



Bharath
INSTITUTE OF HIGHER EDUCATION AND RESEARCH
Declared as Deemed-to-be University under section 3 of the UGC Act, 1956
ACCREDITED WITH 'A GRADE' BY NAAC

**DEPARTMENT OF
ELECTRONICS AND INSTRUMENTATION ENGINEERING**

In Association with

Centre of Excellence for Defence Strategic Equipment

The Management, Staff and Students cordially

Invite you for the

STUDENT POTENTIAL DIVISION PROGRAMME

EVERMA-2018

On

19th March 2018

On

HMI AND ITS FEATURES

Resource persons

Er. Abdul Rahman.K, IPCS Automation

M.Jayakumar, Branch Manager, IPCS Automation

VENUE: SA 106-CEDSE EXCELLENCE CENTRE TRAINING HALL, BIHER.

Time: 02.00 PM to 04.00 PM

CONVENER

Dr.E.Kanniga

Professor & Head of Department

EIE/CEDSE –BIHER

CHENNAI,TAMIL NADU,INDIA

CEDSE

**CENTRE OF EXCELLENCE FOR DEFENCE
STRATEGIC EQUIPMENT**

EVERMA-2018



Anchor faculty
Dr. E.Kanniga
Er. Saurav Kumar
Date:

19TH MARCH 2018, AN



Organized by,
CEDSE & Electronics and Instrumentation Engineering

About our university

Bharath Institute of higher Education and Research (BIHER) is a deemed to be university, declared under section 3 of the UGC Act, 1956. It was started by Sri Lakshmi Ammal Educational Trust, established by the academic visionary Dr. S. Jagathrakshakan in 1984. The Ministry of Human Resource & Development has ranked BIHER as the “No. 1 in NIRF Ranking” (Under outreach and inclusivity), and No. 21 among all universities in India. The institution has been accredited by National Assessment and Accreditation council (NAAC) with “A” grade.

About the CEDSE

The centre of excellence for defense strategic equipment is an autonomous body dedicated to objective research and policy relevant studies on all aspects of defense and security. its mission is to promote national and international security through the generation and dissemination of knowledge of defense and security-related issues.

CEDSE has a well-qualified multi-disciplinary research faculty drawn from academia, representing a diversity of views. Research at the institute is driven by a comprehensive and by the need to provide impartial analyses and policy recommendations monographs, briefs, and books are the principal mediums through which these analyses and policy recommendations are disseminated.

The core values that serve as DRDO guiding principles are:

- integrity and honesty
- commitment
- professionalism
- pursuit of excellence
- team work
- innovation and creativity

Objectives

Creating, Empowering, Training and doing research with a team of professionals in Defence Strategic Equipments which will be necessary for our Defence personnel from Time to Time which will also suit our Defence Industry.

Vision

Make India Shine by Establishing and Development System World-Class Educational Research based and provide our Defence Strategic Services to cutting-edge technology by equipping them with international competitive task.

Mission

- Research and Development to lead through state-of- the art Technology through Cyber-Security mechanism and allied strategic equipment to our national defence services.
- Provide technological solution to security system commencing combat effectiveness to promote well-being of national security forces.

- Develop Infrastructure and Committed Skilled manpower and build strong indigenous educational technology based innovators.

Course content:

- **HMI AND ITS FEATURES– 19th MARCH 2018, TIME: 2:00 PM – 4: 00 PM**

The workshop is designed in such a way that the participants can get hands-on experience. Participants will form groups and will work on specific assignments to find out scope for design improvements in the given products, spaces, etc.

For Whom:

Researchers, students, engineers, Robotic Designers, artificial intelligence etc.

Intake:

Participation will be limited to a maximum of thirty participants.

Fee & Registration:

Free for students/UG/PG/Research Scholars

Place:

CEDSE- Centre of Excellence for Defence Strategic Equipment
SA106- Electronics and Instrumentation Department
Bharath Institute of Higher Education and Research
Chennai, Tamil Nadu, India-600073

For Further Details Contact:

Bharath Institute of Higher Education and Research
1, Agharam Road Selaiyur, Chennai-600073
Tamil Nadu, India

Tel: +91-44-2220125, +91-22290742

Fax: +91-44-22293886

E-mail: bharathcedse@gmail.com , kanniga.etc@bharathuniv.ac.in

Web: www.bharathuniv.ac.in

A certificate of participation will be presented to the participants on successful completion of the Workshop/Seminar.

* CEDSE reserves the right to cancel the programme and will refund the participants fee if taken in such case. However if the candidate cancel his registration before one week then 90% fee will be refunded if taken from the candidate.



Anchor Faculty profile:

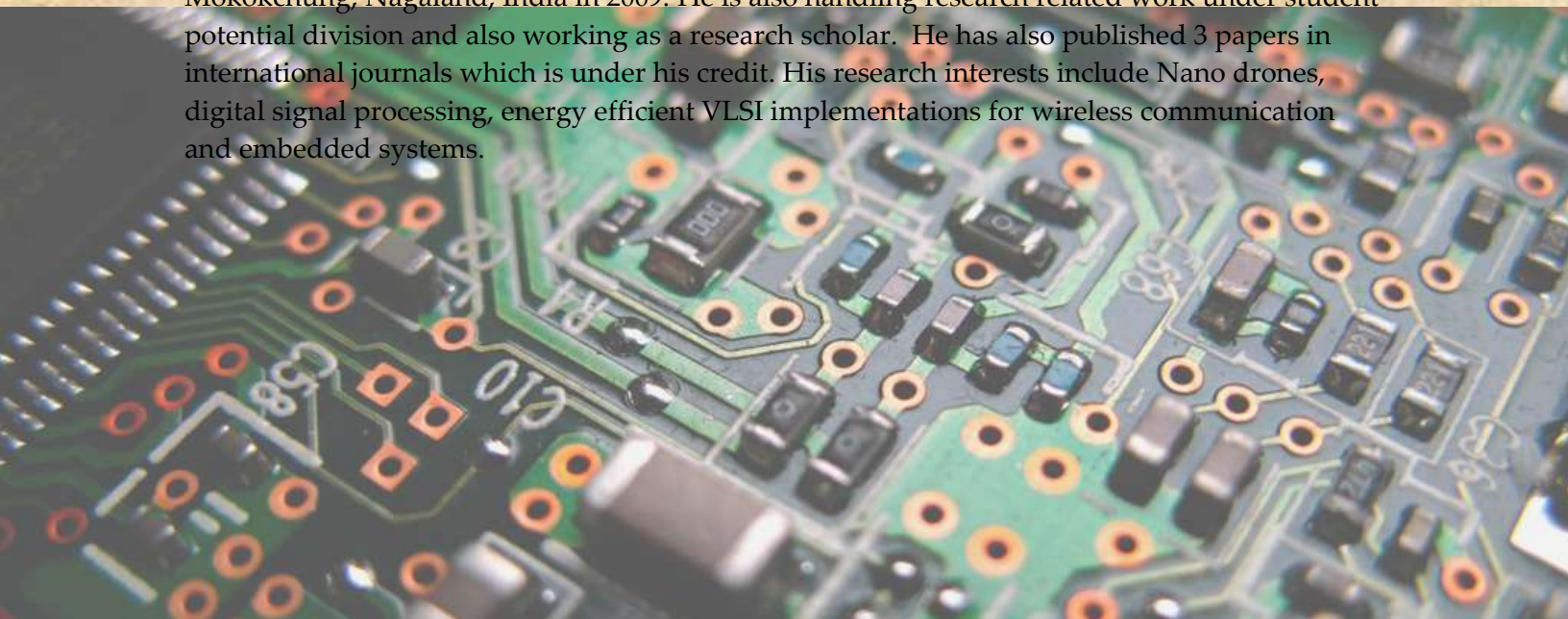
Dr. E. Kanniga was born in 02/06/1977. She has obtained M.E. (AE) Degree from Sathyabama University Chennai, Tamil Nadu, India. She is the Principal faculty and Head of Centre of Excellence for Defence Strategic Equipment and also Head of the Department of Electronics and Instrumentation Engineering Department.

She has presented a number of papers in different national and international conferences. She has a number of national and international journals publications on her credit. She is also a Ph. D. guide and Examiner. She is also visiting Faculty offering Special lectures on various aspects of electronics and Defence Products and its applications at various institutes of repute.

Dr. E. Kanniga has anchored several training workshops/ Seminar on various topics which are related to multidisciplinary aspects. She is also involved in teaching, Research training and client projects mainly in the area of defence applications products.

Her recent research interests include VLSI Nanotechnology, DSP, microprocessor, Networking, PLC, SCADA, LABVIEW, MATLAB, PROTEUS, ARDUINO, MPLAB, satellite communication, Fibre optic communication, and embedded systems Etc..

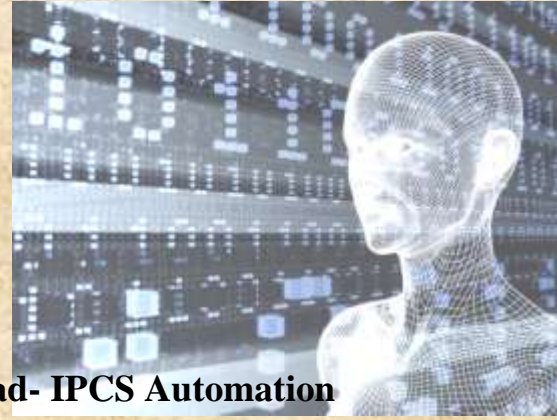
Er. Saurav kumar was born in Bihar, India in 1990. he has received the M.tech degree in Embedded systems at Bharath Institute of Higher Education and Research, formerly (BHARATH UNIVERSITY), Chennai, India in 2016. he received the B.tech degree in electronics and communication from North eastern regional institute of science and technology (NERIST), Arunachal Pradesh, India in 2013. he has also received the diploma degree in electronics and communication from institute of communication and information technology (ICIT), Mokokchung, Nagaland, India in 2009. He is also handling research related work under student potential division and also working as a research scholar. He has also published 3 papers in international journals which is under his credit. His research interests include Nano drones, digital signal processing, energy efficient VLSI implementations for wireless communication and embedded systems.



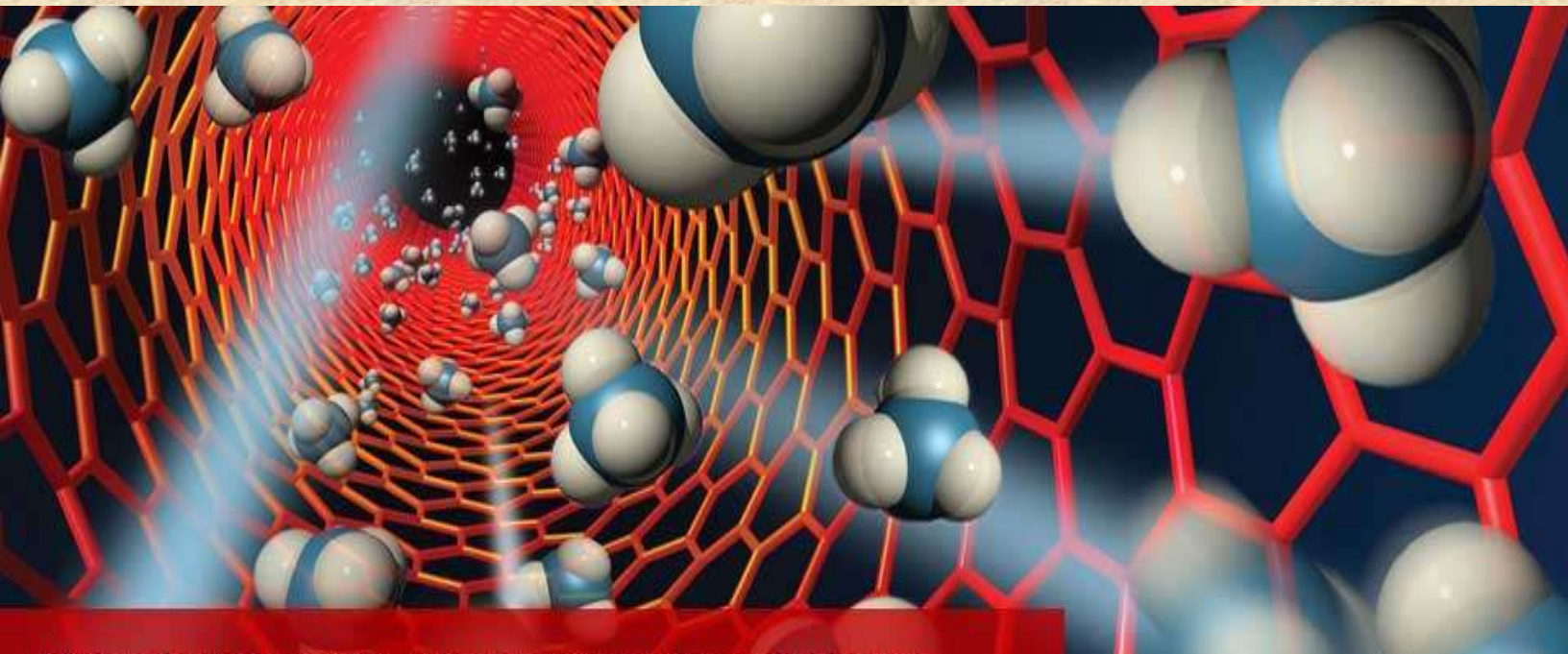
PRESENTER PROFILE:

HMI AND ITS FEATURES – 19TH MARCH 2018

Resource speaker- Er.Abdul Rahman.K- Academic Head- IPCS Automation



He Have Industrial, Technical and Training Exposure. Having great exposure marine automation, worked in many international ships and handled project in Marine industry. Worked as Technical Head in PLC panel erection and commissioning. Expert in servicing of many leading brand PLC like ABB, Siemens, GE Fanuc, Schneider, DELTA etc. Expert in Marine Automation. Expert in multiple brands PLC programming, Embedded, SCADA, and HMI. Conducted Industrial Automation Seminar and PLC, SCADA training programs in many of the Engineering colleges in Tamilnadu and Kerala. Trained more than 1000 students in automation courses at IPCS Automation. Vast experience in handling automation course.





**STUDENT DEVELOPMENT
PROGRAMME
ON
19TH MARCH 2018**

REGISTRATION FORM

1. Name:
2. Designation:
3. Educational Qualification:
4. Institution:
5. Address for communication:
6. Mobile:
7. E-mail:

DECLARATION

The information provided by me is true to the best of my knowledge. I agree by the rules and regulations governing the SDP. If selected, I shall attend the program for the entire duration. I also undertake the responsibility to inform the co-coordinator in advance in case I am unable to attend the course.

Date:

Place:

Signature of the applicant

SPONSORSHIP/ BONAFIDE

Mr./Ms./Dr. _____ is an employee of our Institute/ Organization and is hereby Sponsored For the above SDP. He/She will be permitted to attend the program, if selected.

Date:

Signature with seal