CHIEF PATRON

Dr. Sardar Balbir Singh
Hon'ble Chairman

Smt. Reshma Kaur
Hon'ble Vice - Chair Person

DIRECTOR

Colonel(retd) Dr. B. S. Dhaliwal
Director Academics

PATRON

Dr. Dhananjay M
Principal, GNDECB

CONVENER

Dr. Neelshetty K
Professor & HOD, EEE Dept

COORDINATORS

Mrs. Shubha S
Asst. Professor, EEE Dept

Mr. T.Vinay Kumar
Asst. Professor, EEE Dept

ORGANIZING COMMITTEE

Mr. Prakash Udgire Assoc.Professor
Mrs. Megha Asst. Professor
Mr. Shravan Kumar Asst. Professor
Mr. Deepak Ghode Asst. Professor
Mr. Durga Prasad Asst. Professor
Mr. Prashant Ghongade Asst. Professor
Mrs. Rohini D Asst. Professor
Mrs. Basamma R Asst. Professor
Mr. Suresh Patil Asst. Professor
Mr. Raghunath C. N Instructor
Mr. Ashok Kumar Instructor

ELIGIBILITY

The Program is open to faculty and research scholars of Engineering colleges, Degree colleges and other AICTE recognized institutes/universities and industry personnel.

REGISTRATION

- No Registration fee
- Participants are requested to fill the registration form and also upload the Scanned copy of the form in the registration link.
  https://forms.gle/k4yFYwMk25AKCN3X9
- The number of Participants is limited to 50, the selection is on first-come-first-served basis.

IMPORTANT DATES

Last date for registration: 03-12-2022, 5PM
Intimation of selection: 04-12-2022 .

For any further query, you may contact:

Dr. Neelshetty K - 9448582987
Mrs. Shubha - 9449274237
Mr. Durga Prasad - 9948860545
Mr. Prashant - 7411241115
Mr. Ashok Kumar- 9972146017
Email:- eeegndec@gmail.com

A FIVE DAYS FACULTY DEVELOPMENT PROGRAM
ON

"IoT and Its Applications"

05/12/2022 to 09/12/2022

Organized By
Department of Electrical and Electronics Engineering

Guru Nanak Dev Engineering College, Bidar.

Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi.
Accredited by NBA.

Sponsored By

Vision Group of Science & Technology, Bangaluru

ABOUT THE COLLEGE

Guru Nanak Dev Engineering College, Bidar, a premier center of Technical Education, was established in August, 1980 under the flagship of SHRI NANAK JHIRA SAHEB FOUNDATION TRUST. The college is offering 8 UG, 3 PG programs and active R&D Centre in various branches of Engineering & Technology. The institution is an ISO 9001-2015 certified institution approved by All India Council for Technical Education (AICTE) and affiliated to V.T.U Belagavi. Four programs of the institution are accredited by NBA (Washington Accord). The college as far as academic results is concerned, consistently produced more than 50 university ranks and received MOST TRUSTED ENGINEERING COLLEGE AWARD in 2022.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering has started in the year 1980. The department has established itself as one of the most disciplined and vibrant departments of Guru Nanak Dev Engineering College in these 40 years of time span and produced qualified engineering professionals working in various fields in India and abroad. The Department is accredited by the National Board of Accreditation (NBA). The department is equipped with full-fledged laboratories and smart classrooms. The faculty members are highly qualified and well experienced to educate the students with the supporting technicians. The department has installed roof top solar power plant in the college of capacity 160kWp.The Department also offers the VTU research center for Ph.D.

ABOUT THE FDP

The primary objective of this Faculty Development Program (FDP) on Internet of Things (IoT) and its applications is to enrich faculty members of engineering streams with usability of the IoTs across various applications. The Internet of Things, or IoT, refers to the billions of physical devices around the world that are now connected to the internet, all collecting and sharing data. Thanks to the arrival of super-cheap computer chips and the ubiquity of wireless networks, it's possible to turn anything, from something as small as a pill to something as big as an aeroplane, into a part of the IoT. Connecting up all these different objects and adding sensors to them adds a level of digital intelligence to devices that would be otherwise dumb, enabling them to communicate real-time data without involving a human being.

RESOURSE PERSONS

1. **Dr. Hariprasad M**
   Asst. Professor, DS & Intelligent System, IIIT Dharwad.
2. **Dr. Sandeep V**
   Assoc. Professor, NIT Andhra Pradesh.
3. **Dr. Sanjay Kumar Gowre**
   Professor and Dean CSE Dept, BKIT, Bhalki.
4. **Dr. Mahesh V Sonth**
   Assoc. Professor, CMR Hyderabad.
5. **Prof. Guru Swamy**
   Assoc. Professor, BVRIT, Hyderbad.
6. **Prof. RajinderKumar M. Math**
   Asst. Professor, B. L.D.E.A's CET, Vijaypur.
7. **Mr. Dattatraya Sarwade**
   CEO Unique Technologies Hubli.

TOPICS TO BE COVERED

- Introduction to IoT and its applications
- Internet of Photonic Things
- Sensors for IOT
- Hands-on Session on IOT Protocols
- Linear algebra & Optimization problems using IOT
- IOT Applications in Power and Energy Sector

GURU NANAK DEV ENGINEERING COLLEGE, BIDAR.

Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi.
Accredited by NBA, ISO Certified 9001-2015.
Mailoor road, Bidar- 585403, Karnataka, India
www.gndecb.ac.in

REGISTRATION FORM
VGST Sponsored FDP
on
"IoT and Its Applications"

05/12/2022 to 09/12/2022

Name : _____

Qualification:_____

Designation:_____

Department:_____

Name of the Institute :

_____

Mobile No:_____

Email:_____

Do you want accommodation? YES/NO_____

DECLARATION BY THE CANDIDATE

This given information is true to the best of my knowledge. I agree to abide by rules and regulations governing the program. if selected, i shall attend the course for the entire duration.

Place:

Date:

Signature of the Applicant