



School of Civil Engineering Alumni  
Panel discussion Report on  
“Exploring career and future  
opportunities: insights from Alumni”

Date of Event: 30/09/2024

Venue: Room number 108, Sir M Visvesvaraya  
Block.

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

<b>Sl.No</b>	<b>Description</b>	<b>Page number</b>
1	Permission letter	4
2	Brochure, banner and schedule	5-6
3	Bio-Data of Alumni	7
4	Brief points about event	8
5	Geo tagged photos	9-10
6	Participants list	11-15
7	Outcomes of event	16-17
8	Feedback analysis	18

## Section:1

### Permission Letter



#### Permission Letter SCHOOL OF CIVIL ENGINEERING

To,  
Director,  
School of civil engineering,  
REVA University

From,  
Alumni Club  
School of Civil Engineering,  
REVA University

Date:26-09-2024

Subject: Requesting for permission to organize a panel discussion on Exploring Career and Future opportunities: Insights from Alumni on 30/9/2024.

As the subject mentioned above, seeking your permission to organize a panel discussion on Exploring Career and Future opportunities: Insights from Alumni on 30/9/2024 from 9:30 to 10:30 AM in Room no:108.

This panel discussion will be led by Mr. Rudra Ramakrishna Alumni of the 2021 batch, Ms. Sonia Maitra Alumni of the 2022 batch, Ms. Spoorthi S Alumni of the 2024 batch. This expertise will offer invaluable insights to our students.

I kindly request your approval to proceed in organizing this event.

Faculty coordinator

  
Director

## Section:3

### Brochure, Banner and Schedule





## School of Civil Engineering

in association with REVA University Alumni Association  
Organises a Panel discussion on

### Exploring Career & Future Opportunities: Insights from Alumni



Sonia Maitra-B.tech 2022  
Programmer analyst  
Cognizant technology solutions



Rudra Ramakrishnan-B.tech 2021  
Graduate Engineer  
iCRC UK, WSP



Spoorthi M- B.tech 2024  
Officer Operation  
RDC Concrete India ltd

**Date:** September 30, 2024 | **Time:** 09:30 AM | **Venue:** Room No- 108

**Schedule**

<b>Sl. No</b>	<b>Event Segment</b>	<b>Timings</b>
1	Welcoming the Gathering	9:50 am
2	Introduction of the Guest speaker	9:52 am
3	Session by Alumni	9:55 am
4	Felicitation of guest	10:50 am
5	Vote of Thanks	10:55 am

## Section:4

### **Biodata of the Alumni**

#### **RUDRA RAMAKRISHNAN**

##### **Graduate Engineer, iCRC, UK, WSP**

Rudra Ramakrishnan is a Civil Engineer who graduated from REVA University with a specialization in Water Resources Engineering from NIT Rourkela where he was awarded the gold medal for being the Best Postgraduate student across the institute. He is currently working in WSP Consultants, a global Civil Engineering consultancy firm where he contributes to water management projects in the UK region. During his time at REVA University, along with pursuing his B. Tech. degree, he also took up roles of being the Class Representative, a Team Leader during the Extensive Survey Camp, and a Student Coordinator for the REVA Brigade, apart from participating in other cultural and extra-curricular activities. Rudra's passion for water sustainability landed him at NIT Rourkela pursuing his M. Tech. degree. He interned at IIT Kharagpur to expand his knowledge in Climate change models. He has also presented papers at IIT Roorkee and Punjab Engineering College. Rudra's role at WSP helps him use his technical knowledge in using advanced software tools like MapInfo and ICM for modeling and analyzing urban water networks to tackle complex challenges in water resources management. Rudra is committed to continuous learning and professional development. He actively promotes environmental stewardship and is dedicated to driving innovative solutions in civil engineering and water resource management.

#### **SONIA MAITRA**

##### **Programmer Analyst | Cognizant Technology Solutions**

She is currently working as a Programmer Analyst at Cognizant, where she had an enriching journey transitioning from Civil Engineering to IT. She holds a B.Tech in Civil Engineering from REVA University, where she was also the Class Representative (CR) and led her final year project titled *“Fibre Reinforced Lightweight Concrete using Nano Silica and Synthetic Polypropylene Fibre.”* This academic experience honed her leadership skills and deepened her technical knowledge. The shift from Civil Engineering to IT has been an exciting and fulfilling challenge, allowing her to explore new domains and develop diverse skill sets. Her time at REVA provided a strong foundation, and the journey so far has been rewarding as she continues to grow and learn in the dynamic IT field.

## Section:5

### Brief points about event

**"Alumni are a university's most loyal supporters; they are its strongest advocates, and they are its best recruiters." – Thomas Friedman**

The alumni talk event brought together our three esteemed alumni, Rudra Ramakrishnan, Spoorthi S, and Sonia Maitra, to share their experiences, insights, and career journeys on career opportunities for Civil Engineers in both core and non-core fields. This event was organized by the School of Civil Engineering in association with the REVA University Alumni Association on 30th September 2024.

#### **KEY-HIGHLIGHTS:**

The program was started by inviting the alumni, Rudra Ramakrishnan (**Graduate Engineer, iCRC, UK, WSP**). He started giving insights on career opportunities after post-graduation followed by an interactive session, where students actively took part. Ms Sonia Maitra shared her experience of working in an IT firm. Ms Spoorthi S emphasized the importance of CDC of REVA University in getting placed in core and non-core fields.

The Session mainly focused on: - career opportunities in Civil Engineering and non-civil Engineering fields at undergraduate and postgraduate levels.

The event was an overall success and had active participation from all the students.

We would like to thank our honorable Chancellor Sir, the Management of REVA University, Our beloved Director, Dr., Dr. Nandini D N, Mr. Srinidhi S and Mrs. Minakshi Mishra Coordinators and all the faculty of REVA University School of Civil Engineering for their continuous support and guidance.



## Section:6


### Geotagged photos of event







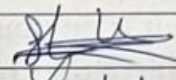
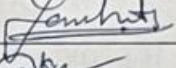
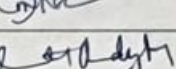

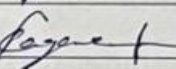
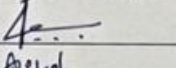
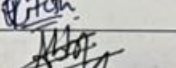
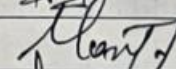
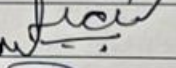

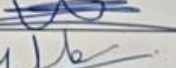
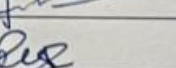
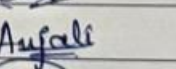
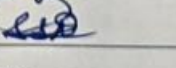
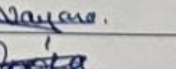




## Section:7

### Attendance sheet

<p style="text-align: center;">  <b>REVA UNIVERSITY</b>  Bengaluru, India </p> <p style="text-align: center;"><b>SCHOOL OF CIVIL ENGINEERING</b></p> <p style="text-align: center;"><b>ATTENDANCE LIST FOR THE "A PANEL DISCUSSION ON EXPLORING CAREERS AND FUTURE OPPORTUNITIES: INSIGHTS FROM ALUMNI"</b></p>			
Sl.No	SRN	Name	Signature
01	<del>R21ED089</del>	<del>Sagar Gauda A</del>	
01	R21ED089	Akash Nodig N	Akash
02	R21ED069	Sagar Gauda A	Sagar
3	R22ED807	Dhanu. D.N	Dhanu
04	R22ED819	Nithin S.M	Nithin
05	R22ED824	Prashanth G	Prashanth
06	R22ED809	Gowardhan. V.R	Gowardhan
07	R21ED104	Sahas gauda. D	Sahas
08	R21ED093	Charan gauda M	Charan
09	R21ED068	S. C. Sandeep	S. Sandeep
10	R20ED079	KARTIK P PATIL	Kartik
11	R18CV242	Sourbh. charan	Sourbh
12	R19CV206	Sandeep.	Sandeep
13	R21ED059	Rayyan	Rayyan
14	R21ED076	Shruti. S	Shruti



<p style="text-align: center;">  <b>REVA UNIVERSITY</b>  Bengaluru, India </p> <p style="text-align: center;"><b>SCHOOL OF CIVIL ENGINEERING</b></p> <p style="text-align: center;"><b>ATTENDANCE LIST FOR THE "A PANEL DISCUSSION ON EXPLORING CAREERS AND FUTURE OPPORTUNITIES: INSIGHTS FROM ALUMNI"</b></p>			
Sl.No	SRN	Name	Signature
1.	R22ED826	Riyanka Das	Riyanka
2.	R22ED802	Abhishek	Abhishek
3.	R22ED828	Sachin S. Kodate	Sachin
4.	R21ED032	Stanzi Chorgyal	Stanzi
5.	R21ED120	Jeevan mandal	Jeevan
6.	R21ED034	Vasun Pillay	Vasun
7.	R21ED109	Vivek S.B	Vivek
8.	R22ED825	Preetam Gunagi	Preetam
9.	R22ED812	Modhu B.M	Modhu
10.	R22ED837	Veeneesh menonpadi	Veeneesh
11.	R21ED018	Mohammed Zain	Mohammed
12.	R21ED125	Mohammed Asif	Asif
13.	R21ED130	Vedadri Vaidushy	Vedadri
14.	R21ED117	G. Tejashwini	G. Tejashwini
15.	R21ED111	A. Niveditha	A. Niveditha
16.	R21ED123	K. Sai Vaedhan Reddy	K. Sai

<p style="text-align: center;">  <b>REVA UNIVERSITY</b>  <small>Bengaluru, India</small> </p> <p style="text-align: center;"><b>SCHOOL OF CIVIL ENGINEERING</b></p> <p style="text-align: center;"><b>ATTENDANCE LIST FOR THE "A PANEL DISCUSSION ON EXPLORING CAREERS AND FUTURE OPPORTUNITIES: INSIGHTS FROM ALUMNI"</b></p>			
Sl.No	SRN	Name	Signature
01	R21ED075	Shreevarch. HR	
02	R21ED035	Yashwanth Aroadhya KS	
03	R21ED063	Omkar Nandgaonkar	
04	R21ED055	Keerthi Reddy	
05	R21ED124	Myatut Deng	
06	R21ED113	Gagana Surya	
07	R22ED835	Syed Faisal Hussaini	
08	R21ED101	Ritish	
09	R21ED112	ABOBI YVES	
10	R21ED099	Mamof J	
11	R21ED060	mohan chandana A.V	
12	R21ED047	Gagan-v-Reddy	
13	R21ED088	Afeef Sharif	
14	R21ED086	Yuktha. C. Benche	
15	R21ED0013	Kara Jirmin	
16	R21ED048	Geethanjali-E	
17	R21ED070	Sahana. Dasan	
18	R21ED062	Nayana Reddy S	
19	R21ED065	Palagulla Poojima.	





SCHOOL OF CIVIL ENGINEERING

ATTENDANCE LIST FOR THE "A PANEL DISCUSSION ON EXPLORING CAREERS AND FUTURE OPPORTUNITIES: INSIGHTS FROM ALUMNI"

Sl.No	SRN	Name	Signature
01	R22ED830	Shankuor. C. Duggeni	
02	R22ED821	Prabakondor Marbaniang	
03	R22ED838	Vidya.S	
04	R22ED839	Yashwanth- S	
05	R22ED827	Ravi teja Ks	
06	R22ED833	Shrinidhi. R. Kumbhar	
07	R22ED805	Chandan. M	
08	R21ED129	Varun .V. Oorasing	
09	R21ED092	Anurag	
10	R21ED105	Sujal	
11	R21ED110	Vinuk . Patil	



### SCHOOL OF CIVIL ENGINEERING

#### ATTENDANCE LIST FOR THE "A PANEL DISCUSSION ON EXPLORING CAREERS AND FUTURE OPPORTUNITIES: INSIGHTS FROM ALUMNI"

Sl.No	SRN	Name	Signature
01	R21ED021	Pooja-V	Pooja-V
02	R22ED805	Chandan.M	Chandan
03	R22ED833	Shrishail. R. Kumbhar	Shrishail
03	R21ED118	Siddhartha - G.	Sid
04	R21ED094	Chethan - J	Chethan - J
05	R21ED078	Bhaskar M.S	Bhaskar
06	R21ED077	Siddhartha K.M	Sid
07	R21ED098	Kushal M.S	Kushal
08	R22ED050	Gowardhan. K.	Gowardhan
09	R21ED038	Ashika. K.	Ashika

## Section:8

### OUTCOME OF EVENT

#### Opportunities for Civil Engineers at Under-graduate level in core field

At the undergraduate level, Civil Engineers can pursue various opportunities in core fields. These roles typically involve entry-level positions where engineers apply their knowledge of construction, design, and infrastructure development. Here are some of the key career opportunities in core civil engineering fields:

##### 1. Site Engineer

- **Role:** Overseeing construction activities at the project site, ensuring that work is completed according to plans and specifications.
- **Responsibilities:** Supervising contractors and workers, coordinating with architects and engineers, ensuring safety standards, and managing on-site logistics.

##### 2. Structural Engineer

- **Role:** Designing and analyzing structural components of buildings, bridges, and other infrastructure.
- **Responsibilities:** Ensuring structures are safe and stable, using tools like AutoCAD or STAAD Pro for structural design, and conducting strength analysis.

##### 3. Construction Engineer

- **Role:** Managing the planning, execution, and completion of construction projects such as roads, bridges, dams, or residential and commercial buildings.
- **Responsibilities:** Managing construction schedules, materials, labor, and ensuring that projects meet deadlines and budget constraints.

These opportunities allow Civil Engineers at the undergraduate level to start building their careers in core areas, working on real-world projects, and gaining valuable hands-on experience in the field. They can pursue roles in both the private and public sectors, with room for growth through experience and advanced education.

#### Opportunities for Civil Engineers at Post-graduate level in core field

At the postgraduate level, Civil Engineers can explore a variety of specialized opportunities in core fields. These opportunities often align with advanced roles in both industry and academia, focusing on areas like infrastructure development, sustainability, and cutting-edge technologies. Here are some key opportunities:

##### 1. Structural Engineering

- **Advanced Structural Design:** Designing complex structures such as high-rise buildings, bridges, and dams.
- **Earthquake Engineering:** Specializing in designing structures that can withstand seismic activities.
- **Construction Technology:** Working on the development of new construction materials and methods for large infrastructure projects.



## 2. Geotechnical Engineering

- Foundation Engineering: Specializing in designing foundations for buildings, bridges, and other structures.
- Soil Mechanics and Earthwork: Conducting soil testing and analyzing earth materials for large projects like tunnels and retaining walls.
- Slope Stability and Landslide Mitigation: Involved in assessing and mitigating risks of landslides, especially in hilly or earthquake-prone regions.

## 3. Transportation Engineering

- Road and Highway Design: Working on the design and maintenance of highways, urban roads, and traffic management systems.
- Railway Engineering: Involvement in the design, construction, and operation of rail infrastructure.
- Airport and Port Engineering: Focus on the planning and development of airports, seaports, and related infrastructure.
- Traffic and Transportation Planning: Utilizing advanced tools like traffic simulation models to optimize transportation systems.

These roles often require specialization through a master's degree, Ph.D., or professional certifications in specific areas of civil engineering. Additionally, there is increasing demand for skills related to digital technologies like Building Information Modeling (BIM) and Geographic Information Systems (GIS).

## **Opportunities for Civil Engineers in non-core (IT) sector**

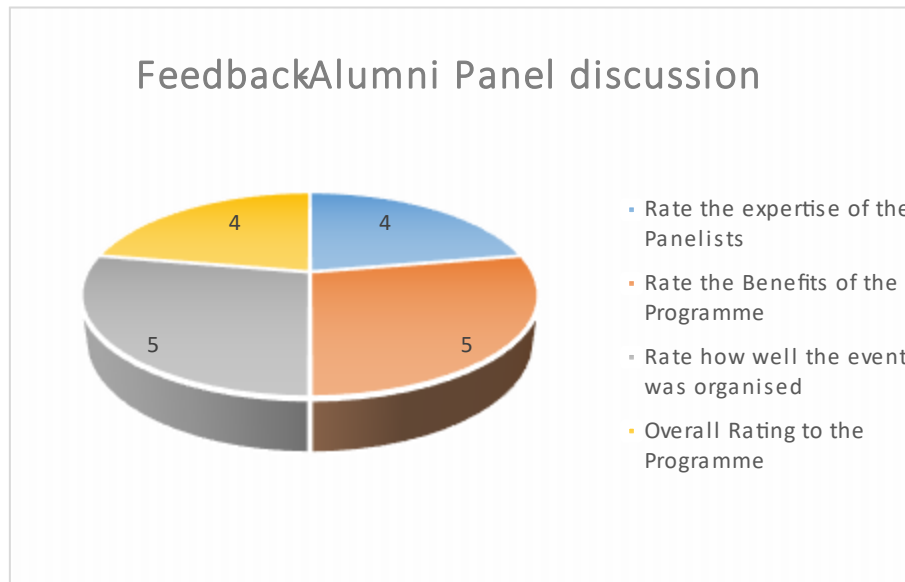
Civil Engineers are increasingly finding opportunities in non-core sectors, where their problem-solving abilities, analytical skills, and project management expertise are highly valued. Here are some key areas where Civil Engineers can pursue careers outside the traditional core fields:

### Information Technology (IT) and Software

- Software Development: With training in coding or software tools, Civil Engineers can work in developing software solutions for construction management, building design (CAD), or project planning (BIM).
- Data Analysis and Business Intelligence: Civil Engineers can transition into roles as data analysts, using their mathematical and statistical skills to analyze trends and solve business problems.
- Product Management: Civil Engineers can work in tech companies as product managers for software or hardware products related to infrastructure, smart cities, or urban development tools.

By acquiring additional skills like management, software development, or sustainability, Civil Engineers can successfully transition into these non-core sectors and bring valuable technical expertise to various industries.

## Feedback Analysis



**Conduct event in future:** Well-received by the majority, with 100% rating them positively.

Prepared by	
Verified by IQAC	
Approval by Director	22/10/24