

“Online Interview”

CSIR-Central Electronics Engineering Research Institute (CSIR-CEERI) is a premier research Institute in the field of Electronics, set up under the Council of Scientific & Industrial Research (CSIR). The Institute is looking for qualified candidates for the following project staff positions purely temporary engagements for various ongoing projects in the Institute.

Online applications are invited from candidates for Engagement of Project Staff.

Details of Vacancies & Eligibility

Post Code	Project No.	Area/Group	Name & Number of Vacancy	Qualifications	Age	Consolidated Emoluments per month (fixed)
2701	GAP-3330	Vacuum Electron Devices Development Group	Junior Research Fellow 01	B.E./ B.Tech/ M.Sc (ECE/ Electronics/ Physics/ Nano-technology/Chemical technology/ Material Science/ Chemistry/ Mechanical) or equivalent with valid NET/GATE score.	35 Years	₹31,000/- +HRA as per rules OR ₹25,000/- +HRA as per rules
2702	MLP-0120	Vacuum Electron Devices Development Group	Project Associate-I 02	B.E./ B.Tech/ M.Sc (ECE/ Electronics/ Physics/ Nano-technology/Chemical technology/ Material Science/ Chemistry) or equivalent with valid NET/GATE score.	35 Years	₹31,000/- +HRA as per rules OR ₹25,000/- +HRA as per rules
2703	CLP- 3465	Intelligent Systems Group	Project Associate-II 02	B.E./ B.Tech/ M.Sc (CS/ IT/ ECE/ Robotics/ EEE/ Mechanical/ Mechatronics/ Instrumentation) or equivalent with 02 Years' experience in Research & Development in Industrial and Academic Institutions or Science and Technology organisations and Scientific activities and Services. OR M.E./ M.Tech (CS/ IT/ ECE/ robotics/ EEE/ Mechanical/ Mechatronics/ Instrumentation) or equivalent. Desirable: Working knowledge in Python, ROS, software development or drone navigation & control.	35 Years	*₹35,000/- +HRA as per rules OR *₹28,000/- +HRA as per rules
2704	HCP- 0034	Vacuum Electron Devices Design Group	Project Assistant 01	B.Sc/ 03 Years' Diploma (Electronics Engineering/ Electronics and communication engineering/ Fibre-optics/ Electrical and Electronics Engineering) or equivalent.	50 Years	₹20,000/- +HRA as per rules

2705	GAP- 3242	Semiconductor Device Fabrication Group	Project Associate-II 01	<p>B.E./ B.Tech/ M.Sc (optoelectronics/ Applied physics/ Laser/ Nanotechnology/ Electronics/ Electronics & communication/ Material Science/ Physics) or equivalent with valid NET or GATE score having 02 Years' experience in Research & Development in Industrial and Academic Institutions or Science and Technology organisations and Scientific activities and Services.</p> <p>OR</p> <p>B.E./ B.Tech/ M.Sc (optoelectronics/ Applied physics/ Laser/ Nanotechnology/ Electronics/ Electronics & communication/ Material Science/ Physics) or equivalent having 02 Years' experience in Research & Development in Industrial and Academic Institutions or Science and Technology organisations and Scientific activities and Services.</p>	35 Years	*₹35,000/- +HRA as per rules OR *₹28,000/- +HRA as per rules
2706	HCP- 0026	Intelligent Systems Group	Project Associate-II 01	<p>B.E./ B.Tech (Electronics & Communication Engg./ Computer Science/ Information Technology/ Electrical Engg.) or equivalent having 02 Years' experience in Research & Development in Industrial and Academic Institutions or Science and Technology organisations and Scientific activities and Services.</p> <p>Desirable: M.E./ M.Tech (Computer science/ Embedded System/ Data Science) or equivalent having 02 Year's of experience.</p> <p>Special skills required: Machine vision, Data Fusion, Data Modelling, Machine learning, Deep learning, Embedded System, Circuit Design experience with various microcontroller.</p> <p>Languages: C,C++, Phyton, Java, CSS, HTML with valid NET/GATE score.</p>	35 Years	*₹35,000/- +HRA as per rules OR *₹28,000/- +HRA as per rules
2707	HCP- 0042 (W.P.- 1.2)	Advanced Electronic Systems area	Project Associate-II 01	<p>B.E. / B.Tech. (Electronics / Instrumentation / Instrumentation and Control system / Power Electronics / Electrical Engineering/ EEE / Mechanical Engineering / Embedded System / Robotics / Mechatronics) or equivalent having 02 Years' experience in Research & Development in Industrial and Academic Institutions or Science and Technology organisations and Scientific activities and Services.</p> <p>Desirable: M.E./ M.Tech./ M.S.</p>	35 Years	*₹35,000/- +HRA as per rules OR *₹28,000/- +HRA as per rules

				(Electronics / Instrumentation / Instrumentation and Control system / Power Electronics / Electrical Engineering/ EEE / Mechanical Engineering / Embedded System / Robotics / Mechatronics) or Equivalent. Working experience and domain knowledge Control System, Power Electronics, Embedded System, Programming in C/MATLAB, python, Data Science and Machine Learning, areas of Image Processing, Computer Vision, Machine Learning Algorithms, and Deep Learning Algorithms, (with domain knowledge of Python) with GATE/NET qualified candidates.		
2708	HCP- 0042 (W.P.- 1.3)	Advanced Electronic Systems area	Project Associate-II 01	B.E. / B.Tech. (Electronics and Electrical Engineering/ Electronics and Instrumentations/ Electronics / Electronics and Communication Engineering/ Computer Science & Engineering) or equivalent having 02 Years' experience in Research & Development in Industrial and Academic Institutions or Science and Technology organisations and Scientific activities and Services. Desirable: M.E./M.Tech./M.S. (Electronics and Electrical Engineering/ Electronics and Instrumentations/ Electronics/ Electronics and Communication Engineering/ Computer Science & Engineering/ Embedded Systems) or equivalent. Working experience and domain knowledge of areas of AI Algorithm Development or Circuit Design, areas of AI Algorithm Development (with domain knowledge of Python) or Circuit Design.	35 Years	*₹35,000/- +HRA as per rules OR *₹28,000/- +HRA as per rules
2709	HCP- 0042 (W.P.- 1.4)	Advanced Electronic Systems area	Project Associate-II 01	B.E. / B.Tech./ M.Sc. (ECE/ Computer Science/ IT/ Electrical/ Electronics/ Physics/ Nanotechnology/ Chemical Technology/ Material Science/ Chemistry) or equivalent having 02 Years' experience in Research & Development in Industrial and Academic Institutions or Science and Technology organisations and Scientific activities and Services.	35 Years	*₹35,000/- +HRA as per rules OR *₹28,000/- +HRA as per rules
2710	HCP- 0042 (W.P.- 2.4)	Advanced Electronic Systems area	Senior Project Associate 01	B.E. / B.Tech. (Electronics and Electrical Engineering/ Electronics and Instrumentations/ Electronics / Electronics and Communication Engineering/ Computer Science & Engineering) or equivalent having 04 Years' of Experience in Research and Development (R&D) in Industrial	40 Years	₹42,000/- +HRA as per rules

				<p>and Academic Institutions or Science and Technology (S&T) Organisations and Scientific Activities and Services in area of AI, Machine Learning Algorithms and Deep Learning Algorithms (with domain knowledge of Python).</p> <p style="text-align: center;">OR</p> <p>M.E./ M.Tech. (Electronics and Electrical Engineering (EEE)/Electronics and Instrumentations / Advanced Electronics Engineering / Electronics / Electronics and Communication Engineering/Computer Science & Engineering/ Embedded Systems) or equivalent having 02 Years' experience in R&D in Industrial and Academic Institutions or S&T Organisations and Scientific activities and services in the areas of AI, Machine Learning Algorithms and Deep Learning Algorithms (with domain knowledge of Python).</p> <p style="text-align: center;">OR</p> <p>Ph.D.(Science/ Engineering/ Technology) in the areas of AI, Machine Learning Algorithms, and Deep Learning Algorithms.</p>		
2711	HCP- 0042 (W.P.- 2.4)	Advanced Electronic Systems area	Project Associate-II 01	<p>B.E. / B.Tech./ M.Sc (Electronics and Electrical Engineering (EEE)/Electronics and Instrumentations/ Electronics / Electronics and Communication Engineering/Computer Science & Engineering) or equivalent having 02 Years' experience in Research & Development in Industrial and Academic Institutions or Science and Technology organisations and Scientific activities and Services in the areas of AI, Machine Learning Algorithms and Deep Learning Algorithms (with domain knowledge of Python).</p> <p>Desirable: M.E./M.Tech./M.S. in Electronics and Electrical Engineering (EEE)/Electronics and Instrumentations / Advanced Electronics Engineering / Electronics / Electronics and Communication Engineering/Computer Science & Engineering/ Embedded Systems) or Equivalent. Working experience and domain knowledge of AI, Machine Learning Algorithms, Deep Learning Algorithms, and Python.</p>	35 Years	*₹35,000/- +HRA as per rules OR *₹28,000/- +HRA as per rules

2712	HCP- 0042 (W.P.- 3.1)	Advanced Electronic Systems area	Project Associate-II 02	B.E. / B.Tech (Computer Science and Engineering/ Information Technology/ Electronics and Communications or MCA) or equivalent having 02 Years' experience in Research & Development in Industrial and Academic Institutions or Science and Technology organisations and Scientific activities and Services in Machine Learning and Computer programming. Desirable: M.E./ M.Tech./ M.S. (Computer Science and Engineering/ Information Technology/ Electronics and Communications) or Equivalent.	35 Years	*₹35,000/- +HRA as per rules OR *₹28,000/- +HRA as per rules
2713	HCP- 0042 (W.P.- 4.2)	Advanced Electronic Systems area	Project Associate-II 01	B.E. / B.Tech. (Electronics and Electrical Engineering (EEE)/Electronics and Instrumentations/ Electronics / Electronics and Communication Engineering/Computer Science & Engineering) or equivalent having 02 Years' experience in Research & Development in Industrial and Academic Institutions or Science and Technology organisations and Scientific activities and Services in Area of AI, Machine Learning Algorithms and Deep Learning Algorithms (with domain knowledge of Python). Desirable: M.E./ M.Tech./ M.S. (Electronics and Electrical Engineering (EEE)/Electronics and Instrumentations/ Electronics / Electronics and Communication Engineering/Computer Science & Engineering/ Embedded Systems) or Equivalent. Working experience and domain knowledge of AI, Machine Learning Algorithms, and Deep Learning Algorithms (with domain knowledge of Python).	35 Years	*₹35,000/- +HRA as per rules OR *₹28,000/- +HRA as per rules
2714	HCP- 0042 (W.P.- 5.1)	Advanced Electronic Systems area	Senior Project Associate 02	B.E. / B.Tech. (Electronics and Electrical Engineering/ Electronics and Instrumentations/ Electronics / Electronics and Communication Engineering/ Computer Science & Engineering) or equivalent having 04 Years' of Experience in Research and Development (R&D) in Industrial and Academic Institutions or Science and Technology (S&T) Organisations and Scientific Activities and Services in area of AI, Machine Learning Algorithms and Deep Learning Algorithms (with domain knowledge of Python). OR M.E./ M.Tech. (Electronics and	40 Years	₹42,000/- +HRA as per rules

				<p>Electrical Engineering (EEE)/Electronics and Instrumentations / Advanced Electronics Engineering / Electronics / Electronics and Communication Engineering/Computer Science & Engineering/ Embedded Systems) or equivalent having 02 Years' experience in R&D in Industrial and Academic Institutions or S&T Organisations and Scientific activities and services in the areas of AI, Machine Learning Algorithms and Deep Learning Algorithms (with domain knowledge of Python).</p> <p style="text-align: center;">OR</p> <p>Ph.D.(Science/ Engineering/ Technology) in the areas of AI, Machine Learning Algorithms, and Deep Learning Algorithms.</p>		
2715	HCP- 0042 (W.P.- 5.1)	Advanced Electronic Systems area	Project Associate-II 01	<p>B.E. / B.Tech. (Electronics and Electrical Engineering (EEE)/Electronics and Instrumentations/ Electronics / Electronics and Communication Engineering/Computer Science & Engineering) or equivalent having 02 Years' experience in Research & Development in Industrial and Academic Institutions or Science and Technology organisations and Scientific activities and Services in Area of AI, Machine Learning Algorithms and Deep Learning Algorithms (with domain knowledge of Python).</p> <p>Desirable: M.E./ M.Tech./ M.S. (Electronics and Electrical Engineering (EEE)/Electronics and Instrumentations/ Advanced Electronics Engineering/ Electronics / Electronics and Communication Engineering/Computer Science & Engineering/ Embedded Systems) or Equivalent. Working experience and domain knowledge of AI, Machine Learning Algorithms, and Deep Learning Algorithms (with domain knowledge of Python).</p>	35 Years	*₹35,000/- +HRA as per rules OR *₹28,000/- +HRA as per rules
2716	HCP- 0042 (W.P.- 5.2)	Advanced Electronic Systems area	Senior Project Associate 02	<p>B.E. / B.Tech. (Electronics and Electrical Engineering/ Electronics and Instrumentations/ Electronics / Electronics and Communication Engineering/ Computer Science & Engineering) or equivalent having 04 Years' of Experience in Research and Development (R&D) in Industrial and Academic Institutions or Science and Technology (S&T) Organisations and Scientific Activities and Services in area of AI, Machine Learning Algorithms and Deep Learning Algorithms (with domain knowledge</p>	40 Years	₹42,000/- +HRA as per rules

				<p>of Python).</p> <p style="text-align: center;">OR</p> <p>M.E./ M.Tech. (Electronics and Electrical Engineering (EEE)/Electronics and Instrumentations / Advanced Electronics Engineering / Electronics / Electronics and Communication Engineering/Computer Science & Engineering/ Embedded Systems) or equivalent having 02 Years' experience in R&D in Industrial and Academic Institutions or S&T Organisations and Scientific activities and services in the areas of AI, Machine Learning Algorithms and Deep Learning Algorithms (with domain knowledge of Python).</p> <p style="text-align: center;">OR</p> <p>Ph.D.(Science/ Engineering/ Technology) in the areas of AI, Machine Learning Algorithms, and Deep Learning Algorithms.</p>		
2717	HCP- 0042 (W.P.- 5.3)	Advanced Electronic Systems area	Project Associate-II 02	<p>B.E. / B.Tech. (CSE/ ECE/ EEE/ Robotics/ Mechatronics/ Instrumentation) or equivalent having 02 Years' experience in Research & Development in Industrial and Academic Institutions or Science and Technology organisations and Scientific activities and Services in Python coding, Machine learning and deep learning, ROS, Software development or drone navigation & control.</p> <p>Desirable: M.E./ M.Tech./ M.S. (CSE/ ECE/ EEE/ Robotics/ Mechatronics/ Instrumentation) or Equivalent. Working experience and domain knowledge of Python coding, Machine learning and deep learning, ROS, software development or drone navigation & control.</p>	35 Years	*₹35,000/- +HRA as per rules OR *₹28,000/- +HRA as per rules
2718	HCP- 0042 (W.P.- 6.1)	Advanced Electronic Systems area	Project Associate-II 01	<p>B.E. / B.Tech. (Computer Science and Engineering/ Information Technology/ Electronics and Communications) or MCA or equivalent having 02 Years' experience in Research & Development in Industrial and Academic Institutions or Science and Technology organisations and Scientific activities and Services in Computer Networking and System Administration.</p> <p>Desirable: M.E./ M.Tech./ M.S. (Computer science and Engineering/ Information Technology/ Electronics and Communications) or Equivalent.</p>	35 Years	*₹35,000/- +HRA as per rules OR *₹28,000/- +HRA as per rules

2719	GAP- 3246	Semiconductor Device Fabrication Group	Project Associate-II 01	B.E. / B.Tech./ M.Sc/ M.Sc (Tech.) (Engineering or Technology/ Applied Optics/ Optical Engineering/ Photonics) or equivalent having 02 Years' experience in Research & Development in Industrial and Academic Institutions or Science and Technology organisations and Scientific activities and Services. Desirable: Experience in design and simulation of diffractive optics using commercial softwares such as MATLAB, RSoft, Virtual Lab etc. Experience of working in clean room environment on micro-fabrication and characterization equipments and having at least first-class Master degree in engineering or technology in applied optics/ optical engineering from a recognized university or Equivalent.	35 Years	*₹35,000/- +HRA as per rules OR *₹28,000/- +HRA as per rules
2720	GAP- 3246	Semiconductor Device Fabrication Group	Project Assistant 01	B.Sc./ 03 Years' diploma (Electronics Engineering & Technology) or equivalent.	50 Years	₹20,000/- +HRA as per rules
2721	GAP-6517	Dairy and food Instru. Division	Junior Research Fellow 01 (For CSIR-CEERI, Jaipur Centre)	B.E./ B.Tech/ M.Sc (Electronics/ Physics/ Applied Physics/ Applied Electronics/ E&I/ EEE/EE/ ECE/ Electronics & Instrumentation) or equivalent with valid NET/GATE score. Desirable: M.E./ M.Tech (EEE/ Electronics/ EE/ ECE/ Electronics & Instrumentation) or equivalent with valid NET/GATE score.	30 Years	₹31,000/- +HRA as per rules

- # (i) ₹31,000/- + HRA to Scholars who are selected through-
- National Eligibility Test- CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or
 - A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions.
- (ii) ₹25,000/- + HRA for others who do not fall under (i) above.
- * (i) ₹35,000/- + HRA to Scholars who are selected through-
- National Eligibility Test- CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or
 - A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions.
- (ii) ₹28,000/- + HRA for others who do not fall under (i) above.

Note: If any candidate wishes to apply for two or more projects or different positions in a project, then such candidates have to apply separately.

Interested candidates fulfilling the above qualifications must apply through online portal available on CEERI website. A print out of the Application Form must be taken by the candidate after successful submission of the form. The shortlisted candidates will be informed through E-mail/Institute website along with the date and time for interview. Candidates are requested to frequently browse the institute website. The eligible candidates must appear for interviews through "Microsoft Teams" (MS Teams). Candidates will be allowed as a Guest in MS Team, for which the link will be send to your registered email. The selected candidates are expected to join immediately upon selection and bring with them all ORIGINAL TESTIMONIALS including marksheets and certificates and also a passport size photograph at the time of joining, failing which their engagement can be withdrawn.

The last date & time for applying applications is 08.08.2022 till 05:00 P.M. Application received after last date will not be entertained.

For recruitment queries: Sh. Rajan Tirkey Section Officer CSIR-CEERI, Pilani Email: recruitment@ceeri.res.in Phone: 01596 – 252275	For technical queries: Sh. Arvind Kumar Khandelwal Network Management Cell CSIR-CEERI, Pilani Email: arvindkumar@ceeri.res.in Phone: 01596 – 252282
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Other Conditions:

1. Candidates who have already served CSIR-CEERI or any other lab/ institute of CSIR as Project Staff such as Project Assistant/ Project Fellow/ JRF (in contract R&D Projects)/ SRF (in contract R&D Projects)/ Research Associate etc. for a total period of 5 years or more are not eligible for these engagements. The candidates who have served for a period less than 5 years will have tenure upto remaining period till completion of five years.
2. Tenure of engagement: Six months initially or co-terminus with the present project or till such time the job to be performed by Project Staff in the project exists, whichever is earlier. The tenure may be extended in steps of six months for the duration of Project based on satisfactory performance. The total tenure as Research Associate- I, Project Assistant, Project Associate-I/II, JRF/SRF etc. shall not exceed 5 years in any case. The total tenure of five years shall be calculated as per periods spent on one Project and/ or different Projects taken together in CSIR-CEERI, Pilani and/ or any other Lab./ Instt. of CSIR as RA, Project Assistant, Project Associate Level II/III etc. or as any other designation of equal status.
3. The date for determining the upper age limit, essential educational qualification and/or experience shall be the last date of submission of online application.
4. The engagement of Project Assistant, Project Associate- I/II, SPA, SRF, JRF etc. will be made on behalf of the Sponsor of the Projects. These are not CSIR-CEERI/CSIR posts and will not confer any right on the incumbent to claim, implicit or explicit, on any post in CSIR-CEERI/CSIR.
5. **Reservation:** As regards reservation, if all things are equal, SC/ST/OBC/PH/EWS candidates may be given preference over General candidates so as to ensure their representation.
6. Relaxation in age limit for SC/ST/OBC/PH and women shall be 5 years.
7. **Candidates shall upload scanned copies of following documents on Project Staff Recruitment Portal of CSIR-CEERI:-**
 - a. Candidates shall upload scanned copies of following academic certificates while applying for project staff positions:-
 - i. SSLC/10th
 - ii. HSC/Senior Secondary/Intermediate/12th
 - iii. Graduation Degree (B.A./B.Com./BBA/B.Sc. /B.E. /B.Tech. etc.)
 - iv. Post Graduation (M.Sc./M.E./M.Tech./MS etc.)

Educational Qualification Certificate as mentioned in the advertisement essential qualification / Semester Mark sheet or Final Mark sheet is compulsory. Along with this, Degree Award Certificate or Provisional Award Certificate. Percentage or CGPA/DGPA should be clearly displayed on any one of the certificate. If certificate doesn't have proper percentage / CGPA /DGPA/Grade then the application may not be considered. The candidate must ensure to provide proper certificates to ensure their eligibility for the positions they are applying for.
 - b. Date of Birth Proof (Any valid certificate having DoB such as SSLC, HSC, DoB Certificate, etc)
 - c. Category certificate (in case of SC/ST/OBC/PWD/EWS candidates)
 - d. NET/GATE/Any other equivalent exam qualification certificate (If applicable)

- e. Experience certificate (Mandatory for the posts where experience is essential qualification)
- f. Other certificates (If applicable)
8. If it is found at any stage of the recruitment process or thereafter that the candidates do not fulfil the eligibility criteria, their candidature shall be cancelled without assigning any reason. Further, the decision of CSIRCEERI in regard to theselection process will be final and binding to all concerned. No correspondence in this regard will be entertained by theInstitute.
9. Received applications will be screened by duly constituted Standing Screening Committee. The Screening Committee may fix different set of criteria to short-list the candidates as per the project requirement. The Screening Committee will screen all applications received for the specified project and recommend eligible candidates will be called for online interview. In case of false information received through online application, the competent authority will cancel the candidature of the applicant and debar for attending the interview in future.
10. Eligible applicants may be called for interview through online and Interview letter will be sent him/her through e-mail intimating the date & time of Interview, link/reference of online mode, terms & conditions, if any. The candidate will be allowed to join only after verification of original certificates and other information found correct.
11. Based on the performance of the candidates and availability of suitable candidates, Selection Committee may also recommend Panels for future engagement in different projects as and when need arises. The engagement process will be complete after the joining of the candidates.
12. CSIR-CEERI reserves the right to cancel or withdraw the Offer of engagement in case of any discrepancy found, in the candidature of any empanelled candidate at any stage.
13. The number of positions may be increased or decreased as per the requirements.
14. Other terms & conditions will be governed as per guidelines issued by the funding agency/ CSIR/ CEERI for the engagement of above Project Staff as amended from time to time.

CONTROLLER OF ADMINISTRATION