



VISHVESHWARYA GROUP OF INSTITUTIONS

Affiliated to AKTU, Lucknow (U.P.) | CCS University, Meerut (U.P.)
Technical Campus, Approved by AICTE / UGC / PCI / BTE / BCI
Approved by Ministry of Education, Govt. of India



B.Tech.

Electronics & Comm. Engg.

EMPLOYABILITY PROGRAMME



ENGAGE • EMPOWER • EMPLOY

Major in Digital Forensics
Minor in Image Processing



Call: 8130293785/8882497736 | Toll Free: 1800 8430 400

Vishveshwarya Campus

20 km from Ghaziabad on Bulandshahr G.T. Road, NH-91, Gr. Noida Phase-II, G.B. Nagar, Pincode: 203207 (U.P.)

website: www.vgi.ac.in

PROGRAM OUTCOMES

-  • Comprehension of image processing expertise to solve issues in forensics, language translation, etc.
-  • Design experiments, analyze, synthesize, and interpret results using research-based knowledge.
-  • An ability to create, choose, and use cutting-edge engineering tools required for electronics and communication engineering.
-  • The role of digital forensics and its relationship to traditional science, as well as the appropriate use of scientific methods.
-  • An understanding of how to apply science properly, as well as the function of digital forensics.
-  • An ability to understand the processes of identification, preservation, inspection, analysis, and reporting.



B.Tech. Employability

Electronics & Communication Engineering (ECE)*

STAGES FOR VALUE ADDITION IN DIGITAL FORENSICS

Semster 2.

Need & Importance of Forensic (Awareness program)

External Experts

Semster 3.

Role of Computation in Forensics

External Certification

Semster 4.

Etics Policies & IT Act

External Certification

Semster 5.

Forensics in Social Behaviour

External Certification

Semster 6.

Training on MATLAB

External Certification

Case Studies Using MATLAB/ Advanced Excel

Summer Internship/ Mini Project

Academic Partner

Semster 7.

Cyber Laws & Cyber Security

External Experts

Semster 8.

Incident Response Management

External Experts

Semster 9.

Major Project Based on Real Forensics & Cyber Security Issues

Academic Partner





**Career
Prospects After
B.Tech.
Employability
Electronics &
Communication**

Our Prospective Recruiters

HCL

Capgemini

Cognizant

paraben
corporation

amazon

Infosys
BPM



Zentek
Forensics Limited

MAGNET
FORENSICS



Image Enhancement
Motion Estimation
Stabilization Contrast
Enhancement
Super-Resolution

Modeling, the world
Mosaicking
3D Modeling

Object Information
Object detection
Tracking
Change detection

Situation assessment
Activity Recognition
Interactions
Pattern -of-life

TECHNOLOGIES USED IN IMAGE PROCESSING

APPLICATIONS OF IMAGE PROCESSING & COMPUTER VISION



Automatic Visual Inspection System

Remotely Sensed Scene Interpretation

Biomedical Imaging Techniques

Defense Surveillance

Content Based Image Retrieval

Moving Object Tracking

EXPECTED GROWTH OF MARKET FOR IMAGE PROCESSING (WORLD WISE)

Global Image Processing System Market 2022-2029

