

## Qualification & Experience

### 1. Professor:

(a) Ph. D. degree in relevant field and First class or equivalent at either Bachelor's or Master's level in the relevant branch.

**AND**

(b) Minimum of 10 years of experience in teaching / research / industry out of which at least 3 years shall be at a post equivalent to that of an Associate Professor.

**AND**

(c) At least 6 research publications at the level of Associate Professor in SCI journals / UGC / AICTE approved list of journals and at least 2 successful Ph.D. guided as Supervisor / Cosupervisor till the date of eligibility of promotion.

**OR**

At least 10 research publications at the level of Associate Professor in SCI journals / UGC / AICTE approved list of journals till the date of eligibility of promotion.

S.N.	Post	Department	Desirable Specialisation
1.	Professor (Pharmacy)	Department of Applied Science	<ul style="list-style-type: none"> <li>• Pharmaceutical Sciences (Pharmaceutics/Pharmacology/ Pharmacognosy)</li> <li>• Drug Designing</li> </ul>
2.	Professor (Architecture)	Department of Civil Engineering & Environmental Education	-
3.	Professor (Civil Engineering)	Department of Civil Engineering & Environmental Education	<ul style="list-style-type: none"> <li>• Geo - Spatial Engineering</li> <li>• Urban Transportation Planning</li> <li>• Urban City Planning</li> <li>• Smart and Composite Structures</li> <li>• Building Information Modeling</li> <li>• Sustainable Construction Materials and Technologies</li> <li>• ANN Application in Structural Engineering</li> <li>• Ground Water System Planning &amp; Management</li> <li>• Intelligent Transportation System in Civil Engineering</li> </ul>

<b>S.N.</b>	<b>Post</b>	<b>Department</b>	<b>Desirable Specialisation</b>
4.	Professor (Computer Science and Engineering)	Department of Computer Science & Engineering Education	<ul style="list-style-type: none"> <li>• Artificial Intelligence and Machine Learning</li> <li>• Cloud Computing</li> <li>• Big Data Analytics</li> <li>• Block chain and Decentralized Systems</li> <li>• Cyber Security</li> <li>• Internet of Things</li> <li>• Networking and Embedded Systems</li> <li>• High-Performance Computing - Quantum Computing</li> <li>• Computer Vision and Augmented Reality</li> <li>• Wireless Networks and Distributed Systems</li> <li>• Natural Language Processing</li> <li>• Data Mining and Databases</li> <li>• Robotic programming in Computer Engineering</li> </ul>
5.	Professor (Curriculum Development & Assessment)	Department of Curriculum Development & Assessment Education	<ul style="list-style-type: none"> <li>• Assessment</li> <li>• Curriculum Design &amp; Development</li> <li>• Education Technology</li> </ul>
6.	Professor (Electrical & Electronics)	Department of Electrical Electronics Engineering Education	<ul style="list-style-type: none"> <li>• Drone Technology</li> <li>• EV Technology and Electrical Drives</li> <li>• IoT and Sensor System / Industry IoT</li> <li>• Power system Automation / Smart Grid</li> <li>• Advanced Digital Communication</li> <li>• VLSI Design</li> <li>• RF Engineering, 5G, 6G and beyond</li> <li>• Micro Electrical and Mechanical system (MEMS)</li> <li>• Sensors in Electronics Engg.</li> </ul>
7.	Professor (Design)	Department of Mechanical Engineering Education	<ul style="list-style-type: none"> <li>• Product Design</li> <li>• Industrial Design</li> </ul>
8.	Professor (Mechanical Engineering)	Department of Mechanical Engineering Education	<ul style="list-style-type: none"> <li>• Industrial Automation</li> <li>• Digital manufacturing</li> <li>• Application of Robotics</li> <li>• Advanced Production Systems</li> <li>• Industrial engineering and Quality Management</li> <li>• Smart System</li> <li>• Additive Manufacturing</li> <li>• Green Manufacturing</li> <li>• Product Design, Simulation and Validation</li> </ul>

<b>S.N.</b>	<b>Post</b>	<b>Department</b>	<b>Desirable Specialisation</b>
9.	Professor (Technical & Vocational Education)	Department of Technical & Vocational Education	<ul style="list-style-type: none"> <li>• Education Psychology</li> <li>• TVED Curriculum for IR 4.0</li> <li>• Startup/Entrepreneurship</li> <li>• Industry Institute Partnership</li> <li>• Work-based Learning/Apprenticeship Training</li> </ul>

## **2. Associate Professor:**

(a) Ph. D. degree in relevant field and First class or equivalent at either Bachelor's or Master's level in the relevant branch.

**AND**

(b) At least total 6 research publications in SCI journals / UGC / AICTE approved list of journals.

**AND**

(c) Minimum of 8 years of experience in teaching / research / industry out of which at least 2 years shall be Post Ph.D. experience

<b>S.N.</b>	<b>Post</b>	<b>Department</b>	<b>Desirable Specialisation</b>
1.	Associate Professor (Computer Science)	Department of Computer Science & Engineering Education	<ul style="list-style-type: none"> <li>• Artificial Intelligence and Machine Learning</li> <li>• Cloud Computing</li> <li>• Big Data Analytics</li> <li>• Block chain and Decentralized Systems</li> <li>• Cyber Security</li> <li>• Internet of Things</li> <li>• Networking and Embedded Systems</li> <li>• High-Performance Computing - Quantum Computing</li> <li>• Computer Vision and Augmented Reality</li> <li>• Wireless Networks and Distributed Systems</li> <li>• Natural Language Processing</li> <li>• Data Mining and Databases</li> <li>• Robotic programming in Computer Engineering</li> </ul>

<b>S.N.</b>	<b>Post</b>	<b>Department</b>	<b>Desirable Specialisation</b>
2.	Associate Professor (Electrical & Electronics)	Department of Electrical Electronics Engineering Education	<ul style="list-style-type: none"> <li>• Drone Technology</li> <li>• EV Technology and Electrical Drives</li> <li>• IoT and Sensor System / Industry IoT</li> <li>• Power system Automation / Smart Grid</li> <li>• Advanced Digital Communication</li> <li>• VLSI Design</li> <li>• RF Engineering, 5G, 6G and beyond</li> <li>• Micro Electrical and Mechanical system (MEMS)</li> <li>• Sensors in Electronics Engg.</li> </ul>
3.	Associate Professor (Mechanical Engineering)	Department of Mechanical Engineering Education	<ul style="list-style-type: none"> <li>• Industrial Automation</li> <li>• Digital manufacturing</li> <li>• Application of Robotics</li> <li>• Advanced Production Systems</li> <li>• Industrial engineering and Quality Management</li> <li>• Smart System</li> <li>• Additive Manufacturing</li> <li>• Green Manufacturing</li> <li>• Product Design, Simulation and Validation</li> </ul>
4.	Associate Professor (Media Research & Development)	Department of Media Research & Development Education	<ul style="list-style-type: none"> <li>• Multimedia</li> <li>• Education Technology</li> <li>• Adaptive Learning and Learning Analytics</li> <li>• Educational Gaming technology</li> <li>• Virtual and Augmented Reality</li> <li>• Cognitive Science</li> </ul>
5.	Associate Professor (Technical & Vocational Education)	Department of Technical & Vocational Education	<ul style="list-style-type: none"> <li>• Education Psychology</li> <li>• TVED Curriculum for IR 4.0</li> <li>• Startup/Entrepreneurship</li> <li>• Industry Institute Partnership</li> <li>• Work-based Learning/Apprenticeship Training</li> </ul>

### 3. Production Manager:

#### Qualifications:

(a) Degree in any discipline with diploma in Direction from a recognized Institution.

OR

(b) Degree in any discipline with Diploma in film making & direction from any reputed Institution

OR

(c) Bachelor's Degree in science subjects/Communication & Journalism, Master's Degree in any discipline with work management experiences of camera, lighting, direction, audio recording, music composition, editing etc.

**Work experiences for serial (a) & (b)**

1. Experience of minimum 7 years in the production of educational instructional films/videos and/or instructional TV programmes.
2. Should have produced minimum of ten national level videos for educational and training purposes in last three years
3. Should have produced videos in different formats – Lectures, documentary, drama, advertisement, Commercial, etc.

**Work experiences for serial (c)**

1. Experience of minimum 7 years in the production of educational instructional films/videos and/or instructional TV programmes.
2. Should have produced minimum of twenty national level videos for educational and training purposes.
3. Should have produced videos in different formats – Lecture, documentary, drama, advertisement/commercial, etc.