New Media and AR/VR Professional

Develop immersive VR, AR, XR and mixed reality solutions for digital healthcare, medical education and simulation, plus 3D content, animation and video. Includes teaching postgraduate students.

Key details

Advertisement No.
IITI-DRISHTI-CPS/Sec-8/2026/34

Location
IIT Indore

Positions
1

Last date to apply
2 December 2026

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About the Foundation

IITI DRISHTI CPS Foundation is a Technology Translation Research Park hosted at IIT Indore and supported by the Department of Science & Technology, Government of India. It works on Digital Healthcare, Cyber-Physical Systems, system simulation and modelling, and commercialisation of deep-tech innovations. Its flagship platform is CharakDT, a Digital Health and Clinical Decision Support ecosystem. drishticps.org

Roles and responsibilities

Immersive development

- Build VR, AR, XR and mixed reality applications and 3D simulation environments
- Create simulations for medical training, clinical scenarios and patient education
- Visualise anatomy, physiology and healthcare data; support Digital Twin applications

Content and production

- Create 3D models, animations, graphics and visual effects
- Handle photography, cinematography, video and post-production when needed
- Integrate assets into software platforms; test and refine applications

Collaboration and teaching

- Turn clinician and researcher requirements into complete solutions
- Maintain technical documentation and project assets
- Teach postgraduate students and run workshops

Key skills and competencies

VR, AR, XR and mixed reality technologies

3D modelling, animation, graphics and visual effects

Immersive environment and simulation design

Photography, cinematography and post-production

UI/UX and interactive application development

Qualifications and experience

Essential

- Bachelor's degree in Computer Application with specialisation
- Minimum 5 years in VR/XR, mixed reality, animation, graphics, visual effects, photography and cinematography
- Experience independently delivering complete digital media or immersive projects

Preferred

- Healthcare AR/VR, medical simulation or visualisation
- 3D visualisation of anatomy, procedures or healthcare data
- Digital Twin concepts and educational or training applications
- Willingness to teach and mentor

Compensation and selection

Compensation: as per industry standards.

Only shortlisted candidates will be called for a written test, interaction or interview. Meeting the eligibility criteria does not guarantee shortlisting. The company may cancel or not fill the post without giving a reason. The position is contractual, full-time and subject to periodic performance reviews.