

#### Vishveshwarya

Group of Institutions Friliated to AKTU, Lucknow (U.P) | CCS University, Meerut (U. Technical Campus, Approved by AICTE / UGC / PCI / BTE / BCI Approved by M.HRD (Government of India)



## B.Tech. Electronics & Comm. Engg. EMPLOYABIL





ajor in Digital Forensics inor in Image Processing



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Vishveshwarya Campus 20 km from Ghaziabad on Bulandshahar 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.

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• 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

Communication & Behaviour Building

Semster 1.

Team Dakshata

Semster 2.	Semster 3.	Semster 4.	
Need & Importance of Forensic (Awarness program)	Role of Compulation in Forensics	Etics Policies & IT Act	
External Experts	External Certification	External Certification	
Semster 5.	Semster 6.	Case Studies Using MATLAB/ Advanced Excel	
Forensics in Social Behaviour	Training on MATLAB	Summer Internship/ Mini Project	
External Certification	External Certification	Academic Partner	
Semster 7.	Semster 8.	Semster 9.	
Cyber Laws & Cyber Security	Incident Response Management	Major Project Based on Real Forensics & Cyber Security Issues	
External Experts	External Experts	Academic Partner	







Image Enhancement Motion Estimation Stabilization Contrast Enhancement Super-Resolution

**Modeling, the world** Mosaicking 3D Modeling **Object Information** Object detection Tracking Change detection

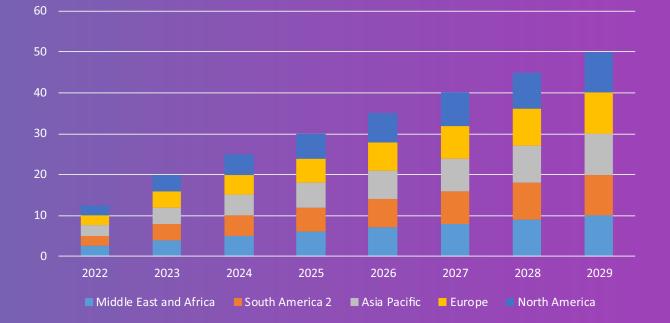
#### **TECHNOLOGIES USED** IN IMAGE PROCESSING

**Situation assessment** Activity Recognition Interactions Pattern –of–life

#### **APPLICATIONS OF IMAGE PROCESSING & COMPUTER VISION**



**IMAGE PROCESSING (WORLD WISE)** 



#### Global Image Processing System Market 2022-2029