

## Circular

Date: - 24/08/2021

Ministry of Electronics and Information Technology (MeitY), Government of India has established a Centre of Excellence (CoE) for product Based on Li-ion Cells (Post-Cell) along with Government of Uttar Pradesh at CDAC Noida in association with the India Cellular & Electronics Association (CEA) for promoting design and development of products used as Mobile handset accessories and other electronic applications.

To promote innovation and R & D in electronics design, a Grand Challenge is being organised under the CoE to energize the youths and foster targeted research among the entrepreneurs, faculty, students, researchers and other innovators to develop innovative solutions that shall promote electronic manufacturing in India and take a step forward towards "Aatma Nirbhar Bharat".

Under this Grand Challenge, CDAC Noida is inviting proposals for Mobile accessories product based on Li-ion Cells. The problem statement, important dates and registration link are given below:

### **Problem Statement:**

1. To design a low - cost power bank
2. To design a low - cost USB Charger
3. To design a low - cost wireless charger
4. To design a low - cost Bluetooth speaker
5. To design a low- cost smart light system
6. To design a low- cost Digital radio
7. To design a Bluetooth or USB Headset

### **Important Dates:**


Last date for Team Registration:06.09.2021  
Last date for synopsis Submission:22.09.2021  
Date of Synopsis approval:09.10.2021

**Team Registration Link:** <https://bit.ly/2W7zn30>

**For more details, please visit:** [https://www.cdac.in/index.aspx?id=edu\\_et\\_GC\\_Writeup\\_02082021](https://www.cdac.in/index.aspx?id=edu_et_GC_Writeup_02082021)  
& contact: Dr. Sunita Prasad sunitaprasad@cdac.in, 9810827982  
Mr. Kiran Kumar kkirankumar@cdac.in, 9560653322


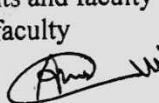



**Attachment:** Poster of Grand Challenge Contest 2021

  
Mr. Chaitnya Nidhi

  
Mr. Amit Bhashkar

  
Dr. P.K. Srivastava

Copy to-

1. Director Sir for kind information -  24.8.21
  2. Registrar for information and necessary action
  3. O/C Institute Innovation Council for wide circulation among students and faculty
  4. O/C Entrepreneurship Development Cell for wide circulation among students and faculty
  5. Dean (R & D) & Dean Academic for wide circulation among students and faculty
  6. Heads (ME/CE/IT/AS&H) for wide circulation among students and faculty 
  7. O/C website
  8. Guard File
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Ministry of Electronics and  
Information Technology  
Government of India

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CDAC



## GRAND CHALLENGE CONTEST 2021

CoE, a MeitY and U.P. Government sponsored project is being implemented by CDAC Noida and India Cellular & Electronics Association (ICEA)

Centre of Excellence (CoE) Noida invites proposals for Grand Challenge 2021 on Product Design & Development for Mobile Handset Accessories.

Last Date for Team Registration:  
06.09.2021

Team Registration ink:  
<https://bit.ly/2W7zn30>

Show Your Innovation  
And Win Exciting Prizes:



- 1st Prize for Best Design - Rs. 25,000
- 1st Prize for Best Prototype - Rs. 25,000
- Funding Amount for Two Best Designs for Prototype Development - Rs. 25,000 each.

### Problem Statement:

- P-001: To design a low-cost power bank
- P-002: To design a low-cost USB Charger
- P-003: To design a low-cost Wireless Charger
- P-004: To design a low-cost Bluetooth Speaker
- P-005: To design a low-cost Smart light System
- P-006: To design a low-cost Digital Radio
- P-007: To design a Bluetooth or USB Headset

### Important Dates:

Last date for Team Registration:	06.09.21
Last date for Synopsis Submission:	22.09.21
Date of Synopsis approval:	09.10.21
Last date for design submission:	30.11.21
Declaration of Stage -1 winner:	20.12.21
Declaration of teams for Stage-2 funding:	30.01.22
Demo of product Prototype:	25.03.22
Declaration of Stage -2 winner:	30.03.22

### Terms and Conditions:

1. The contest is open for all Indian citizens.
2. Each team can participate in two problems only.
3. The participating teams must register and submit their proposal for the design and development of the products.
4. After the acceptance of the synopsis, the team shall start with the designing of the products.
5. Two designs will be selected for further development of a prototype of the product.
6. A separate fund will be given to the selected teams for prototype development.
7. The best design and the best prototype shall be awarded a cash prize.

### For more details contact:

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