

DST GUJCOST SPONSORED

**Online 2days National Workshop
on
“Challenges & Opportunities in the Research field of Civil Engineering”
(30-31 July,2021)**



**Organized by Civil Engineering Department
S N Patel Institute of Technology & Research Centre, Umrah**



Sponsored by DST GUJCOST

Report Prepared by:

**Dr. Damyanti G Badagha
Event Co-Ordinator
Associate Professor,
Civil Engineering Department
S N Patel Institute of Technology & Research Centre,
Umrah**

TITLE OF THE EVENT

**Challenges & Opportunities in the
Research Field of Civil Engineering**

CATEGORY

Academic Activity-FDP

DATE AND DURATION

30th-31st July 2021

VENUE

(Online Mode)

**S N Patel Institute of Technology & Research Centre,
Umrakh (049)**

Banner for the Event:



S. N. Patel Institute of Technology & Research Centre, Umrahk
(A Vidyabharti Trust Institution)

Civil Engineering Department

For Details Visit www.snpitrc.ac.in

Organizes
Two Days Online National Workshop
on

Last Date for Application
28th July, 2021

Challenges & Opportunities in the Research field of Civil Engineering

Principal
Dr. Piyush S. Jain

Coordinator
Dr. Damyanti G. Badagha

Co-coordinators
Dr. Yazad Jabbar
Prof. Keyur P. Shah
Prof. Nikunj M. Ashiyani

Dst
Department of Science & Technology
Government of Gujarat

(30th & 31st July, 2021)

SPONSORED BY

Gujarat Council on Science & Technology (GUJCOST)

To Register click on
<https://forms.gle/aTtjuT7fhU68yPFY8>
OR Scan



Vidyabharti Campus, At & Po Baben, Ta.: Bardoli , Dist.: Surat, Pin: 394601

Event Details:

Event Name	Challenges & Opportunities in the Research field of Civil Engineering
Date	30-31 July, 2021
Participants	UG-PG Civil Students, Faculty Members, Researchers and Industry Persons
Venue	Online Platform
Funding Support	GUJCOST, Department of Science & Technology, Government of Gujrat
Principal	Dr. Piyush S Jain
Event Coordinator	Dr. Damyanti G Badagha, Associate Professor, CED
Event Co-Cordinator	Prof. Keyur Shah, Assistant Professor & I/C Head, CED Prof. Nikunj Ashiyani, Assistant Professor, CED Prof. Yazad Jabbar, Assistant Professor, CED

PROGRAM SCHEDULE

Time	Theme	
	30th July 2021	
9.00am-10.00 am	REGISTRATION	
10.00 am-10.30am	Inauguration	
10.30 am - 12.30pm	Recent Advancement in the Field of Concrete: Opportunities & Challenges	Dr. C D Modhera, Prof. HAG,Civil Engg. S V National Institute of Technology, Surat
12:30pm-1.30pm	Lunch Break	
1:30pm-3:00pm	Recent Trends in the Field of Water Resource Engineering for Research	Prof. Darshan Mehta Assistant Professor, Civil Engg Dept, Government Engineering College, Surat
3:00pm-4:30pm	Recent Research Advancement in the Field of Structural Engineering	Dr. Ankit Sodha Assistant Professor, Civil Engg Dept, Indus University, Ahmedabad
	31st July 2021	
10.30 am - 12.30pm	Use of SCM as a Smart Material in Concrete Manufacturing	Prof. Ankit S Patel, Assistant Professor, Civil Engg. Dept, Ganpat University
12:30pm-1.30pm	Lunch Break	
1.30 pm - 3.00pm	Soft Soil Improvement Using Stone Column Techniques	Dr. Himmat Sarvaiya, Assistant Professor, Applied Mechanics Dept, LEC Government Engineering College Morbi
3:00pm-4:30pm	Effective Project Planning Through MS Project	Dr. Damyanti G Badagha, Associate Professor in Civil Engg. Dept., S N Patel Institute of Technology & Research Centre, Umrahk
4:30pm	Valedictory Session	

Vidyabharti Trust is the name associated with the education for more than three decades near Bardoli of Surat district and has now evolved as a symbol of quality education dedicated to nurture the talent and aspirations of the bright youth of our nation. S N Patel Institute of Technology & Research Centre (Degree College) is a premier institution approved by the All-India Council of Technical Education (AICTE), New Delhi & affiliated with Gujarat Technological University (GTU), Ahmedabad.

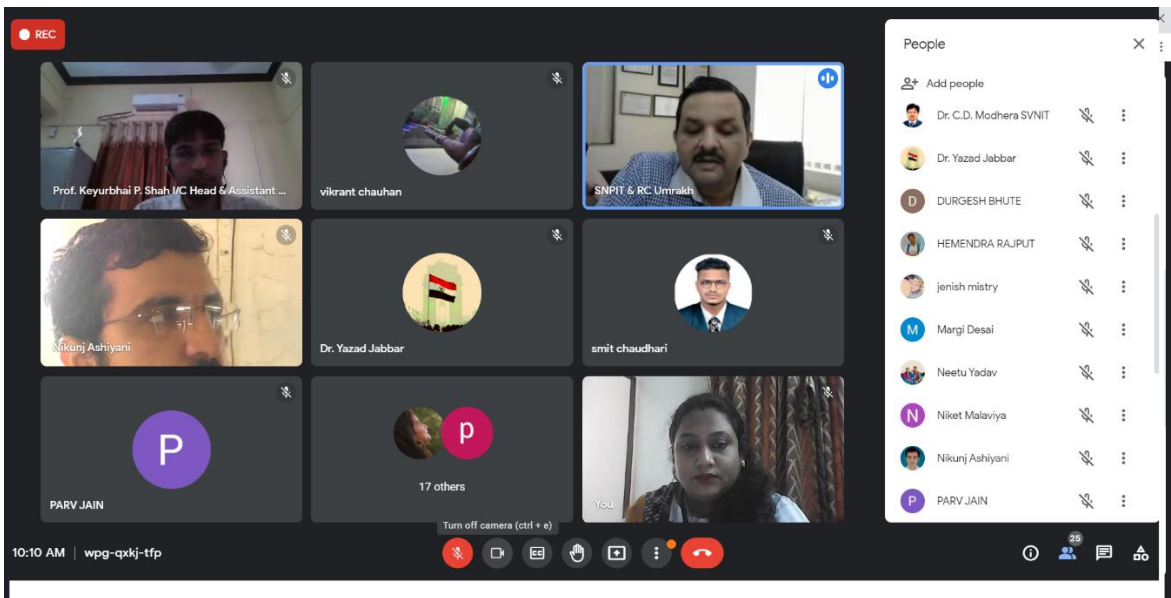
Institute is running Bachelor of Civil Engineering course since 2009 having the current intake

of 120 seats and Post Graduate (M.E.) program since 2012 with 18 seats. The prime goal of the department is to bridge the gap between rapidly expanding technology demands with innovation, research-based by using skilled/quality conscious approach to achieve an admirable grip in the academic field of civil engineering. The Department is having state of art laboratory facilities (NABL accredited).

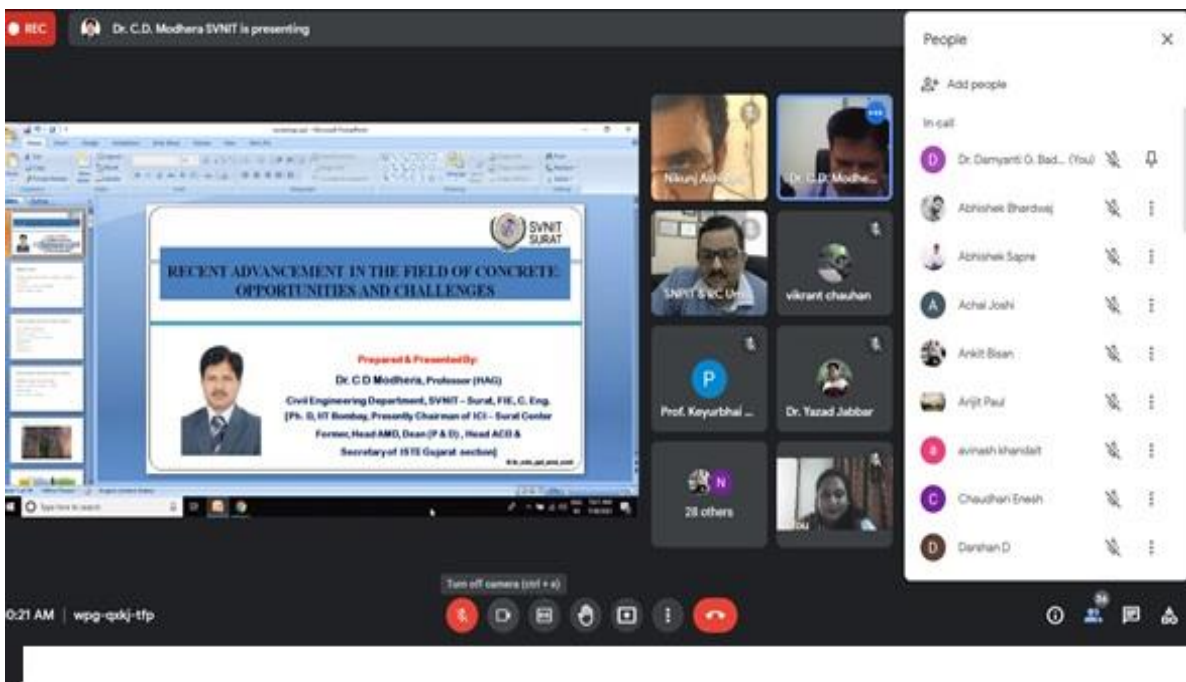
Department of Science & Technology (DST) has been constituted vide General Administration Department G.R. No. DST/2002/398/ITD dated 21st June, 2002 and it has been operational since 01.04.2003. This department mainly looks after the growth and development of new & emerging technology areas and is responsible for formulation and implementation of key policies in this sector in the State of Gujarat. As of now DST has been looking after the various areas of technology in the State.

One of the primary reasons to discuss about Challenges & Opportunities in the research field of Civil Engineering is the rapid development & growth of entire world. Due to fast development many environment issues raised. So, by discussing the challenges in the research field of civil engineering focusing on Environment, Water, Structure, Geotechnical aspects, ground improvement & main Concrete Production area need to be more advance to overcome various issues for positive growth of nation rapidly. The purpose of this workshop to spread awareness and give proper guidance to researchers, academicians, industry persons and various stake holders to work in this area effectively. In this pandemic, this workshop has been organized to open door for researchers to work in various sectors of civil engineering field effectively by taking knowledge from experts of the field. For this 2days online national workshop, DST GUJCOST has given sponsorship for successful execution of this event.

In inaugural session, Principal Dr. Piyush S Jain has welcomed all participants by giving few glimpses of institute., Department Head Prof. Keyur Shah, has addressed all audience by giving departmental introduction. Event Coordinator Dr. Damyanti G Badagha has given event introduction and main aim & objectives of workshop. Event co-coordinator Dr. Yazad Jabbar and Prof. Nikunj Ashiyani handled all sessions both days by giving speaker introduction and handling question-answer sessions throughout workshop. More than 40 participants have joined session from students, staff and industry person with active involvement. All sessions were on different field of Civil Engineering and ended with good question-answer session.




Photographs Taken during Inaugural Session in Presence of Principal, Department Head and all Event Coordinators




Photographs Taken during First Session of Dr. C D Modhera, Professor SVNIT, 30/07/2021

REC Prof. Darshan Mehta is presenting




DST GUCOST SPONSORED Online 2days National Wkshop on Challenges & Opportunities in the Research field of Civil Engineering*
(30-31 July,2021)

Organized by Civil Engineering Department
S N Patel Institute of Technology & Research Centre, Umrahk



Topic: Recent advancement In the field of Concrete: Opportunities & challenges
Time: 01.30 pm to 03.00 pm @ 30/07/2021
Joining Link: <https://meet.google.com/wpg-qxkj-1fp>



Prof. Darshan J Mehta
Assistant Professor
Civil Engineering Department
Dr. S. & S. S. Ghodhy
Government Engineering College (GGEC), Surat.
Email ID - darshanmehta2400@gmail.com
Mob. No. +91 84289 58910

EDUCATION

- Pursuing PhD from SVNIT
- Master in Civil Engineering with Water Resource Management specialization from GEC Surat in 2013.
- Bachelor in Civil Engineering from GEC Surat in 2011

ACHIEVEMENTS AND CAREER

- Published more than 85 Research Papers in reputed National/International Journal as well as Conferences.
- Published Book on 1-D Hydrodynamic Flood Modelling to identify flood prone areas
- Published Book on "Civil Engineering interview Questions"
- Best Pedagogical Award from Gujarat Technological University.
- Received National Eminent Academic Leader Award 2020 from International Institute of Organized Research (I2OR) India.
- Reviewed more than 100 papers in National/International Journal and Conferences.


Turn off camera (ctrl + e)

1:38 PM | wpg-qxkj-1fp

Grid of participants: smit chaudhari, vikrant chauhan, CE_025_chaudhari..., Prof. Darshan Mehta, Presentation (Prof. Darsh..., Dr. Yazad Jabbar, CE_053_Chaudhari..., 23 others, You


Photographs Taken during Second Session of Prof. Darshan Mehta, Asst. Prof, GEC Surat, 30/07/2021

REC Dr. Yazad Jabbar is presenting




DST GUCOST SPONSORED Online 2days National Wkshop on Challenges & Opportunities in the Research field of Civil Engineering*
(30-31 July,2021)

Organized by Civil Engineering Department
S N Patel Institute of Technology & Research Centre, Umrahk



Topic: Recent Research advancement in the field of Structural Engineering
Time: 3pm to 4.15pm @30/07/2021
Joining Link: <https://meet.google.com/wpg-qxkj-1fp>



Mr. Ankit Sodha
Assistant Professor
Civil Engineering Department
IITe, Indus University,
Ahmedabad
Email ID - ankitsodha.cv@indusuni.ac.in Mob. No. - 9428478888

EDUCATION

- Ph.D. Pursuing (Thesis Submitted) (Applied Mechanics Department), SVNIT – Surat, Gujarat
- M.E. (Structural Engineering), Gujarat Technological University
- B.E. (Civil Engineering), Dharmsinh Desai University, Nadiad, Gujarat

ACHIEVEMENTS AND CAREER

- Currently he is an Assistant Professor at Civil Engineering Department, IITe, Indus University
- He is having a 2 years of experience in Academics and 4+ years of experience in Research
- 12 Research papers in various National and International Journals, Conferences, etc.
- Research Areas – Structural Dynamics, Stochastic Analysis, Artificial Neural Networking

Turn off camera (ctrl + e)

3:05 PM | wpg-qxkj-1fp

Grid of participants: Nikunj Ashiyani, vikrant chauhan, PARV JAIN, Dr. Yazad Jabbar, Ankit Sodha, Presentation (Ankit Sodha), 20 others, You

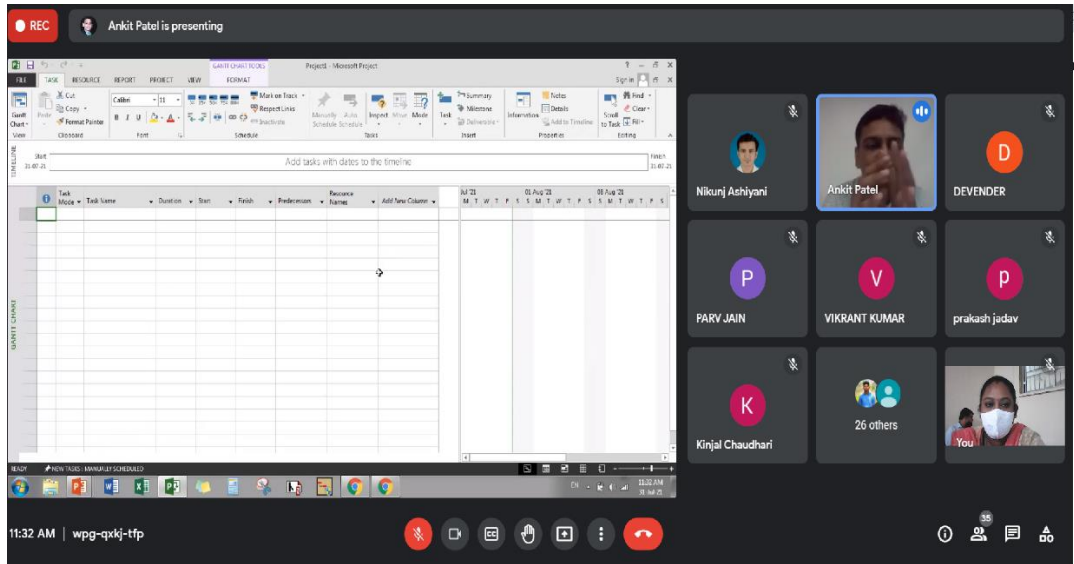
People

Add people

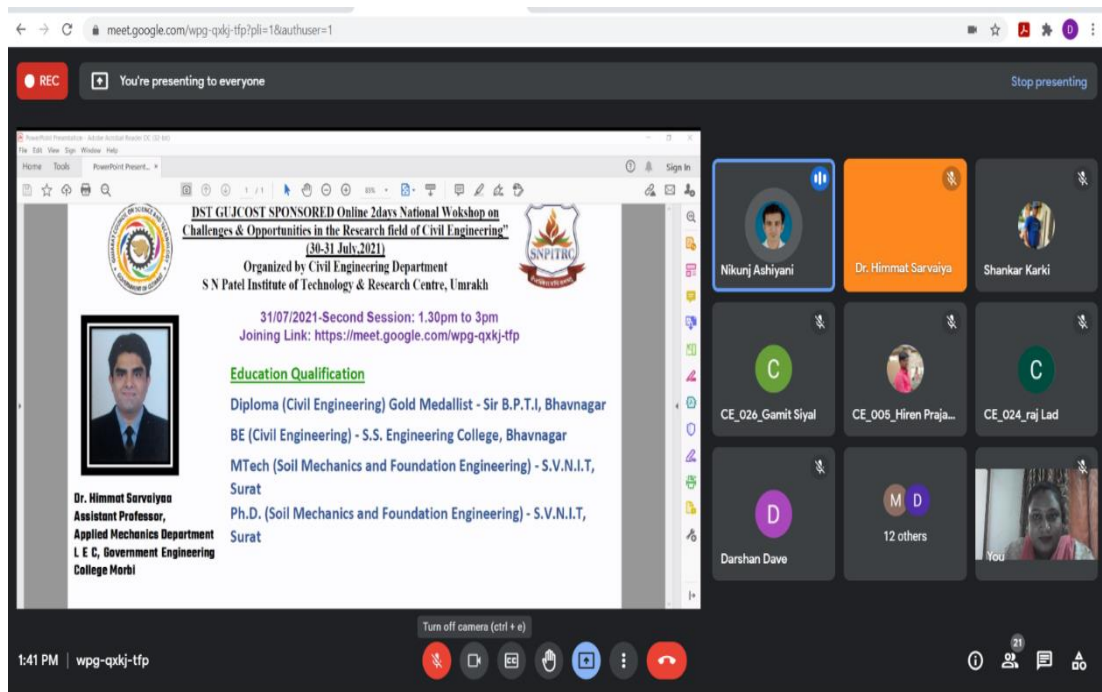
In call

- Dr. Damyanti G. Bad... (You)
- Achal Joshi
- Ankit Sodha
- Arijit Paul
- CE_003_priyanshi mistry
- CE_010_Bhandari Ayushi
- CE_021_Mistry Harsh
- CE_025_chaudhari Shweta

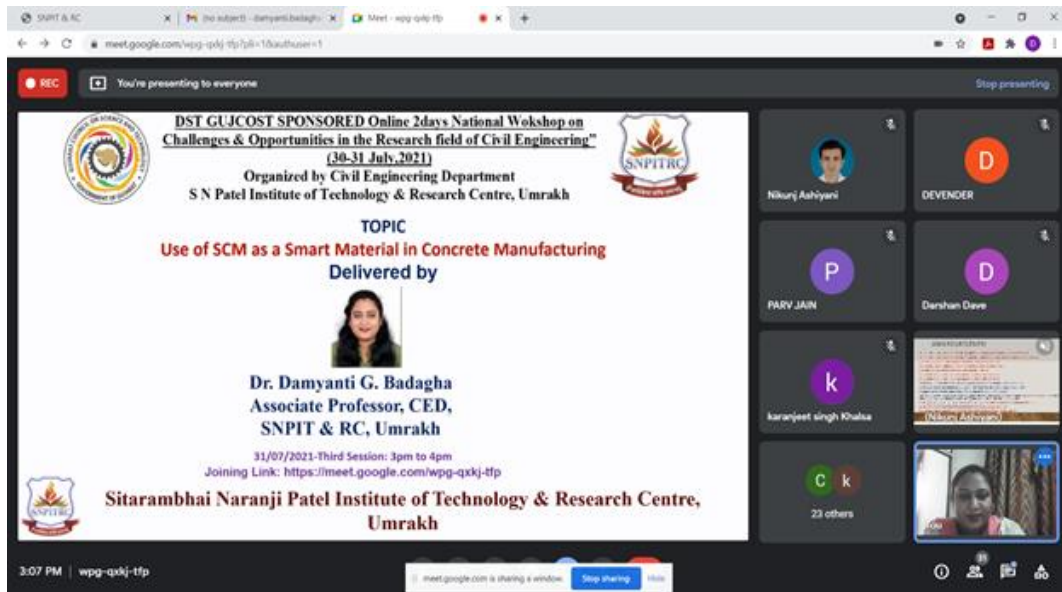
Photographs Taken during Third Session of Dr. Ankit Sodha, Asst. Prof, Indus University, 30/07/2021



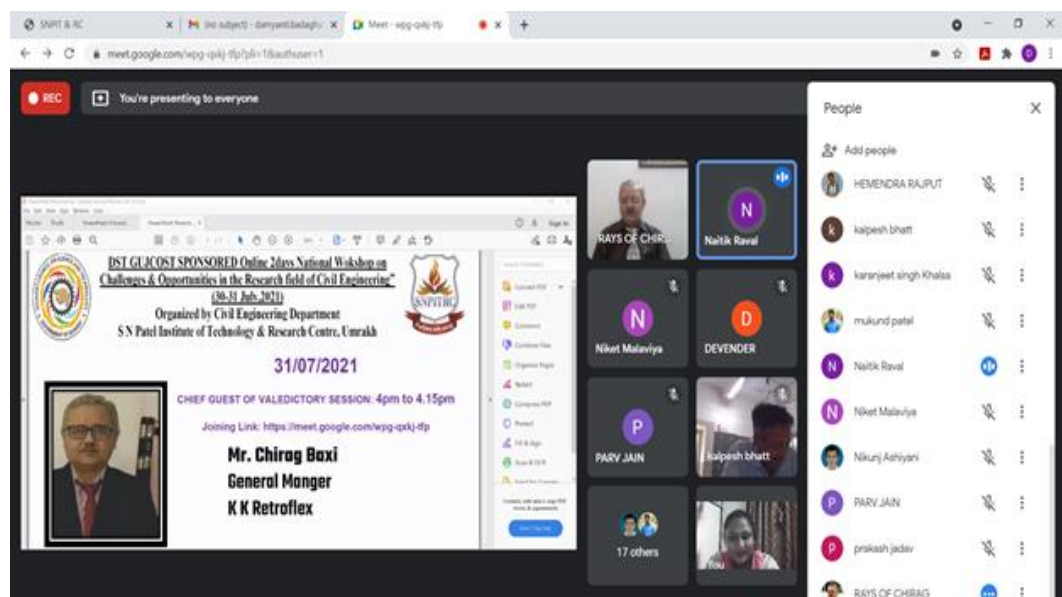
Photographs Taken during Fourth Session of Dr. Ankit Patel, Asst. Prof, Ganpat University, 31/7/2021



Photographs Taken during Fifth Session of Dr. Himmat Sarvaiyaa, Asst. Prof, LE GEC Morbi, 31/7/2021



Photographs Taken during Fifth Session of Dr. Damyanti Badagha, Associate Prof., SNPIT & RC, Umrakh, 31/7/2021



Photographs Taken during Valedictory Session of Mr. Chirag Baxi, General Manager, K K Retroflex, 31/7/2021

On the second day, during valedictory session Mr. Chirag Baxi addressed all participants. Event coordinator **Dr. Damyanti G Badagha** conveyed vote of thanks to DST GUJCOST, SNPIT & RC & Vidyabharti Trust Institution. Dr. Yazad Jabbar and Prof. Nikunj Ashiyani conveyed vote of thanks and workshop announced closed.

For the grand success of event Vidyabharti Trust Members, Principal Dr. Piyush Jain, Administrative Dr. Akshay Gupta, all department heads and DST Gujcost officials congratulated Institute.

ANNEXURE

SAMPLE CERTIFICATE OF PARTICIPANTS



S. N. Patel Institute of Technology & Research Centre

(A Vidyabharti Trust Institution)



SPONSORED BY



Certificate of Participation

This is to certify that

has participated in

GUJCOST, DST, Government of Gujarat Sponsored

Two Days Online National Workshop on

Challenges & Opportunities in the Research field of Civil Engineering

(30th & 31st July, 2021)

Organised by Civil Engineering Department,

S. N. Patel Institute of Technology & Research Centre, Umrakh.



Dr. Damyanti G Badagha
Coordinator
SNPIT&RC, UMRKHH



Dr. Piyush S. Jain
Principal
SNPIT&RC, UMRKHH