



सत्यमेव जयते

Ministry of Electronics and
Information Technology
Government of India



IIT Hyderabad
Indian Institute of Technology Hyderabad



NIT Nagaland

Grand Challenge on Electronics and ICT driven solution towards fermented food safety in North-Eastern (NE) Food: e-GUNA Grand Challenge (e-GGC) – 2021

Ministry of Electronics and Information Technology, Government of India (MeitY) funded R&D project on sensor-based technology development for North Eastern food safety monitoring in general and fermented food quality estimation in particular is being implemented by C-DAC, Kolkata in collaboration with IBSD Imphal, NIT Nagaland, IIT Hyderabad.

C-DAC, Kolkata invites proposals for “e-GUNA Grand Challenge (e-GGC) – 2021” on sensor development for North Eastern ethnic food safety and quality estimation. Mentorship, fund, and suitable platform will be provided to qualified individuals or teams (with affiliation)/MSEs/Start-ups to implement innovative, out-of-the-box, cost-effective R&D ideas into a real product.

Detailed problem statement, application format, terms and conditions are mentioned at below link:

https://drive.google.com/drive/folders/1dKbEfuk9R_MqPMMnx2yJM3z-QM3mGq9Q?usp=sharing

Problem statement:

- 1) Novel receptor development for detection of cyanogenic glycosides and pathogenic bacteria (Except enzyme and nanofiber-based approach)
- 2) Sensor development towards potential food contaminants (Except Cyanogenic glycosides and bacteria).
- 3) Sensor development for ethnic foods of NE (Excluding Bamboo and Soybean)
- 4) Any other suitable area on sensor development for North Eastern Food safety

Award:

The best three (3) R&D proposals will be awarded to implement the project (Budget limit Rs. 15 lakhs for each project)

Important dates:

- 1) Date of Call For Proposal (CFP) publication: 02 November, 2021
- 2) Submission of concept note: 30th November, 2021
- 3) 1st round selection result & Presentation: 23rd December, 2021
- 4) Final result: 07th January, 2022
- 5) Submission of full proposal: 20th January, 2022
- 6) Projects start: 01st February, 2022

For more details contact:

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