



MANIPAL UNIVERSITY
JAIPUR




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JAIPUR

FACULTY OF ENGINEERING
SCHOOL OF CIVIL & CHEMICAL ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING

Career Prospects in Civil Engineering with Geoinformatics

Expert Lecture - I

17 August, 2021


Head
Civil Engg. Dept.
M.U.J. Dehriwala, Jaipur



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1. Introduction of the Event

Civil Engineering is all about designing, constructing and maintaining the public works such as roads, bridges, tunnels, railways, airports, canals, dams, sewerage systems, pipelines etc. The usage of geospatial data / geoinformatics for all phases of the infrastructure development enables **civil engineers** to manage, reuse, share and analyse data easily. Thus, saving the time and resources, the application of geoinformatics improves the construction efficiency.

In this context, exploring the opportunities in the domain of Civil Engineering with Geoinformatics and providing a right guidance, become essential for the better future of our young generation.


Therefore, the facts and suggestions through the two-day sessions of expert lectures, would certainly help all those who are awaiting for the higher studies, to understand the tremendous scope involved with Civil Engineering with Geoinformatics.

2. Objective of the Event

- To explore the opportunities in the domain of Civil Engineering with Geoinformatics
- To provide a right guidance to young generation for their future
- To announce that MUJ also has started the course in Geoinformatics, for the purpose of admission

3. Beneficiaries of the Event

This program was planned for the parents, students, who have just cleared their 10+2 / diploma and seeking admissions to the higher studies. Further, it was beneficial for those who wish to explore career prospects in the field of geoinformatics.


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4. Details of the Guests

Prof Anupam Kumar Singh, who was invited as a resource person, is the Director-Indus Institute of Technology & Engineering, Indus University, Ahmedabad. He has been serving as a Professor of Civil Engineering (since 2018) and Director-Indus Research and Innovation (since 2020), at Indus University, Ahmedabad.

He has served as the Director-Institute of Engineering & Technology / Dean-Faculty of Engineering and Professor of Civil Engineering at JK Lakshmi Pat University, Jaipur, for about 5 years. He was the Professor and Head of Department in Civil Engineering at Pandit Deendayal Petroleum University (PDU), Department of Civil Engineering, School of Technology Gandhinagar, India for 2 years. He was the Research Associate at School of Planning and Architecture (SPA), Department of Urban & Regional Planning, New Delhi, India. for about 3 years.

Prof Singh has also served as a Planner at Government of Madhya Pradesh, Ministry of Housing and Environment, Town and Country Planning Department, Bhopal, India. for about 1.5 years. After completing B. Tech. in Civil Engineering from KN Institute of Technology Sultanpur, India in 1989, Prof Singh did PG Diploma in Urban and Regional Planning, from Faculty of Building Engineering and Architecture, Technical University of Szczecin, Poland in 1994. Then, did M.S. in Civil Engineering (with specialisation in Resources Engineering), from Faculty of Civil Engineering and Surveying, University of Karlsruhe (TH), Germany in 1998. Later on, He obtained PhD/ Doktor Ingenieur (Dr.-Ing.) in Civil Engineering, from Faculty of Civil Engineering, Geo- and Environmental Sciences, University of Karlsruhe (TH), Germany in 2004. He has been the Chairman/ Vice Chairman/Secretary/ Joint Secretary of almost 20 national & international Professional Societies (since 1989). Having More than 23 years of International Academic Exposure, Prof Singh obtains Nearly 18 years of experience as a Reviewer and Editor of several renowned journals. He has Almost 90 research publications in Scopus index, SCI, or Web of Science peer-reviewed journals, peer-review conferences, books, book chapters and technical articles. He has been funded for about 15 Research Projects since 1992. As a Chairman/ Director of research


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committee, Prof Singh had facilitated more than 50 Ph D and graduate scholars in conducting and improving research outcome and publications. He has organized more than 75 conferences, workshops and seminars with professional societies and industries in India and Abroad. He has Received 5 National Honours and Awards, 6 fellowships from India, Germany, Poland, Japan and Switzerland.


5. Brief Description of the event

At 10.30 am the session was started. With statements about satellite remote sensing, Dr Harshavardhana B G, one of the Conveners of the Expert Lectures, welcomed all participants to the National Level Online Expert Lectures on the Career Guidance for learning Civil Engineering with Geoinformatics, organised by the department of Civil Engineering, Manipal University Jaipur, Rajasthan. Continuing with the initial quotes on geoinformatics, its importance in Civil Engineering, Dr Harshavardhana B G, invited Prof Meena Kumari Sharma, Head, Department of Civil Engineering, Manipal University Jaipur, to say a few words about Manipal University Jaipur and the department of Civil Engineering.

Later on, Dr Harshavardhana B G, mentioning the importance of satellite communication as a trend of the present era, emphasised on the improved efficiency of data receiving and processing through satellite communication. He also said that the satellite data is used to extract and explore countless information needed for research and industrial purposes with much ease. Therefore, the remotely sensed satellite data has always been an added advantage over the manual or traditional methods.

Further, stating about the talks arranged for the two consecutive days, it was intimated that the two eminent resource persons from both Academia and Industry would cover all aspects of the subject and its emerging careers in their respective domains.

Then, Dr Harshavardhana B G introduced Prof Anupam Kumar Singh to the online gathering before he was invited for the presentation. On completion of the



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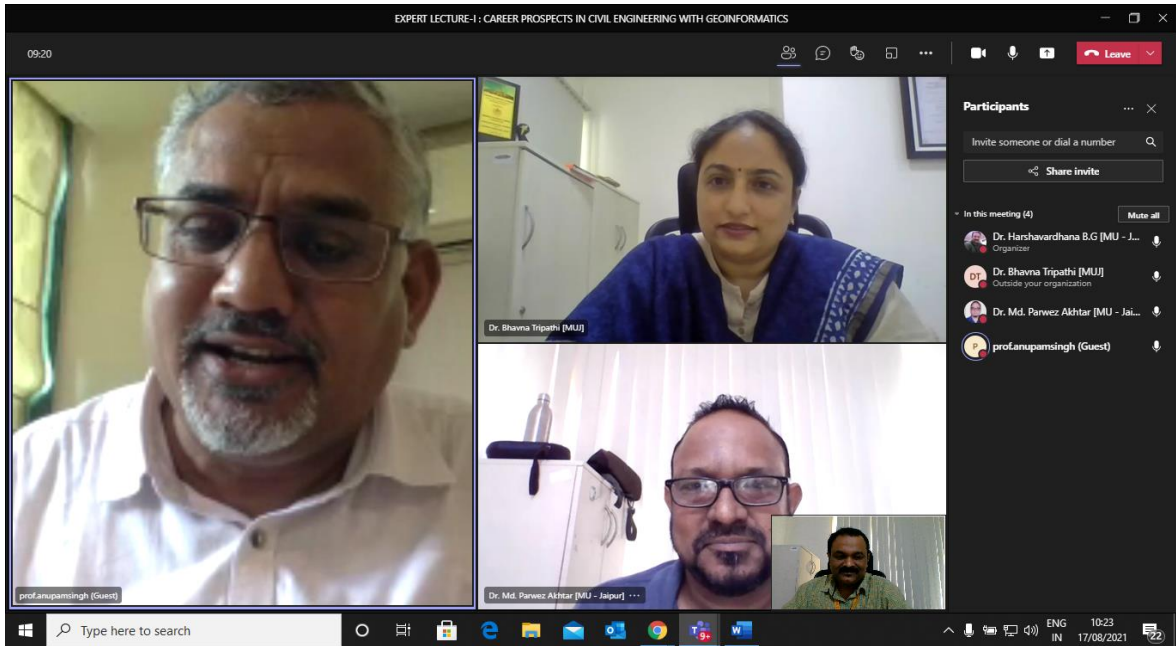
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talk that continued for about 2:30 hours, there were 3-4 interesting questions from participants. They also appreciated the session to be an informative one.

Finally, Dr Parwez M Akhtar, one of the Conveners of the event, through proposing the vote of thanks for actively participating in the session and appealed to have the co-operation of all the participants for the next day of the program; the next day's topic of discussion and time were also announced.


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6. Photographs/ screenshots of the event or of the event



Photographs showing online discussion during the event

7. Brochure or creative of the event



**MANIPAL UNIVERSITY
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(University under section 2(f) of the UGC act)

**ACCREDITED WITH GRADE
A+
NAAC**

**GUIDANCE FOR
YOUR BETTER
FUTURE**

**ONLINE EXPERT
LECTURES ON**

**CAREER PROSPECTS IN
CIVIL ENGINEERING
WITH GEOINFORMATICS**



17 AUG 2021
10.30 AM

Prof Dr -Ing Anupam Kumar Singh
Ph D, University of Karlsruhe (TH), Germany
Director
Indus Institute of Technology & Engineering
Ahmedabad, Gujarat

CONVENERS

Dr Harshavardhana B G
Dr Parwez M Akhtar

Registration Link
https://docs.google.com/forms/d/e/1FAIpQLSfy_o2RVZeqpcu4SR3Tke-LE3VEF4R1kQCfSjAGjqkbcW0gmw/viewform

Organized by
Department of Civil Engineering, Manipal University Jaipur

8. Schedule of the event

Date: 17 August, 2021

Time: 10.30 am – 01.00 pm

9. Attendance of the Event

Total attendee - 95



LIST OF PARTICIPANTS


SI No	Name	SI No	Name	SI No	Name	SI No	Name	SI No	Name
1	Aayush Kumawat	21	Ayush Jha	41	Dr Tej Bahadur	61	Nandini	81	Shreyash Singh
2	Abhinaba Ray	22	B Karishma	42	Eshaan Mishra	62	Nikhil Srivastava	82	Shruthi Ravikumar
3	Abhishek Garg	23	Babulal Choudhary	43	Gurudatta Hindinamani	63	Omprakash Chilakala	83	Shubham Chaturvedi
4	Adarsh Kumar Singh	24	Ben	44	Janki Adhvaryy	64	Patil	84	Swathi Bomkar
5	Aditya Saini	25	Bhawani Singh Deora	45	J Jayachandra Manav	65	Priyanshu Ladha	85	Tavish P Sharma
6	Aftab Sheikh	26	Danish Mushtaq Rather	46	Joyita Sinha	66	Pydi Srinivasa Rao	86	Umair Ahmad
7	Akhilesh Tarkar	27	Devansh Jain	47	Jyoti Yadav	67	Raghuvesh Tiwary	87	Utkarsh Agrawal
8	Anand Yadav	28	Devesh Chaudhary	48	Kamal Kumar	68	Rishabh Raj	88	Vasu Bhargava
9	Anannya Shukla	29	Devyash Jain	49	Karanpreet Arora	69	Ritesh Sharma	89	Venicepalak
10	Ananya Dhar	30	Dewang Ratnu	50	Kartikay Singh Parihar	70	Romir Vinayak More	90	Vikalp Kumar Singh
11	Annu Aman	31	Digvijay Singh Yadav	51	K Moulitejeshwar Reddy	71	Ruhana	91	Vinodkumar A P
12	Anubhav Singh Rana	32	Dipankar Pegu	52	Madhur Kalal	72	Sagar Sharma	92	Vinodkumar A P
13	Anurag Patidar	33	Dr Bhavna Tripathi	53	Mallikarjun	73	Saidu Madhu P	93	Virender Singh
14	Anusha H	34	Dr Gaurav Sancheti	54	Mallikarjun B U	74	Sanchit Anand	94	Vishv Narayan Meena
15	Archana	35	Yashwardhan	55	Mohammad Juned Mansuri	75	Sandeep Kumar	95	Yash Goyal
16	Archi Mudgal	36	Dr Kuldeep Tiwari	56	Mr Firoz Alam Faroque	76	Sandesh Akash P		
17	Arjun Yogesh Shenvi	37	Yash Totla	57	Mr Sagar Gupta	77	Sanjeet Tanwar		
18	Arvind Kumar Jha	38	Dr Meena Kumari	58	Mr Sanchit Anand	78	Sarthak Morwal		
19	Ashutosh Kumar	39	Dr Nagraj Patil	59	Mr Sourav Kumar Das	79	Satish Yadrami		
20	Atharva Londhe	40	Dr Shaik Hussain	60	Mr Vikram Singh Kashyap	80	Shivanshi		

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10. News Publication- News printed in newspaper or online links if any for news

The image shows a screenshot of a Facebook post and a promotional flyer. The flyer is for an online expert lecture on "Career Prospects in Civil Engineering with Geoinformatics" organized by the Department of Civil Engineering, Manipal University Jaipur. The flyer lists two conveners: Prof Dr -Ing Anupam Kumar Singh (17 AUG 2021, 10.30 AM) and Dr R N Sankhua (18 AUG 2021, 3.00 PM). It also provides a registration link: https://docs.google.com/forms/d/e/1FAIpQLSfy_o2RVZeapcu4SR3TkE-LE3VEF4R1kQCfSJAGjqkbcW0gmw/viewform. The Facebook post is from Harshavardhana B G, dated August 4, 2021, and contains text about the opportunity and registration details.


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