



# 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

DEPARTMENT OF CIVIL ENGINEERING

In association with

**Indian Geotechnical Society**

Organizes

**Webinar**

**On**



**“GIS for Civil Engineering Applications”**

By

**Mr. Prashant. K,**

Group Manager, Esri India Technologies Ltd., Jayanagar, Bengaluru

Date: 08.09.2020

Time: 11.00 AM

Venue

Microsoft Teams

Department of Civil Engineering

**All are cordially invited**



**NEW HORIZON  
COLLEGE OF ENGINEERING**  
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC  
Accredited by NAAC with 'A' Grade.

**Department of Civil Engineering**

**Technical Webinar on "GIS for Civil Engineering Applications"**

**08<sup>th</sup> September 2020**

**PROGRAM SCHEDULE**

**11:00AM TO 11:10 AM - Inauguration session**

Welcome address by

**Dr. P.S. Niranjan**

**HOD-CIVIL ENGINEERING**

Key Speaker

**Mr. Prashant. K**

*Group Manager-Presales*

Elkay Electromech India Pvt. Ltd.

# 790, 11<sup>th</sup> Cross, Vijaya Bank Layout,  
Bilekahalli, Off Bannerghatta Road, Bangalore - 560 076

Vote of thanks

**Dr. N. Mahesha.**

**Associate Professor, Civil Engineering Department, NHCE**

# NEW HORIZON COLLEGE OF ENGINEERING, BANGALORE

## Department of Civil Engineering

### Technical Webinar on “GIS for Civil Engineering Applications”

#### PROGRAM SCHEDULE

<b>Timings</b>	<b>Event</b>	<b>Resource person</b>
11:00AM to 11:10AM	<b>Inauguration</b>	<b>Dr. P. S. Niranjan</b> Professor & HOD Civil Engineering, NHCE And <b>Mr. Prashant. K</b> <i>Group Manager-Presales</i> Elkay Electromech India Pvt. Ltd. # 790, 11 <sup>th</sup> Cross, Vijaya Bank Layout, Bilekahalli, Off Bannerghatta Road, Bangalore - 560 076
11:10AM to 11:20AM	<b>Introductory Talk &amp; Welcome Speech</b>	<b>Dr. P. S. Niranjan</b> Professor & HOD Civil Engineering, NHCE
11:20AM to 12:20PM	<b>Key Speaker</b>	<b>Mr. Prashant. K</b> <i>Group Manager-Presales</i> Elkay Electromech India Pvt. Ltd. # 790, 11 <sup>th</sup> Cross, Vijaya Bank Layout, Bilekahalli, Off Bannerghatta Road, Bangalore - 560 076
12:20 to 12:30PM	<b>Vote of thanks</b>	<b>Dr. N. Mahesha</b> Associate Professor Civil Engineering Department, NHCE

Date: 08<sup>th</sup> September 2020

Time: 11.00 AM -12.30 PM

Venue: Dept. of Civil Engg.

Date: 29/08/2020

From,  
Dr. N. Mahesha  
Associate Professor  
Department of Civil Engineering  
New Horizon College of Engineering  
Bengaluru – 560 103

To,  
The Principal  
New Horizon College of Engineering  
Bengaluru – 560 103

Through Head, Department of Civil Engineering

Respected Sir,

**Subject: *Permission for conducting webinar to be held on 08<sup>th</sup> September 2020.***

With reference to the above subject, the Department of Civil Engineering, NHCE intends to organize a Webinar on the topic “GIS for Civil Engineering Applications” on 08<sup>th</sup> September 2020. We are inviting eminent speaker Mr. Prashant. K, Group Manager, Elkay Electromech India Pvt. Ltd. He is an ESRI certified professional with 12 years of experience in GIS domain across a range of industries including Govt, Commercial, Education and utilities. This webinar will be helpful to all Civil Engineering teaching faculty members and students in enhancing their knowledge in the field of GIS. We would like to request for your permission and support to conduct this event.

Please do the needful and oblige.

Thanking you,

With kind regards

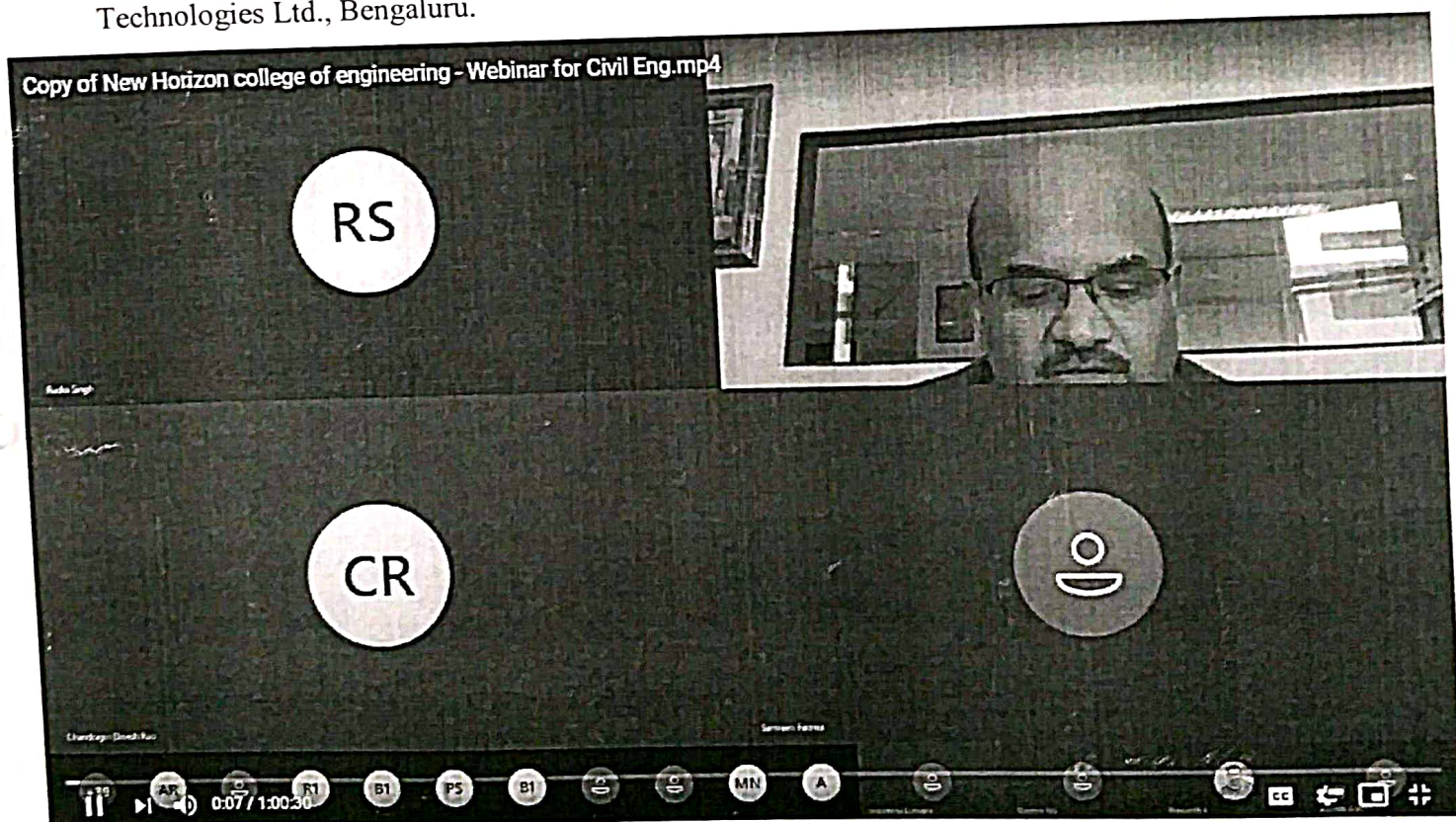
*N. Mahesha*  
(Dr. N. Mahesha)

## WEBINAR REPORT

Department of Civil Engineering, NHCE – Bengaluru in association with Elkay Electromech India Pvt. Ltd. and Esri India Technologies Ltd. Bengaluru, organized the live Webinar on “GIS for Civil Engineering Applications” on Tuesday, September 08th 2020 at 11:00 AM.

Key Note Speaker for this webinar was Mr. Prashant. K, Group Manager, Esri India Technologies Ltd., Jayanagar, Bengaluru - 560 082. Mr. Prasanth is a Geographer with 12 years of experience in GIS domain across a range of industries including Government, Commercial, Education and utilities. He is an Esri certified professional, focuses on the real-time and big data analytics and manages presales activities for the South India based out at Bangalore.

The webinar was started through welcome address given by Dr. Niranjan P.S., HOD-Civil, NHCE, followed by technical talk given by Mr. Prashant. K, Group Manager, Esri India Technologies Ltd., Bengaluru.



*Welcome address by Dr. Niranjan P S, HOD-Civil*

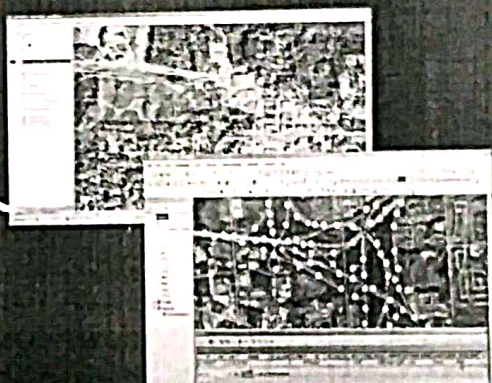
Mr. Prashant, in his talk explained about,

- Esri Geospatial cloud
- CAD – BIM – GIS Integrations
- Civil Engineering Life Cycle
- Applications of GIS in the following areas:
  - Planning: Site analysis, survey, impact assessment
  - Design: CAD-BIM-GIS integration, topography, Realtime
  - Construction: Integrations, Monitoring, Tracking
  - Management: Monitoring dashboards, field force management, asset management

Copy of New Horizon college of engineering - Webinar for Civil Eng.mp4 esri India  
THE SOURCE OF INSPIRE

### Planning

- Site Analysis
- Economic Analysis
- Regulatory Compliances
- Environmental Impact Analysis & Mitigation
- Alternative Siting Analysis
- What-if scenarios & Sustainability
- Multi criteria Analysis

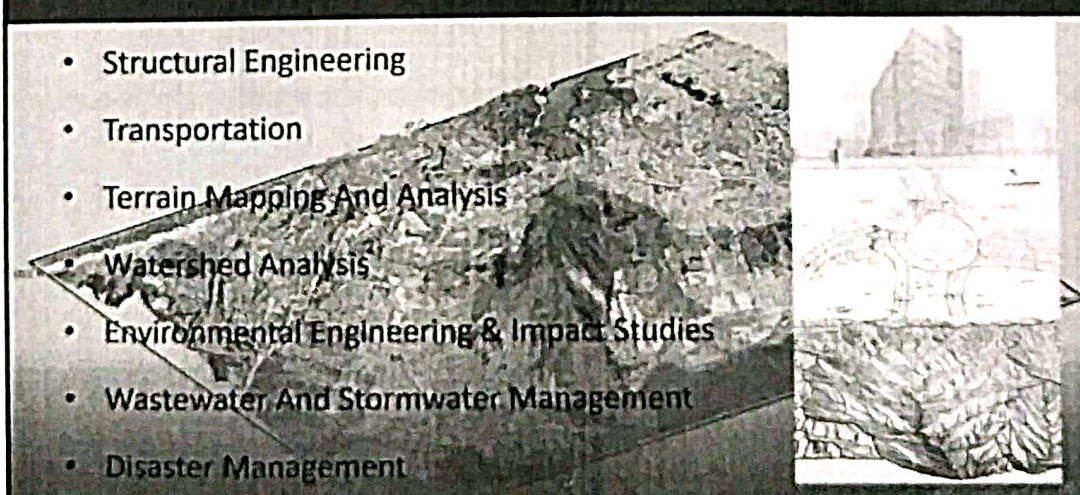


20:47 / 1:00:30

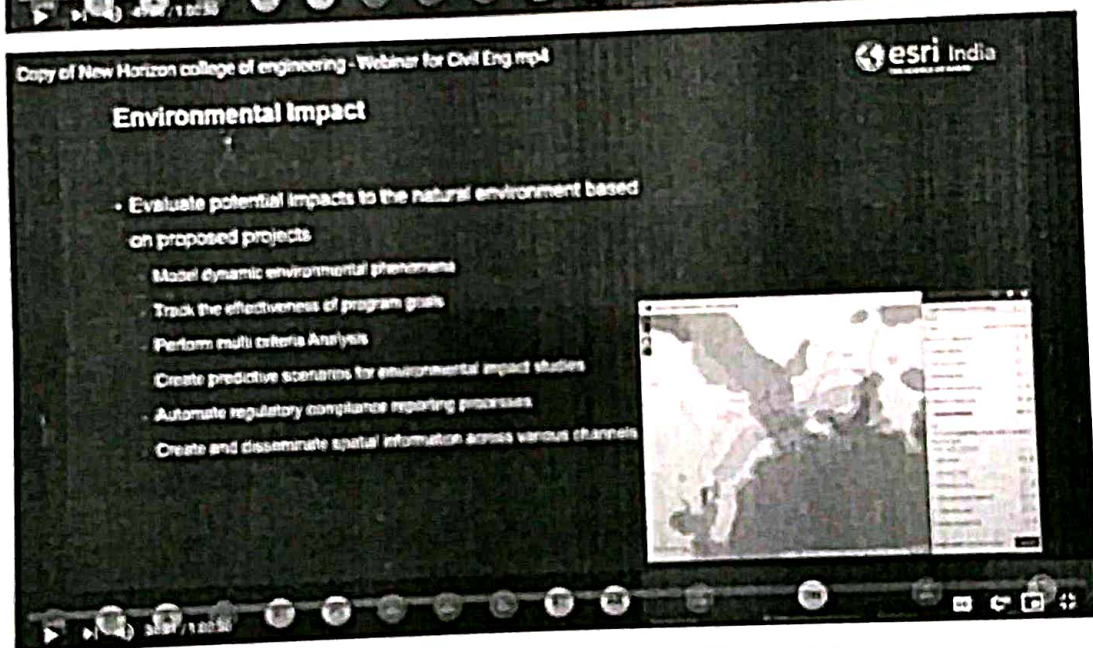
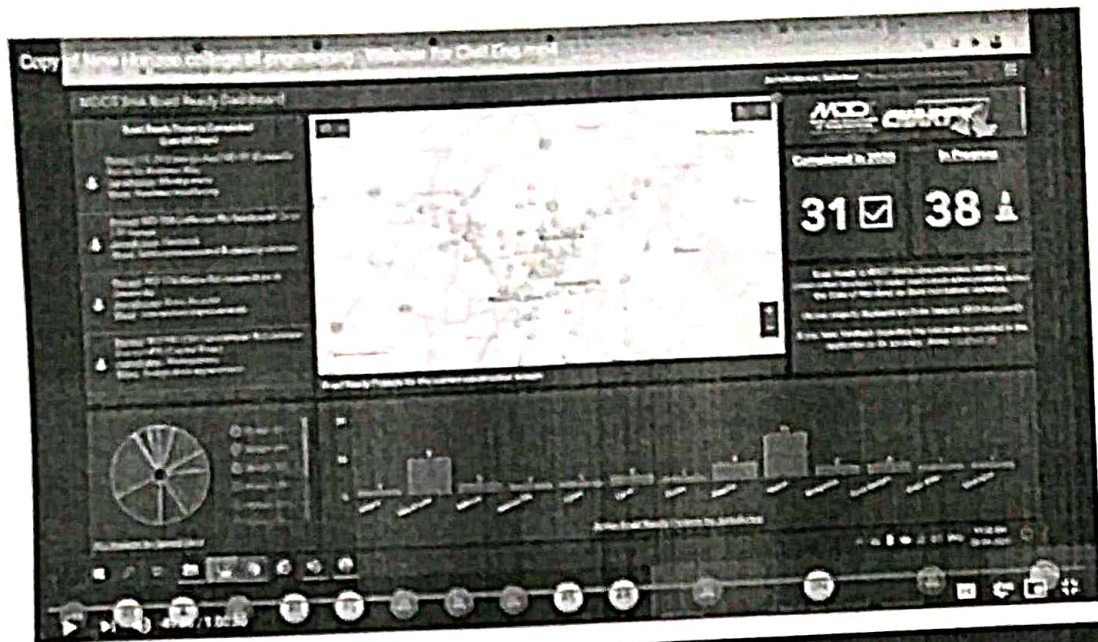
Copy of New Horizon college of engineering - Webinar for Civil Eng.mp4 esri India  
THE SOURCE OF INSPIRE

### GIS Applications In Civil Engineering

- Structural Engineering
- Transportation
- Terrain Mapping And Analysis
- Watershed Analysis
- Environmental Engineering & Impact Studies
- Wastewater And Stormwater Management
- Disaster Management



19:54 / 1:00:30 Exit full screen



Screen shots related to online webinar

More than 100 participants from different universities/organizations/institutes were participated in this webinar. The wonderful students who have turned up into this webinar in such a great numbers, not only from our college but also from other colleges and Universities.

At last the program was ended with vote of thanks given by Dr. N. Mahesha, Associate Professor, Dept. of Civil Engineering, NHCE.

  
HOD - CIVIL



# 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



## DEPARTMENT OF CIVIL ENGINEERING

### CERTIFICATE OF PARTICIPATION

Aashish Kumar Gupta

This is to certify that Dr. /Mr. / Ms. ....  
from.....  
Bhilai steel plant

has successfully participated in One day Webinar on "GIS For Civil Engineering Applications" held on 08<sup>th</sup> September 2020 at New Horizon College of Engineering, Bengaluru.

*N. Mahesha*

.....  
Dr. N Mahesha  
CONVENER

*T. S. Niranjan*

.....  
Dr. Niranjan P.S  
HOD-CIVIL