

14 July 2026

Notification for Recruitment of Software Engineer, Electrical Engineering
Project funded by the IPTIF TDSP
Ref: IITPKD/2026/029/EE/SRV

- **Project Areas:** Development of secure, scalable, and intelligent software solutions for Cyber Physical Systems (CPS) integrated with Artificial Intelligence (AI) for Smart Agriculture. The work focuses on full-stack application development, cloud-based services, API development, real-time data processing, IoT system integration, data visualization, and AI-enabled decision support. The research emphasizes software reliability, system scalability, secure application development, efficient data management, and user-centric software solutions for sustainable agricultural applications.
- **Required Skills:** Hands-on experience in software development using modern programming languages such as Python, JavaScript/ TypeScript, Java, or C#. Knowledge of frontend and backend development, including HTML, CSS, JavaScript, React/ Angular/ Vue, and backend frameworks such as FastAPI, Django, Node.js, or Spring Boot. Experience in RESTful API development, database design, and system integration. Familiarity with SQL and NoSQL databases such as PostgreSQL, MySQL, MongoDB, or equivalent. Understanding of cloud platforms, containerization (Docker), and CI/ CD workflows for application deployment. Experience with version control systems (Git/GitHub) and collaborative software development practices. Knowledge of software testing, debugging, performance optimization, and secure coding practices. Exposure to IoT applications, AI/ ML integration, real-time data processing, and dashboard development is desirable.
- **Eligibility:** B.Tech./ B.E., M.Tech./ M.E., MCA, M.Sc., or an equivalent degree in Computer Science, Information Technology, Electronics and Communication Engineering, Artificial Intelligence, Data Science, or related disciplines. Experience in AI/ ML, IoT, cloud computing, DevOps, or mobile/web application development will be an added advantage.
- **Age:** Candidates who are not exceeding 31 years of age, as on the closing date of application, with relaxation to candidates belonging to OBC/ SC/ ST/ PWD categories and women applicants as per Government of India norms.
- **Appointment Duration:** Till 30 November 2026.
- **No. of Positions:** Two

- **Salary Particulars:** The consolidated monthly remuneration for this position will be in the range between Rs. 15,000/- to Rs. 25,000/- (Fifteen Thousand Rupees to Twenty-Five Thousand Rupees Only). Hostel accommodation may be provided at the institute based on availability on a chargeable basis.
- **Deadline for application:** 22 July 2026 (Wednesday)

Eligible candidates satisfying the required skills may submit the application by filling out the Google form: <https://forms.gle/BVtvxB6Gsfy97bD47>. The candidate is expected to join immediately after receiving the offer letter.
