ACS College of Engineering
Approved by AICTE New Delhi, Affiliated to VTU, Belagavi
(A Unit of RajaRajeswari Group of Institutions)
CET Code : E186 COMED-K : E003 PGCET : T918

Department of Biomedical Engineering

Organized Guest Lecture on
'Problem Identification for Projects and Research Leading Towards Publications'.

Topic: Problem identification for projects and Research Leading towards Publications'
Date: 17.03.2026 (Tuesday)

Time : 11.00 A.M. to 12.00 P.M.

Resource Person: Dr.Punal M Arabi
Research Director
Edsols Innovations Pvt .Ltd
Bengaluru.

Programme Objective:

The program aims to train students to systematically identify and define meaningful research problems in their chosen domain. It focuses on developing analytical and critical thinking skills to recognize research gaps and formulate clear problem statements. The objective is to guide students in selecting project topics with practical relevance and publication potential. Additionally, it encourages a research-oriented mindset that leads to high-quality work suitable for conferences and journal publications.

Program Outcome:

1. **Enhanced Understanding of Research Methodology**
   Students gained knowledge about identifying meaningful research problems and structuring projects effectively.
2. **Ability to Identify Real-World Problems**
   Participants learned how to select relevant biomedical problems aligned with societal and healthcare needs.
3. **Improved Project Planning Skills**
   Students understood how to plan, execute, and document academic and research projects systematically.
4. **Awareness of Publication Process**
   Attendees was introduced to the process of writing research papers, selecting journals, and publishing ethically.
5. **Development of Critical Thinking**
   The session encouraged analytical thinking in evaluating research gaps and proposing innovative solutions.
6. **Exposure to Industry and Research Trends**
   Interaction with an industry expert provided insights into current trends in biomedical engineering research.
7. **Motivation for Higher Studies and Research**
   The lecture inspired students to pursue research careers and higher education opportunities.
8. **Improved Communication and Technical Writing Skills**
   Students learned the importance of clear scientific writing and presentation in publications.

The Session was highly informative and insightful. Students develop the ability to identify relevant, real-world problems by applying critical thinking and domain knowledge. They learn to analyze gaps in existing research and formulate clear, researchable problem statements. This outcome equips learners to design meaningful projects that contribute to innovation and knowledge creation. Ultimately, it enables students to produce quality research work suitable for academic publications and professional dissemination.

Sustainable Development Goals:

1. SDG 3: Good Health and Well-being

- Biomedical engineering research directly contributes to improving healthcare technologies, diagnostics, and treatment methods.
- Encouraging project-based research can lead to innovations that enhance patient care and medical outcomes.

2. SDG 4: Quality Education

- The guest lecture promotes advanced learning, research skills, and academic development.
- It helps students and faculty improves their ability to identify meaningful research problems and publish findings.

3. SDG 8: Decent Work and Economic Growth

- Enhancing research and technical skills improves employability and supports innovation-driven economic growth.

4. SDG 9: Industry, Innovation, and Infrastructure

- The involvement of a research director from industry supports innovation and collaboration between academia and industry.
- Encourages development of new technologies and research-driven solutions.

5. SDG 17: Partnerships for the Goals

- The event fosters collaboration between educational institutions and private research organizations.
- Promotes knowledge sharing and partnerships that are essential for sustainable development.

Participants: 2nd, 4th& 6th semester students of BME Department

Event Co-Ordinator:

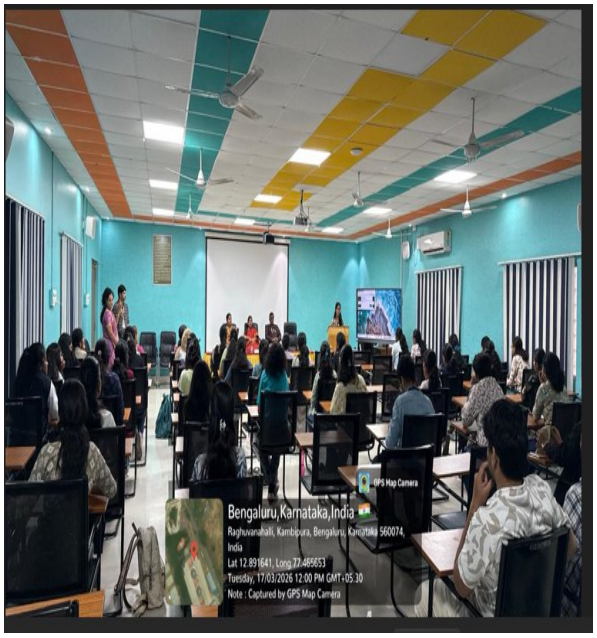
Mrs. Sowmya C G, Assistant Professor – BME

Event Poster



Event Photos









Students Attendance:

1. 2nd sem students attendance list:



ACS College of Engineering

DEPARTMENT OF BIOMEDICAL ENGINEERING

Date: 17-03-2026

SL NO	Name of the Student	Signature
1.	AAHANA RAGHU GOWDA	
2.	AALIYA T	
3.	ADITHYA BIRADAR	
4.	AFSHAN KHAN	
5.	ALIRFAN	
6.	AMRUTHA S	
7.	ANWESHA ACHARYA	
8.	ESTHER REBECCA PAULSON	
9.	GAGANA P	
10.	HAJEE SUHANA MEHAK	
11.	JOASH JINO AREEKKAL	
12.	KARUNA V	
13.	KRUPA SAIESHWAR K N	
14.	KRUTHIKA C M	
15.	LAASYA PRANAVI MODEM	
16.	MALLANAGOUDA	
17.	MEGHANA B N	
18.	MUHAMMED K	
19.	MUHAMMED MEHAN K T	
20.	PAVANI L	
21.	PEREPI HARINI	
22.	POORNIMA C H	
23.	PREETHI D	
24.	PREETHI M	
25.	PRIYA S	
26.	R DIVYA DARSHINI	
27.	RAHUL R	
28.	RAJESHWARI M	
29.	RAMYA S G	
30.	REVATI	
31.	RIDWAN M	
32.	ROHIT	
33.	SABAH FATHIMA	
34.	SAKSHI UDAY SHEDGERI	
35.	SANDHYA D K	
36.	SHAMLA	
37.	SIDDHARTHA V HOSAMANI	
38.	SOWMYA S	
39.	SRIJAN EDWIN RAJ	
40.	THEJASHWINI M	
41.	UMMULVARA TALAGERI	

Faculty Coordinator

HoD

Head of Department
Dio Medical Engineering
ACS College of Engineering
Bangalore - 560 074.

2. 4th sem students attendance list:

ACS College of Engineering

DEPARTMENT OF BIOMEDICAL ENGINEERING

Date: 17-03-2026

SL NO	USN	Student Name	Signature
1	1AH24BM001	AKASH	
2	1AH24BM002	ARCHANA. B.G	
3	1AH24BM003	ARJUN. B.L	
4	1AH24BM004	ARUN N SUNAGAR	
5	1AH24BM005	AVANI. K. S	
6	1AH24BM006	BI BI AYESHA. K. Y	
7	1AH24BM007	BINDHU. M	
8	1AH24BM008	CHANDAN. R	
9	1AH24BM009	G. HARSHITHA	
10	1AH24BM010	GAYATHRI. L	
11	1AH24BM011	HARINI SARAVANAN	
12	1AH24BM013	HARSHITHA. G	
13	1AH24BM014	HARSHITHA LAL. H	
14	1AH24BM015	HEMASHREE. P	
15	1AH24BM018	LAKSHMI SHREE. S	
16	1AH24BM022	MOHAMMED AZHAR	
17	1AH24BM023	MOHAMMED ISMAIL ZIYAD	
18	1AH24BM024	MOVIKA. V	
19	1AH24BM025	N. RITHU CHOWDARY	
20	1AH24BM027	NIKHIL. M	
21	1AH24BM028	NOEL SHAJU	
22	1AH24BM029	OWAIS HUSSAIN NADAF	
23	1AH24BM030	PRANAM. K	
24	1AH24BM031	PRARTHANA. G	
25	1AH24BM032	RIKSHITHA PRAKASH. P	
26	1AH24BM033	SAHITHYA. S. M	
27	1AH24BM035	SRUSHTEE. S. B	
28	1AH24BM036	TRISHA. K	
29	1AH24BM037	TRISHA. M. S	
30	1AH24BM038	VISHAL. V	
31	1AH24BM039	VRUSHALI G S	
32	1AH23BM022	SOWMYA SHREE M N	

17/3/26

Faculty Coordinator

HoD

Dept. of Biomedical Engineering
ACS College of Engineering
Bangalore - 560 074.

2. 6th sem students attendance list:

ACS College of Engineering

DEPARTMENT OF BIOMEDICAL ENGINEERING

Date : 17-03-2026

Sl. NO	USN	NAME	Signature
1.	1AH23BM001	ALWIN RAJU	
2.	1AH23BM002	ANILET ENITA M	—
3.	1AH23BM003	ANUSHA N	
4.	1AH23BM004	BHOOMIKA	—
5.	1AH23BM005	CHAITRA GUBBI	
6.	1AH23BM006	CHANDANA P	
7.	1AH23BM007	CHANDANA R	Chandana R
8.	1AH23BM009	JEEVAN R	
9.	1AH23BM010	KEVIN RUFUS KUMAR	
10.	1AH23BM011	KUSUMA C V	
11.	1AH23BM012	LISHA S	
12.	1AH23BM013	M L TARUN RAJ	
13.	1AH23BM014	MEGHNA	
14.	1AH23BM015	MIDHUN KRISHNAN U	—
15.	1AH23BM016	MOHAMMED ABDUL HASEEB	
16.	1AH23BM017	NAIOMI BENJAMIN	
17.	1AH23BM018	NANDIKA B U	
18.	1AH23BM019	PRANATHI K M	
19.	1AH23BM020	SANJANA H S	
20.	1AH23BM023	TANUSHA S	
21.	1AH23BM024	VADDI MEGHANA	—
22.	1AH23BM025	VAISNAVI B	
23.	1AH23BM027	VIDYA HEGDE	

17/3/26

Facility Coordinator

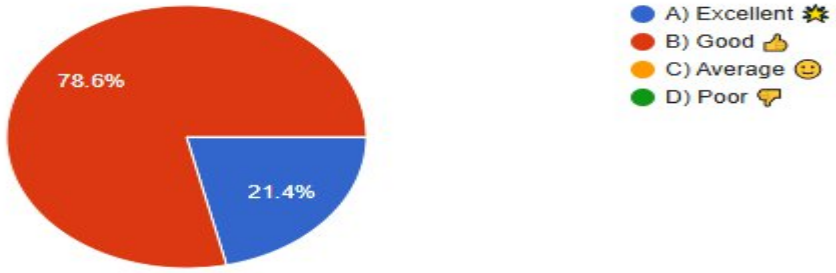
HoD

Head of Department
Bio Medical Engineering
ACS College of Engineering
Bangalore - 560 074.

Students Feedback:

Feedback form on guest lecture :"Problem Identification for Projects and Research Leading towards Publications".

1. How would you rate the overall guest lecture? ⭐



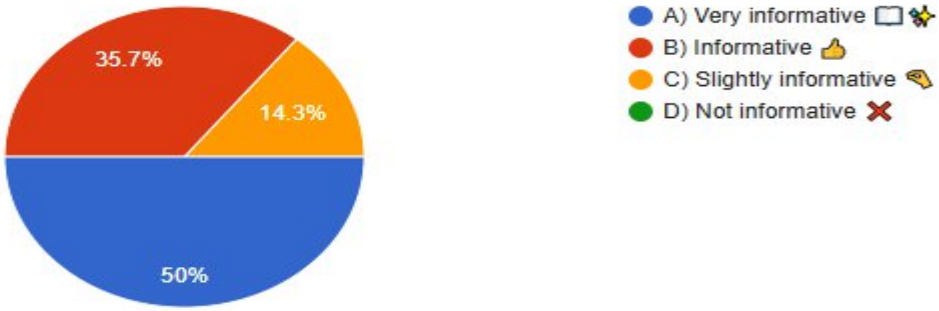
2. How clear was the topic explanation? 🧠



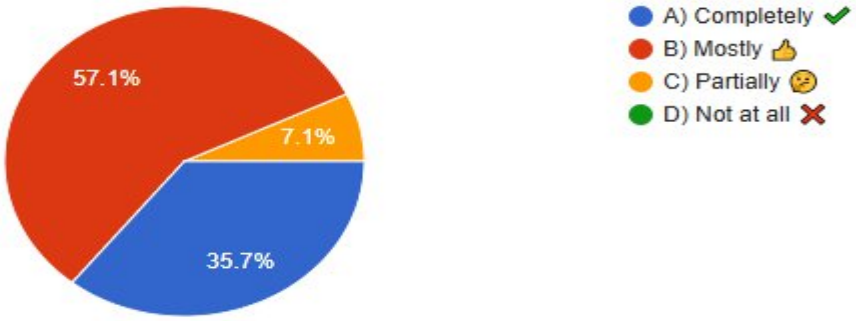
3. How effective was the speaker (Dr. Punal M. Arabi)? 🎤



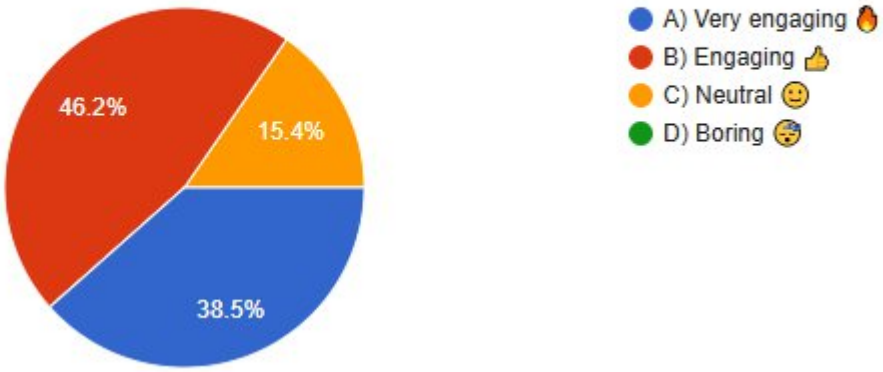
4. Was the session informative and useful?



5. Did you understand how to identify research problems?



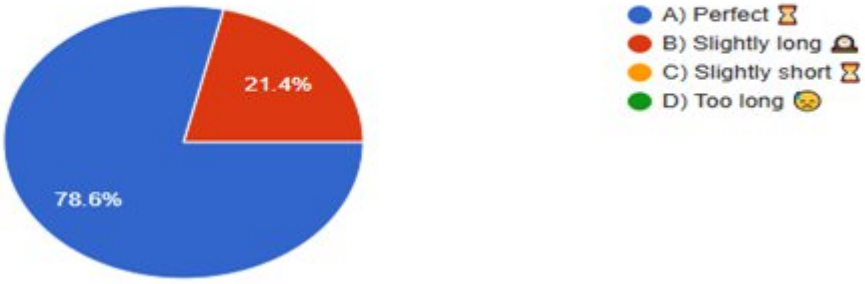
6. How engaging was the session?



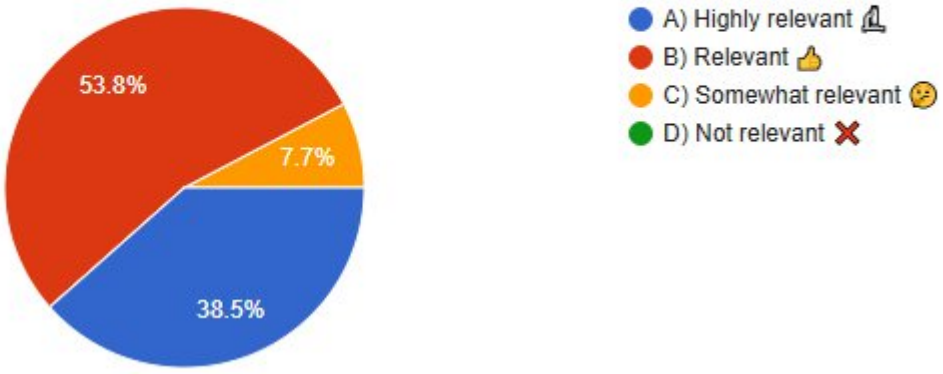
7.Were real-life examples provided?



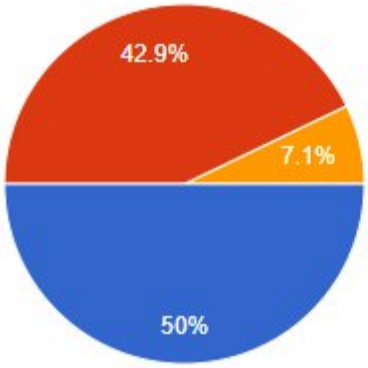
8.Was the duration of the session appropriate?



9. How relevant was this lecture to your field (Biomedical Engineering)?



10.Would you like more such guest lectures in the future?



A) Yes, definitely
B) Yes
C) Maybe
D) No

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31/3/26
Event Co-ordinator

31/3/26
Hod

Head of Department
Bio Medical Engineering
ACS College of Engineering
Bangalore - 560 074.

Principal

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Kengeri Hobli, Bangalore-560074