# राष्ट्रीय इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी संस्थान (रा.इ.सू.प्रौ.सं.), कालिकट

## NATIONAL INSTITUTE OF ELECTRONICS AND
## INFORMATION TECHNOLOGY (NIELIT), CALICUT

(An Autonomous Scientific Society of Ministry of Electronics & Information Technology, Government of India)

NIT Campus PO, CALICUT - 673 601

☏ **0495 2287266; Web: http://nielit.gov.in/calicut**

National Institute of Electronics and Information Technology (NIELIT) Calicut is a premier organization engaged in Education, Training, R&D and Consultancy in the areas of Electronics, IT and ITES. We conduct courses both in the formal (M. Tech) and Non-formal (PG Diplomas and customized courses etc.) sectors. We also conduct online proctored examination and Recruitment Activity. We also plan to conduct courses in 3D Printing/Additive Manufacturing Technology. We require the following staff on **contract basis** for conducting courses in the field of 3D Printing / Additive Manufacturing Technology/Artificial Intelligence/Special Manpower Development Program-Chip to System Design (SMDP-C2SD). **Last date for submitting the application is 03.03.2021.**

| NAME OF THE PROJECT : FUTURE SKILLS PRIME PROJECT - 3DPAM | |
|---|---|
| Name of the post | **SENIOR CONSULTANT** |
| No. of Posts | Two |
| Qualification | <u>Essential</u>: BE/B Tech in Mechanical /Production Engineering - 1st class or equivalent CGPA with 5 years' experience* or ME/M Tech in Design/ Manufacturing Engineering - 1st class or equivalent CGPA with 2 years' experience*. |
| Experience | Experience in course material development, handling classes for additive manufacturing and well versed with additive manufacturing technologies, Design for AM, CAD & Reverse Engineering.<br>Good communication skills.<br>Preference shall be given to retired employees/faculty/professionals from Government sector (Engineering colleges)<br>* Relaxation shall be given to deserving candidates |
| Job Profile | Course design with inputs from TSC, training material development, course conduction, liaison with various stake holders, Support Manager & Head RC & any other works assigned as part of Future Skill Prime Additive Manufacturing |
| Age | Below 65 years |
| Selection Process | Candidates will be screened and selected based on Qualification/Grade, Relevant Experience, Performance in Written Test/Interview |
| Duration of engagement | Initially for Six months, extendable upto project duration based on the performance and co-terminus with the project |
| Remuneration | Between Rs.65000/- to 75000/- |
| Name of the post | **CONTENT WRITER** |
| No. of Posts | One |
| Qualification | <u>Essential</u>: BE/B Tech in Mechanical /Production Engineering - 1st class or equivalent CGPA with 5 years' experience* or ME/M Tech in Design/Manufacturing engineering - 1st class or equivalent CGPA with 2 years' experience*. |
| Experience | Experience in Course material development, handling classes for additive manufacturing and well versed with additive manufacturing technologies, Design for AM, CAD & Reverse Engineering<br>Good communication skills<br>Preference shall be given to retired employees/faculty/professionals from Government sector (Engineering colleges)<br>* Relaxation shall be given to deserving candidates |
| Job Profile | Work with internal teams to obtain an in-depth understanding of the product and the documentation requirements.<br>Produce high-quality content that meets applicable standards and is appropriate for its intended audience. Create video tutorials to help end-users use a variety of applications. Create and maintain the information architecture. Produce well-researched content for publication online. Organize writing schedules to complete drafts of content or finished projects within deadlines. Experience in Technical Writing, Instructional Designing and video content and IPR rules and regulations. Superior English language skills along with strong communication and writing ability & Highly skilled in Microsoft Word. Experience in content and/or technical writing domain. |
| Age | Below 65 years |
| Selection Process | Candidates will be screened and selected based on Qualification/Grade, Relevant Experience, Performance in Written Test/Interview |
| Duration of engagement | Initially for Six months, extendable upto project duration based on the performance and co-terminus with the project |
| Remuneration | Between Rs.55000/- to 60000/- |

| Name of the post | PROJECT ENGINEER |
|---|---|
| No. of Posts | Two |
| Qualification | Essential: BE/BTech in Mechanical/Production Engineering with proficiency in 3D Printing and Additive Manufacturing<br>Desirable: M.Tech in Design/Manufacturing |
| Experience | Experience in handling classes for AM, DFAM, CAD modelling, 3D Printer installation, Operation and Trouble shooting and Reverse Engineering.<br>Good communication skills |
| Job Profile | Smooth coordination with Lead / Resource Centers & Participants industries & agencies. Course syllabus / materials - Design, Development, and Conduction (online/class room) for the participants from IT Industry under Future Skills Prime in Additive Manufacturing. MIS activities related to the scheme & any other works assigned as part of Future Skill Prime Additive Manufacturing |
| Age | Below 35 years |
| Selection Process | Candidates will be screened and selected based on Qualification/Grade, Relevant Experience, Performance in Written Test/Interview |
| Duration of engagement | Initially for Six months, extendable upto project duration based on the performance and co-terminus with the project |
| Remuneration | Between Rs.40000/- to 45000/- |

| Name of the post | SENIOR EXECUTIVE |
|---|---|
| No. of Posts | One |
| Qualification | Essential: BE/BTech in CS/IT/Mechanical Engg. with proficiency in Computer Network Management |
| Experience | Experience in system administration, Virtual labs, LMS for online content delivery, Video/Audio lecture creation, Good communication skills |
| Job Profile | Setting up, configuration & administration of virtual lab and mini data centre. LMS administration & MIS activities & Any other works assigned as part of Future skill prime – Additive manufacturing |
| Age | Below 35 years |
| Selection Process | Candidates will be screened and selected based on Qualification/Grade, Relevant Experience, Performance in Written Test/Interview |
| Duration of engagement | Initially for Six months, extendable upto project duration based on the performance and co-terminus with the project |
| Remuneration | Between Rs.40000/- to 45000/- |

## NAME OF THE PROJECT : FUTURE SKILLS PRIME PROJECT - AI

| Name of the post | PROJECT ENGINEER |
|---|---|
| No. of Posts | One |
| Qualification | BE/BTech (in IT/ CS/ Electronics/ Electronics & Communications) /MCA or equivalent. |
| Preferred Skills | Knowledge/Experience in Python, Artificial Intelligence concepts like Machine Learning, Deep Learning & Natural Language Processing |
| Age | Below 35 years |
| Selection Process | Candidates will be screened and selected based on Qualification/Grade, Relevant Experience, Performance in Written Test/Interview |
| Duration of engagement | Initially for Six months, extendable upto project duration based on the performance and co-terminus with the project |
| Remuneration | Between Rs.20000/- to 25000/- |

| NAME OF THE PROJECT: SPECIAL MANPOWER DEVELOPMENT PROGRAM – CHIP TO SYSTEM DESIGN (SMDP-C2SD) | |
|---|---|
| Name of the post | LAB ENGINEER |
| No. of Posts | One |
| Qualification | B.E/ B.Tech in Electronics and Communication/ Bio-Medical Engineering/ Medical Electronics/ Electronics and Instrumentation/ Computer Science and allied branches/MSc in Electronics/Computer Science. |
| Experience | Preferably 2+ Years relevant Experience in C/C++ based application development. Device driver development, Socket programming, etc. |
| Skills | Knowledge in System Integration, Verilog/C/C++, QT/QML, Socket Programming, Device Driver development. |
| Age | Below 35 years |
| Selection Process | Candidates will be screened and selected based on Qualification/Grade, Relevant Experience, Performance in Written Test/Interview |
| Duration of engagement | Six months |
| Remuneration | Between Rs.40000/- to 42000/- |

# GENERAL INSTRUCTIONS

1.    Application should be submitted only online through Link:

https://forms.gle/9GmGjyvySDDeDbSUA

2.    Only Indian nationals are eligible to apply.

3.    Canvassing in any form will be a disqualification.

4.    No interim enquiry / correspondence, whatsoever, will be entertained regarding the recruitment.

5.    Incomplete applications are liable to be summarily rejected.

6.    NIELIT Centre Calicut reserves the right to fill or not to fill the post advertised.

7.    There will be no application fee required to be paid.

8.    Candidates with relevant experience will be preferred. However, the same may be relaxed in deserving cases.

9.    The vacancies notified are tentative and are subject to change.

10.    Experience is counted only for the period after obtaining the eligibility qualification.

11.    Applications, which are not in conformity with the requirements indicated are liable to be rejected.

13.    The Institute will have the right to fix criteria for screening the applications so as to reduce the number of candidates to be called for interview.

14.    Only short-listed candidates will be called for Written Test/interview. Mere fulfilling of requirements as laid down in the advertisement does not qualify a candidate for interview.

15.    No TA/DA will be provided to attend the interview.

16.    Applicant should have a valid/Active Gmail account for submitting application.

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