

NHCE-Civil/2020-21/FDP/002

Date: 3rd August, 2021

REPORT

On

ONLINE FACULTY DEVELOPMENT PROGRAM

Title: “Futuristic Trends in Civil Engineering (Series-2)”

Date: 26th – 31th July 2021

Venue: CAD Lab, Civil Engineering Department

Platform: Zoom

1 About the FDP

Creation and dissemination of knowledge through research is one of the core functions of the higher education institutions. Apart from generating new knowledge, engineering and technology institutions have the responsibility of developing technologies useful for mankind. Lack of adequate infrastructure, resource constraints, lack of motivation coupled with a few other factors results into low quality research. A synergized research and academics produce high quality manpower.

This Faculty Development Programme is an effort to people involved in research and development activities, academicians and research scholars with research literacy in general and recent trends in scientific and technical communication in particular. The FDP aims to impart skills to handle different tools and technologies useful during entire process of research and scholarly communications.

2 Objective of the FDP

1. To generate and impart knowledge on recent advancement in field of civil engineering.

2. To provide a forum to keep themselves abreast of the emerging trends in construction industries.
3. To create the culture of learning and self improvement.

3 Proceedings of the FDP

The FDP was started with inauguration with the hands of Dr. Manjunatha, Principal, New Horizon College of Engineering, Bangalore. Dr.Niranjan P S, Professor and Head, Department of Civil Engineering, NHCE in his speech said that, latest developments in civil engineering will have a tremendous impact in the coming years as this field of core engineering is spanning from the day to day life of the society such as the field of infrastructure, which include buildings, roads, bridges for instance to the more sophisticated fields such as aerospace, energy, transportation etc

From 26th to 31st July,2021, 17 technical sessions were held, invited 17 resource persons (from different parts of the country) to deliver their talk on the theme of the FDP. The test is conducted in the last session of the FDP. On 31st July, 2021 valedictory programme was held, Dr. B V Ravishankar, Principal, BMS college of Engineering, Bangalore was the chief guest. He explained that new emerging new technology in civil engineering is influencing the construction industry like never before all contributing to improving the efficiency of the construction industry. Dr.Niranjan P S, Professor and Head, Department of Civil Engineering concluded the FDP by thanking faculty members of the department.

For this FDP total registered participants were 95 in numbers from different engineering faculty members and we collected feedback from registered participants and distributed certificates.

(Dr. Niranjan P S)



NEW HORIZON COLLEGE OF ENGINEERING

New Horizon Knowledge Park, Ring Road, Marathalli
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

PHOTOS OF FUTURISTIC TRENDS IN CIVIL ENGINEERING (SERIES-2)

Dreams are not what you see in sleep,
It is the thing that doesn't let you sleep.
— APJ Abdul Kalam

To give real service, you must add something
which can not be bought or measured with money.
— Sir M V

Dr. M. N. Hegde

Smart Sensors for Infrastructure Sensing and Damage Assessment

Dr. M. N. HEGDE
ME (Str. Engg), PhD (IISc)
Professor: PG (Structural Engineering), Dr. AIT

Preparing the ground for a better tomorrow

Role of Geosynthetics

Dr. Riya Bhowmik
Assistant Professor
Indian Institute of Technology Jammu



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Geotechnical and Geoenvironmental challenges in landfills/dumpsites



Dr. G L Sivakumar Babu

Professor, Department of Civil Engineering &
Centre for Sustainable Technologies
Indian Institute of Science, Bangalore 560012, India

Environmental Impacts from Open-Cut Pipeline Replacement and Trenchless Cured-in-Place Pipe Renewal Methods for Sanitary Sewers: A Comparative Study



Dr. Vinayak Kaushal, PACP, M.ASCE
Assistant Professor of Instruction
Department of Civil Engineering
The University of Texas at Arlington, USA



Faculty Development Program
Futuristic Trends in Civil Engineering
New Horizon College of Engineering, Karnataka, India

July 30, 2021

(Dr. Niranjan P S)

NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING
FUTURISTIC TRENDS IN CIVIL ENGINEERING-SERIES 2
List of Participants who received the Certificate

SL NO.	Name of the Participant	Name of the Institution
1	KIRAN. S	Nagarjuna College of Engineering and Technology
2	Ranganathan BA	Raja Reddy institution of technology
3	Gunasekar S	KSRangasamy College of Technology, Tiruchengode
4	K S Sushmitha	Annamacharya Institute of Technology and Sciences
5	Mahantesh Neelawani	Madanapalle Institute of Technology and Science, Andhra Pradesh
6	Abhijeet Narsing Sutar	Rit
7	KARTHICK RAJAN J	Vinayaka Mission's Kirupananda Variyar Engineering College, Salem
8	KANNADASAN B	BSA Crescent Institute of Science and Technology
9	Rameshwaran PM	SRMIST
10	Geetanjali Yadav	Rajgad institute
11	Dr Ayesha Sultana Ahmed	Hamstech College of Creative Education
12	Jayaram Nayak B	Moodlakatte Institute of Technology, Kundapura
13	Dr. Venkata Krishnaiah R	Bharath Institute of Higher Education and Research
14	Er. DEEPAK TIWARI	SSIPMT, RAIPUR
15	Shamali Mane	Sanjay Ghodawat institution,Atigre
16	RAVIKUMARA HS	Nagarjuna College of Engineering and Technology
17	Praveen Gautan	Rkgit ghaziabad
18	B. T. DOLAS	Government Polytechnic, Yavatmal
19	Sharmila S	Dr. Mahalingam College of Engineering and Technology
20	Pradnya Kailas Jamdade	Pravara Rural Engineering College,Loni
21	NANDYALA VARADAREDDY	K L UNIVERSITY
22	SHASHI KUMAR V N	YOGANANDA INSTITUTE OF TECHNOLOGY AND
23	PRADEEP M	Madanapalle Institute of Technology and Science
24	GOVIND GOUD KOTHA	MAHATMA GANDHI INSTITUTE OF TECHNOLOGY
25	Chaithra E	NCET
26	GAGANA B	Nagarjuna college of engineering and technology
27	Ruchika Bhatnagar	Dolphin Institute of Bio medical and Natural Sciences
28	K KRISHNA BHAVANI SIRAM	Mahatma Gandhi Institute of Technology
29	Sanjeev Gupta	Government College of engineering and technology jammu
30	A. K. M. Thohidul Alam Khan	Chittagong University of Engineering and Technology
31	Megha S Mahaladkar	Mangalore Institute of Technology and Engineering
32	Shivakumar K	Ballari Institute of Technology and Management
33	Ravichandra Honnalli	Ballari Institute of Technology and Management
34	PATURU SAI GANGADHAR AVULA R	Gpt rijpt
35	Er. Nilakantha Panda	Paradip Port Trust
36	MANDEEP B V	NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY
37	Mansing Maruti Rabade	D Y Patil Technical Campus Talsande Kolhapur
38	SANTOSH PRABHAKAR PAWAR	DWARKA CONSTRUCTION
39	S DINESHKUMAR	Dr. Mahalingam college of Engineering and Technology
40	P DHANABAL	Annamacharya Institute of Technology and Science,
41	Dr.T.SUBRAMANI	V.M.K.V.ENGINEERING COLLEGE
42	Dr.T.H.patel	BITM,Ballari
43	SUTHAVIJI S	Dr.Mahalingam College of Engineering and Technology
44	Parashuramappa L H	New Horizon College of Engineering, Bengaluru
45	RAJESH V.KULKARNI	GOVERNMENT POLYTECHNIC PANAJI-GOA
46	KRISHNA KUMAR YATHAM	K L university
47	Revanasiddappa Madihalli	Sri Venkateswara College of Engineering Bengaluru
48	Madan Kumar L	The National Institute of Engineering

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49	Prashanth V P	SJCE, JSSSTU
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DEPARTMENT OF CIVIL ENGINEERING

Certificate of Completion

This is to certify that Dr./Mr./Ms.

Karan Jenson

from **Shhsje** has

successfully participated & completed the **AICTE Sponsored One Week Online Faculty Development Programme** on “**Futuristic Trends in Civil Engineering**” Series 2 held from 26th to 31st July 2021 at New Horizon College of Engineering, Bengaluru.

Dr. Niranjan P S
Professor & HOD

Dr. Manjunatha
Principal
New Horizon College of Engineering
Ring Road, Bellandur Post, Near Marathahalli,
Bangalore - 560 103