



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Approved by AICTE, NEW DELHI. Affiliated to JNTUK, KAKINADA

(Accredited by NAAC with "A" Grade and NBA [(ASE, CE, CSE, IT, ECE, EEE & ME) under Tier-I])

An ISO 21001: 2018, 14001:2015, 50001: 2018 Certified Institution

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Sanction Order

Date: 12th March 2026

File No.: LBRCE/R&D/2025-26/Seed/04

To

Dr. Surla Govindu (PI), Assoc. Professor, Dept. of CSE
LBRCE, Mylavaram

Sub.: Financial Sanction of Rs. 2,20,000/- towards Seed Money for Project Proposal-Reg.

Ref.: Call for Research Proposals under Seed Money Scheme.

Based on the recommendations of expert evaluation committee, I am pleased to inform you that your project proposal for seed money assistance has been recommended and sanctioned an amount of Rs.2,20,000/- (two lakhs twenty thousand rupees only) for the project titled "**Fresh Sense – Smart Sensing for Safer Food**" for the period of one year. You are required to carry out the project along with your mentor. You need to submit the **Progress Report** for every three months.

1. The following budget is sanctioned to the PI.

S.No.	Item	Particulars	Amount (Rs.)
i.	Equipment (Make, Model etc.)	Metal Oxide Semiconductor (MOS) sensors (4 Nos.) - MQ series or equivalent, -Arduino / Raspberry Pi micro-controller (4 Nos.), - Custom gas chamber fabrication	1,50,000
ii.	Software tool (Make, version etc.), 3D printing	Python (Open Source), TensorFlow / Keras / PyTorch (Open Source)	00
iii.	Consumables	Petri dishes, agar media, pipettes, gloves, disinfectants, sterile containers. - Packaging materials for sample handling, - Calibration gas if required	50,000
iv.	Travel	Visit to collaborating research labs or industries	10,000
v.	Others (specify)	3D printing or machining for sensor housing and prototype casing	10,000
TOTAL			2,20,000/-

2. The PI is informed to maintain proper accounts of the expenditure out of the grant, which shall be utilized only on proposed items through proper channel.
3. The PI is required to submit the Statement of Expenditure (SE), Utilization Certificate (UE) in the prescribed format along with copies of invoices/bills and Project Completion Report (PCR) with all the outcomes from the project in line with the proposed objectives within one month after completion of project duration.
4. The PI may refund any unspent balance to L.B.R.C.E immediately after the completion of stipulated period of project.
5. The Project **File No.: LBRCE/R&D/2025-26/Seed/04** should be mentioned in all communications arising from the above project to the R&D Office, L.B.R.C.E.
6. The PI should ensure that the technical support/financial assistance provided to them by L.B.R.C.E should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.
7. The PI should acknowledge the support provided to them in all Publications, Patents and any other output emanating out of the project funded by LBRCE

Name of the Mentor: Dr. K.Devi Priya, Professor of CSE, LBRCE

9.22 ✓
Principal
(Dr. K.Appa Rao)

Copy to

- 1) The President Sir for kind Information
- 2) Vice Principal
- 3) Dean R&D
- 4) IQAC
- 5) The Head, Dept. of C.S.E
- 6) Dr. K.Devi Priya, Professor of C.S.E