



BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING

(APPROVED BY AICTE, AFFILIATED TO GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY)

(An ISO 9001:2015 Certified Institute)

A-4, Paschim Vihar, Main Rohatak Road, New Delhi-110063

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

NOTICE

Ref. No.: BVCOE/ND/ECE/26/2026-2027

Date: 27/08/2026

ENGINEERING INNOVATION IDEATHON 2026

Engineers' Day Special – "Innovate. Engineer. Impact."

The Department of Electronics & Communication Engineering is organizing an Engineering Innovation Ideathon 2026 on the occasion of Engineers' Day. The event aims to **encourage students to identify real-world problems and develop innovative, technically feasible, financially viable and practically implementable engineering solutions.**

Theme

"Engineering Solutions for a Smarter, Sustainable & Self-Reliant India"

Eligibility & Team Formation

- Open to Second Year ECE Engineering Students.
- Each team shall consist of 5 student (as per seminar groups and mentor)
- Each team shall nominate one Team Leader.

Suggested Domains

Artificial Intelligence & Intelligent Systems, Smart Electronics, IoT & Embedded Systems, Semiconductor & Future Electronics, Sustainable Engineering, Smart Mobility & Transportation, Healthcare & Assistive Technology, Rural & Affordable Technology, Campus Innovation, Future India 2047, Any other engineering-based solution addressing a genuine real-world problem

What Students Must Address

What is the problem and who experiences it?, What is the proposed engineering solution?, What is innovative about the solution?, What technology and resources are required?, Can it actually be implemented?, What is the approximate prototype/deployment cost?, Who would use or purchase it?, What impact can it create and how can it scale?

Student Deliverables

Round 1: Every group submits

- A 10 mins presentation of the idea.

- A **1-page Idea Proposal**, duly signed by all students and the faculty mentor. This should contain: Problem Statement, Target Users, Existing Solution/Gap, Proposed Solution, Innovation/USP, Technology/Architecture, Approximate Cost, Implementation Plan, Expected Impact and Future Scope.

Round 2 / Final (before a panel):

Top 4 teams from each ECE-1, ECE-2, ECE-3. Total **12 finalist teams** present before the expert panel using a PPT. Final presentation for shortlisted teams would be 6 minutes' presentation + 4 minutes' panel interaction/Q&A. Teams should be prepared to justify technical choices, cost estimates, implementation timeline, target users, competitive advantage and expected impact.

The finalized ideas of all **12 finalist teams** will be **deposited/updated in the YUKTI Innovation Repository**.

Evaluation Criteria

The same evaluation criteria and 100-mark scheme apply to both rounds.

Criterion	Marks
Problem Identification & Relevance	15
Innovation & Originality	15
Technical Feasibility	20
Practical Implement ability	15
Financial/Economic Viability	15
Impact & Scalability	10
Presentation & Q&A	10
TOTAL	100

Important

Students are encouraged to focus on real problems rather than only attractive technologies. A technically simple but highly useful and implementable solution may score higher than a highly complex idea that cannot realistically be developed.

Timeline

Activity	Date
Announcement & Registration Opens	2 September 2026
Team Formation & Registration	2-4 September 2026
Idea Proposal Submission	7 September 2026
Screening & Shortlisting (Round1)	12 September 2026
Shortlisted Teams Announced	14 September 2026
Engineering Innovation Ideathon (Round 2)	15 September 2026

"Don't just present an idea. Show us why it should be built."

ECE-1: Mr. Bhawanand Jha, Dr. Manoj Sharma

ECE-2: Dr. Suman Yadav Mr. Jatin Gaur

ECE-3: Dr. Priyanka Gupta, Dr. Mihika

Prof. (Dr). Kirti Gupta
HOD ECE