



INSPIRE

DEPARTMENT OF CIVIL ENGINEERING
VOL 12, ISSUE 2 - SEPTEMBER 2021
HALF YEARLY PUBLICATION



WELCOME !

SEISMIC HAZARD OF INDIA

Gain insight on the current seismic condition of india .

READ MORE ON PAGE 2

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The department of Civil engineering, NHCE wholeheartedly invites you on a journey through the daily life of its department . So sit back , grab a cup of coffee and prepare to be amazed as we keep you up to date with the current events of the department .

ALUMNI TALK

See how Anand can light up the atmosphere of th e room with his jovial personality.

READ MORE ON PAGE 6

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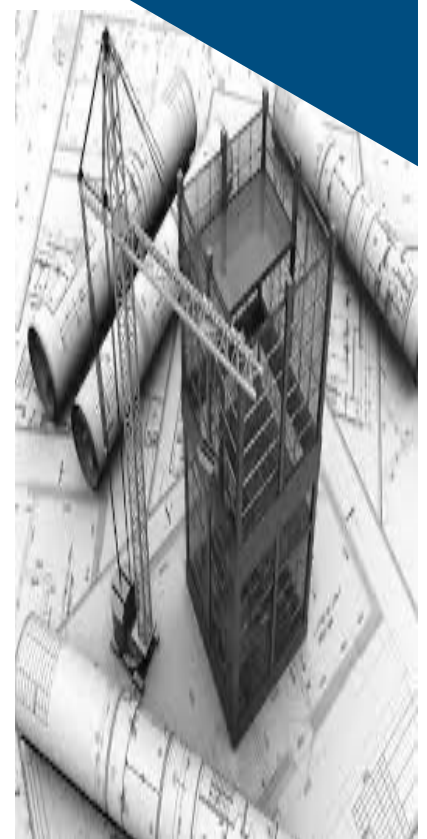


ECOSUNDAY

A group of highly motivated invididuals out to be the change be wish to see .

READ MORE ON PAGE 7

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A PERSONAL MESSAGE

FROM OUR HEAD OF DEPARTMENT

Dear Readers,

We, the Department of Civil engineering happy to announce the release of our Newsletter for the Academic year 2020-2021.

I appreciate the department for such an initiative to provide a platform for communicating the innovative ideas of the students and faculty member. This newsletter showcases the numerous events organized by the department of Civil engineering, the extra-curricular, co-curricular, achievements and academic success of the department's students and faculty. This new endeavor is the result of the efforts put in by a dedicated team of teachers and students. I congratulate the Department and the concerned staff members, students and editorial team for the efforts taken by them to bring out this newsletter and making it a grand success.



Dr. NIRANJANA P.S
HOD-CIVIL

EDUCATIONAL WEBINARS

The students of the civil department were enlightened through a series of webinars and seminars conducted for the benefit of the students on a variety of topics ranging from seismic hazards of India to the future of precast structures .

1. Liquefaction and its ill effects during earthquakes

A webinar on the topic “Liquefaction and its ill effects during earthquakes” was organized by the department on September 24th,2020.

The speaker explained technical definitions, occurrence, earthquake liquefaction and its ill effects in detail. After that, Questions and Interaction session was held in which teachers also shared their knowledge on the topic. The Webinar ended by Vote of thanks.

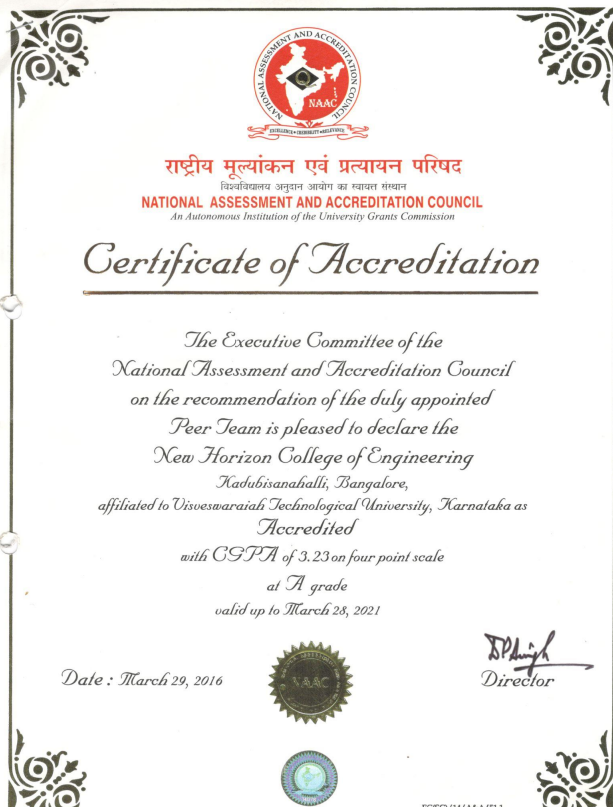


ACHIEVEMENT OF THE TIMES -NAAC

Our college management has always been committed to quality and is of the firm opinion that it's recognition by the outside world is of paramount importance. True to these ideals, we always strive to achieve this end by getting recognition from the National Assessment and Accreditation Council (NAAC) of UGC.

The college applied to NAAC for its assessment and accreditation, and then the management submitted its Self Study Report.

Based on this report, NAAC accredited us with 'A' grade.



“There is no knowledge without learning. There is no wisdom without experience.”

Debasish Mridha MD



2. SEISMIC HAZARD OF INDIA

The Department of Civil Engineering organized a webinar on “Seismic Hazard of India” on September 22nd, 2020 for 3 hours, through the Google Meet platform. The speaker delivered a lecture on India has suffered four great earthquakes of magnitudes 8.5 and greater, in the past hundred years, inflicting heavy casualties and economic damage. He specifically focused on how Seismic hazard micro zonation studies have emerged as major tools towards our efforts for preparedness and mitigation of losses due to earthquakes. The resource person thanked the organisers Dr.Giri Prasad and Ms.Serin Issac for arranging the live webinar.

3. CLIMATE VARIABILITY AND HAZARDS OF BANGLADESH

A webinar was organised by the Civil Dept, by Dr.Giri Prasad with the objective to understand the importance of Climate Variabilities and Rainfall Induced landslides hazards of Bangladesh. The session ended with a round of discussion and vote of thanks and the webinar was attended by around 100 participants including students and the faculty members.

NEW HORIZON COLLEGE OF ENGINEERING
New Horizon College of Engineering, Bangalore
International Quality Standard Institute (IQA) Approved by AICTE & UGC
Recognized by MAC, AICTE, UGC, Karnataka State

50th Anniversary

WEBINAR Live Streaming
Organised by Department of Civil Engineering
Topic: "SEISMIC HAZARD OF INDIA"
Eminent Speaker
Dr. STG Ragu Kanty, Associate Professor, Department of Civil Engineering, IIS Bangalore

Time & Date: FROM 11AM - 12PM
TUESDAY, SEP 22nd-2020
Registration: <https://forms.gle/WaoY1u5j3bv9Vh3Q45>

In Association with IIS-Bangalore Chapter

Conveners: Dr. Giriprasad C, Mrs. Serin Issac
Patrons: Dr. Manjunatha, Principal-NICE, Bangalore
Coordinator: Dr. Miranjan P S, IISD-Civil-NICE, Bangalore
For Registration Contact: 768 057735

4. PRECAST STRUCTURES

An exclusive webinar session was organised by Civil Department under the guidance of faculty co-ordinator Mr.Surendra BV. The speaker explained the importance of various techniques of precast concrete. Precast concrete is incredibly dense, and the process used to create it makes it denser and more resilient than other concrete options. After the core session of 1:15 hrs, Q&A session started and the resource person responded on the queries. The E-certificates were sent to the participants electronically through mail.

5. SUSTAINABLE DEVELOPMENT AND BIODIVERSITY

A 1.5hrs Webinar on “Sustainable Development and Biodeversity” was organised by Dr. Jagadeesh CB and Mrs. Serin Issac.

The Webinar focused on universal call to action to end poverty, protect the planet and ensure all people enjoy peace and prosperity in the coming years. In the end, the faculty coordinators gave the vote of thanks and thanked the speaker for sharing his insightful and informative knowledge about Biodiversity and Sustainability.

6. STRESS MANAGEMENT

A webinar on “Stress Management” was conducted on 26th July,2021 from 3pm to 4pm and was organised by the faculty coordinators Dr. Mahesha N, Mr.Satish D, Dr. Vinay Kumar BM and Prof. Surendra BV. A brief overview about stress & it’s different facets in general along with its importance in this pandemic context were explained by the resource person Lt.Gen Pillai.

The last 15minutes of the session was reserved for the question – answer/ discussion.

7. RECENT ADVANCEMENTS IN NANO COMPOSITES

Department of Civil Engineering, NHCE, Bengaluru, hosted a Live Webinar on “RECENT ADVANCES IN NANO COMPOSITES” on July 24th 2021 organised with the help of faculty coordinators Dr.Jagadeesh CB, Dr. Nachimuthu S, Mr.Rahul NK and Convenor Dr. Niranjana PS, Professor & HOD, Civil Engineering,NHCE. The resource person for the webinar was Dr.NS Kumar, Professor and HOD, Dept. of Civil Engineering, Ghousia College of Engineering.

The speaker addressed a brief introduction to nano composites and its recent advances in Nanotechnology. The speaker and other organizing committee members thanked all the participants for their active cooperation.

8. PROTOTYPE/ PROCESS DESIGN AND DEVELOPMENT

Civil Engineering Department of NHCE in association with NHCE’s Institution’s Innovation Council,Bengaluru organised a Webinar on ‘Prototype/Process Design and Development-Prototyping’ held on 30th June 2021.

Later, The speaker Dr.Jagadish.V, (HOD,EDC, IIC), Department of Civil Engineering, PVPSIT,Vijayawada responded to questions raised by the students. This was followed by vote of thanks and expressed his appreciation to the department for the enlightening session.

9. Armed Forces - A Great Career Option for Leader

A live Webinar was organised with the help of faculty Coordinator Prof. Surendra BV on Feb 7th, 2021. The speaker Sol P S Suresh addressed about the importance of various career options in armed forces as it promises one of the most prestigious and respected positions in the country. The queries regarding opportunities in the armed forces were brilliant answered and handled satisfactorily by the speaker.

10. Solution for employability in Construction Industry

Department of Civil Engineering organised a webinar on "Solution for Employability in Construction Industry" on July 16th, 2021 at 11:00 on Google Meet Platform.

The resource person for the webinar was Mr. Anand T -Founder & CEO, Swifterz.

The objective of the session was Solutions for Employability in Construction Industry.

The webinar was successfully coordinated

by Ms.Geethu V and there were a total of 100 participants including the

students and the faculty

members and had good

feedback for the program.

11. How to write Research Proposal - A review and approach

Dr.Giri Prasad C, Professor of Department of Civil Engineering, NHCE organised a webinar on "How to write a research proposal-a review and approach" on October 23rd, 2020.

The resource person addressed a comprehensive analysis of SPT-CPT correlation for Soil Modulation in Bengaluru City. This project was recognised and granted by VGST, Govt of Karnataka, India.

The students were immensely benefitted and thanked the speaker for the successful conduct of the webinar. Feedback was also taken for the session from the participants and it reflected the success of the webinar which was well received and appreciated by the students and the faculty members.

MORE ON WEBINARS

ALUMNI TALK

Alumni Talk : Civil to stand up comedy

Speaker : Anand Ratnam - Stand up Comedian

An alumni talk was conducted on the 7th of February 2021. Anand Ratnam batch 2010-2014 who now is a successful stand comedian gave the students insight about the little joys that never sieze to amaze us in life.

FAILURE IS NOT THE OPPOSITE OF SUCCESS
BUT IT IS A PART OF SUCCESS.



SURVEY CAMP !!!

As a part of course curriculum, Civil Engineering department organized an extensive survey camp for fifth semester students from 22-02-2021 to 06-03-2021 in Shri Subramanya Ghati.

Students will get hands on field experience in using various survey instruments and techniques involved in many Civil Engineering projects. It was a 10 day training camp , First day they did the reconnaissance survey and for the remaining days they had hands on experience with different survey instruments like plane table, dumpy level, theodolite and total station in four different projects that was assigned to them.

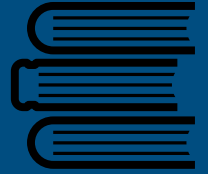


Extensive Survey Camp at Ghati Subramanya for AY 2020-21



Extensive Survey Camp at Ghati Subramanya for AY 2020-21

STUDENT'S CORNER



ECOSUNDAY

Ecosunday, a volunteer group that holds weekly cleanliness drives in the city, was started by two students of Jerome Raj R, of 7th Sem Civil Dept and Krtin Kannan, of 7th Sem ISE Dept of New Horizon College of Engineering. The two friends frequently used to comment on issues like climate change and pollution on social media. Two years ago, they decided to actually do something about these issues and started conducting cleanliness and awareness drives around the city of Bangalore.

In addition to volunteers from the online community, the group welcomes anyone who wants to join their drives on the spot.




IWWA 2020, HYDERABAD

The Indian Water Works Association organized its 53rd Annual Convention and Exhibition in Hyderabad on 5th & 6th March, 2021. This convention was hosted by IWWA Hyderabad Centre and supported by HMWSSB and was an international platform for cultivation and propagation of engineering and technical knowledge.

Two students from our department - Gayathri Nivedha and Sanaa Shah, currently of 7th semester Civil won “Best Student Paper” award on presenting their research paper, “Effective water management for Tumkur district”.

The convention comprised of several activities on the theme “Smart Governance of Water Management” and an exhibition with stalls pertaining to latest technologies in the field of Water and environmental management was also organized.





JFK once said, "Efforts and courage, are not enough without purpose and direction".

BROUGHT TO YOU BY :

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Edison once said, "I have not failed, I just found ten thousand ways that wont work".

