



DEPARTMENT OF CIVIL ENGINEERING
VIVEKANANDA COLLEGE OF ENGINEERING & TECHNOLOGY, PUTTUR

Volume 10

April 2021

Sponsored Project



During the Seminar and Exhibition, "44th Series of Student Project Programme KSCST Best Project Award" witnessed a team from civil engineering win the coveted "State Best Project of the year". The project "Predicting of Land Use Land Cover Changes of Puttur Taluk D.K Using Remote Sensing And GIS Techniques" by Mr. Nishanth Rai S, Ms. Sahana H M, Ms. Nishkala B, Ms. Pavithra B R which was guided by Mr. Sumanth A, Assistant Professor and Dr. Sowmya N J, Professor of the Department of Civil Engineering.

EDITORS TEAM

Chief Editor

Dr. Anand V R

Professor & Head

Editor

Mr. Rajesh R

Assistant Professor

Webinar on "Restore Our Earth"

The Department of Civil Engineering organized an alumni webinar on 22nd April, 2021, at 3:30pm on the eve of Earth Day. The talk was delivered by Dr. M S Chaitra, Director and Fellow, Aarohi Research Foundation Bangalore. He gave significance of Earth Day, ecology and raise awareness of the growing problems of air, water, and soil pollution. A total



of 70 students of CV Dept. participated in this webinar.

Mr. Subramanya R M, was coordinated the event. The theme for Earth Day 2021 is Restore Our Earth and it focuses on natural processes and emerging green technologies that can restore the ecosystems.



Alumni Online Webinar Series-4 "Geospatial Technology Applications in Water Resources"

The Department of Civil Engineering organized an alumni webinar on 7th May, 2021, at 4:30pm. The talk was delivered by Dr. Arjun B M Scientist- 'SD' North Eastern Space Applications Centre (NESAC) Department of Space, Govt. of India, Meghalaya. He gave details of geospatial information and technology, such as remote sensing, visualisation, GIS and Lidar in the field of water resources management. A total of 70 students of CV Dept. participated in this webinar. Mr. Rakesh Borker, was coordinated the event.

Geospatial technology may be used to create intelligent maps and models that may be interactively queried to get the desired results in a STEM application or may be used to advocate social investigations and policy based research.

VIVEKANANDA COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE, New Delhi & Recognized Govt. of Karnataka, Affiliated to VTU, Belagavi

DEPARTMENT OF CIVIL ENGINEERING
Alumni Webinar Series -4
On
Geospatial Technology Applications in Water Resources

By
Dr. Arjun B M
Scientist- 'SD'
North Eastern Space Applications Centre (NESAC)
Department of Space, Government of India
Umiam - 793103, Meghalaya

Friday, 7th May 2021
at 4:30 pm

Platform : Microsoft Teams

Vision

To foster the students through quality education, research work and mould them for professional commitment towards needs of the society and build sustainable structures.

Mission

M1- Education: To deliver a quality engineering education through innovative dynamic teaching-learning environment and impart professional experience.

M2- Research: To provide a platform for faculty and students for the application of innovative technical knowledge in their field of interest.

M3-Society: To inculcate professional skills to cater the society through technical solutions to the real time problems

Webinar On “Preventive Measures for Covid 19”

The Department of Civil Engineering, Vivekananda College of Engineering, Puttur, organized an webinar On “Preventive Measures for Covid 19” on 16th May, 2021 at 5:00 pm. The sessions were delivered by Dr. Giridhara Kaje Ayurvedic Doctor, Bengalore. Resource person has said that world community is facing an unprecedented pandemic of novel corona virus disease (COVID-19) caused by Severe Acute Respiratory Syndrome Corona virus. Drawing on the ayurveda classics, contemporary scientific studies, natural herbs and home remedies have helped people realize the real importance of ayurveda amid the pandemic. Mr. Subramanya R M and Mr. Shishirakrishna S, was coordinated the event.

The poster is for a webinar titled "Preventive Measures for Covid 19" organized by the Department of Civil Engineering at Vivekananda College of Engineering & Technology. The speaker is Dr. Giridhara Kaje, an Ayurvedic Doctor from Bengalore. The event is scheduled for May 16, 2021, from 5:00 PM to 6:30 PM. The poster includes the college's logo, the NBA logo, and a QR code for registration. The text is in Kannada and English. The platform used is Microsoft Teams, and a "Stay Home Stay Safe" message is included.

Alumni Online webinar Series-5 “ Interview Strategy & Tips”

The department of Civil Engineering organized an alumni webinar series-5 on 29th May, 2021, at 4:00pm. The talk was delivered by Ms. Ranjitha G Shetty, Senior Product Associate, In Compliance, Amazon, Development Centre India, Bengalore. She gave details about job interview preparation tips. A total of 45 students of CV Dept. participated in this webinar. Mr. Rakesh Borker B S, was coordinated the event.

Online Webinar- “National Level Webinar Series – 2”

The Department of Civil Engineering in association with ISTE VCET Chapter, Puttur Association of Civil Engineers and UltraTech Cements hosted an online webinar “National Level Webinar Series – 2” on 24th June, 2020 at 3.00 PM to 4:30 PM through Microsoft Teams. The talk was delivered by Er. Satish Rao Iddya, Chartered Engineer & Govt. Regd. Valuer, Surathkal, and Dr. Gangadhar Mahesh, Associate Professor, Dept of CV, NITK, Surathkal, Mangaluru. The main objectives of the program are Impact of COVID-19 on Valuation of Property/Structure and Construction Sectors. Resource persons have said that ongoing pandemic has created a number of challenges not only for the construction industry but also disrupted the global economy. The global crisis, duration of the recession, and path of recovery will largely determine the nature and severity of these challenges. In the current situation, the builders and contractors are struggling to obtain permits for both new and in-process construction projects. There were 118 participants faculty, research scholars and students

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Department of Civil Engineering

In association with
Indian Society for Technical Education, VCET Chapter
Puttur Association of Civil Engineers (PACE)
and
UltraTech Cements
organizes

National Level Webinar Series - 2
24th June 2020

 "Impact of COVID-19 on Valuation of Property/Structure" Speaker: Er. Satish Rao Iddya Chartered Engineer & Govt. Regd. Valuer, Surathkal, Mangaluru Time: 3.00 PM to 3.30 PM	 "Impact of COVID-19 on Construction Sector" Speaker: Dr. Gangadhar Mahesh Associate Professor, Dept of CV, NITK, Surathkal, Mangaluru. Time: 3.30 PM to 4.15 PM
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from various institutions of different states of India participated in this webinar. Dr. Soumya N J. and Mr. Shishirakrishna S. coordinated the event.

Online Webinar on “A Review on Revit architecture”

The Department of Civil Engineering, Vivekananda College of Engineering, Puttur, organized an Webinar series by Industry Professional on 8th June 2020, at 11.00 am to 12.00pm. The sessions were delivered by Ms. Anuradha Baliga Civil Engineer and Senior Cadd Engineer, Cadd Center, Mangalore. Resource person has said that there are many software available which are used in Civil Engineering. Due to the Technological Revolution, the number of software serving Civil Engineering needs are increasing manifold. So, to list out all these software will be an obtuse thing to do. Here is a list of SOFTWARE which are exorbitantly used by many Civil Engineers all around the world. AUTO-CAD is one of the basic software for drafting and documentation of the construction projects, STAAD. Pro is

the structural engineering professional's, Primavera is a construction Planning and Scheduling software, REVIT Structure for Building Information Modelling, 3DS Max – Modelling etc., There were 146 participants from various institutions of different states of India. The event was coordinated by Dr. Soumya N J.

Vivekananda
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[A Unit of Vivekananda Vidyapeethika Sangha, Puttur-8]
Mankhappa, Puttur-574203, D.K.

DEPARTMENT OF CIVIL ENGINEERING

Is hosting a webinar series-1
On 08th June 2020, Monday at 11:00AM to 12:00PM
The Topic of the webinar is
"A Review on Revit architecture"

Eminent Speaker

 Ms. Anuradha Baliga
 Civil Engineer and Senior Cadd Engineer
 Cadd center, Mangalore.

Alumni Online webinar Series-1 “How to Crack Infosys Aptitude”

The department of Civil Engineering organized an alumni webinar series-1 on 28th Sept 2020, at 11:30am. The talk was delivered by Mrs. Fathimath Jaheeza, System Engineering, Infosys Bengaluru. She shared his views about Infosys recruitment aptitude questions and answers. Infosys written test is not very difficult but tricky. I would suggest you go for topic-wise and company-wise preparation rather than the general preparation. This webinar helped students to gain knowledge Infosys recruitment. A total of 45 students from final year CV Dept. participated in this webinar. Mr. Prashanth H D was coordinated the event.

Online Webinar- “National Level Webinar Series – 3”

The department of Civil Engineering with association with Indian Society for Technical Education (ISTE) organized an Webinar series by Industry Professional on 28th July 2020, at 3.00 pm to 3:45pm. The speaker, Er. Sudeep Shetty delivered talk on Civil engineer- Employer or Employee? Resource person has said that there's a lot of opportunities for civil engineers, you have to be ready to work in a company for very

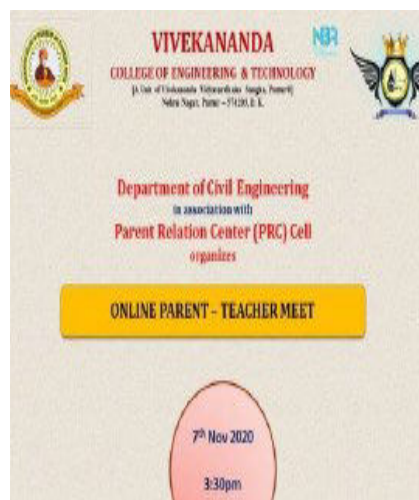


less salary top gain experience in the field and field

works, where you can get lots of knowledge about present technologies and all. You can learn some softwares which are used for designing, estimations, survey, topography, etc. There's a lot of vacancy available related to civil engineering and also you can become an licensed surveyor. Licensed engineer, PWD etc. There were 88 participants faculty, research scholars and students from various institutions of different states of In-

Online Parent-Teacher

Online Parent-Teacher meeting was arranged on 07-11-2020 at 3:30 PM by the Department of Civil Engineering in association with Parent Relation Center, VCET Puttur. Dr. Mahesh Prasanna K, Principal, Dr. Anand V R, HOD, academic advisors, counselors, Subject Teachers, Parents along with Students were the participants of the meeting. HOD, Dr. Anand V R, gave initial address and shared the information about the department vision, importance of attendance, understanding the subjects during online classes, preparation for CIE tests. He al-



so spoke about conduction of offline university exams. Then session was open for discussion.

The teachers addressed the queries during the session. Parents were asked to express their views about the online classes. Parents interacted by asking queries related to conduction lab sessions and they gave good feedback about online classes and study materials provided to students. After the session feedback was collected through Google forms. There were 126 parents who joined the meeting. Prof. Sumanth A, was coordinated the event.

Alumni Online webinar Series-2 “Tips to get into IIT”

The department of Civil Engineering organized an alumni webinar series-2 on 10th Nov, 2020, at 6:00pm. The talk was delivered by Mr. Geethesh Naiyyalga, M.Tech at IIT Mandi, Himachal Pradesh. He gave details of opportunities in higher studies and the way in which competitive exams like GRE, GATE, GMAT to be taken up. A total of 58 students from final year CV Dept. participated in this webinar. Mr. Prashanth H D was coordinated the event.

Webinar on “Basics of Sketch Up”

The department of Civil Engineering organized an alumni webinar on 24th Nov, 2020, at 12:00pm. The talk was delivered by Ms. Lavanya A P, CADD Engineer, CADD Centre Mangalore. She gave details of Google SketchUp software for 3D and 2D modeling. Resource person has said that thousands of professionals in architecture, construction, engineering, commercial interiors, light construction, kitchen & bath design, urban planning, game design, film & stage, woodworking, and plenty of other fields use SketchUp all the time, every day. It's the allpurpose antidote to complicated, expensive CAD software. A total of 69 students of CV Dept. participated in this webinar. Mr. Prashanth H D was coordinated the event.



Webinar On “Project Management Techniques and Quantity Surveying Using Primavera And Costx Tools”

The department of Civil Engineering organized an alumni webinar on 11th Dec, 2020, at 11:30am. The talk was delivered by Er. Janardhan Kumar, Professional Service Consultant, M/s. Infinity PMC Technologies, Bengaluru.

The speaker discussed about project management techniques and quantity surveying using Primavera and CostX Tools. Resource person has said that Primavera is an enterprise project portfolio management software. Primavera is used in Civil Engineering for project planning and management. It is an easy to use software that focuses on forecasting of project activities, time resource and cost management. Moreover employee responsibility schedule creation, comparison reports etc. can be updated and obtained. A total of 69 students of CV Dept. participated in

this webinar. Mr. Subramanya R M, was coordinated the event.



Webinar on “ Industry Expectations from Fresh Engineers”



The department of Civil Engineering organized an webinar on 30th Dec, 2020, at 11:30am. The talk was delivered by Er. Nagesh Puttaswamy, Zonal Head WT & RMDIT (South) Ultra Tech Cement Ltd. Bangalore. Resource person has said that the skill requirements for any civil engineer job vary widely based on the position. However, every civil engineer should have a strong understanding of industry and government standards, requirements, and guidelines. In addition, civil engineers should have strong analytical thinking, technical writing, and communication skills. A total of 54 students of CV Dept. participated in this webinar. Mr. Subramanya R M, was coordinated the event.

Alumni Online webinar Series-3

The department of Civil Engineering organized an alumni webinar series-3 on 4th January 2021, at 4:00pm. The talk was delivered by Er. Avil Brian Serrao Consulting Engineer & Architectural Designer Brian Consultant, Puttur. He gave details of the rules and regulation framed by town planning authorities covering the requirements of building, ensuring safety of the public through open spaces, minimum size of rooms and height and area limitation, pre-planning of building activity and provisions of by-laws for safety against fire, noise, health hazard and structure failure. A total of 44 students of CV Dept. participated in this webinar. Mr. Prashanth H D , was coordinated the event.

Field visit to MRPL desalination plant, Mangalore

Field visit to MRPL desalination plant, Mangalore organized by Department of Civil Engineering for 5th sem students on 15th January, 2021. Objective of the visit is to understand the desalination technology, the necessary energy, and its production, the environmental impact and measures to neutralize it and the management of the construction and smooth running of the plants. A total 27 students of 5th sem of CV were actively participated and gained the knowledge on desalination plants technology. Prof. Shivaram M S and Prof. Rajesh R, faculties of Civil Engineering accompanied the students during the visit.



Advanced Training Programme on Total Station



The department of Civil Engineering organized a 3 days training program on Total Station for Civil Engineering students and faculty. Resource persons are Er. Anil Heghde, Cadd Centre, Mangalore. The objective of this training was learn Total Station from

basic to advance level and understand site survey procedures and planning workflow. A total of 30 students of CV Dept. participated in this training. Mr. Subramanya R M and Ms. Surekha T, was coordinated the program.



Extensive Survey Project/Camp

The Department of Civil Engineering at organized an extensive survey camp from 23rd to 30th March, 2021 for V semester students at Kodippady, Puttur, D.K. A group of 55 students accompanied by all Civil Engineering Faculty members undertook the survey program. During the camp, the students were asked to complete the projects of Detailed surveying of a new road, Construction of New tank for storing the water and design of a canal, Increasing the height of old tank, Design of water supply and sanitation to the existing and future population. It has helped the students in learning surveying techniques practically, which has instilled in them, the confidence to work with good precision and accuracy in their future industrial field surveys. Ms. Surekha T and Rajesh R, Camp officers took the lead role in arranging the survey camp.