

Name of Faculty **Dr. Panyam Narahari Sastry**  
 Designation Professor  
 Nature of Job/Appointment Regular  
 Date of Joining 19 – 06 - 2003  
 E-mail naraharisastry\_ece@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (ECE)	Awarded
PG	M. E (ECE)	First
UG	B. Tech. (ECE)	First
PG Diploma in Marketing Management	PGDMM	First
PG	MBA (Operations Management)	3.16 /5.00

Work Experience

Teaching	20 Years
Research	16 years
Industry	09 years
Others	04 Months

Area of Specialization Signal Processing- Image, Speech and Communication Pattern Recognition, AI Algorithms

Professional Memberships LMISTE

Responsibilities held at Institution Level --

- Responsibilities held at Department Level
1. Member Board of Studies since 2013
  2. Member, Program Assessment Committee since 2016
  3. Member, Course Expert Group since 2019
  4. Departmental Coordinator –NAAC since 2014
  5. Departmental Coordinator –NIRF, AQAR since 2014.
  6. Departmental Coordinator –IIC since 2018
  7. Departmental Coordinator – Innovation and Incubation since 2020.
  8. Departmental Coordinator – IOT & Cyber security since 2020.
  9. Departmental Coordinator – PGNBA for 2019.
  10. PG Coordinator for ME-ECE (CE) from 2017-2019.

Research Guidance

03 students awarded (02 students awarded from JNTUH and 01 student from K.L. University Vijayawada). Presently 08 students pursuing PhD under Osmania University.

Awards Received

Best Faculty for Publications in Peer Reviewed Journals for the year 2019, awarded by CBIT.

Courses Handled at Under Graduate / Post Graduate Level.

Microwaves, Antennas and Wave Propagation, Satellite Communication, Digital signal Processing, Electronic Devices, Radar and Satellite communication, Software defined and Cognitive Radio.

National Journals –Nil

International Journals – 17

No. of Papers Published

National Conference – 05

International Conference – 13

Projects Carried out

1. An AICTE project titled "Design and development of Palm Leaf Character Recognition" under RPS (Research promotion scheme) was sanctioned for three years in July 2013 for an amount of Rs 7, 31,000. This project was successfully completed (July 2013- July2016) and the outcome of the project is a Patent published in Journal of Indian Patents, Indian Patent Office, Chennai. Further it helped to pursue research and acquire the degree for One M.E student and One PhD student. Also, two International journal publications including Pattern recognition Journal (PRL) published by ELSEVIER (a SCI Journal) and two IEEE International Conference papers were produced by this AICTE project.



2. Project on “Bus Tracking System” by kernelsphere.
3. Project on “AI transformer” by kernelsphere.

Patents

An Indian Patent filed on 01/01/2016 with Application No. 201641000080A in Indian Patent Office Chennai. This patent published in the Journal of Indian Patents ---ISSUE NO. 03/2016 FRIDAY DATE: 15/01/2016, Page No.2268 with the title “System and Method for Palm Leaf Character Recognition using 2DHaar Wavelet Transformation and 3D Feature”.

Technology Transfer

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Invited Speaker

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No. of Books/Chapter

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Published with details

Details of Short-Term

Training Programs/Faculty

Development

Programs/Seminars/Worksh

ops. Other Trainings

(Attended and/or

Organized).

1. Organized an Online One Week Online Faculty Development Program on “Role of Machine Learning & Data Sciences in AI”, during 29-06-20 to 03-07-2020
2. Organized a National Workshop on “Pattern Recognition and machine learning”, during 30<sup>th</sup>& 31<sup>st</sup> May 2019
3. Successfully completed STTP through ICT mode on NBA Accreditation, 22/04/2019 to 26/04/2019 (Duration 1 Week) sponsored by National Institute of Technical Teachers Training and Research, KOLKOTTA  
Organized by Chaitanya Bharathi Institute of Technology, CBIT.
4. Certificate from IIC of MHRD’s Innovation cell on “Online Sessions to promote Innovation, IPR, Entrepreneurship, & Start-ups among HEIs” conducted from 28<sup>th</sup> April to 22<sup>nd</sup> May 2020
5. One-week STTP on “MATLAB based teaching- Learning in Mathematics Science and Engineering” Conducted by D. Y. Patil University, Navi Mumbai during 18th to 22nd May 2020.
6. Coursera Course titled “MATLAB Onramp” completed on 05th May 2020.
7. Online Training on IOT from 30/04/2020 to 02/05/2020 organized by MSME Technology Development Centre Agra.
8. One-week FDP titled “CYBER SECURITY” conducted by Vikas College of Engineering and Technology, from 23/05/2020 to 27/05/2020.
9. One-week ONLINE FDP Lakkireddy Bal Reddy College of Engineering “Recent trends in advanced Communications” from 04th May to 09th May 2020.
10. One-week FDP titled “Outcome based Education: A step towards Excellence” conducted by Government college of Engineering, Karad, Maharashtra, under Margadarshan scheme of AICTE, from 11th to 15th May 2020.
11. Online FDP “Emerging technologies in Robotics”, conducted by Malla Reddy engineering college, Hyderabad from 26th to 30th May 2020.
12. One-week Online FDP titled “IOT for emerging Applications” conducted by KITS, Warangal, from 10th May to 14th May 2020.
13. One-week FDP titled “PHP and My SQL” conducted by JNTUH college of Engineering Jagtial from 18th to 23rd May 2020.
14. One-week FDP titled “Data Science using R Programming” conducted by Mahaveer Institute of Science and Technology, Hyderabad from 12/06/2020 to 17/06/2020.
15. One-week FDP titled “Outcome based Education and NBA accreditation Process conducted by CBIT, Hyderabad from 28/05/2020 to 01/06/2020.
16. Certificate of Participation from MHRD’s Innovation Cell, India’s first leadership talk Webinar on 09th May 2020 with Prof. D. P. Singh.
17. Certificate of Participation from MHRD’s Innovation Cell, India’s first leadership talk Webinar on 02nd May 2020 with Dr. Abhay Jere.
18. Webinar on “Digital Transformation “on 12th May organized by Storm Overseas.
19. Certificate of Participation from MHRD’s Innovation Cell, India’s first leadership talk Webinar on 16th May 2020 with Dr. Pramod Chaudhari.
20. Certificate of Participation from MHRD’s Innovation Cell, India’s first leadership talk Webinar on 16th May 2020 with Mr. Mahesh Babu, CEO, Mahindra Electric Mobility Ltd.
21. Certificate of Participation for the Webinar titled Artificial Intelligence methods for energy auditing and electronics engineering”, conducted by EEE department, CBIT during 21/05/2020 to 23/05/2020.
22. Certificate of Appreciation for Online Faculty program on NBA, Conducted by Bharathi Vidyapeeth college of Engineering, Navi Mumbai on 13/05/2020.
23. Certificate of Appreciation for “AutoCAD Quiz “, Conducted by B S.C Engineering and Research, PUNE on 25/05/2020.

24. Certificate of Appreciation for participating in the Webinar titled "Computational Electromagnetic techniques for different microwave and Millimeter wave applications" Organized by Gayatri Vidya Parishad college of Engineering and Technology on 25/05/2020.
25. Certificate of Participation from MHRD's Innovation Cell, India's first leadership talk Webinar on 20th June 2020 with Sri Sridhar Venkat, CEO, Akshaya Patra Foundation.
26. Certificate of Participation from MHRD's Innovation Cell, India's first leadership talk Webinar on 30th May 2020 with Dr. Nilesh. N. Oak, Expert (Indian Civilization and History).
27. Certificate of Participation from MLRIT, in a Webinar titled "How to improve teaching skills" on 24th June 2020.
28. Certificate of Participation for the Webinar titled "Publishing Research articles in Scopus Indexed Journals", conducted by School of Management studies department, CBIT during 24/06/2020.
29. Five days hands on Workshop, titled "Patent searching, drafting and filing" conducted by PANIMALAR INSTITUTE OF TECHNOLOGY, Chennai under IEEE Computer society and Computer society of India from 29/05/2020 to 02/06/2020.
30. Certificate of Participation from MHRD's Innovation Cell, India's first leadership talk Webinar on 06th June 2020 with Ms. Ashwini Deshpande.
31. Course on LaTeX training organized by Kakatiya University, in January 2020 semester provided by Spoken Tutorial project, IIT Bombay on 30th May 2020.
32. Certificate of Participation from MHRD's Innovation Cell, India's first leadership talk Webinar on 27th June 2020 with Dipendra Manocha.
33. Certificate of Participation from MHRD's Innovation Cell, India's first leadership talk Webinar on 13th June 2020 with R. Subramaniam.
34. Certificate of Appreciation for participating in COVID-19 Awareness Program Conducted by JNTUH College of Engineering, Jagatial, Telangana.
35. Attended Webinar titled "Virtual Classroom Management Using Microsoft teams" conducted by Lakki Reddy Bal Reddy College of Engineering, AP on 11/05/2020.
36. Attended Webinar on the title "Supervision and Monitoring of Teaching processes of TVET Teachers" conducted by CPSC Phillipines on 14th May 2020.
37. Attended Webinar on "Engineer's Role in fighting the battle against Covid-19" conducted by Ankit Kathuria using Webex on 08th May 2020.

#### **International/National Journals from the Year 2017**

1. Panyam Narahari Sastry, Mohammed Sameer Syed, "Recognition of Face Emotion using Convolutional Neural Network" 'International Journal of Innovative Technology and Exploring Engineering (IJITEE)', ISSN: 2278-3075 (Online), Volume-9 Issue-9, July 2020, Page No. 364-376. DOI: 10.35940/ijitee.17033.079920.
2. Panyam Narahari Sastry, Syed Sameer, Mohammed Sameer Syed, "Recognition of Offline Handwritten Characters using 2D-FFT for English and Hindi Scripts" International Journal of Engineering and Advanced Technology (IJEAT), Blue Eyes Intelligence Engineering & Sciences Publication, Volume - 9 Issue - 4, April 2020, ISSN: 2249-8958, pp 1512 - 1517, DOI:10.35940/ijeat.D7339.049420.
3. Panyam Narahari Sastry, G. Akhil, Vaishnavi Suthram, "Analysis and Recognition of Bilingual Handwritten Scripts", International Journal of Recent Technology and Engineering (IJRTE), Blue Eyes Intelligence Engineering & Sciences Publication, Volume-8 Issue-6, March 2020, ISSN: 2277-3878, pp 2571-2578, DOI:10.35940/ijrte.F8538.038620.
4. T.R. Vijaya Lakshmi, P.Narahari Sastry, T.V.Rajinikanth, "Feature selection to recognize text from palm leaf manuscripts," Signal, Image and Video Processing, Springer, Vol. 12, No.2, February 2018, pp.223-229, ISSN No. 1863-1703, DOI 10.1007/s11760-017-1149-9.