



Centre of Competence in Visual Computing

Certification by Bharzawa Info Tech Solutions Private Ltd

Internship Modules for Engineering students

- M1. Drone image analysis for identifying potholes on highways
- M2. Quantifying the availability of surface water from satellite images
- M3. Air Canvas - A Virtual Pen
- M4. Image captioning to assist the visually challenged
- M5. Tracking the gaze of the person
- M6. Chatbot design to assist rural education
- M7. Real-time pose estimation of patients in hospitals / students in online class
- M8. Recognizing and converting sign language to speech
- M9. Computer vision and Intelligence methodologies for plant data analysis.
- M10. AI for the Forecasting of Waste water Quality Indicators
- M11. Automated reading of Ancient Records
- M12. 3D Reconstruction of Historical Monuments
- M13. Satellite Imagery Analysis using Machine Learning
- M14. Tool wear monitoring of CNC milling machine cutter using artificial neural networks
- M15. Digital image processing for tool wear monitoring in turning center
- M16. Early Disease Diagnosis and Treatment Plan from Dental Panoramic Images.
- M17. Determination of intraoral surface areas by cone-beam computed tomography analysis in Dentistry.
- M18. Electronic Voting System based on Blockchain
- M19. Blockchain in KYC verification
- M20. Blockchain-based Patient Data Management System
- M21. Peer To Peer Carpooling.
- M22. Skill Verification System.
- M23. Fake Product Identification System.
- M24. Hacking an Offline Device

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