



Institute of Advanced Research

The University for Innovation

Established under the Gujarat Private Universities Amendment Act 2011 and recognized under section 22 and 2(f) of UGC



R&D Cell of IIC



A Report on

“Problem Statement Database and Collaborative Projects”

(Academic Session: 2025-26)

Organizing Committee:

R&D Cell of IIC, IAR
SSIP, IAR

Organizing Coordinators:

Dr. Khushboo Sinha, Assistant Professor, SCT, IAR

Report Prepared by:

Dr. Khushboo Sinha
Assistant Professor, SCT
R&D Cell Member of Institution's
Innovation Council, IAR

Date of the event:

18th February, 2026



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Name of Organizing Committee/Coordinator:

Event Type (Co-curricular/ Extra-curricular)	Expert Session organized by R&D Cell of IIC, SSIP, IAR	
Platform	Online	
Date(s) of the Event	18 th February, 2026	
School of Biotechnology and Bioengineering:		Active participation of IAR students and sincere efforts of the Faculty organizing committee, Volunteer student committee and IAR (HR dept., IT dept., Non- teaching staffs, etc.) The event was highly successful due to the active participation of students from School of Computing and Technology at IAR. (Student attendance sheet attached for reference in Annexure 'I'.)
No. of Students participants	Students: 0	
School of Computing and Technology:		
No. of Students participants	Students: 66	
Guest/Expert invited	Dr. Jay Vishnu Gupta, Senior R&D Hardware Engineer, Intel India Private Limited, Bangalore	
Media coverage	NA	
Link to session on online platform	Pre-event Link: https://www.linkedin.com/posts/iargandhinagar_iaruniversity-expertsession-innovation-activity-7429408939148226560-VpHi?utm_source=share&utm_medium=member_desktop&rcm=ACoAADkF0sB2QMDFkdkZfE4p_8GLXrTYEM40E	Post-event Link: https://www.linkedin.com/posts/iargandhinagar_iaruniversity-eventglimpse-photodump-ugcPost-743195616190777536-FPYd?utm_source=share&utm_medium=member_desktop&rcm=ACoAADkF0sB2QMDFkdkZfE4p_8GLXrTYEM40E
Payment advice from the Accounts department	NA	
Sponsoring Authority	IAR	



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Name of Organizing Committee/Coordinators:

Patron: Brig. P.C. Vyas, Director, IAR

Faculty Organizing Committee:

Dr. Khushboo Sinha, Assistant Professor, SCT, IAR

Brief Overview of the Event:

The Expert Session on Problem Statement Database and Collaborative Projects was conducted by R&D Cell of Institutions Innovation Council (IIC), IAR University on 18th February, 2026. The session was designed as an interactive knowledge-sharing platform to familiarize students with the rapidly growing culture of the collaborative projects shared by both industry and academics. This session played a crucial role in fostering research oriented learning, project collaborations, and solution-oriented thinking among students.

The session was delivered by Dr. Jay Vishnu Gupta, a senior hardware engineer in Intel India Private Limited, Bangalore. With a strong background in industrial problem-oriented research, the speaker brought practical insights from real-world problem statements. His experience as a senior researcher with multiple patents added credibility and relevance to the session.

The primary objective of the event was to introduce students to the problem statement databases such as Intel Labs, Google research scholar program, Samsung Global Research Outreach (GRO) and others. The students were made aware that by systematically collecting, organizing, and solving real-world problems through structured teamwork, institutions can significantly enhance research relevance and practical impact.

A major highlight of the session was the comparison between industrial requirements of the solutions and the projects or problem statements handled by the academic institutes. Key highlights which were discussed are centralized problem collection, standardized problem definitions, avoiding duplication of work, improving research relevance, and enhancing industry-academia interaction.



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The session emphasized the importance of team-based problem solving, multi-stakeholder participation, real-world implementation focus, structured milestones and outcomes.

Number of participants: 66 participants

Overall, the session served as a comprehensive orientation toward innovation and well-designed problem statement databases combined with structured collaborative project frameworks. The students were informed about transforming scattered industrial challenges into organized opportunities and connects problem owners with capable solution providers. Such integrated systems strengthen academic quality, industry engagement, and societal impact by promoting structured, transparent, and outcome-driven academic-industrial collaborations.

Outcome of the Event:

The session successfully made the students aware to select the real-world industrial problems from their databases and solve the problems by forming a productive teamwork. Some of the key outcomes include:

- Collaborative projects involve multiple stakeholders (students, researchers, developers, organizations) working together to solve a defined problem.
- Expert committee of the industry reviews clarity, feasibility, and impact of the problems.
- Problem added to the database with tags and metadata.
- Students/researchers select problem and form teams.
- Progress tracked via project management tools.
- Finally, solutions evaluated and possibly deployed in real environments.

Overall, the event acted as a knowledge and motivation booster, encouraged students to participate in collaborative projects through the institute with proper guidance from mentors both from the institute and the industry.



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Participants Feedback:





Students appreciated the opportunity to get practical insights of industrial requirements of the solutions to the technical problems defined in the industry's databases. The students were guided to work on the defined problem statements and carry out their solutions within a framed teamwork. The event was highly successful, and students gave extremely positive feedback as well as highlighted their willingness on participation for similar future events.


Report for Media:


Linkedin:

 **Khushboo Sinha** reposted this ***





 **IAR University Gandhinagar** · 1st
Institute of Advanced Research (IAR) (The University For Innovation) UGC Recognis...
20m · 🌐


  **Expert Insights in Action at IAR University!****  



The R & D Cell & Institution's Innovation Council proudly hosted an ****Online Expert Session**** on
 ***Problem Statement Database & Collaborative Projects***





 ****Speaker:**** Dr. Jay Vishnu Gupta
Senior H/W Design Engineer, Intel Technology India Pvt. Ltd., Bangalore

With industry-driven perspectives and practical insights, the session empowered students to understand:

-  How to build impactful problem statements
-  The importance of structured databases
-  Industry-academia collaborative opportunities
-  Real-world innovation and research alignment

 ****Co-ordinator:**** Dr. Khushboo Sinha, Assistant Professor, SCT-IAR

 18th February 2026
 IAR University

An enriching platform bridging academia with industry expertise!  
Innovation begins with the right problem statement!  



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R & D CELL OF



INSTITUTION'S INNOVATION COUNCIL
Ministry of Education, Government of India

Online Expert Session on

Problem Statement Database & Collaborative Projects

Co-ordinator:

Dr. Khushboo Sinha,
Assistant Professor, SCT-IAR



Dr. Jay Vishnu Gupta
Senior H/w Design Engineer
Intel Technology India Pvt Ltd
Bangalore

DATE
18th Feb 2026

TIME
2:00 PM Onwards

VENUE
Room No-205,
AB-2



SCAN HERE



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Instagram:

https://www.instagram.com/p/DU2UOnzjGFQ/?utm_source=ig_web_copy_link&igsh=MzRIODBiNWFIZA==

Media Coverage: NA

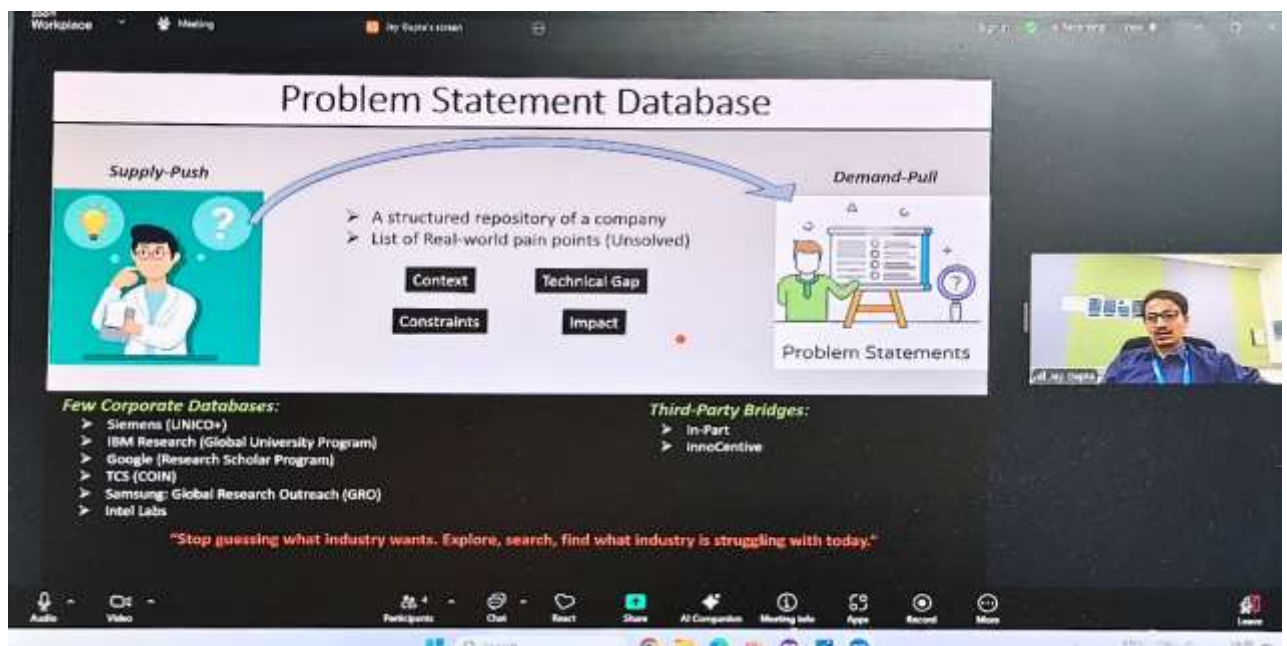
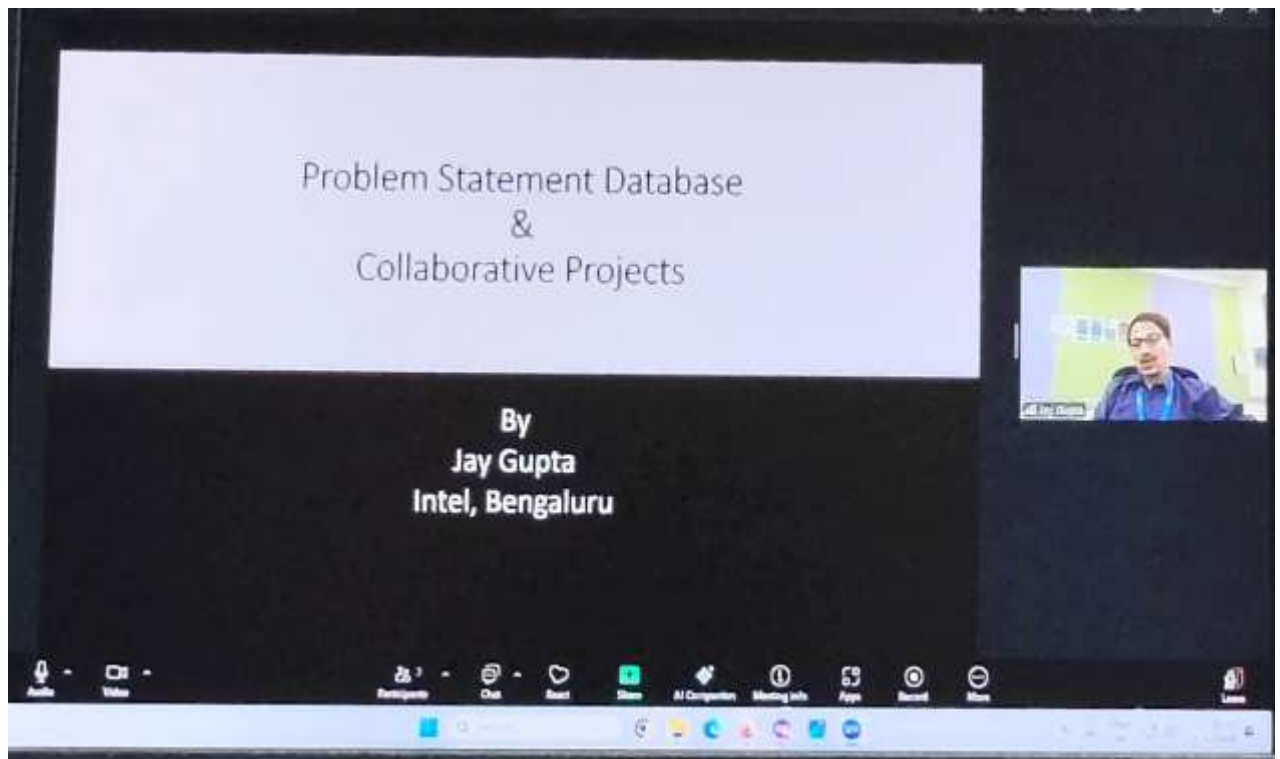


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Glimpses of “Problem Statement Database and Collaborative Projects” on 18-02-2026:





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Acknowledgement –

- Director, IAR
- Registrar
- Dean Academics
- Dean Research
- Heads - All the Departments
- Faculty members - All the Departments

Report Copied to: (Attachment sent through email)

- Office of Director and Registrar
- Office of Dean Research and Academics
- Heads of all the Department
- SSIP/IIC Coordinator

Roli Mishra
26/02/2026

Signature
Dr. Roli Mishra
(Chairman, IIC, IAR)

Khushboo Sinha

Signature
Dr. Khushboo Sinha
Assistant Professor, SCT, IAR
(R&D cell member, IIC, IAR)



Date: 18-02-2026

Place: Gandhinagar



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ANNEXURE – I

Attendance:

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Attendance of Students

Name of Event: Problem Statement Database & Collaborative Project.
Venue: A2-205
Date: 18/02/2026

Sr. No.	Student Name	IAR Number	Program	Semester	Signature
1	Modi Archi .S.	IAR114525	B.Tech IT	6	
2	Patel Mahi	14660	B.Tech IT	6	
3	Patel Archi	14499	B.Tech IT	6	
4	Patel Riya	14196	B.Tech IT	6	
5	Vedant Dubey	14124	B.Tech IT	6	
6	Prityanshu Parshit	14406	B.Tech IT	6	
7	Grawal Sushan	14337	B.Tech IT	6	
8	Karan Anujak	14708	B.Tech IT	6	
9	Dinakaran.	14701	B.Tech IT	6	
10	Surjay Singh	14619	B.Tech IT	6	
11	Jay Painter V	14706	B.Tech IT	6	
12	Swagun Goradaya	14504	B.Tech IT	6	
13	Pooja Thakar	14440	B.Tech IT	6	
14	Mahvika Desai	IAR15685	B.Tech IT	6	
15	Pandya Diya	IAR15328	B.Tech IT	6	
16	Arushi Joshi	IAR15500	B.Tech IT	6	
17	Mahak Kanchi	IAR14911	B.Tech IT	6	
18	Sakshi Suresh	IAR14902	B.Tech IT	6	
19	AYUSH RAKHOLIYA	IAR14498	A-TECH IT	6	
20	Hat Salanki	IAR14658	B.Tech IT	6	



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IT-SEM-6

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Attendance of Students

Name of Event: Problem Statement Database & Collaborative Project.
Venue: A2-205
Date: 28/02/2026

Sr. No.	Student Name	IAR Number	Program	Semester	Signature
1	TRAMBADIYA DHARMJIK	15271	B.Tech IT	6 th	
2	PATEL VANSH	14483	B.Tech IT	6 th	
3	NAYAK VANSH	15714	B.Tech IT	6 th	
4	BIHOLA YUVRAJSINH	14404	B.Tech IT	6 th	
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Attendance of Students

Name of Event: Problem Statement Database & Collaborative Projects
 Venue: A2-205
 Date: 18/02/2026

Sr. No.	Student Name	IAR Number	Program	Semester	Signature
1	Jayul Verma	15838	B.Tech IT	4	
2	Komal H. Rawmer	15850	B.Tech IT	4	
3	Nishva Patel	15510	B.Tech IT	4	
4	Sonal Rabari	17583	B.Tech IT	4	
5	Zeel L. Sambhaya	17396	B.Tech IT	4	
6	Fery Patel	15943	B.Tech IT	4	
7	Manali Hodiya	15959	B.Tech IT	4	
8	Jemini Gheladiya	15966	B.Tech IT	4	
9	Mukund Girani	15902	B.Tech IT	4	
10	Vagheer Anshul	17678	B.Tech IT	4	
11	Rashana Tanisha	15003	B.Tech IT	4	
12	Patel Manashvi	15519	B.Tech IT	4	
13	Suhani Jain	15931	B.Tech IT	4	
14	Patel Vaidehi	15464	B.Tech IT	4	
15	Patel Vaidal	17367	B.Tech IT	4	
16	Patel Nayan	17320	B.Tech IT	4	
17	Joshi Rud Sant	17788	B.Tech IT	4	
18	Kabir Thakkar	17607	B.Tech IT	4	
19	Krush Patel	15421	B.Tech IT	4	
20	Akshay V. D. J.	15534	B.Tech IT	4	

B.Tech IT
 24 Patel Manish
 25 Jyoti Patel
 Sem IV 15846
 Sem IV 16464



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Attendance of Students

Name of Event:

Venue:

Date:

Sr. No.	Student Name	IAR Number	Program	Semester	Signature
1	Chauda Prathviraj	14942	B.Tech IT	Sem-4	
2	Niyati Joshi	15516	B.Tech IT	Sem-4	
3	Ashwika Yerpude	15515	B.Tech IT	Sem-IV	
4	Srujal Gupta	15488	B.Tech IT	Sem-IV	
5	Krush. Trivedi	15143	B.Tech IT	Sem-IV	K. P. Trivedi
6	Dax. Patel	15947	B.Tech IT	Sem-IV	
7	Gaur. Patel	14964	B.Tech IT	Sem-IV	
8	Abhishek Mani	14853	B.Tech IT	Sem-IV	
9	Poorn. Mutha	15961	B.Tech IT	Sem-IV	
10	Jayram Puro	15373	B.Tech IT	Sem-IV	
11	Vishesh Patel	15836	B.Tech IT	Sem-IV	
12	Hat Patel	15923	B.Tech IT	Sem-IV	
13	Rudra Patel	15388	B.Tech IT	Sem-IV	
14	Rattod Dhanu	25122	B.Tech IT	Sem-IV	
15	Utsav Patel	15520	B.Tech IT	Sem-IV	
16	Kritam Patel	14939	B.Tech IT	Sem-IV	
17	Munav Gadhil	14774	B.Tech IT	Sem-IV	
18	Harshrajsinh Dodiya	14970	B.Tech IT	Sem-IV	
19	Bikash Saha	15174	B.Tech IT	Sem-IV	
20	Dheer Pansare	15502	B.Tech IT	Sem-IV	
21	Jani Jansom	15700	"	Sem-IV	
22	Patel Bhavya	15449	"	"	
23	Gaurav Sengut	15839	"	"	



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Attendance of Students

Name of Event: Problem Statement Databen & Collaborative Projects

Venue: A2-305

Date: 18/1/20

Sr. No.	Student Name	IAR Number	Program (Others)	Semester	Signature
1	Bhakti Khatri	19380	G. Tech IT	II	
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Attendance of Students

Name of Event: Problem Statement Database & Collaboration Projects
 Venue: A2-205
 Date: 18/02/2026

Sr. No.	Student Name	IAR Number	Program	Semester	Signature
1	Sathish Aryan	14967	B.Tech CE	4	<i>[Signature]</i>
2	aditya Vyas		B.Tech CE	4	<i>[Signature]</i>
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