



**ADVERTISEMENT FOR RESEARCH ASSOCIATE-III AND TECHNICAL ASSISTANT ON CONTRACTUAL BASIS FOR A PROJECT TITLED
“Postoperative non invasive monitoring device for micro-vascular free flaps in microsurgical reconstruction in head and neck tumors”
in the Department of ENT, Head and Neck Surgery**

Applications are invited for filling up of following post under the Department of ENT, Head and Neck Surgery, AIIMS, Raipur, Chhattisgarh, for a project entitled “*Postoperative non invasive monitoring device for micro-vascular free flaps in microsurgical reconstruction in head and neck tumors*”, for a period of two year purely on contractual basis as per below mentioned details:

Post 1: Project Scientist-I

1.	Name of the Post	Research Associate-III
2.	Number of Posts	One (01)
3.	Name of the Research Project	<i>Postoperative non invasive monitoring device for micro-vascular free flaps in microsurgical reconstruction in head and neck tumors</i>
4.	Name of the Sponsoring Agency	Department of Science and Technology (DST)
5.	Duration of the Project	Two years
6.	Consolidated Monthly Salary	INR 54,000/- per month + 16% HRA (1 st and 2 nd year)
7.	Essential Qualifications	PhD or equivalent degree (Electronics and Telecommunication, Biomedical Engineering, Computer Science or Basic Sciences); worked as Principle Investigator in DST/CSIR/UGC/AICTE at least 02 (Two) sponsored project (OR) M.E./M. Tech or equivalent degree (Electronics and telecommunication, Biomedical Engineering, Computer Science or other relevant branches) with 10 year working experience on DST/CSIR/UGC/AICTE sponsored project
8.	Desirable Qualifications	Experience in Design and Development of Medical device and its Instrumentation/ Medical Image Processing; with atleast 03 (Three) Patents; with atleast 5 (Five) Publications in SCI Journals of International Repute.

Post 2: Technical Assistant

1.	Name of the Post	Technical Assistant
2.	Number of Posts	One (01)
3.	Name of the Research Project	<i>Postoperative non invasive monitoring device for micro-vascular free flaps in microsurgical reconstruction in head and neck tumors</i>
4.	Name of the Sponsoring Agency	Department of Science and Technology (DST)

5.	Duration of the Project	Two years
6.	Consolidated Monthly Compensation	INR 20,000/- per month + 16% HRA (1 st and 2 nd year)
7.	Essential Qualifications	B.Sc. or equivalent degree (Electronics, Information Technology, Computer Science, Biomedical Engineering, or other relevant branches) with 2 year experience in medical device development (OR) Diploma or equivalent degree (Electronics, Information Technology, Computer Science, Biomedical Engineering, or other relevant branches) with 2 year experience in medical device development
8.	Desirable Qualifications	Experience in device development, Programming, Electronics circuit development, Field testing etc.

Nature of Employment: Contractual

Duration of Employment: Two Year (24 Months, depending on the candidate's performance and budget grant from the funding agency.

Job Location: State-level VRDL, Department of ENT, Head and Neck Surgery, AIIMS, Raipur.

Essential, Desirable Qualification and Job Description details

Post 1: Research Associate-III

Job description:

- a. This position requires creative contributions to and collaborative development of an active research program investigating topics relevant to the research area of medical device development and Thermography.
- b. The candidate will help to determine research goals in consultation with the Principal Investigator.
- c. He/she will design specific tasks related to project goals, including the selection of appropriate methods and techniques.
- d. The candidate will supervise technical assistant regarding the technical aspects of the research, including methods development, trouble-shooting problems, interpreting results and planning follow-up experiments.
- e. The candidate will publish research in peer-reviewed journals either independently or in collaboration with the PI or other members of the research team.
- f. The candidate will prepare and assist in the preparation of reports as required by granting agency and prepare modifications of budgets and other grant components as needed
- g. The candidate will participate in professional societies and conferences appropriate to this project
- h. Should be able to teach and train his/her team in all the above-mentioned aspects as and when required
- i. Should have good scientific writing skills and should be able to write scientific article
- j. Should be able to explain the algorithms and even rewrite the algorithms for improved results.

Post 2: Technical Assistant

Job description:

- a. Supports technical and engineering personnel with project support duties
- b. Compiles technical reports
- c. Provides input to technical studies/research projects, technical reports, project planning, etc.

- d. Produces accurate statistics, relevant figures, etc.
- e. Undertakes data analysis, identifies and investigates variations
- f. Prepares technical drawings, datasheets and documents under the direction of engineers
- g. Develops and maintains technical databases and spreadsheets
- h. Sources technical documents, information and drawings
- i. Reports any breaches of safety procedures to supervision / management
- j. Hands on knowledge of software and hardware development.
- k. Field testing of developed device. Feedback analysis, and perform improvement in the device as per need.

Terms and Conditions

1. The above- mentioned vacancy is for a fixed tenure of two year (24 months).
2. The selection will not be an employment on AIIMS Raipur pay-roll. Employment will automatically terminate upon completion of 2 year (24 months) from the day of joining and there is no liability for permanent employment on AIIMS, Raipur or principal investigator. Also, the candidates have no right to claim permanent employment based on this job.
3. The contract can however be extended to a maximum of one years depending on the candidate's performance and budget grant from the funding agency.
4. Candidates should email duly filled application form (As per the prescribed Performa) and scan copy of all original certificates of educational qualifications, copies of research publications and experience certificate, identity proof, along with two photographs and one set of self-attested photocopies of all certificates and relevant documents.

Candidates need to download the application form from the AIIMS Raipur website. No change in serial no. order and the heading of column to be made. The application in the said format is to be properly typed and signed. Thereafter the application form should be scanned and emailed.

The candidate should make a folder titled- '*Name of the candidate*'. This folder should contain the soft copy of the duly filled application form along with the scanned original copies of relevant documents. The folder should be emailed in a zip folder-to- mishra.jitenkumar@gmail.com; ambesh.singh26@gmail.com and cc to recruitmentcell@aiimsraipur.edu.in on or before **2nd June 2021** by **05:00PM**. Applications received after the due date will not be accepted.

Selection procedure

The applications received will be scrutinized by the selection committee. Recruitments will be made through online interview. Selection will be based purely on merit basis.

The list of candidates found eligible will be displayed on AIIMS' website by **5th June 2021**. The candidates are advised to check the institute's website <http://www.aiimsraipur.edu.in> for the list of eligible candidates and the date, time and venue for the interview/ written test.

Date and time of Interview:

This will be communicated through AIIMS Raipur website. The selected candidates will be notified through email and phone.

Prof. (Dr.) Nitin M. Nagarkar
Director & CEO AIIMS Raipur & Principal Investigator
Department of ENT, Head and Neck Surgery
AIIMS Raipur, Raipur

Email:

mishra.jitenkumar@gmail.com;
ambesh.singh26@gmail.com,
Recruitmentcell@aiimsraipur.edu.in



ADVERTISEMENT FOR PROJECT SCIENTIST-I AND TECHNICAL ASSISTANT ON CONTRACTUAL BASIS FOR A PROJECT ENTITLED “Postoperative non invasive monitoring device for micro-vascular free flaps in microsurgical reconstruction in head and neck tumors”, in the Department of ENT, Head and Neck Surgery

1. Name of the post applied for:-

2. Name in block letters:-

Affix Passport
 Size self-
 attested colour
 photograph
 here

3. Father / Husband’s Name in block letters:-

4. Postal Address:

State:-

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PIN:-

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5. Contact Number:-

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6. E-mail ID:-

7. Permanent Address:

State:-

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PIN:-

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8. Date of Birth with documentary Evidence:-

Date	Month	Year

9. Category:- UR/OBC/SC/ST

10. Gender :- Male /Female

11. Educational Qualification:-

S.NO	Name of the Examination	Subject/ Discipline/ Specialty	University/ Institute/ College	Year of Passing final examination	Marks obtained	Percentage

12. Work Experience:-

SN	FROM	TO	POST HELD	NAME OF EMPLOYER	REASON FOR LEAVING

13. Research experience –

S.N	Name of the project	Name of Institute	NAME OF investigator	FROM	TO

14. *if any publications please mention-(if required attached separatesheet)*

15. If selected what period would you require for joining the post -----

I solemnly affirm that the information furnished above is true and correct in all respects to the best of my knowledge. I have not concealed any information. I undertake that any information furnished herein is found to be incorrect or false, I shall be liable for action as per rules in force.

Date:- _____

Place: _____

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Name of Candidate:-

Signature of Candidate:-