REVA UNIVERSITY
Bengaluru, India

# School of Civil Engineering

## Smart Cities and IP: Protecting Sustainable Innovations

Session Report

Date of Event: 07.04.2025

Venue: SMVB 108

Academic Year: 2024-25

School of Civil Engineering
REVA University,
Rukmini Knowledge Park,
Kattigenahalli, Yelahanka,
Bengaluru-560064

**REVA University Vision:** REVA University aspires to become an innovative university by developing excellent human resources with leadership qualities, ethical and moral values, research culture and innovative skills through higher education of global standards.

**REVA University Mission:**

- To create excellent infrastructure facilities and state-of-the-art laboratories and incubation centers
- To provide student-centric learning environment through innovative pedagogy and education reforms
- To encourage research and entrepreneurship through collaborations and extension activities
- To promote industry-institute partnerships and share knowledge for innovation and development
- To organize society development programs for knowledge enhancement in thrust areas
- To enhance leadership qualities among the youth and enrich personality traits, promote patriotism and moral values

**School of Civil Engineering**

**Vision:** To produce young engineers of Caliber, who would be committed to their profession with ethics, will be able to contribute to Civil Engineering and allied fields in optimizing usage of resources globally making the world more eco-friendly to live in.

**Mission:**

- To make the school a centre of excellence for training the undergraduate students.
- To promote involvement of staff and students in research and advanced training.
- To develop good understanding skills in student communities about Civil Engineering, ethical practices, automation design and society need centric teaching and learning and imparting value addition skills.

# Contents

# Section:1

## Mapping of event to COs &POs of the course

**Course Outcomes (COs):**

By the end of this course/session, the participant can able to

1. Understand the fundamentals of Intellectual Property (IP) in the context of smart city development.
2. Identify various types of IP applicable to smart city innovations and sustainable technologies.
3. Analyze real-world examples of IP protection in smart infrastructure, urban mobility, and green buildings.
4. Examine the legal and regulatory frameworks for safeguarding IP in sustainable urban solutions.
5. Evaluate the role of IP rights in encouraging innovation, collaboration, and entrepreneurship in smart cities.
6. Develop awareness of ethical, legal, and strategic aspects of IP management in sustainable urban development.

**Program Outcomes (POs)**

After successful completion of the programme, the participant shall be able to

1. PO1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialisation for the solution of complex engineering problems.
2. PO2. Problem analysis: Identify, formulate, research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. PO3. Design/Development of Solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and cultural, societal, and environmental considerations.
4. PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

5. PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
6. PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. PO9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. PO10. Communication: Communicate effectively on complex engineering activities with the engineering community and with the society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. PO11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. Life-long learning: Recognise the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

**CO-PO Mapping**

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CO1** | 3 | 2 | | | | 2 | 2 | | | 2 | | |
| **CO2** | 3 | | 2 | | | | | | | 2 | | |
| **CO3** | | | 3 | | | | 2 | | 2 | 2 | | |
| **CO4** | | | 2 | | | 3 | | 3 | | 2 | | 2 |
| **CO5** | 3 | 2 | 3 | | | 2 | | 3 | 2 | 3 | 2 | 3 |
| **CO6** | | 2 | 2 | | | 2 | | 3 | 2 | 3 | 2 | 3 |

1 – Low Alignment, 2 – Medium Alignment, 3 – High Alignment

# Section:2

## Permission letter

06/03/2025

To
The Director
School of Civil Engineering
REVA University

From
Dr. Yeddula Bharath Simha Reddy
Assistant Professor
School of Civil Engineering
REVA University

Subject: Request for Permission to Organize IPR Session – "Smart Cities and IP: Protecting Sustainable Innovations"

Respected Madam,

The School of Civil Engineering, REVA University, seeks your approval to organize an IPR session titled "Smart Cities and IP: Protecting Sustainable Innovations" on 08th April 2025.

This session explores the intersection of Smart Cities and Intellectual Property, highlighting the importance of protecting sustainable innovations. It will provide insights into patents, copyrights, and trademarks in smart infrastructure, ensuring the security of technological advancements in urban development.

We kindly request your permission to proceed with the organization of this seminar. Looking forward to your approval.
Sincerely,

**Faculty Coordinator**
Dr. Yeddula Bharath Simha Reddy
Assistant Professor
School of Civil Engineering
REVA University

**Director**
Dr. Bhavana B
Associate Professor and Director
School of Civil Engineering
REVA University

# Section:3

## Circular

RU/CV/IPR/2025/03 Date: 06.03.2025

Subject: Invitation to attend IPR session – "Smart Cities and IP: Protecting Sustainable Innovations"

Dear Faculty and Students,

The School of Civil Engineering, REVA University, is pleased to invite you to an IPR session on "Smart Cities and IP: Protecting Sustainable Innovations" scheduled for 08th April 2025.

This session explores the intersection of Smart Cities and Intellectual Property, highlighting the importance of protecting sustainable innovations. It will provide insights into patents, copyrights, and trademarks in smart infrastructure, ensuring the security of technological advancements in urban development.

We encourage all faculty and students to participate and make the most of this opportunity to enhance their knowledge and engage in meaningful discussions.

Looking forward to your enthusiastic participation.

**Faculty Coordinator**
Dr. Yeddula Bharath Simha Reddy
Assistant Professor
School of Civil Engineering
REVA University

**Director**
Dr. Bhavana B
Associate Professor and Director
School of Civil Engineering
REVA University

## Section:4

## E-Banner

# Section:5

## Brief points about event

**Session Overview:**

The School of Civil Engineering, REVA University, in collaboration with the Student Welfare Club and UIIC, is organizing a session titled " Smart Cities and IP: Protecting Sustainable Innovations " on April 07, 2025, from 01:20 PM to 02:20 PM at Sir M.V Block - 108. A total of 23 students and faculty attended the event.

**Keynote Speaker:**

Mr. Burri Ankaiah

Assistant Professor / Head of IPR / Innovation Ambassador

IEEE-PES Student Chapter Ambassador, REVA University

Mr. Ankaiah brings extensive expertise in Intellectual Property Rights (IPR) and its application in engineering and academia. As a recognized expert in copyright laws, he provided valuable insights into protecting engineering innovations, legal compliance, and industry best practices.

**Session Highlights:**

- Introduction to IPR and its role in smart infrastructure development
- Real-life examples of IPR application in urban design and engineering
- How to file patents and copyrights for engineering innovations
- IP strategies for startups and sustainability-based solutions
- Interactive Q&A session addressing student doubts and case-based discussions

**Evaluating Criteria:**

- A test will be conducted at the end of the session to measure participant's understanding and learning outcomes.
- Participants will be evaluated based on their knowledge retention, application of IPR concepts, and case study analysis.

**Impact and Future Implications:**

The session enhanced students' knowledge of IPR, with majority acknowledging increased awareness of copyright and patent processes. More than 70% expressed interest in applying IPR knowledge to their ongoing academic projects and potential startups. The session

positioned students to better align their innovations with legal protection mechanisms, a critical skill for future-ready engineers contributing to sustainable urban growth. It also opened avenues for incorporating IPR modules into elective courses and final-year projects.

# Section:6

## Geo-tagged photos


# Section:7

# Learning Outcome Assessment Form

REVA UNIVERSITY
Bengaluru, India

## School of Civil Engineering

**IPR Session**
**on**
**Smart Cities and IP: Protecting Sustainable Innovations**
**07.04.2025**
**LEARNING OUTCOME ASSESSMENT FORM**

* Required

* This form will record your name, please fill your name.

1. **Which of the following best defines a smart city?** * (1 Point)

- ◯ A city with high population density
- ◯ A city that uses digital technology to improve infrastructure and services
- ◯ A city with modern buildings
- ◯ A city with a strong economy

2. **What is the primary goal of sustainable innovations in smart cities?** * (1 Point)

- ◯ Reducing operational costs only
- ◯ Increasing industrialization
- ◯ Enhancing quality of life while minimizing environmental impact
- ◯ Promoting luxury real estate development

3. **Which technology is widely used in smart cities for managing traffic and reducing congestion?** * (1 Point)

- ◯ Artificial Intelligence (AI)
- ◯ Blockchain
- ◯ Augmented Reality
- ◯ Genetic Engineering

4. **Which of the following is a key component of smart city infrastructure?** * (1 Point)

- ◯ Smart grids
- ◯ Fossil fuel-based power plants
- ◯ Traditional water supply systems
- ◯ Paper-based governance

5. **Which of these sectors benefits the most from smart city innovations?** * (1 Point)

- ◯ Education
- ◯ Transportation
- ◯ Healthcare
- ◯ All of the above

6. **Which form of intellectual property is most suitable for protecting innovative software used in smart cities?** * (1 Point)

- ◯ Trademark
- ◯ Copyright
- ◯ Patent
- ◯ Trade secret

7. **Which IP protection method is used to safeguard new technologies for renewable energy in smart cities?** * (1 Point)

- ◯ Copyright
- ◯ Trademark
- ◯ Patent
- ◯ Geographical Indication (GI)

8. **If a company develops a unique smart waste management system, what type of IP protection should it seek?** * (1 Point)

- ◯ Patent
- ◯ Copyright
- ◯ Trade secret
- ◯ Industrial Design

9. **What is the minimum duration of copyright protection for software used in smart city infrastructure in India?** * (1 Point)

- ◯ 10 years
- ◯ 30 years
- ◯ Lifetime of the creator + 60 years
- ◯ No copyright protection for software

10. **What is the role of open-source licensing in smart city innovation?** * (1 Point)

- ◯ Prevents anyone from using the innovation
- ◯ Allows free access to technology with certain conditions
- ◯ Grants exclusive rights to one company
- ◯ Only applies to trademarks

11. **Why is it difficult to protect smart city innovations under traditional IP laws?** * (1 Point)

- ◯ Smart city solutions often involve multiple stakeholders and technologies
- ◯ There are no IP laws for digital innovations
- ◯ Smart cities do not require IP protection
- ◯ All IP protection is temporary

12. **Which of the following challenges affects patenting sustainable innovations in smart cities?** * (1 Point)

- ◯ High cost of patent filing
- ◯ Difficulty in proving novelty
- ◯ Long processing time
- ◯ All of the above

13. **What is a potential risk of not protecting IP rights in smart city technologies?** * (1 Point)

- ◯ Increased collaboration between companies
- ◯ Unauthorized copying and loss of investment
- ◯ Faster innovation
- ◯ No impact on businesses

14. **Which organization is responsible for global IP protection, including smart city innovations?** * (1 Point)

- ◯ United Nations (UN)
- ◯ World Trade Organization (WTO)
- ◯ World Intellectual Property Organization (WIPO)
- ◯ International Monetary Fund (IMF)

15. **Which strategy helps balance innovation and IP protection in smart cities?** * (1 Point)

- ◯ Strict patent laws with no sharing
- ◯ Collaboration through patent pools and licensing agreements
- ◯ Allowing only large corporations to innovate
- ◯ Restricting public access to smart city technologies

## Section:8

## Rubrics for evaluation of outcome

The evaluation is being done for 15 marks. Each question carries 01 mark. The Evaluation Rubrics is as follows.

| Score Range | Performance Level | Description |
|---|---|---|
| 13 - 15 | Excellent | Demonstrates a strong understanding of smart city concepts, intellectual property rights (IPR), global frameworks like WIPO, and ethical considerations. Accurately applies IP principles to urban innovation and sustainability scenarios. |
| 10 - 12 | Good | Shows a good grasp of smart city-IPR integration but lacks depth in certain areas like international collaboration strategies or policy implications. |
| 7 - 9 | Satisfactory | Displays basic knowledge of smart cities and IPR but struggles to connect these concepts to real-world applications or innovation protection. |
| 4 - 6 | Needs Improvement | Has limited understanding of IP concepts in the context of smart cities and fails to identify key risks and protective measures for sustainable innovations. |
| 0 - 3 | Poor | Shows little to no understanding of smart city frameworks, IP protection strategies, or global IPR mechanisms. Requires further exposure to the topic. |

# Section:9

## Learning Outcome Assessment

The learning outcome assessment showed that the average score was approximately 13.33, indicating a strong overall performance. The lowest score recorded was 9, and the majority of students scored either 13 or 14, showing good comprehension of the subject. The standard deviation was 1.44, which suggests relatively low variation in the marks. Overall, the session effectively enhanced awareness of copyright laws, but future sessions should include more case studies and real-world applications for better knowledge retention.

1. **Which of the following best defines a smart city?**
(1 point)

More details

92% of respondents answered this question correctly.

| | |
|---|---|
| A city with high population density | 0 |
| A city that uses digital technology to improve infrastructure and services | 11 ✓ |
| A city with modern buildings | 0 |
| A city with a strong economy | 1 |


2. **What is the primary goal of sustainable innovations in smart cities?**
(1 point)

More details

100% of respondents answered this question correctly.

| | |
|---|---|
| Reducing operational costs only | 0 |
| Increasing industrialization | 0 |
| Enhancing quality of life while minimizing environmental impact | 12 ✓ |
| Promoting luxury real estate development | 0 |

3. **Which technology is widely used in smart cities for managing traffic and reducing congestion?** (1 point) More details

100% of respondents answered this question correctly.

| | |
|---|---|
| Artificial Intelligence (AI) | 12 ✓ |
| Blockchain | 0 |
| Augmented Reality | 0 |
| Genetic Engineering | 0 |


4. **Which of the following is a key component of smart city infrastructure?** (1 point) More details

100% of respondents answered this question correctly.

| | |
|---|---|
| Smart grids | 12 ✓ |
| Fossil fuel-based power plants | 0 |
| Traditional water supply systems | 0 |
| Paper-based governance | 0 |


5. **Which of these sectors benefits the most from smart city innovations?** (1 point) More details

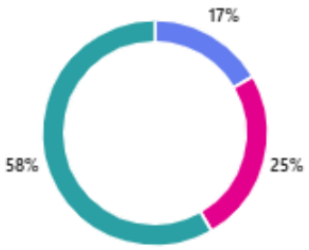
92% of respondents answered this question correctly.

| | |
|---|---|
| Education | 0 |
| Transportation | 0 |
| Healthcare | 1 |
| All of the above | 11 ✓ |

6. **Which form of intellectual property is most suitable for protecting innovative software used in smart cities?** (1 point) More details

0% of respondents answered this question correctly.

| | |
|---|---|
| Trademark | 2 |
| Copyright | 3 |
| Patent | 7 |
| Trade secret | 0 ✓ |




7. **Which IP protection method is used to safeguard new technologies for renewable energy in smart cities?** (1 poi nt) More details

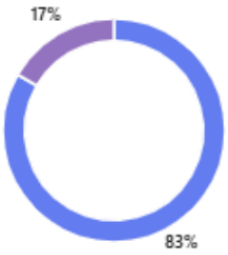
100% of respondents answered this question correctly.

| | |
|---|---|
| Copyright | 0 |
| Trademark | 0 |
| Patent | 12 ✓ |
| Geographical Indication (GI) | 0 |


8. **If a company develops a unique smart waste management system, what type of IP protection should it se ek?** (1 point) More details

83% of respondents answered this question correctly.

| | |
|---|---|
| Patent | 10 ✓ |
| Copyright | 0 |
| Trade secret | 0 |
| Industrial Design | 2 |



9. **What is the minimum duration of copyright protection for software used in smart city infrastructure in India?** (1 point) More details

92% of respondents answered this question correctly.

| | |
|---|---|
| 10 years | 1 |
| 30 years | 0 |
| Lifetime of the creator + 60 years | 11 ✓ |
| No copyright protection for software | 0 |


10. **What is the role of open-source licensing in smart city innovation?** (1 point) More details

92% of respondents answered this question correctly.

| | |
|---|---|
| Prevents anyone from using the innovation | 1 |
| Allows free access to technology with certain conditions | 11 ✓ |
| Grants exclusive rights to one company | 0 |
| Only applies to trademarks | 0 |


11. **Why is it difficult to protect smart city innovations under traditional IP laws?** (1 point) More details

92% of respondents answered this question correctly.

| | |
|---|---|
| Smart city solutions often involve multiple stakeholders and technologies | 11 ✓ |
| There are no IP laws for digital innovations | 1 |
| Smart cities do not require IP protection | 0 |
| All IP protection is temporary | 0 |

12. **Which of the following challenges affects patenting sustainable innovations in smart cities?** (1 point) More details

92% of respondents answered this question correctly.

| | |
|---|---|
| High cost of patent filing | 0 |
| Difficulty in proving novelty | 1 |
| Long processing time | 0 |
| All of the above | 11 ✓ |


13. **What is a potential risk of not protecting IP rights in smart city technologies?** (1 point) More details

100% of respondents answered this question correctly.

| | |
|---|---|
| Increased collaboration between companies | 0 |
| Unauthorized copying and loss of investment | 12 ✓ |
| Faster innovation | 0 |
| No impact on businesses | 0 |


14. **Which organization is responsible for global IP protection, including smart city innovations?** (1 point) More details

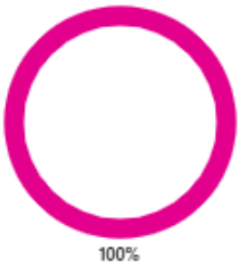
100% of respondents answered this question correctly.

| | |
|---|---|
| United Nations (UN) | 0 |
| World Trade Organization (WTO) | 0 |
| World Intellectual Property Organization (WIPO) | 12 ✓ |
| International Monetary Fund (IMF) | 0 |

15. **Which strategy helps balance innovation and IP protection in smart cities?** (1 point) More details

100% of respondents answered this question correctly.

| | |
|---|---|
| Strict patent laws with no sharing | 0 |
| Collaboration through patent pools and licensing agreements | 12 ✓ |
| Allowing only large corporations to innovate | 0 |
| Restricting public access to smart city technologies | 0 |




| S. No. | Student SRN / Faculty ID | Participant Name | Marks (15M) |
|---|---|---|---|
| 1 | R23ED052 | V GURUNAGARAJ | 14 |
| 2 | R23ED053 | VIBHOR KUMAR | 14 |
| 3 | R23ED072 | MOHAMMAD SHAHID | 13 |
| 4 | R23ED078 | PUNITH R | 9 |
| 5 | R23ED080 | RUPESH GUPTA | 14 |
| 6 | R23ED081 | S INDRA TEJA | 13 |
| 7 | R23ED092 | SARFRAJ RAJESAB BALIGAR | 14 |
| 8 | R23ED118 | YASSER ABAKER YAKOOP ADAM | 14 |
| 9 | R24ED802 | AKSHAY N | 14 |
| 10 | R24ED803 | KALITO K CHOPHY | 13 |
| 11 | R24ED806 | RAVI SRINITHISH | 14 |
| 12 | R24ED808 | SACHIN | 14 |

## Section:10

## Outcome of event

The School of Civil Engineering, in association with the Student Welfare Club and UIIC, organized an insightful session on "Smart Cities and IP: Protecting Sustainable Innovations" on April 7, 2025. The session aimed to educate students about the importance of intellectual property rights (IPR) in the context of sustainable technologies and innovations within smart cities. Mr. Burri Ankaiah, serving as the resource person, shared his expertise as an IPR Head, Innovation Ambassador, and IEEE-PES Student Chapter Ambassador. His engaging presentation covered critical aspects such as the role of global IP organizations, patenting challenges, and collaborative strategies like patent pools.

The session saw active student participation, and a quiz was conducted post-session to evaluate their understanding of the concepts discussed. The performance indicated that the session was well-received and the concepts were effectively communicated. The questions assessed key ideas such as unauthorized copying risks, the importance of licensing, and the role of the World Intellectual Property Organization (WIPO) in protecting IP globally.

Overall, the session was a great success, enriching students' knowledge on the intersection of urban innovation and IP protection. It emphasized the value of safeguarding innovations in an increasingly digital and sustainable urban future. The initiative also encouraged students to be more conscious of legal and ethical dimensions in their future engineering endeavours.

# Section:11

# Participants list

REVA UNIVERSITY Bengaluru, India

**School of Civil Engineering**

**IPR Session on**

**"Smart Cities and IP: Protecting Sustainable Innovations"**

**07.04.2025**

**Attendance Sheet**

| S. No. | Student/Faculty ID | Student/Faculty Name | Signature |
|---|---|---|---|
| 01. | R23ED078 | Punith.R | |
| 02. | R24ED803 | Kalita K. Chopby | |
| 03 | R24ED811 | VILABEINUO CHADI | |
| 4 | R23ED080 | Rupesh Gupta. | |
| 5 | R23ED053 | Vibhor Kumar | |
| 6 | R23ED057 | Achish Yumnam | |
| 7 | R23ED083 | Sujay Sinha. | |
| 8 | R23ED061 | David Makcha | |
| 9 | R23ED064 | KHYODA DANIEL | |
| 10 | R24ED809 | Sunny Raj.B | |
| 11. | R24ED802 | Akshaykr | |
| 12 | R23ED063 | TLONGA JUNIOR | |
| 13 | R24ED808 | Sachin | |
| 14 | R24ED806 | L.SRINITHISH | |
| 15 | R23ED081 | Indra Teja | |
| 16 | R23ED072 | mohammad Shahid | |
| 17 | R23ED055 | Ajeng Abraham | |
| 18 | R23ED118 | Yassen Abaken | |
| 19. | R23ED092 | Sarfraj. B. | |
| 20. | R23ED091 | Pavan. C. | |
| 21. | R23ED077. | puneeth. S. | |

| S. No. | Student/Faculty ID | Student/Faculty Name | Signature |
|---|---|---|---|
| 22 | R23ED066 | Kushal. D. S | |
| 23. | REVA02291 | Dr. Bharath | |
| 24 | REVA01791 | Dr. M.A. NAGESH | |
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Faculty Coordinator 7/4/25

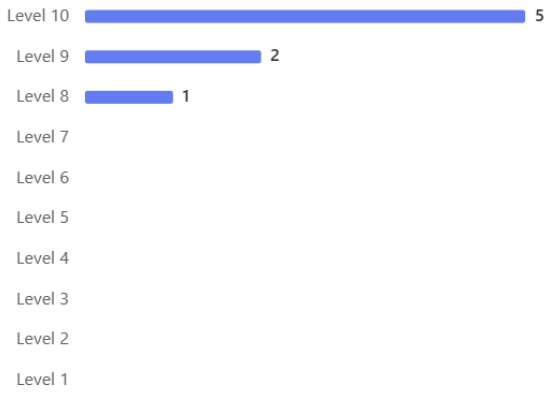
Director 8/4/25

# Section:12

# Feedback

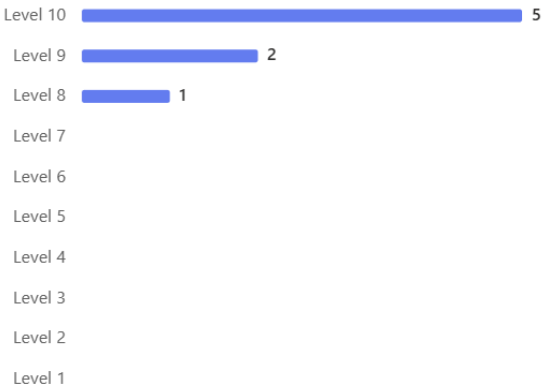
6. The Trainer is Knowledgeable

More details

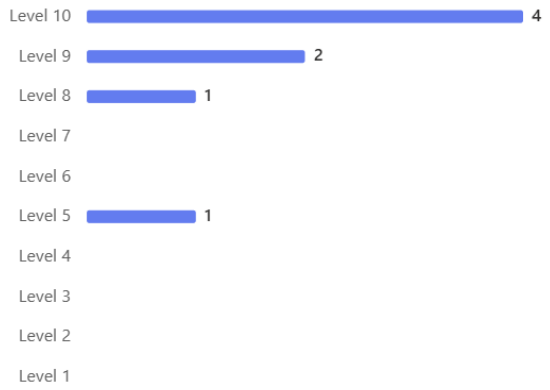

7. Adequate time is provided for questions & discussion, and clearing doubts

More details

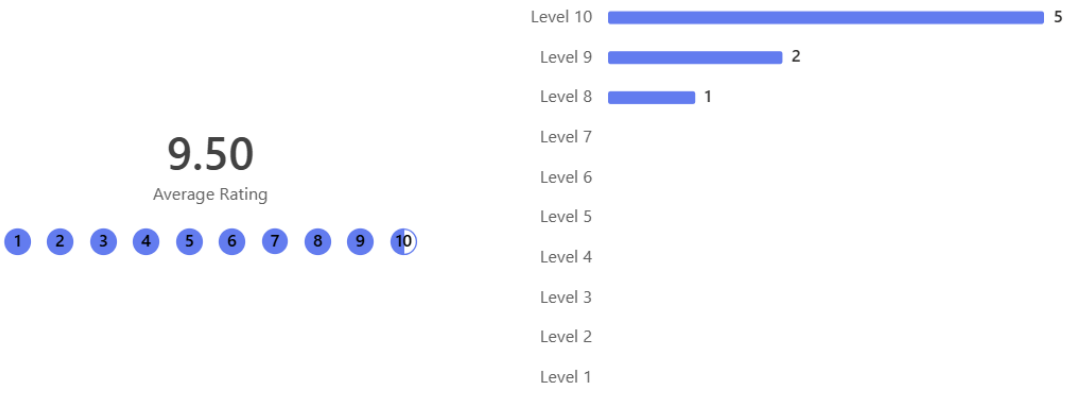

8. The topics mentioned in the session outline are taught in the class

More details

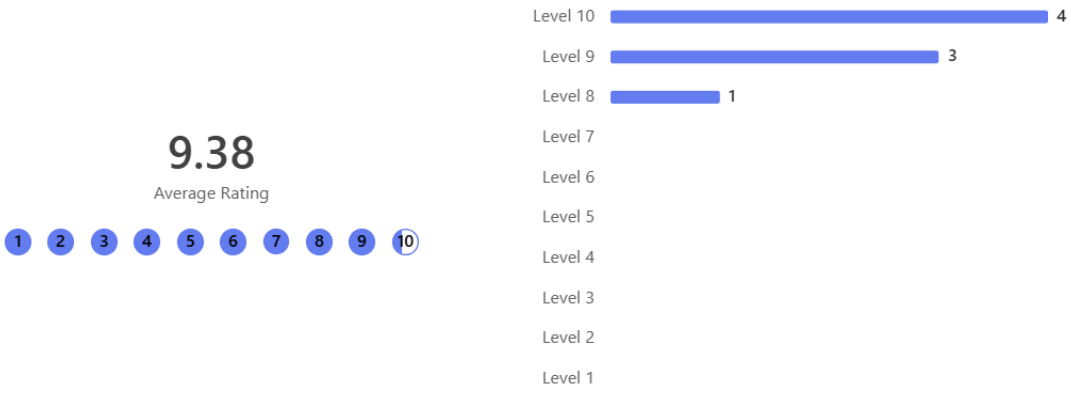
9. Is session conducted on time

More details




10. The information you were given about what you could expect from the session

More details

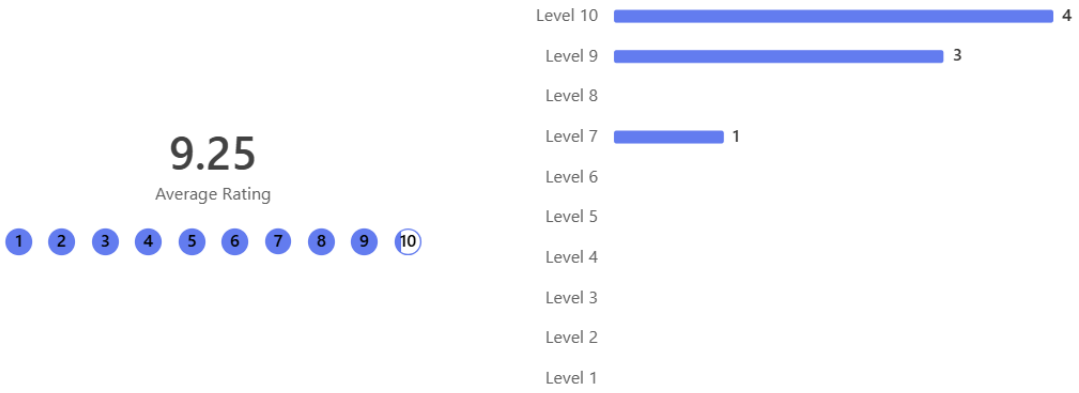



11. The level and demands of the course

More details

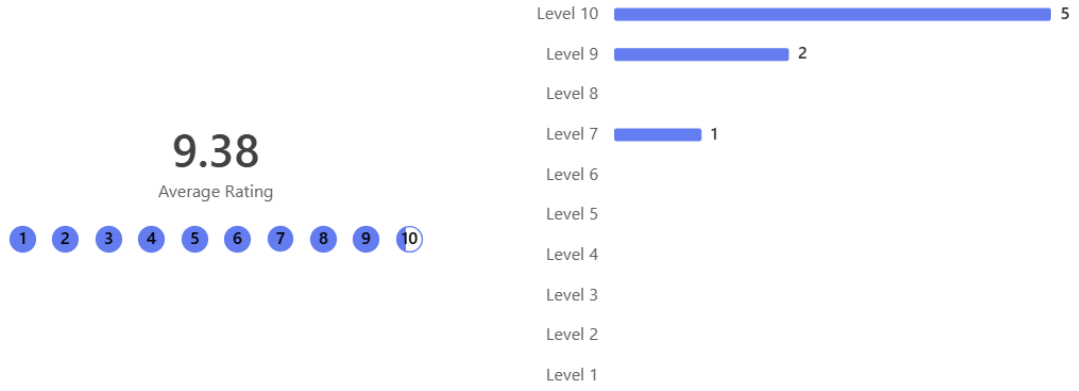
12. The quality of the teaching/training provided

More details




13. The quality of the materials used to deliver the course (books, handouts, equipment etc.)

More details




14. The overall quality of the program

More details

15. Please use this space for any comments you would like to make about the course. More details

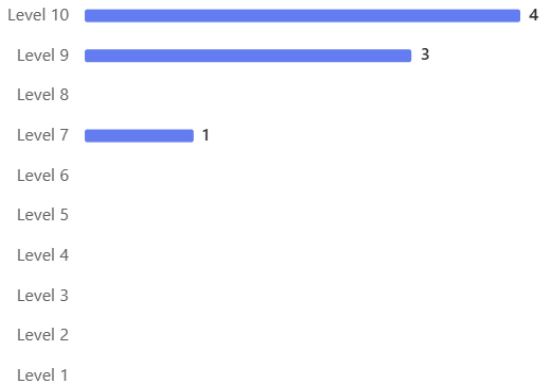
3
Responses

Latest Responses
"Sir was very knowledgeable and helpful"
...

16. The number that reflects most closely how satisfied you were with the course overall More details

9.25
Average Rating

1 2 3 4 5 6 7 8 9 10



## Section:13

## Feedback analysis

The IPR Session on " Smart Cities and IP: Protecting Sustainable Innovations" was conducted on April 07, 2025. On average, participants rated the session above 9 out of 10 across most parameters. Notably, the session timing, opportunity for interaction, and clarity of expectations all received 9.5, indicating excellent organization and delivery. These ratings suggest that the students felt engaged and had ample opportunity to clear doubts and participate actively.

In terms of content and delivery, the ratings for teaching quality, course demands, and relevance of materials ranged between 9.1 to 9.3. This shows that the session was not only well-delivered but also met the intellectual expectations of the audience.

The overall quality and satisfaction with the session were both rated at 9.25, reinforcing the success of the event in terms of both impact and content value. Participants also appreciated the speaker's expertise, as seen in individual comments like "The trainer is well experienced" and "Good knowledge". The feedback confirms that the program effectively introduced students to the intersection of smart city planning and intellectual property, encouraging further curiosity and learning in this critical area.

8/4/25
Faculty Coordinator

8/4/25
IQAC VH

8/4/25
Director

REVA UNIVERSITY * SCHOOL OF CIVIL *

# Section:14

## Sample certificates

REVA UNIVERSITY
Bengaluru, India

NAAC GRADE A+

**CERTIFICATE OF PARTICIPATION**

**School of Civil Engineering**

This is to certify that

Mr/ Ms /Dr. KALITO K CHOPHY bearing

SRN: R24ED803 has successfully participated in the IPR Session on **"Smart Cities and IP: Protecting Sustainable Innovations"** organised by the School of Civil Engineering, REVA University, India, in collaboration with University Industry Interaction Center (UIIC), REVA University, India, held on the April 07, 2025.

**Ms. Malathi R.**
Sr. Manager
University Industry Interaction Center (UIIC)
REVA University

**Dr. Bhavana B.**
Director
School of Civil Engineering
REVA University

REVA UNIVERSITY
Bengaluru, India

NAAC GRADE A+

**CERTIFICATE OF PARTICIPATION**

**School of Civil Engineering**

This is to certify that

Mr/ Ms /Dr. AKSHAY N bearing

SRN: R24ED802 has successfully participated in the IPR Session on **"Smart Cities and IP: Protecting Sustainable Innovations"** organised by the School of Civil Engineering, REVA University, India, in collaboration with University Industry Interaction Center (UIIC), REVA University, India, held on the April 07, 2025.

**Ms. Malathi R.**
Sr. Manager
University Industry Interaction Center (UIIC)
REVA University

**Dr. Bhavana B.**
Director
School of Civil Engineering
REVA University