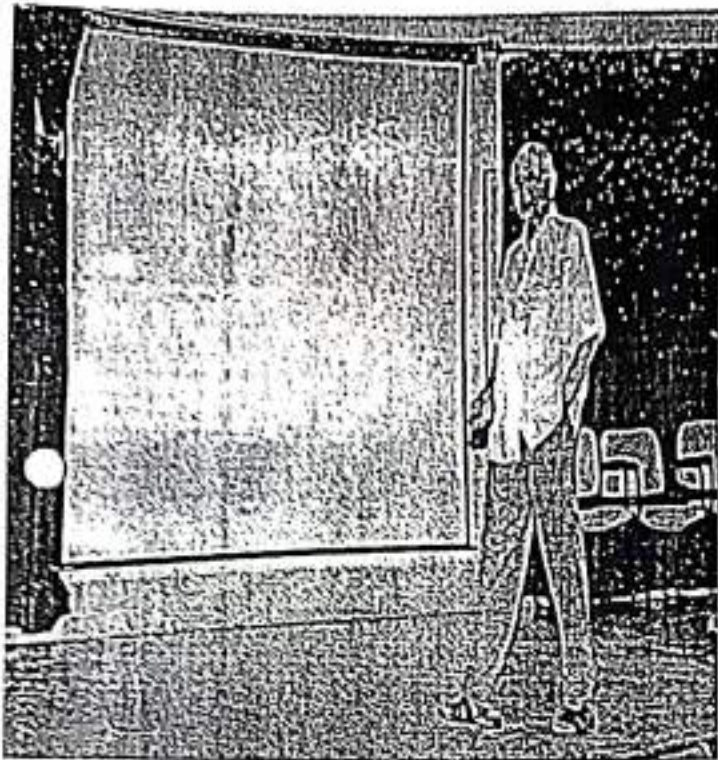


PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104.

Session-1: Key Note Address (Time: 11:15AM-12:45PM) (11)

Title: An overview of Digital Communication and error control coding

Speaker: Dr. S L Maskara, Retired Professor, E&ECE Dept, IIT Kharagpur



Session-2 (Time: 01:30PM-04:45PM)

Title: Linear Algebra fundamentals

PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)

Speaker: Dr. Ubaidulla P, Asst. Professor

WARRANGAL
Warangal - 500 104.



19


A Brief Report on AICTE-ISTE Sponsored Refresher course on "Channel Coding Techniques"

Conducted by Dept of ECE(25th June-30th June 2018)

G.Narayanamma Institute Of Technology And Science (For Women),
Shaikpet,Hyderabad , Telangana State 5

AICTE -ISTE Sponsored one week Refresher course on "Channel coding techniques " was conducted by Dept of ECE, G.Narayanamma Institute of Technology and science for women, (Shaikpet, Hyderabad, Telangana state) from 25th to 30th June 2018. 40 participants from various states participated enthusiastically .The program schedule was drafted in consultation with IITH, keeping in view of the basics of the coding techniques starting from linear algebra , probability as the building blocks for the actual course. The program was inaugurated and key note address was delivered by Dr.Shankar Lall Maskara, Retd. Prof., Dept of EECE, Kharagpur .

There were totally 21 sessions in which 6 hands on session using MATLAB on signal energy detection , linear , cyclic and convolution encoding and decoding and also on implementation of different modulation schemes using Python were conducted. One session was exclusively delivered on effective utilization of channel bandwidth by an expert from Qualcomm Pvt.Ltd. As a part of the program, each participant was given a text book on 'Error Control Coding' by Shu Lin and Daniel. J.Costello worth Rs. 1059 on 30.6.2018 , the day of valedictory .The course catered to the needs of the faculty who are doing research in this area and could get the latest topics of channel coding from the highly qualified and top class faculty from IITH, IITM, JNTUH.The program concluded on a positive note with all participants expressing high confidence due to content and hands on session which was the basic motto of the course. They expressed desire to participate in more such successful programs.



Dr.B.Venkateshulu

Convenor & Coordinator

Dept of ECE, GNITS, Hyderabad


PRINCIPAL

G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104


Dr.K.Ramesh Reddy

Principal, GNITS, Hyderabad