



Indian Institute of Technology Guwahati

Research and Development Section

Guwahati-781039, Assam

Applications are invited for an **Online interview** for the following post(s) in the project entitled, "**AI-based Procurement RFX Automation for NRL Refinery – Phase 2**" at the Department of Chemical Engineering, IIT Guwahati.

Date: 12-Sep-2026 (Saturday)

Time: 10:00 AM

Venue: Online

Sl. No.	Designation	Number of Vacancies	Pay Recommended (Rs.)	HRA (Rs.)	Medical (Rs.)	Total Amount (Rs.)	Duration of Appointment in months	Qualifications
1	Domain Expert - Procurement	02	61,000	20% of pay recommended	As per institute norms	As applicable (HRA/Medical as per norms)	11 months (extendable till 18 months or project end date)	Essential Qualifications: • Bachelor's degree in Commerce, Business Administration, Engineering, Law, Finance, Economics, Public Administration, Supply Chain Management, or a related discipline from a recognized university or institution. • Minimum 60% marks or equivalent CGPA in the qualifying degree. • Minimum three years of hands-on experience in procurement, tendering, contract management, or public procurement processes. • Working knowledge of GeM, CPP Portal, NIC e-Procurement platforms, and offline procurement procedures. • Demonstrated understanding of General Financial Rules (GFR), Procurement Manuals for Goods, Works and Services, MSME guidelines, Make in India provisions, and other applicable

								government procurement frameworks. • Experience in at least two of the following: tender preparation and RFx documentation; bid evaluation and comparative statement preparation; purchase order or work order processing; contract award and procurement compliance; procurement workflow documentation or process mapping. Preferred Qualifications: • Postgraduate degree or diploma in Management, Finance, Supply Chain Management, Public Policy, Law, or Procurement Management. • Experience in government, PSUs, autonomous institutions, academic institutions, publicly funded projects, or large institutional procurement systems. • Certification or training in public procurement, GeM, e-procurement, contract management, supply chain management, or procurement compliance. • Experience in translating procurement processes into digital workflows, ERP systems, procurement-automation tools, or AI-enabled procurement solutions. • Strong documentation experience in preparing NIT, SCC, BoQ, PQC, bid-evaluation sheets, comparative statements, approval notes, and procurement-compliance records. Screening Note: <i>Candidates must have at least three years of hands-on procurement or tendering experience, working knowledge of GeM/CPP/e-procurement platforms, and demonstrable familiarity with public procurement rules.</i>
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2	Consultant	01	1,00,000 (consolidated)	—	—	1,00,000 (consolidated)	11 months (extendable till 18 months or project end date) Essential Qualifications: • Bachelor's degree in Computer Science, Information Technology, Artificial Intelligence, Data Science, Machine Learning, Electronics and Communication Engineering, Electrical Engineering, Mathematics, Statistics, or a related engineering/science discipline from a recognized university or institution. • Minimum 60% marks or equivalent CGPA in the qualifying degree. • Minimum five years of professional experience in AI/ML, NLP, LLMs, SLMs, or enterprise AI-system development. • Hands-on experience in at least three of the following: SLM/LLM training and fine-tuning; NLP model development; Retrieval-Augmented Generation (RAG); prompt engineering and optimization; model evaluation, benchmarking, and validation; domain adaptation; deployment of AI/ML models in enterprise or domain-specific applications. • Working knowledge of Python and AI/ML frameworks such as PyTorch, TensorFlow, Hugging Face, LangChain, LlamaIndex, or equivalent. • Ability to guide technical teams on model architecture, training pipelines, fine-tuning strategy, evaluation protocols, and performance improvement. Preferred Qualifications: • Master's degree or Ph.D. in Artificial Intelligence, Machine Learning, Data Science, Computer Science, NLP, Computational Linguistics, or a related discipline. • Consulting, advisory, or technical-leadership experience in AI/ML product development. • Experience in procurement, compliance, legal, finance,
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								or government-process automation systems. • Experience with document intelligence, procurement-document processing, tender automation, compliance checking, or workflow automation. • Familiarity with GFR, procurement manuals, GeM/CPP/NIC tendering systems, MSME, Make in India, or PSU procurement workflows. • Publications, patents, deployed AI products, open-source contributions, or a demonstrable project portfolio in LLMs, SLMs, NLP, or RAG-based systems. Screening Note: Candidates must have at least five years of hands-on AI/ML experience and direct exposure to SLM/LLM, NLP, RAG, model fine-tuning, and model evaluation. General software-development or basic IT-support experience alone will not be considered sufficient.
3	Project Manager	01	2,00,000	20% of pay recommended	As per institute norms	As applicable (HRA/Medical as per norms)	11 months (extendable till 18 months or project end date)	Essential Qualifications: • Bachelor's degree in Engineering, Computer Science, Information Technology, Artificial Intelligence, Data Science, Electronics and Communication Engineering, Electrical Engineering, Business Administration, Project Management, or a related discipline from a recognized university or institution. • Minimum 60% marks or equivalent CGPA in the qualifying degree. • Minimum ten years of professional experience in managing software, AI/ML, digital transformation, IT product development, or enterprise technology projects. • Proven experience in handling at least two end-to-end technology projects, covering requirement gathering, planning,

								execution, monitoring, delivery, and closure. • Experience in managing cross-functional teams, including product, engineering, AI/ML, QA, business, and client-side stakeholders. • Working knowledge of Agile, Scrum, Waterfall, and hybrid project-management methodologies. • Experience with Jira, MS Project, Trello, Asana, ClickUp, Azure DevOps, or equivalent tools. • Ability to prepare and manage project plans, timelines, risk registers, status reports, resource plans, stakeholder communications, and governance-review documents. Preferred Qualifications: • Master's degree or postgraduate qualification in Management, Technology Management, Computer Science, Data Science, Artificial Intelligence, Business Analytics, or Project Management. • PMP, PRINCE2, Scrum Master, Agile Project Management, SAFe, or equivalent certification. • Experience in AI/ML, NLP, LLM/SLM, procurement automation, enterprise SaaS, ERP, government digital platforms, or public-sector technology projects. • Experience coordinating with government agencies, PSUs, academic institutions, technology vendors, or multi-institution project teams. • Experience managing high-value projects involving budget tracking, milestone-based delivery, compliance reporting, and stakeholder reviews. • Experience preparing minutes of meetings, project-governance reports, technical-progress reports, risk-mitigation plans, and client-facing dashboards. Screening Note:
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								Candidates must have at least ten years of relevant technology-project-management experience. General administration, office management, sales coordination, or non-technology project experience alone will not be considered sufficient.
4	Software Quality Assurance Engineer – Automation & API Testing	01	55,500	20% of pay recommended	As per institute norms	As applicable (HRA/Medical as per norms)	11 months (extendable till 18 months or project end date)	Essential Qualifications: • Bachelor's degree in Computer Science, Information Technology, Software Engineering, Artificial Intelligence, Data Science, Electronics and Communication Engineering, Electrical Engineering, Computer Applications, or a related engineering/technology discipline from a recognized university or institution. • Minimum 60% marks or equivalent CGPA in the qualifying degree. • Minimum two years of hands-on experience in software testing, QA automation, web-application testing, or API testing. • Practical experience with Playwright, Selenium, Cypress, or an equivalent automation-testing framework. • Working knowledge of Python, JavaScript, TypeScript, or an equivalent programming/scripting language. • Experience in writing and executing test cases, test scripts, test plans, regression-test suites, and defect reports. • Experience in testing web and REST API-based applications using Postman, REST clients, PyTest, Playwright API testing, or equivalent frameworks. • Working knowledge of Jira, Bugzilla, TestRail, Zephyr, Azure DevOps, or equivalent defect-tracking/test-management tools. • Basic understanding of Agile/Scrum, the software-development lifecycle, CI/CD pipelines, and

								release-validation processes. Preferred Qualifications: • Certification or training in software testing, QA automation, Selenium, Playwright, API testing, Agile testing, or ISTQB. • Experience testing AI/ML applications, data-driven applications, procurement platforms, enterprise SaaS products, or workflow-automation systems. • Experience with GitHub Actions, Jenkins, GitLab CI, Azure DevOps, or equivalent CI/CD tools. • Exposure to JMeter, k6, Locust, or equivalent performance-testing tools. • Exposure to Docker, Kubernetes, cloud platforms, security testing, or accessibility testing. • Experience preparing test-strategy documents, execution reports, defect logs, automation-coverage reports, and release-readiness reports. Screening Note: <i>Candidates must have at least two years of hands-on software-testing experience and direct exposure to automation-testing tools such as Playwright, Selenium, or Cypress.</i>
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Mode: Online through Google Meet. **Meeting link:** The Google Meet link will be shared only with the shortlisted candidates.

Selection will be based on the candidate's qualifications, relevant experience, and performance in the online interview. Candidates recommended by the Selection Committee will be issued an offer letter in accordance with the applicable rules and approval procedures of IIT Guwahati. Candidates will not be sent any call letter separately. Where considered necessary, shortlisted or provisionally selected candidates may be requested to visit IIT Guwahati once for an in-person interaction, document verification, technical assessment, or completion of joining formalities.

For any clarification, contact: Prof. Neeraj Kumar Sharma (Principal Investigator)

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How to apply and selection process:

Interested and eligible candidates should apply online by visiting the Recruitment Portal of Research & Development Cell, IIT Guwahati (<https://iitg.ac.in/rndproj/recruitment/>).

Applicants must carefully follow the instructions and guidelines provided on the portal. The relevant position can be accessed by searching for the project title as mentioned in this advertisement.

For any technical assistance related to the online application process, candidates may email to ernd@iitg.ac.in.