



# छत्तीसगढ़ विज्ञान एवं प्रौद्योगिकी परिषद

## Chhattisgarh Council of Science & Technology

Vigyan Bhawan, Vidhan Sabha Road, Daldal Seoni, Raipur, (C. G.) 492 001  
Ph.(Off.) 0771-2972947, Fax:0771-2972947, Email:dgccost@gmail.com, Web:cgcost.nic.in

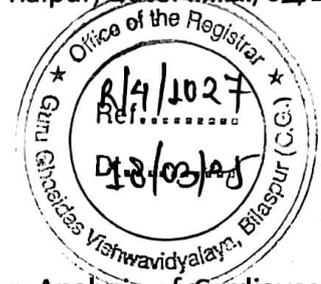
No.....1492.../CCOST/MRP/2025

Raipur, Date: 15/02/2025

### Sanction Order

To

**The Registrar**  
Guru Ghasidas University,  
Bilaspur (C. G)



**Sub:** Sanction of Mini Research Project entitled 'Quantitative Analysis of Cardiovascular Health: A Deep Learning Approach for Early Detection and Risk Assessment for Chhattisgarh State'.

**Ref:** Mini Research Project proposal of Dr. Babita Majhi, Associate Professor, Department of Computer Science and Information Technology, Guru Ghasidas University, Bilaspur (C.G).

**Principal Investigator:** Dr. Babita Majhi, Associate Professor, Department of Computer Science and Information Technology, Guru Ghasidas University, Bilaspur (C.G)

Chhattisgarh Council of Science & Technology hereby acknowledges that the Mini Research Project Proposal 'Quantitative Analysis of Cardiovascular Health: A Deep Learning Approach for Early Detection and Risk Assessment for Chhattisgarh State' submitted by the Principal Investigator Dr. Babita Majhi was evaluated by experts and as per the recommendation of the committee found it fit for sanction.

The Council hereby sanctions **Rs. 4,40,000/- (Rs. Four Lakhs Forty Thousand only)** for completing the Project within the period of two years with effect from release of first installment. The sanction is accorded with following terms and conditions:-

1. The Grant -in - Aid would be released through the Head of the Institution who would be responsible for proper utilization of the grant.
2. **Release of Funds:**
  - i. The contingency amount sanctioned for the research Project will be released immediately by the Council for respective year as per availability of Budget.
  - ii. The amount required under Project Staff Remuneration head will be released after the receipt of information about the appointment of the Project Staff (Project Fellow) with the details in the prescribed format enclosed herewith.
  - iii. The amount under equipment head will released after submission of recommendation of purchase committee of your institute and approval of head of the institute

Director RSD.

18-03

Dr. Babita Majhi

19/03/25

- IV. The equipments and other items sanctioned under the Project are to be purchased through purchase section as prevailing rules in the concerned organization.
  - V. On completion of the Project the equipment and other articles purchased from the Council's fund are to be used by the respective organization for further research. Council may withdraw the equipments if required.
- 3. Appointment and remuneration payment of Project Staff (Project Fellow):**
- I. The appointment of project staff should be done through advertisement or circular through proper selected process.
  - II. An external subject expert and an officer/scientist nominated by the Council should be compulsorily included in the selection committee.
  - III. As per the approval regular payment of project fellow's remuneration should be ensured by the project implemented institution.
4. This sanction is subject to the condition that the grantee institution will furnish to the Council of Science & Technology, Financial year wise annual progress report and utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned/accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and Project completion report within year from the scheduled date of completion of the project.
  5. The grantee institution will have to send the utilization certificate (UC) in physical form to this Council. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Council.
  6. The grant-in aid being released is subject to the condition that:
    - i. A transparent procurement procedure in line will be followed by the Institution under the appropriate rules of the grantee institution while procuring capital assets sanctioned for the above mentioned project and a certificate to the effect will be submitted by the Grantee institution immediately on receipt of the grant.
    - ii. While submitting Utilization Certificate/ Statement of Expenditure, the institution has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the Project shall be considered only on receipt of the said documents.
    - iii. The grantee institution will maintain separate audited account for the Project and the entire amount of grant will be kept in an interest bearing bank account. The interest earned /accrued should be reported to the Council (financial year wise) while submitting the statement of expenditure

/UC thus earned will be treated as a credit to the grantee institution, which will be adjusted towards future release of grant.

- iv. Council reserves sole rights on the assets created out of grants. Assets procured wholly or substantially out of Council's grants (except those declared as obsolete and unserviceable or condemned in accordance with the existing procedure), shall not be disposed off without obtaining the prior approval of the Council.
- v. The account of the grantee institution shall be open to inspection by the sanctioning authority and audit, whenever the institution is called upon to do so.
- vi. Members of the expert committee or Scientists of the Council may visit the institution to oversee the progress of research during the period.
- vii. The Council reserves the right to terminate the Project, if progress of the work is not found satisfactory.
- viii. Annual progress report of the work carried out is required to be submitted to the Council within one-month from the utilization of the fund.
- ix. Publication of the research data of the Project should be done by duly acknowledging the role played by the Council in funding/ part funding of the Project. Due acknowledgment of technical support / financial assistance resulting from the Project grant should mandatorily be highlighted by the grantee institution in bold letters in the publication /media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the Project.
- x. If the Mini Research Project leads to any patent filing, then such filings are to be communicated to the Council.
- xi. The conclusion and result of the Project must have remarks on future further research.
- xii. Conclusion may include technology developed or any entrepreneurship model which may be developed based on this Mini Research Project.
- xiii. Procedure laid down for appointment of Staff by the Institution concerned must be strictly followed.
- xiv. Prior approval of the Council for purchase of equipment costing more than Rs. 10,000/- would be necessary. Equipment purchased out of this project grant will be the property of the Council and it should be entered as such in the stock register of the institution with a copy to the Council. The Council normally does not approve the purchase of any major equipment from its grants, except for exceptional cases.
- xv. Proper separate record of purchase, stock entries, breakages & losses should be maintained for verification. On completion of the Project the equipment and other articles purchased from Council's fund can be used

by respective organization and it should be returned to the Council in working position if Council desires it back.

7. Failure to comply with the terms & conditions of this sanction letter will entail full refund with interest from the grantee institution to the Council.

**II Budget:**

- (a) Total amount sanctioned **Rs. 4,40,000/-** .  
(b) Period- Two years, from February - 2025 to Jan- 2027.  
(c) Break-up of the budget:

Sl	Budget Head	1st year (Rs.)	2nd year (Rs.)	Total (Rs.)
1	Project Staff Remuneration: One Project Fellow @ Rs. 10,000/- pm	1,20,000/-	1,20,000/-	2,40,000/-
2	Contingencies:			
i	Materials, Chemicals, Glassware and Other items	30,000/-	20,000/-	50,000/-
	Stationary, Books, Prints	10,000/-	10,000/-	20,000/-
ii	TA Expenditure only for Project work	60,000/-	50,000/-	1,10,000/-
3	Equipment: SankeLife Pro + Pocket ECG Machine, DB15 cable & SwitchSy Convertor	20,000/-	-	20,000/-
	<b>Total (Rs.)</b>	<b>2,40,000/-</b>	<b>2,00,000/-</b>	<b>4,40,000/-</b>

**NOTE: -Please ensure to comply with the terms & conditions.**

**(As approved by Director General)**

  
**(Dr. Tribhuvan Singh)**  
Scientist 'E'

Endt. No...../CCOST/MRP/2025

Raipur, Date: ...../02/2025

**Copy for information and necessary action to:**

- 1. Principal Investigator:** Dr. Babita Majhi, Associate Professor, Department of Computer Science and Information Technology, Guru Ghasidas University, Bilaspur (C.G)
- 2. Office Copy**

1  
Scientist 'E'