**Ref. No.: IAR/IPR/2025-26/004** **Date: 05.03.2026**

# Intellectual Property Rights (IPR) Committee
## *Meeting – 11/02/2026*

## *Minutes of Meeting*

The meeting of IPR was scheduled to discuss the points mentioned in the agenda below. It was chaired by **Brig. P. C. Vyas, Director & Pro VC, IAR.**

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|---|---|
| Date | 11/02/2026 |
| Time | 09: 30 AM |
| Facilitator | Mr. Milan Trivedi – Coordinator, IPR |
| Venue | Meeting Room, Academic Block 2, IAR |
| Committee Members | **Absent:**<br>Dr. Koshal Kishor<br>**Present:** All others<br>(Refer **Annexure - C**) |
| Jury Members | Dr. Tvarit Patel<br>Dr. Brijesh Jajal |
| Agenda | 1. Welcome of all members by Member Secretary<br>2. Presentations of student proposals<br>3. Discussion and Evaluation of Proposals Presented<br>4. Discussion on Patent Proposal of Dr. Brijesh Jajal, HOD, SCT<br>5. Vote of thanks |

| Sr. No. | Agenda points | Discussion and Suggestion | Decision | Action by |
|---|---|---|---|---|
| 1. | ***Welcome address*** | The institute level IPR committee meeting cum IPR Patent Proposal event was started with the permission of Brigadier P. C. Vyas, IAR.<br><br>Mr. Milan Trivedi, the member secretary welcomed committee members and jury members. | N/A | N/A |
| 2. | Presentations of proposals | Proposals were presented by 5 student teams.<br>(Refer **Annexure-D**)<br>Committee members and Jury members assessed the project's viability and progress, offering targeted feedback to help teams resolve issues and optimize future outcomes. | Refer **Annexure - A** | Mr. Milan Trivedi |
| 3. | Discussion/Decision on evaluated proposals | All the 5 proposals were discussed for support. | Approved by the committee and Jury members for support.<br>Refer **Annexure - B** | Mr. Milan Trivedi |
| 4. | Discussion/Decision on Patent Registration proposal of Dr. Brijesh Jajal, HOD, SCT | Committee members and Jury members assessed the proposal regarding patent for 'Layout-design of Smart Car Parking System' in the name of Dr. Brijesh Jajal. | All Agreed | Mr. Milan Trivedi |

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|---|---|---|---|---|
| 5. | Other | Mr. Amitkumar Patel shared his knowledge on IPR with members, and explained about importance of design patents.<br><br>He proposed that IAR University should be listed as a co-applicant on all patent applications filed by students.<br><br>Additionally, all SSIP grantees are required to comply with the IPR policy along with the SSIP policy. | All Agreed | All |
| 6. | ***Vote of Thanks*** | At the end Mr. Milan Trivedi, Member Secretary expressed gratitude to all members for their valuable participation and contributions. | N/A | N/A |

**Brigadier P. C. Vyas**
**Chairperson**
**(IPR Committee)**

**Mr. Milan Trivedi**
**Member Secretary**
**(IPR Committee)**

## Annexure – 'A'

Recommendation for Proposals

| Sr. No. | Project Name | Team Leader Name | Recommendations |
|---|---|---|---|
| 1 | Smart Traffic Signal Control Using Multi-Agent AI | Pritesh Suthar | Can be taken forward for patent filing |
| 2 | Oligomer-Based Nanoprobe Electrochemical DNA Sensor for Rapid Antimicrobial Resistance Detection | Malvika Shukla | Can be taken forward for patent filing |
| 3 | Novel Composite Edible Coating Comprising Aloe Vera and Fenugreek galactomannan to Enhance the Shelf Life of Perishable Crops | Mayur Solanki | Can be taken forward for patent filing |
| 4 | Carbonized Metal "Organic Framework Beads and Their Use as Electrode Materials for Super capacitors | Maiya Dhruvesh | Can be taken forward for patent filing |
| 5 | Hydrothermal Synthesis of Cobalt Sulfide–Phosphate Nanocomposites as Cost-Effective Non-Noble Electrocatalysts for Sustainable HER | Desai Anis Yusufbhai | Can be taken forward for patent filing |
| 6. | Layout-design SMART CAR PARKING SYSTEM | Dr. Brijesh Jajal<br>Mr. B. Suresh Kumar | Can be taken forward for patent filing |

## Annexure-'B'

| Sr. No. | Project ID | Project Name | Type | Team Leader Name | Team Members | Mentor Name (IAR) |
|---|---|---|---|---|---|---|
| 1 | IPR2526_01 | Smart Traffic Signal Control Using Multi-Agent AI | Patent | Pritesh Suthar | - | - |
| 2 | IPR2526_02 | Oligomer-Based Nanoprobe Electrochemical DNA Sensor for Rapid Antimicrobial Resistance Detection | Patent | Malvika Shukla | Vaishnavi Nidhi Yadav | Dr. Shubhita Tripathi & Dr. Alok Pandya |
| 3 | IPR2526_03 | Novel Composite Edible Coating Comprising Aloe Vera and Fenugreek galactomannan to Enhance the Shelf Life of Perishable Crops | Patent | Mayur Solanki | NAIR ANGIT GIRISH | - |
| 4 | IPR2526_04 | Carbonized Metal "Organic Framework Beads and Their Use as Electrode Materials for Super capacitors | Patent | Maiya Dhruvesh | - | Dr. Tvarit Patel |
| 5 | IPR2526_05 | Hydrothermal Synthesis of Cobalt Sulfide–Phosphate Nanocomposites as Cost-Effective Non-Noble Electrocatalysts for Sustainable HER | Patent | Desai Anis Yusufbhai | - | Dr. Koshal Kishor & Dr. Ganesh Bajad |
| 6 | NA | Layout-design SMART CAR PARKING SYSTEM | Patent | Dr. Brijesh Jajal | - | NA |

**Approved by Experts:**

Dr. Brijesh Jajal

Dr. Tvarit Patel

**Approved by Committee Members:**

Ms. Twinkle Patel

Dr. Koshal Kishor

Dr. Ganesh Prasad

Dr. Anjali Mishra

Mr. Minesh Prajapati

Mr. Milan Trivedi

Dr. Roli Mishra

Mr. Amitkumar Patel

## Annexure-'C'

Attendance of Committee and Jury Members:

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

IAR/IPR/2025-26/003 Date: 11-02-2026

### IPR Proposal Presentation

**Date: 11-02-2026**
**Time: 09:30 AM**
**Mode: Offline**
**Venue: Meeting Room, Academic Block - II, IAR**

**The following committee members were present /absent:**

| Sr. No. | Name | Nomination | Signature |
|---|---|---|---|
| 1. | Brig. P C Vyas | Chairperson | |
| 2. | Dr. Ganesh Prasad | Member (Technical Expert) | K.S. Ganesh Prasad |
| 3. | Dr. Roli Mishra | Member (Academic Expert) | Roli |
| 4 | Mr. Amitkumar Patel | Member (Industry Expert) | Amit |
| 5. | Dr. Anjali Mishra | SSIP Coordinator, IAR | Anjali |
| 6. | Dr. Koshal Kishor | Member (Academic Expert) | Absent |
| 7. | Dr. Twinkle Patel | Member (Academic Expert) | |
| 8. | Mr. Minesh Prajapati | Head Incubation, IAR | M.K. Prajapati |
| 9. | Mr. Milan Trivedi | Member Secretary | Trivedi |

**The following jury members were present /absent:**

| Sr. No. | Name | Designation | Signature |
|---|---|---|---|
| 1. | Dr. Tvarit Patel | Asst. Prof., School of Humanities and Sciences | T.A Patel |
| 2. | Dr. Brijesh Jajal | Head, School of Computing and Technology | BJajal 11/2/26 |
| 3. | Dr. Neeru Singh | Asst. Prof., School of Biotechnology and Bioengineering | Absent |
| 4 | Dr. Anand K. Tiwari | Dean-Academics | Absent |

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# Annexure-'D'

## Attendance of Participants:

Institute of Advanced Research
The University for Innovation
IAR University
Established under the Gujarat Private Universities Amendment Act 2011 and recognized under section 22 and 2(f) of UGC

**IPR PROJECT PROPOSAL PRESENTATION – ATTENDANCE**

*Date: 11.02.2026*

| Sr. No. | Project ID | Team Name | Team Members | IAR Number | School (SBB/SCT/SBM/SHS) | Contact No | Signature |
|---|---|---|---|---|---|---|---|
| 1. | IPR2526_01 | Smart Traffic Signal Control Using Multi-Agent AI | PRITESH SUTHAR | IAR/15163 | SCT | 7877545471 | |
| 2. | IPR2526_02 | Oligomer-Based Nanoprobe Electrochemical DNA Sensor for Rapid Antimicrobial Resistance Detection | Malvika Shukla | IAR/14723 | SHS | 6353991698 | |
| | | | Vaishnavi (Passed out) | | SBB | 9422818819 | – |
| | | | Nidhi Yadav (Pass out) | | SBB | 9998573768 | – |
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| 3. | IPR2526_03 | Novel Composite Edible Coating Comprising Aloe Vera and Fenugreek galactomannan to Enhance the Shelf Life of Perishable Crops | Mayur Solanki | IAR/13062 | SBB | 9265859767 | |
| | | | Nair Angit Girish | IAR/14426 | SBB | 7201996353 | |

IPR| Proposal Presentation | FEB 2026 | Attendance Sheet

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| Sr. No. | Project ID | Team Name | Team Members | IAR Number | School (SBB/SCT/SBM/ SHS) | Contact No | Signature |
|---|---|---|---|---|---|---|---|
| 04. | IPR2526_04 | Carbonized Metalâ€"Organic Framework Beads and Their Use as Electrode Materials for Supercapacitors | Maiya Dhruvesh | IAR/12475 | SHS | 9265859767 | |
| 05. | IPR2526_05 | Hydrothermal Synthesis of Cobalt Sulfide–Phosphate Nanocomposites as Cost-Effective Non-Noble Electrocatalysts for Sustainable HER | Desai Anis Yusufbhai | IAR/15804 | SBB | 7043804794 | |
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