

### About the Institution

The BVC Institute of Technology and science was established in the year 2002, and sponsored by Sri BVC Educational Society to promote technological education to meet the requirements of a developing nation in the context of global concern at the threshold of the twenty first century.

A team of educated, enlightened, experienced technocrats with vision, firmly determined to promote high quality education is striving to provide every facility for achieving excellence. The college is one of the best colleges in Andhra Pradesh. The Standards of teaching are very high when compared with the other colleges. The college is approved by AICTE, New Delhi and permanently affiliated to the Jawaharlal Nehru Technological University, Kakinada. The BVC Institute of technology and science is one among the pioneer Technical Institutes in the state of Andhra Pradesh. The college is certified with ISO 9001-2008 quality certification of QUEST. BVCITS is accredited by the National Assessment and Accreditation Council (NAAC) with "A" grade.

### About EEE Department

The Department of Electrical & Electronics Engineering was started in the year 2003. It has become the most sought-after department among engineering aspirants. The Electrical and Electronics Engineering discipline has been so structured, in terms of experienced staff and excellent laboratory facilities, as to equip the students with knowledge of cutting-edge technologies and give them adequate hands-on experience through laboratory work, innovative projects in Industry and Research Establishments, seminars/work-shops and so on. The Department is being accredited By NBA Committee of AICTE in the year 2013 for a period of 3 years.

Good exposure is given to all the participants to update their practical knowledge with the help of technically strong instructors. The department also takes care of the operation and maintenance of 175KW Grid Connected Solar Power Plant.

### About ECE Department

The Electronics and Communications engineering (ECE) Department was set up in the year 2002. The department offers Undergraduate (UG), Postgraduate (PG) programmes that provide students with the knowledge and tools they need to succeed in this field.

The faculty members have published papers and journals which have been mentioned and acknowledged internationally, with an active ongoing involvement in the Texas Instrument Ltd. Project, with students getting ample exposure in these research activities. The department gives significant importance to high impact disciplines such as Signal and Image Processing, Microwave antennas, Optical communication and Photonics, Embedded systems, IOT and VLSI technologies.

#### Chief Patron

**Sri BONAM KANAKAYYA,**  
Secretary, BVC Educational Society

#### Patron

**Sri BONAM KRISHNA SATISH,**  
Chairman, BVC Educational Society.

#### Chair Person

**Dr. J V G Rama Rao, B.E., M.Tech., Ph.D.,**  
**M.IEEE., M.ISTE., M.IE.**  
Principal, BVCITS.

#### Convener

**Prof. ANVJ Raja Gopal, M.Tech, M.ISTE (Ph.D)**  
Head of the Department  
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#### Remote Center Coordinator

**Dr. B. Muthuvel, M.Tech., M.IETI., M.ISTE., Ph.D,**  
Professor/EEE  
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#### Remote Center Co coordinator

**Mr. BHVVSRRK Pavan, M.Tech., M.IAENG (Ph.D)**  
Assistant Professor/ECE  
**+919948265657**



**NITTTR Chandigarh**

Organizes

**One Week**

**Online Faculty Development  
Program (FDP)**

On

**MATLAB-Artificial  
Intelligence and  
Optimisation Techniques**

From

**November 21<sup>th</sup> - 25<sup>th</sup> 2022**



Jointly Organized By

Department of Electrical and  
Electronics Engineering

&

Department of Electronics and  
Communications Engineering

**BVC INSTITUTE OF TECHNOLOGY &  
SCIENCE**

*(Approved by AICTE, Permanently Affiliated to  
JNTUK, UGC - Recognized, Accredited by NACC,  
ISO 9001:2015 Certified)*

**Batlapalem, Amalapuram, Andhra Pradesh**

## About Faculty Development Program

This Faculty Development Programme (FDP) to cover areas such as technical education policy, new concepts, methods and techniques, theory and skills development & up gradation of pedagogy educational technology, motivation, communication skills, management and other relevant issues to keep pace with the changing scenario in Technical Education.

The scheme is designed to enhance the teaching and other skills of the faculty, Also to make them aware about modern teaching tools & methodologies. It provides an opportunity to acquire knowledge about current technological developments in relevant fields. It will not only promote the professional practices relevant to technical education but also motivates the faculty to achieve competitive teaching and learning environment thus channelizing development with respect to academic qualifications.

### Major Topics to be Covered

- Soft computing Techniques - ANN, FL, DL.
- Bio Inspired Optimisation Techniques - GA, PSO, ABC Algorithms.
- Toolboxes like machine Learning, Neural Network, Fuzzy Logic, Optimization Toolbox

## Registration Guidelines

There is

### NO REGISTRATION FEE

For eligible participants from AICTE approved REMOTE CENTER institutions and Other than Remote center Participants have to pay the Registration fees. (Please refer NITTTR FDP Website for further details)

### NITTTR FDP Registration Link

<https://fdp.nitttrchd.ac.in/backingup/partiregister.php>

### NITTTR FDP Home Page Link

<https://fdp.nitttrchd.ac.in/backingup/>

### Online Platform

A seminar hall with good internet facility, projector and white screen will be provided to conduct NITTTR Online mode FDP. So All the registered participants have to report Remote center at BVCITS Campus and attend the program through Remote center.

**Session Timings: 09.30 AM**



## Resource Persons

Sessions will be conducted by eminent faculties from NITTTR Chandigarh will provide theoretical and practical insights about soft computing Techniques, Bio Inspired Optimization Techniques, Toolboxes like Machine Learning and Deep Learning, Neural Network, Fuzzy logic, ANFIS, Optimization Toolbox.

### Who Can Register?

Faculty, Research Scholars, MATLAB design and Programming Engineers, R & D Engineers, Technicians, etc...

### E- Certificate

**E-Certificate** will be given by the NITTTR to all the participants with **successful completion of one week online FDP**.

### Online Mode

The program will be conducted using Google Meet. Participants have to attend the Online FDP through Remote Center (BVCITS) assigned by NITTTR Chandigarh. Physical present is mandatory to get attendance for all days of FDP.

### Important Date

Last Date for Registration **18.11.2022**

**(TWO days before of actual start date of the Training Program)**

### Contact:

Coordinator - 9842561357  
Co coordinator - 9948265657  
Convener - 9492112200

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