



St. Joseph's College of Engineering
St. Joseph's Group of Institutions
OMR, Chennai – 119.



DEPARTMENT OF CIVIL ENGINEERING
Activities During March-July 2020

Webinars, Workshops Organized by our Department Faculty Members

Dr.K.Vijai

- A workshop on “Construction Management using Primavera P6” was organised on 12.03.2020 for Indian Concrete Institute (ICI) student chapter members. It was supported by CADD CENTRE, Thiruvanniyur, Chennai.Total 42 students attended the workshop. The workshop was focused on Construction management and a hand on training was given to the participants on Primavera P6 software.The workshop coordinated by Prof.S.P.Senthil Kumar and supported by Dr.K.Vijai and Mrs.S.Supriya.
- Er.G.T.Koteeswaran, Deputy Manager, CBRE South Asia Pvt Ltd, Chennai has delivered a Webinar on the topic “Project Management in Construction – An Industry approach” on 06.06.2020.
- Dr.P.Selvachandran, Principal Structural Engineer, MOTT MACDONALD, Chennai has delivered a Webinar on the topic “Challenges in Deep Underground Structures” on 20.06.2020.
- Dr.R.Rathan Raj, Faculty in Department of Civil and Environmental Engineering has delivered a Webinar on the topic “Prefab Construction – Building the future” on 15.07.2020.

Mr.S.P.Senthil Kumar

- Er.S.Shankar, Engineering Consultant, L&T Infrastructures Engineering Ltd., Chennai has delivered a Webinar on the topic “Earthquake Resistant Design of Structures” on 29.05.2020.
- A workshop on “Construction Management using Primavera P6” was organised on 12.03.2020 for Indian Concrete Institute (ICI) student chapter members. It was supported by CADD CENTRE, Thiruvanniyur, Chennai.Total 42 students attended the workshop. The workshop was focused on Construction management and a hand on training was given to the participants on Primavera P6 software.The workshop coordinated by Prof.S.P.Senthil Kumar and supported by Dr.K.Vijai and Mrs.S.Supriya.
- A Webinar on the topic “Concrete making and handling at site - A Practical approach” was organized on 13.06.2020.. Er. L S Kannan, JGM & Head Concrete Management Department – B&F IC L&T Construction, Chennai.
- Mr.S.P.Senthilkumar and Mrs.S.Supriya has organized A National Level quiz on “Structural analysis” conducted between 01.07.2020 and 04.07.2020 through Google forms. Quiz covered various important topics of Structural Analysis. Around 150 participants from various parts of our country participated. Participants include students, Faculty members and from industries.Feedbacks from the participants were collected. It showed participants felt it was a great revision of their knowledge on Structural Analysis during this lockdown time. E-certificates were provided to all participants.
- Mr.S.P.Senthilkumar Mrs.P.Padmapriya and Mrs.S.Supriya conducted an online event for school students of class IX,X,XI & XII. The school students were encouraged to participate in the 2 different events named “Poster design” and “Article writing”.

Ms.S.Banupriya	<ul style="list-style-type: none"> Organized Online National Level Technical Quiz Organized on Topic “Geotechnical Engineering” on 22.06.2020 11 A.M to 10.00 P.M. Organized a Webinar titled “Challenges in Implementing Coastal Management” on 11.07.2020 from 11 A.M to 12.30 P.M. through the Google Meet. Mr.S.Pavala Rajan M.Tech.,Chief Executive Officer,Mozoka Environ Consultancy,Salem District delivered the Lecture.
Ms. R. Adlin Rose	<ul style="list-style-type: none"> A 1 and a half hour webinar was conducted for Civil Engineering students of St.Joseph’s College of Engineering, Chennai on June 6, 2020 through Cisco WebEx meeting online from 6 pm to 7:30 pm by Ms.Adlin Rose R. Five Alumni of Civil Engineering namely Mr. M.Subash Kannan (2014 batch), Civil Design Engineer, Aquatherm Consultancy Pvt. Ld. Chennai spoke On Career in the core, Mr. Purushothaman (2014 batch), System Engineer, Infosys spoke On Career in the software, Mr. V. Rajapandivel (2014 batch), Junior Assistant, Highways Department, Cracked TNPSC Group 4 Examinations spoke On Career in the government, Mr. Yashwanth (2015 batch), Cracked GATE 2020 with score 53.8 spoke On Aim through GATE and Mr. P.K.Hariharan (2015 batch) MS in Construction Management, Stevens Institute of Technology, USA spoke On Why abroad studies? for 20 minutes each. Totally 32 students from IV, III and II year of Civil Engineering attended. A 3 Days Webinar Series on topic “Login To Your Dream” was conducted for Civil Engineering students & +2 Completed Students on July 23-25, 2020 through Google Meet online from 11.00 am to 12.30pm. In Day 1 Mr. Mathan Kumar V B.E, MBA, Data Analyst at Google, Hyderabad has delivered about Management Dreams "Job opportunities and Higher Studies in MBA after Engineering", in Day 2 Ms. Deepika Sundar M.E., Research Scholar at Pennsylvania State University, USA (Former PG Engineer with L & T, Project Officer with IITM, Scientific Assistant with ETH Zurich, Switzerland) has delivered about Abroad Dreams "Abroad Higher Studies and Job opportunities in Civil Engineering" and in Day 3 Mr. R.Sugumar M.E., Scientist/Engineer-SC (CIVIL), GATE Scorer ,Vikram Sarabhai Space Centre,Indian Space Research Organisation, Department of Space, GOI, Thiruvananthapuram has delivered about Central & State Government Job Dreams "Civil Engineering Government Job opportunities, Competitive exams and Higher Studies in India". Totally 100+ participants were attended the webinar series.
Mr. S.Thangaperumal	<ul style="list-style-type: none"> A Webinar on topic “Concreting Extraterrestrial Space” was organized using Google meet app on 18.06.2020 from 11.00 am to 12.30pm. Bharath Melugiri-Shankaramurthy, Iowa State University, USA delivered the webinar. A Webinar on topic “Special Concretes” was organized using Google meet app on 21.07.2020 from 11.00 am to 12.30pm. Deepika Sundar, PennState University, USA delivered the webinar. A 3 Days Webinar Series on topic “Login To Your Dream” was conducted for Civil Engineering students & +2 Completed Students on July 23-25, 2020 through Google Meet online from 11.00 am to 12.30pm. In Day 1 Mr. Mathan Kumar V B.E, MBA, Data Analyst at Google, Hyderabad has delivered about Management Dreams "Job opportunities and Higher Studies in MBA after Engineering", in Day 2 Ms. Deepika Sundar M.E., Research Scholar at Pennsylvania State University, USA (Former PG Engineer with L & T, Project Officer with IITM, Scientific Assistant with ETH Zurich, Switzerland) has delivered about Abroad Dreams "Abroad Higher Studies and Job opportunities in Civil Engineering" and in Day 3 Mr. R.Sugumar M.E., Scientist/Engineer-SC (CIVIL), GATE Scorer ,Vikram Sarabhai Space Centre,Indian Space Research Organisation, Department of Space, GOI, Thiruvananthapuram has delivered about Central & State Government Job Dreams "Civil Engineering Government Job opportunities, Competitive exams and Higher Studies in India". Totally 100+ participants were attended the webinar series.
Ms.R.Ruthra	<ul style="list-style-type: none"> Organized Online National Level Technical Quiz Organized on Topic “Geotechnical Engineering” on 22.06.2020 11 A.M to 10.00 P.M. Organized a Webinar titled “Challenges in Implementing Coastal Management” on 11.07.2020 from 11 A.M to 12.30 P.M. through the Google Meet. Mr.S.Pavala Rajan M.Tech.,Chief Executive Officer,Mozoka Environ Consultancy,Salem District delivered the Lecture.

Mr. P. Sri Balaji	<ul style="list-style-type: none"> ● Organized a Webinar titled “Challenges faced by Site Engineers” on 11.06.2020 from 11 A.M to 12.30 P.M. Er.H.Siddharth,Project Engineer, Poullaidas Construction Company, Kingdom of Bahrain ● Organized a Webinar titled “Challenges in Implementing Coastal Management” on 11.07.2020 from 11 A.M to 12.30 P.M. through the Google Meet. Mr.S.Pavala Rajan M.Tech.,Chief Executive Officer,Mozoka Environ Consultancy,Salem District delivered the Lecture.
Mrs. P.Padmapriya	<ul style="list-style-type: none"> ● Organised a Technical webinar was conducted on the topic 5S Principles on Industrial Safety and Environmental management on June 17,2020 from 11 A.M to 12.30 P.M. ● Mr.S.P.Senthilkumar, Mrs.P.Padmapriya and Mrs.S.Supriya conducted an online event for school students of class IX,X,XI & XII. The school students were encouraged to participate in the 2 different events named “Poster design” and “Article writing”. 10 days’ time was given for the students to show their creativity and express their talent. Winner were recognised for their work by providing small gifts through Amazon delivery and also by providing E certificate to all the participated students.
Mrs.S.Supriya	<ul style="list-style-type: none"> ● A workshop on “Construction Management using Primavera P6” was organised on 12.03.2020 for Indian Concrete Institute (ICI) student chapter members. It was supported by CADD CENTRE, Thiruvanmiyur, Chennai.Total 42 students attended the workshop. The workshop was focused on Construction management and a hand on training was given to the participants on Primavera P6 software.The workshop coordinated by Prof.S.P.Senthil Kumar and supported by Dr.K.Vijai and Mrs.S.Supriya. ● Mrs.S.Supriya and Mr.S.P.Senthilkumar organized A National Level quiz on “Structural analysis” was conducted between 01.07.2020 and 04.07.2020 through Google forms. Quiz covered various important topics of Structural Analysis. Around 150 participants from various parts of our country participated. Participants include students, Faculty members and from industries.Feedbacks from the participants were collected. It showed participants felt it was a great revision of their knowledge on Structural Analysis during this lockdown time. E-certificates were provided to all participants. ● Mr.S.P.Senthilkumar, Mrs.P.Padmapriya and Mrs.S.Supriya conducted an online event for school students of class IX,X,XI & XII. The school students were encouraged to participate in the 2 different events named “Poster design” and “Article writing”. 10 days’ time was given for the students to show their creativity and express their talent.

Webinars, STTPs, FDPs, NPTEL Course, Attended by our Faculty Members

Dr.K.Vijai	<ul style="list-style-type: none">● Completed 12 weeks NPTEL Course titled “Maintenance and Repair of Concrete Structures” during April 2020.● Attended a webinar titled “Performance of High Strength Concrete” on 12.05.2020 organized by ICI, Bengaluru Centre.● Attended a webinar titled “Forensic Structural Engineering” on 23.05.2020 organized by Department of Civil Engineering, SVCE, Sriperumbudur, Tamilnadu.● Attended a webinar titled “Light weight Concrete” on 27.05.2020 organized by Department of Civil Engineering, SVCE, Sriperumbudur, Tamilnadu.● Attended an AICTE Sponsored five days short term program on “Advanced Construction Technology” organized by NITTTR, Chandigarh during 18.05.2020 to 22.05.2020.● Attended a webinar titled “Role of Admixture in Precast Concrete and its Applications” on 08.06.2020 organized by Department of Civil Engineering, SVCE, Sriperumbudur, Tamilnadu● Attended a webinar titled “Basics of Precast Construction and Technology” on 08.06.2020 organized by Department of Civil Engineering, SVCE, Sriperumbudur, Tamilnadu● Attended a webinar titled “Introduction to Post – Tensioned Concrete Structures” on 19.06.2020 organized by Department of Civil Engineering, SVCE, Sriperumbudur, Tamilnadu.● Attended an AICTE recognized online FDP on “Clean and Green Technologies for Sustainable Development” organized by NITTTR, Chandigarh during 25.07.2020 to 29.07.2020.● Attended a webinar titled “Introduction to Green Homes” on 24.07.2020 organized by Department of Civil Engineering, SVCE, Sriperumbudur, Tamilnadu● Attended a webinar titled “Plastic Waste Management” on 26.07.2020 organized by Department of Civil Engineering, SVCE, Sriperumbudur, Tamilnadu
Mr. S.P.Senthil Kumar	<ul style="list-style-type: none">● Attended a webinar on “Application of Fibre Reinforced Polymer Composites in Civil Engineering” on 26.05.20 organized by S.A.Engineering College,Chennai.● Attended 3 days online FDP on “Behaviour of Structural Systems - Bridging the gap between Theory & Real-time practice” held from 22.05.2020 to 24.05.2020 organized by Mohamed Sathak AJ College of Engineering,Siruseri,Chennai● Attended Five days webinar on “Indian Seismic Codes IS 1893:2016 & IS 13920:2016” conducted from 18.05.2020 to 22.05.2020 organized by R.M.K.Engineering College,Kavaraipettai.Has secured 76% in Assessments conducted in the webinar.● Attended the Webinar Series on “Durability of Reinforced Concrete Structures” organized by the Department of Civil Engineering, School of Infrastructure, B.S. Abdur Rahman Crescent Institute of Science & Technology in association with M/s. Hitech Concrete Solutions Chennai Pvt Ltd, Chennai on 28.05.2020.● Attended the webinar on “Basic Concepts Of Planning And Design Of Bridges” organized by Department of Civil Engineering, Easwari Engineering College on 26th May 2020.● Attended Three Days online FDP on “Geospatial Applications in Water Resources” by Department of Civil Engineering, St.Joseph's Institute of Technology, Chennai from 15th June to 17th June 2020.

	<ul style="list-style-type: none"> ● Attended a webinar titled “Basics of Precast Construction and Technology” on 08.06.2020 organized by Department of Civil Engineering, SVCE, Sriperumbudur, Tamilnadu ● Attended a webinar titled “5S Principles on Industrial Safety and Environmental management” conducted by Department of Civil Engineering, St.Joseph's College of Engineering, Chennai on 17 June, 2020. ● Participated a webinar on “International metro project construction methodology an overview” organized by Jaya Engineering college, Chennai on 10.06.2020 ● Attended a webinar on "Cementing extraterrestrial space" Organised by Department of Civil Engineering, St. Joseph's College of Engineering, 18 June 2020 ● Attended a webinar on the topic “Project Management in Construction – An Industry approach” Organised by Department of Civil Engineering, St. Joseph's College of Engineering, 06 June 2020 ● Attended a webinar on the topic “Challenges in Deep Underground Structures” Organised by Department of Civil Engineering, St. Joseph's College of Engineering,20 June 2020. ● Attended an Online Webinar Programme on “Seismic Analysis Methods - ESA and RSA” organised by the Department of Civil Engineering,St.Joseph’s Institute of Technology,Chennai on 25.6.2020. ● Participated in a webinar on “Challenges Faced by Site Engineers” Organized by Department of Civil Engineering,St. Joseph's College of Engineering,Chennai on 11th June 2020. ● Attended a webinar on the topic “IMPLEMENTATION OF SAFETY IN CONSTRUCTION PRACTICES” Organised by Department of Civil Engineering,Rajalakshmi Engineering College, Chennai. on 3rdJuly 2020. ● Attended a FDP on Innovation in Civil Engineering and Concrete Technology (ICECT) organized by Department of Civil Engineering SRM Institute of Science and Technology,Chennai between 13th July to 17th July 2020 ● Attended a webinar on the topic “Microstructural Analysis on Cement Paste using SEM” Organised by Department of Civil Engineering,SRM Institute of Science and Technology Chennai on 11th July 2020. ● Attended a webinar on the topic “QUALITY MANAGEMENT IN CONSTRUCTION” Organised by Department of Civil Engineering,St. JOSEPH’S INSTITUTE OF TECHNOLOGY Chennai Chennai on 18th July 2020.
<p>Ms.S.Banupriya</p>	<ul style="list-style-type: none"> ● Completed a 4 weeks NPTEL Course titled “ Introduction to Geographic Information Systems “ during April 2020. ● Completed a 4 weeks NPTEL Course titled “ Electronic Waste Management - Issues and Challenges “ during April 2020. ● Attended an AICTE recognized five days Faculty Development Programme on “Green and Intelligent Buildings” organized by NITTTR, Chandigarh during 14.04.2020 to 18.04.2020. ● Attended an Online workshop on “Recent Advances in Science & Technology of Concrete by IIT Madras, during 02.05.2020. ● Participated in the Online AICTE Recognized Faculty Development Programme on Climate Change, Disaster and Pandemic Management: Technological Interventions for Sustainable Development from 20-04-20 to 24-04-20 (One Week) Organized by Rural Development Department NITTTR, Chandigarh.

- Attended an National Workshop on Recent Advances in Geotechnics for Infrastructure (RAGI 2020) organized by IGC Bangalore and The Ramco Cements Ltd during 17.05.2020
- Attended a webinar on “Application of Fibre Reinforced Polymer Composites in Civil Engineering” on 26.05.20 organized by S.A.Engineering College,Chennai.
- Attended a webinar titled “Various Reinforced Soil Walls and Slope Systems” on 15.05.2020 organized by Indian Geotechnical Society,Silchar Chapter.
- Attended a webinar titled “Exposures to different types of Irrigation Structures” on 15.05.2020 organized by M.A.M. College of Engineering and Technology, Trichy
- Attended a webinar titled “Faecal Sludge Management; Indian Scenario & Way Forward” on 19.05.2020 organized by K. D. K. College of Engineering, Nagpur.
- Attended a webinar titled “Guidelines for Writing a Research Paper” on 22.05.2020 organized by Arasu Engineering College,Kumbakonam.
- Participated in E QUIZ on “Piles – Raft Foundations for High – Rise Buildings: Sustainability and Future Directions” on 21.05.2020 organized by Saveetha Engineering College,Chennai.
- Attended a webinar titled “Detailing of Reinforcements – Do’s and Dont’s” on 06.05.2020 organized by Adithya Institute of Technology & Association of Consulting Engineers, Coimbatore.
- Attended a five days short term program on “Smart Sustainable Cities” organized by NITTTR, Chandigarh during 25..05.2020 to 29.05.2020.
- Attended an 'Indo-China Research Webinar Series in Civil and Environmental Engineering' during 8-19-May 2020, jointly initiated by faculties from Shantou University, China, Vardhaman College of Engineering, Hyderabad, Indian Geotechnical Society, Surat Chapter, and School of Civil Engineering Qingdao University of Technology, China.
- Attended a webinar titled “Latest Trends & Technologies in Water Proofing” on 05.05.2020 organized by Indian Concrete Institute - Bangalore Centre .
- Attended a webinar titled “Piles in Soft clay-Field Experience” on 03.05.2020 organized by Indian Geotechnical Society, Guntur Chapter.
- Attended a webinar titled “Piles – Raft Foundations for High – Rise Buildings: Sustainability and Future Directions” on 21.05.2020 organized by Saveetha Engineering College,Chennai.
- Attended a webinar titled “Energy Management in Educational Institutions” on 29.05.2020 organized by Thiagarajar College of Engineering,Madurai.
- Attended a webinar titled “Sustainable Perspectives of Sewage Treatment - A Pandemic Warrior” on 23.05.2020 organized by Chalapathi Institute of Technology,Guntur.
- Attended a webinar titled Earthquake Resistant Design of Structures” on 29.05.2020 organized by St.Joseph's College of Engineering,Chennai
- Attended One Week online FDP on “Research Trends in Civil Engineering” held from 03.06.2020 to 08.06.2020 organized by St.Xavier’s Catholic College of Engineering,Nagercoil.
- Attended a Three Days Online FDP on “Recent Advancement in Civil Engineering” held from 22.06.2020 to 24.06.2020 organized by S.A Engineering College,Chennai
- Attended a webinar titled “New Age Concrete-Self Compacting Concrete” on 06.06.2020 organized by Kamala Institute of Technology and Science,Telangana.

- Attended a webinar titled “Aim and Planning of In-situ Testing in Concrete Structures” on 06.06.2020 organized by K. D. K. College Of Engineering, Nagpur.
- Participated in E QUIZ on “Civil Engineering - Technical Quiz Series - Building Materials & Construction” on 08.06.2020 organized by Rajalakshmi Engineering College, Chennai.
- Participated in a Webinar on “Rockfall and its Mitigation” on 12.06.2020 organized by Indian Geotechnical Society, Silchar Chapter.
- Participated in a Webinar on “Recent Trends in Concrete Technology and Admixtures” on 13.06.2020 organized by Rajalakshmi Engineering College, Chennai.
- Attended a Webinar on “Necessity of Seismic Response Assessment for Geotechnical Site” on 14.06.2020 organized by Indian Geotechnical Society, Silchar Chapter.
- Attended Three Days online FDP on “Geospatial Applications in Water Resources” by Department of Civil Engineering, St. Joseph's Institute of Technology, Chennai from 15th June to 17th June 2020.
- Attended a Webinar on “Opportunities for Civil Engineers in Transportation Engineering Field” on 18.06.2020 organized by Industry Institute Interaction Cell of AISSMS's College of Engineering, Pune.
- Attended a Webinar on “Water Distribution Network Models using EPANET” on 19.06.2020 organized by Bapatla Engineering College, Andhra Pradesh.
- Attended a Webinar on “Research Paper To Patent Filing – A Road Map” on 25.06.2020 organized by Vels University, Chennai.
- Attended a five days Webinar Series on “Advances in Building Technology” organized by CSIR-CENTRAL BUILDING RESEARCH INSTITUTE, ROORKEE during June 01-05, 2020.
- Completed 4 days of NASA's Applied Remote Sensing Training Program (ARSET) on “Forest Mapping and Monitoring with SAR Data “ by NASA during May 12, 14, 19 & 21, 2020.
- Attended a Webinar on “Application of Geospatial Techniques in Hydrology” on 04.07.2020 organized by National Institute of Hydrology, Bhopal
- Completed Five Days Outreach Programme on “Satellite Photogrammetry and its Application” conducted by Indian Institute of Remote Sensing (IIRS), ISRO Dehradun during 01.07.2020 to 05.07.2020.
- Participating in the International webinar on “RAGeo-RP”, held during July 01-10, 2020 organized by Department of Civil and Environmental Engineering, IIT Patna in association with Indian Geotechnical Society (IGS) Bihar & Jharkhand Chapter; Nepal Geotechnical Society (NGS) and Centre for Earthquake Engineering Research (CEER), IIT Patna
- Participating in E-Quiz on Soil Mechanics and Foundation Engineering” Organized by MEENAKSHI COLLEGE OF ENGINEERING, Department of Civil Engineering from 09-07-2020 to 11-07-2020.
- Attended Online International Webinar on “QUALITY MANAGEMENT IN CONSTRUCTION” organised by the St. Joseph's Institute of Technology, Department of Civil Engineering in association with The Institution of Engineers (India), Kancheपुरam Local chapter, on 18.7.2020.
- Attended a Webinar on “Funded Research Projects: Success Practices and Opportunities ” organised by the IET Chennai Network, on 18.7.2020.

	<ul style="list-style-type: none"> ● Attended a Webinar on “Innovation in Education ” organised by the Eswari College of Engineering, Chennai on 21.7.2020. ● Attended a Technical Webinar on ”HYDRO POWER STRUCTURES” by Dr.S.CHRISTIAN JOHNSON, Director/Academics, Erode Sengunthar Engineering College,Perundurai organised by Department of Civil Engineering, on 21.07.2020. ● Attended a Webinar on “Understanding an Metakolin ” organised by Qcrete Redymix PVT Ltd,India on 20.7.2020 ● Attended a webinar on Concrete Structures Protection, Repair & Rehabilitation organized by Tamilnadu College of Engineering, held on 18 July 2020. ● Attended a Webinar on “Highway Infrastructure-Planning and Construction ” organised by Indian Institute of Technology,Jammu on 19.7.2020. ● Attended AICTE Sponsored One Week Online Short term Training Program on Soft Computing Technologies in Civil Engineering:Water Resources,Structures and Transportation Engineering organised by Vishnu Engineering College during 20.07.2020 to 25.07.2020. ● Attended a Webinar on “Ground Improvement Techniques ” organised by Francis Xavier Engineering College,Tamilnadu on 24.7.2020. ● Attended a One Week Webinar Series on “Geotechnical Engineering-Theory and Practices ” organised by Kumaraguru College of Technology ,Tamilnadu from 13.07.2020 to 24.7.2020. ● Completed Five Days Outreach Programme on “Application of Geoinformatics in Ecological Studies” conducted by Indian Institute of Remote Sensing (IIRS), ISRO Dehradun during 13.07.2020 to 24.07.2020. ● Attended a Webinar on“A case study on Alternative Construction Technologies” 29 July, 2020 Organized by Department of Civil Engineering and Engineering Council of India, New Delhi ● Attended a Webinar on “Advanced Characterization and Structural Analysis ” organised by St Joseph’s Institute of Technology on 29.7.2020.
<p>Ms.Adlin Rose R</p>	<ul style="list-style-type: none"> ● Completed a 8 week NPTEL course on Introduction to Accounting for Civil Engineers. ● Completed a 12 week NPTEL course on Geosynthetics and Reinforced soil structures. ● Attended an AICTE Sponsored one week FDP on Research Oriented Project Work Conducted by Curriculum Development Centre Department of NITTTR, Chandigarh during 24/02/2020 to 28/02/2020. ● Attended the webinar on “Geosynthetic Products and its application” organized by Department of Civil Engineering, S.R College of Engineering and Management, Nagpur on 5th May 2020. ● Attended the webinar on “Must know tips for publishing in premium journals” organized by Researcher Academy, Elsevier, Joule, Cell press on 5th March, 2020. ● Attended one week online FDP on Digital Skills for Smart Teaching for the teachers of colleges and universities organised by Department of Education, Annamalai University, from June 12-18, 2020. ● Attended one week online Short term course on Affordable housing, organised by NITTTR, Chandigarh and ICI from 22-26 June, 2020. ● Attended an one week Indo Japan webinar series on Geotechnics in disaster mitigation from 8-13 June, 2020 conducted by Kyusu University, Japan, NIT Surathkal, Indian Geotechnical

Society, Surathkal and IIT, Thirupathi.

- Attended a webinar titled MSME and its schemes conducted by ED Cell, St.Joseph's Group of Institutions, Chennai on 20 June, 2020.
- Attended a webinar titled What is Rockfall and How is it mitigated conducted by Indian Geotechnical Society, Silchar and NIT, Silchar on 12 June, 2020.
- Attended a webinar titled Introduction to Construction Project management services Primavera 6 conducted by Institute of Real Estate and Finance, Pune on 8 June, 2020.
- Attended has attended a webinar titled 5S Principles on Industrial Safety and Environmental management conducted by Department of Civil Engineering, St.Joseph's College of Engineering, Chennai on 17 June, 2020.
- Attended five days FDP titled Recent Trends in Construction Materials and Technology conducted by Department of Civil Engineering, Government College of Technology, Coimbatore from 20 to 24th, July, 2020.
- Attended One Week AICTE Sponsored online STTP on Structural Health Monitoring and Seismic Protection of Structures and Infrastructural Systems(Phase-1) conducted by Banari Amman Institute of Technology from 6 to 11th June, 2020.
- Attended a five days Webinar Series on "Sustainable Building and Future Technologies" organized by CSIR-CENTRAL BUILDING RESEARCH INSTITUTE, ROORKEE during July 13-17, 2020
- Attended a webinar titled Highway Infrastructure: Planning and Construction conducted by Jaypee Institute of Technology, Guna and IIT, Jammu on 19 July, 2020.

Mr.S.Thangaperumal

- Completed 12 weeks NPTEL Course titled "Remote Sensing Essentials" during April 2020.
- Completed 4 weeks NPTEL Course titled "Introduction to Geographic Information System" during April 2020.
- Attended an AICTE Sponsored one week FDP on Research Oriented Project Work Conducted by Curriculum Development Centre Department of NITTTR, Chandigarh during 24/02/2020 to 28/02/2020.
- Attended Three Days online FDP on "Geospatial Applications in Water Resources" by Department of Civil Engineering, St.Joseph's Institute of Technology, Chennai from 15th June to 17th June 2020.
- Attended a webinar titled "Concrete Making and Handling at Site- A Practical approach" conducted by Department of Civil Engineering, St.Joseph's College of Engineering, Chennai on 13 June, 2020.
- Attended a Technical Webinar -International Series-I titled "Emerging Trends in Civil Engineering" conducted by Department of Civil Engineering, Eashwari Engineering College, Chennai from 15th June to 17th June, 2020.
- Attended a webinar titled "5S Principles on Industrial Safety and Environmental management" conducted by Department of Civil Engineering, St.Joseph's College of Engineering, Chennai on 17 June, 2020.
- Attended a webinar titled "Challenges in Deep Underground Structures" conducted by Department of Civil Engineering, St.Joseph's College of Engineering, Chennai on 20 June, 2020.
- Attended an one week Indo Japan webinar series on Geotechnics in disaster mitigation from

8-13 June, 2020 conducted by Kyusu University, Japan, NIT Surathkal, Indian Geotechnical Society, Surathkal and IIT, Thirupathi.

- Attended a Webinar on “Contribution of Civil Engineers to our world and Beyond” organized by MNM Jain Engineering College on July 09,2020.
- Attended five days FDP titled “Recent Trends in Construction Materials and Technology” conducted by Department of Civil Engineering, Government College of Technology, Coimbatore from 20 to 24th, July, 2020.
- Attended One Week AICTE Sponsored online STTP on “Structural Health Monitoring and Seismic Protection of Structures and Infrastructural Systems(Phase-1)” conducted by Banari Amman Institute of Technology from 6 to 11th June, 2020.
- Attended a five days Webinar Series on “Sustainable Building and Future Technologies” organized by CSIR-CENTRAL BUILDING RESEARCH INSTITUTE, ROORKEE during July 13-17, 2020.
- Attended five days FDP titled "Sustainability Aspects and Recent Trends in Civil Engineering-The Future Scenario" conducted by Department of Civil Engineering, BMS Institute of Technology and Management, Bengaluru during July 14 to 18, 2020.
- Participated in "E-Quiz on Transportation Engineering" organised by Menakshi College of Engineering, Chennai from 29-07-2020 to 31-07-2020.
- Attended an one week online Short term course on “Environmental Impact Assessment”, organised by NITTTR, Chennai from 27-31 July, 2020.
- Completed a “21 days online GIS training program using QGIS” organised by Department of Geography, School of Earth Sciences, Central University of Karnataka, Kadaganchi from 13-07-2020 to 02-08-2020.

Ms.R.Ruthra

- Completed a 4 weeks NPTEL Course titled “ Introduction to Geographic Information Systems “ during April 2020.
- Completed a 4 weeks NPTEL Course titled “ Electronic Waste Management - Issues and Challenges “ during April 2020.
- Attended an AICTE recognized five days Faculty Development Programme on “Green and Intelligent Buildings” organized by NITTTR, Chandigarh during 14.04.2020 to 18.04.2020
- Attended have attended an Online workshop on “Recent Advances in Science & Technology of Concrete by IIT Madras, during 02.05.2020
- Attended an AICTE recognized five days Faculty Development Programme on “Environment and Sustainable Development” organized by NITTTR, Chandigarh during 20 .04.2020 to 24.04.2020.
- Participated in E QUIZ on “Environmental Safeguard Challenges in Industries and its Regulations” on 20.05.2020 organized by Saveetha Engineering College,Chennai
- Participated in E QUIZ on” 2020 Advanced Construction Technology ” on 09.05.2020 organized by E.G.S Pillay Engineering College,Nagapattinam.
- Attended a webinar titled “Exposures to different types of Irrigation Structures” on 15.05.2020 organized by M.A.M. College of Engineering and Technology, Trichy
- Attended a webinar titled “Faecal Sludge Management; Indian Scenario & Way Forward” on 19.05.2020 organized by K. D. K. College of Engineering, Nagpur.

- Attended a webinar titled “Guidelines for Writing a Research Paper” on 22.05.2020 organized by Arasu Engineering College, Kumbakonam
- Participated in E QUIZ on “Piles – Raft Foundations for High – Rise Buildings: Sustainability and Future Directions” on 21.05.2020 organized by Saveetha Engineering College, Chennai
- Attended a webinar titled “Pre-Engineered Steel and its connection design details” on 06.05.2020 organized by Adithya Institute of Technology & Association of Consulting Engineers, Coimbatore
- Attended a webinar titled “Detailing of Reinforcements – Do’s and Don’ts” on 06.05.2020 organized by Adithya Institute of Technology & Association of Consulting Engineers, Coimbatore.
- Attended an five days short term program on “Smart Sustainable Cities” organized by NITTTR, Chandigarh during 25..05.2020 to 29.05.2020
- Attended an 'Indo-China Research Webinar Series in Civil and Environmental Engineering' during 8-19-May 2020, jointly initiated by faculties from Shantou University, China, Vardhaman College of Engineering, Hyderabad, Indian Geotechnical Society, Surat Chapter, and School of Civil Engineering Qingdao University of Technology, China.
- Attended a webinar titled “Latest Trends & Technologies in Water Proofing” on 05.05.2020 organized by Indian Concrete Institute - Bangalore Centre
- Attended a webinar titled “Piles in Soft clay-Field Experience” on 03.05.2020 organized by Indian Geotechnical Society, Guntur Chapter
- Attended a webinar titled “Piles – Raft Foundations for High – Rise Buildings: Sustainability and Future Directions” on 21.05.2020 organized by Saveetha Engineering College, Chennai.
- Attended a webinar titled “Energy Management in Educational Institutions” on 29.05.2020 organized by Thiagarajar College of Engineering, Madurai.
- Attended a webinar titled “Sustainable Perspectives of Sewage Treatment - A Pandemic Warrior” on 23.05.2020 organized by Chalapathi Institute of Technology, Guntur.
- Attended a webinar titled Earthquake Resistant Design of Structures” on 29.05.2020 organized by St. Joseph's College of Engineering, Chennai.
- Participated in International webinar on “ Challenges of Climate Changes and Sustainable Development Goals” organised by the Department of Geography, School of Basic and Applied Sciences, Adamas University on 29th June 2020.
- Participated in International webinar on “Successful Preparation of Research Proposal” organised by Department of Civil Engg, Dr.N.G.P IT, Coimbatore on 26-06-2020.
- Participated in Webinar on “Water Distribution Network Models using EPANET” on 19.06.2020 organized by Bapatla Engineering College, Andhra Pradesh.
- Participated in National Level e-Quiz on “Awareness on IPR, Incubation, Entrepreneurship, Design Thinking and Innovation Management, Organised by Institutions Innovation Council (IIC), CMR Technical Campus , Hyderabad from 19-06-2020 to 21-06-2020.
- Participated in the webinar on “ Concrete Making and Handling at Site - A Practical approach organised by Dept of Civil Engg, St. Joseph's College of Engineering, Chennai-119.
- Participated in the webinar on “ Role of AutoCAD in Construction Sector, organised by Dept. of .Civil Engg, Sri Ramakrishna Institute of Technology, Coimbatore on 05.06.2020
- Participated in the webinar on “Current practices in site investigation and ground improvement

techniques”, organised by Dept. of .Civil Engg, Sri Ramakrishna Institute of Technology, Coimbatore on 04.06.2020

- Participated in Developing Sustainable Groundwater Management Strategies organised by Elseviers Engineering & Geoscience Solutions and Bright Talk on June 25th, 2020.
- Completed 4 days NASA’s Applied Remote Sensing Training Program (ARSET) on “ Satellite Remote Sensing for Agricultural Applications “ by NASA.
- Completed 2 week ISRO online course on “ Basic Principles of Remote Sensing Technology” conducted by Indian Institute of on Remote Sensing (IIRS), ISRO Dehradun.
- Attended an five days Webinar Series on “ Advances in Building Technology” organized by CSIR-CENTRAL BUILDING RESEARCH INSTITUTE, ROORKEE during June 01-05, 2020.
- Completed 4 days NASA’s Applied Remote Sensing Training Program (ARSET) on “ Forest Mapping and Monitoring with SAR Data “ by NASA during May 12, 14, 19 & 21, 2020
- Attended a Webinar on “Application of Geospatial Techniques in Hydrology” on 04.07.2020 organized by National Institute of Hydrology, Bhopal
- Completed Five Days Outreach Programme on “Satellite Photogrammetry and its Application” conducted by Indian Institute of Remote Sensing (IIRS), ISRO Dehradun during 01.07.2020 to 05.07.2020.
- Participating in the international webinar on “RAGeo-RP”, held during July 01-10, 2020 organized by Department of Civil and Environmental Engineering, IIT Patna in association with Indian Geotechnical Society (IGS) Bihar & Jharkhand Chapter; Nepal Geotechnical Society (NGS) and Centre for Earthquake Engineering Research (CEER), IIT Patna
- Attended a Webinar on “Highway Infrastructure-Planning and Construction ” organised by Qcrete Redymix PVT Ltd, India on 20.7.2020
- Attended a Webinar on "Risk, Resilience and Pandemic: Planning for a Sustainable Future", organised by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India on 3rd July 2020.
- Attended a Webinar on “Clean water:-The first medicine for life” organised by Department of Civil Engineering Adithya Institute of Technology and Engineering Council of India, New Delhi on 24 July, 2020.
- Attended a Webinar on National Training Program on “Earthquake Risk Mitigation” organised by National Institute of Disaster Management, New Delhi on July 8-10th.
- Attended Online International Webinar on “Quality Management In Construction” organised by the St. Joseph’s Institute of Technology, Department of Civil Engineering in association with The Institution of Engineers (India), Kancheepuram Local chapter, on 18.7.2020.
- Participated in the “World Population Day Quiz 2020” organized by the Department of Geography, School of Basic and Applied Sciences, Adamas University on 11th July 2020.
- Attended a “ National Level Online E-Quiz On Business Environment And International Business” with 84% conducted by the PG Department of Commerce Computer Application, St. Joseph’s College (Autonomous), Tiruchirappalli - 620002 Tamilnadu, held from 12th July 2020 to 18th July 2020.

Mr.P.Sri Balaji

- Completed a 4 weeks NPTEL Course titled “ Introduction to Geographic Information Systems “ during April 2020.
- Attended an AICTE recognized five days Faculty Development Programme on “Green and Intelligent Buildings” organized by NITTTR, Chandigarh during 14.04.2020 to 18.04.2020.
- Attended an Online workshop on “Recent Advances in Science & Technology of Concrete by IIT Madras, during 02.05.2020.
- Attended a webinar titled “Exposures to different types of Irrigation Structures” on 15.05.2020 organized by M.A.M. College of Engineering and Technology, Trichy
- Attended a webinar titled “Faecal Sludge Management; Indian Scenario & Way Forward” on 19.05.2020 organized by K. D. K. College of Engineering, Nagpur.
- Attended a webinar titled “Guidelines for Writing a Research Paper” on 22.05.2020 organized by Arasu Engineering College,Kumbakonam
- Participated in E QUIZ on “Piles – Raft Foundations for High – Rise Buildings: Sustainability and Future Directions” on 21.05.2020 organized by Saveetha Engineering College,Chennai
- Attended a webinar titled “Pre-Engineered Steel and its connection design details” on 06.05.2020 organized by Adithya Institute of Technology & Association of Consulting Engineers, Coimbatore
- Attended a webinar titled “Detailing of Reinforcements – Do’s and Don’ts” on 06.05.2020 organized by Adithya Institute of Technology & Association of Consulting Engineers, Coimbatore.
- Attended an five days short term program on “Smart Sustainable Cities” organized by NITTTR, Chandigarh during 25..05.2020 to 29.05.2020
- Attended an 'Indo-China Research Webinar Series in Civil and Environmental Engineering' during 8-19-May 2020, jointly initiated by faculties from Shantou University, China, Vardhaman College of Engineering, Hyderabad, Indian Geotechnical Society, Surat Chapter, and School of Civil Engineering Qingdao University of Technology, China.
- Attended a webinar titled “Latest Trends & Technologies in Water Proofing” on 05.05.2020 organized by Indian Concrete Institute - Bangalore Centre
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- Attended a webinar titled “Piles – Raft Foundations for High – Rise Buildings: Sustainability and Future Directions” on 21.05.2020 organized by Saveetha Engineering College,Chennai.
- Attended a webinar titled “Energy Management in Educational Institutions” on 29.05.2020 organized by Thiagarajar College of Engineering,Madurai.
- Attended a webinar titled “Sustainable Perspectives of Sewage Treatment - A Pandemic Warrior” on 23.05.2020 organized by Chalapathi Institute of Technology,Guntur.
- Attended a webinar titled Earthquake Resistant Design of Structures” on 29.05.2020 organized by St.Joseph's College of Engineering,Chennai.
- Attended an five days Webinar Series on “ Advances in Building Technology” organized by CSIR-CENTRAL BUILDING RESEARCH INSTITUTE, ROORKEE during June 01-05, 2020.

Mrs. P.Padmapriya	<ul style="list-style-type: none">● Attended online Workshop on "Sustainability in Buildings and built environment as per NBC 2016" organized by "Bureau of Indian Standards,New Delhi, The Ramco Cements Limited &Association of Structural & Geotechnical Consultants,Kerala". 12.06.2020.● Attended an one week Indo Japan webinar series on Geotechnics in disaster mitigation from 8-13 June, 2020 conducted by Kyusu University, Japan, NIT Surathkal, Indian Geotechnical Society, Surathkal and IIT, Thirupathi.● Attended a webinar titled Introduction to Construction Project management services Primavera 6 conducted by Institute of Real Estate and Finance, Pune on 8 June, 2020.● Attended a webinar on "Challenges in implementing coastal management" Organised by Department of Civil Engineering, St. Joseph's College of Engineering, 11 July 2020● Attended a webinar on "Cementing extraterrestrial space" Organised by Department of Civil Engineering, St. Joseph's College of Engineering, 18 June 2020● Attended a webinar titled "Concrete Making and Handling at Site- A Practical approach"conducted by Department of Civil Engineering, St.Joseph's College of Engineering, Chennai on 13 June, 2020.
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Conferences Attended/Papers Published by our Faculty Members

- Prof.S.P.Senthil Kumar, Mr.A.Vignesh, Mr.A.Vijairam presented the paper titled “Thermal behaviour of concrete using phase change material and strengthening by basalt fiber” in 8th International Conference on Contemporary Engineering and Technology 2020 organized by ORGANIZATION OF SCIENCE AND INNOVATIVE ENGINEERING & TECHNOLOGY (OSIET) & Prince Shri Venkateshwara Padmavathy Engineering College,Chennai conducted on 14.03.2020 to 15.03..2020
- Prof.S.P.SenthilKumar, Mr.Sakthivelu, Mr.Sriharish presented the paper titled “Experimental study on Egg shell powder as partial replacement of cement in Permeable concrete” in 8th International Conference on Contemporary Engineering and Technology 2020 organized by ORGANIZATION OF SCIENCE AND INNOVATIVE ENGINEERING & TECHNOLOGY (OSIET) & Prince Shri Venkateshwara Padmavathy Engineering College,Chennai conducted on 14.03..2020 to 15.03.2020
- Adlin Rose R, BP Jain, D Ramya and M.Nila have published a paper ‘Performance of Contaminated Soil blended with Sodium Silicate’ in Silicon, Springer Nature , ISSN:1876-990X, March 2020.
- Adlin Rose R, Selvarajan V and Ranjith Kumar G M have published a paper on “Swelling and shrinkage Characteristics of soils with Calcium Chloride” in the proceedings of 5th International Conference on Recent Advancements in Chemical, Energy and Environmental Engineering (RACEEE 2020) conducted by SSN College of Engineering, 13th February, 2020.
- S.Thangaperumal, Cyril Magimai Antoz A and Shivaharan R has published a paper as a title 'Marina Shoreline Change Detection Using Remote Sensing and GIS' in International Journal of Civil Engineering & Technology (IJCET), Volume 11, Issue 3, March 2020, pp. 85-96 [Scopus Indexed].
- S.Thangaperumal, Muthu Maneckam.N, Nachiappan.G has published a paper as a title ‘Urban Growth Assessment of Chennai District by Remote Sensing and GIS Techniques’ in ‘International Journal of Recent Technology and Engineering (IJRTE)’, ISSN: 2277-3878 (Online), Volume-8 Issue-6, March 2020. Page No.: 5119-5125[Scopus Indexed].
- S.Thangaperumal, A.M. Jagadish, S. Sriram has published a paper as a title ‘Watershed Delineation of Rivers in Karaikal District using Remote Sensing and GIS Technique’ in ‘International Journal of Innovative Technology and Exploring Engineering (IJITEE)’, ISSN: 2278-3075 (Online), Volume-9 Issue-7, May 2020, Page No. 237-242[Scopus Indexed].
- Ms.S.Banupriya, K T Murali Krishnan , K Pragatheeswaran, K P Naresh Kumaran presented the paper titled EXPERIMENTAL STUDY ON PERVIOUS CONCRETE USING RECYCLED AGGREGATES in 8th International Conference on Contemporary Engineering and Technology 2020 organized by ORGANIZATION OF SCIENCE AND INNOVATIVE ENGINEERING & TECHNOLOGY (OSIET) & Prince Shri Venkateshwara Padmavathy Engineering College,Chennai conducted on 14.03.2020 to 15.03..2020
- T.Divya Bharathi, Ms.S.Banupriya and Mr.P.Sri Balaji presented the paper titled “Improving The Shear Strength Behaviour Of Soil Using Rubber Tyre Waste” in Two Day International E-Conference on “Novel Innovations and Sustainable Development in Civil Engineering (NISDCE’20)”during June 13-14, 2020. organized by Department of Civil Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology,Chennai.
- P.Sribalaji, S. Banupriya, R.Ruthra have published a paper “Effect of Natural Fibers Composites as Soil Stabilizer on Flexible Pavement Design” in International Journal of Innovative Technology and Exploring Engineering (IJITEE),ISSN: 2278-3075, Volume-9 Issue-5, March 2020.

- Ramprakash D, Vishnu M and Ms. R.Ruthra presented the paper titled “Strength Investigation on Stabilised Soil using Quarry Dust (QD) and Phosphogypsum (PG) ” in Two Day International E-Conference on “Novel Innovations and Sustainable Development in Civil Engineering (NISDCE’20)”during June 13-14, 2020. organized by Department of Civil Engineering Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology,Chennai.

- R. Ruthra, K. Manisha, G. Dharsiha have published a paper “Utilisation of Seasand as Partial Replacement of Fine Aggregate to Strengthen the Concrete”in International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-9 Issue-5, March 2020.

- Mr. P. Sri Balaji, R. Abisheck Jebanesan, Idash Lord Win, Binuanarayanan presented the paper titled on Study on Strength Characteristics of Concrete Using Steel Fibre along with Plastic Fibre on International Conference on Triple Helix Ecosystem for Earth, Environment and Energy THE3E 2020 organized by Department of Civil Engineering PSG Institute of Technology and Applied Research, Neelambur, Coimbatore In association with Glasgow Caledonian University, Scotland & Deakin University, Australia Sponsored by Department of Science & Technology Science and Engineering Research Board held on March 18-19,2020.

- Ms. R. Ruthra, Ramprakash, Vishnu presented the paper titled on “Strength Investigation on Stabilised Soil using Quarry Dust (QD) and Phosphogypsum (PG) “on International Conference on Triple Helix Ecosystem for Earth, Environment and Energy THE3E 2020 organized by Department of Civil Engineering PSG Institute of Technology and Applied Research, Neelambur, Coimbatore In association with Glasgow Caledonian University, Scotland & Deakin University, Australia Sponsored by Department of Science & Technology Science and Engineering Research Board held on March 18-19,2020.

- Ms. R. Ruthra, presented the paper titled on Ecosystem Based Resource Management involving the Community in Pulicat Lake- A Case Study on International Conference on Triple Helix Ecosystem for Earth, Environment and Energy THE3E 2020 organized by Department of Civil Engineering PSG Institute of Technology and Applied Research, Neelambur, Coimbatore In association with Glasgow Caledonian University, Scotland & Deakin University, Australia Sponsored by Department of Science & Technology Science and Engineering Research Board held on March 18-19,2020.

- Mrs. P. Padmapriya, presented a paper Entitled “Productivity and Bioenergy Potential Assessment of Microalgae from Waste Stabilization ponds” in International Conference on Technological advancements in Materials, Design, Manufacturing and Energy Sectors (ICTAMDMS’20) conducted by St. Joseph’s College of Engineering, AICTE sponsored.

- Mrs.P.Padmapriya has published a paper titled, "Treatment of Secondary treated sewage by Electrolytic method", International journal of innovative research in science, Engineering and technology(IJRSET),Volume 9,issue 6,June 2020

- Mrs.P.Padmapriya, Raajkumar AK, Pradeep S, has published a paper titled, "Utilization of paper waste for the production of organic compost", International journal of innovative research in science, Engineering and technology(IJRSET),Volume 9,issue 6,June 2020