About the College

NBKR Institute of Science & Technology established in 1979 is an Autonomous Institute affiliated to JNT University Anantapur. This Institute is reaccredited by NAAC (UGC) for the third cycle with "A" grade. B.Tech courses are accredited by National Board of Accreditation (NBA) under Tier 1. UGC awarded the status of "College with Potential for Excellence (CPE)" to our Institute. The Institute is spread across a lush green 184 acre campus that houses academic blocks, Boys and Girls hostels, Open air auditorium, sports complex, staff quarters etc. the Institute focuses on skill and professional development of the graduates through student run clubs, technical associations. Professional chapters like IEEE, ISTE, IETE, CSI exist in our Institute. Active NCC (Army & Naval) units are engaging in the campus to drive the students towards national integrity. Department laboratories and Computer Centre has state-of-the-art equipment to fulfill the needs of the researchers, students and faculty. The central library is well stocked with books, journals, magazines and news papers. It subscribes thousands of e-journals, e-books. The e-resources can be accessed through the campus network. Transport facility is available for faculty and Students.

With best wishes from
Sri. Nedurumalli Ram Kumar
Chairman, Board of Community Development through Education Correspondent, NBKRIST

Chief Patron
Prof. G. Ranga Janardhana
Hon'ble Vice-Chancellor, JNTUA, Ananthapuramu.

Patrons
Prof. M. Vijaya Kumar
Rector, JNTUA.
Prof. C. Sashidhar
Registrar, JNTUA.

Chair Person
Dr. V. Vijaya Kumar Reddy
Director, NBKRIST.

Program Director
Prof. B. Eswara Reddy
Director, Faculty Development Cell, JNTUA. Secretary, ISTE AP section

Program Convener
Dr. G. Harinatha Reddy
Professor & HOD of ECE, NBKRIST.

Program Coordinators
Dr. Shaik. Mahaboob Basha
Professor of ECE, NBKRIST.
Mr. P. Vali Basha
Asst.Professor of ECE, NBKRIST

Five Day
Faculty Development Program
on
"Recent trends in Electronics and Communication-An approach through AI, ML and DL Techniques"

22nd to 26th May 2023

Organized by
Department of Electronics and Communication Engineering, N.B.K.R. Institute of Science & Technology (Autonomous), Vidyanagar.
&
Faculty Development Cell Jawaharlal Nehru Technological University Anantapur, Ananthapuramu.

in association with
ISTE AP Section

Resource Persons

1. **Dr. Rama Krishna Sai Gorthi**
   Associate Professor
   Dept of Electrical Engg
   IIT,Tirupathi.

2. **Dr.P.S.Sai Krishna**
   Assistant Professor
   Dept of Electrical Engg
   IIT,Tirupathi. .

3. **Dr. P.Srihari**
   Associate Professor
   Dept of ECE
   NITK, Surathkal.

4. **Dr K.Vasudeva Reddy**
   Principal Engineer,
   Global Foundries,
   Bangalore.

5. **Dr.J. Srinivasulu**
   Asst.Professor-Grade-II
   Dept of ECE,
   NIT Trichy

6. **Dr. B.Naresh Kumar Reddy**
   Asst.Professor-Grade-II
   Dept of ECE,
   NIT Trichy

7. **Dr.G. Srinivasulu**
   Professor, Dept of ECE
   S.V.University,
   Tirupati

8. **Dr. P. Ramesh Babu**
   Professor, Dept of ECE
   Pondicherry Engineering College,
   Puducherry

9. **Mr.J.Gopalakrishna**
   General Manager (Rtd)
   Range Instrumentation Section,
   SDSC SHAR,
   ISRO Sriharikota

10. **Mr.Urukunda Y**
    Senior Manager,
    ECIL, Hyderabad

About the FDP

The 5-Day Faculty Development Program is organized with the concept of Industry-Institute Coordination to improve the opportunities for faculty. FDP is planned with a vision to enrich the technical and practical aspects of advanced concepts and applications of AI and ML in Electronics and Communication Engineering. This Program is designed to provide a platform for the academicians with a view to explore the information on the progress of advanced concepts in E.C.E. like Digital Image Processing, Radar Systems and Wireless Communications, VLSI design using AI,ML and DL approaches.

Session Topics

- Deep Learning for Computer Vision
- Image Processing Algorithms with AI &ML
- Radar Systems and its Applications
- VLSI System Design
- Wireless Communications
- Object detection
- Robotics and Automation
- Hands-on- Training using Python
- Drone Technology using AI, ML&DL

Targeted Faculty

Teaching Staff of Constituent and Affiliated Colleges of JNTUA.

Prerequisite

Knowledge of Python Programming is preferable for Hands on Training.

Performance Evaluation

Every module includes hands on performance evaluation. Successful participants will be awarded with certificate.

Registration

For Registration Link:
https://www.nbkrist.co.in/index.php

- No Registration Fee.
- No. of Registrations limited to 30.
- Participants will be selected based on First Come First Serve basis.
- Selected participants should carry Laptops.
- Accommodation will be provided for outstation participants.

Organizing Members

Dr. P.Mohanaiah, Professor
Prof. B.Subba Reddy
Dr. K.Nagi Reddy, Professor
Dr. S.Saravanan, Assoc. Professor
Dr. Abraham Mathew, Assoc. Professor
Dr.G.Kameswari, Assoc. Professor

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Venue:

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