

## Departmental Newsletter (July-December, 2020)

### Department of CE, PVPSIT

#### 1. Workshops/Seminars/Guest Lectures/Training Programs/Symposiums organized:

##### The department of Civil Engineering organized ---

- i. An online webinar on “Finite Element Approaches to Modeling Fracture and Damage in Concrete Structures” for the students of CE on 22<sup>nd</sup> July, 2020. Resource person: Dr.Amirtham Rajagopal, Associate Professor, Civil Engineering Department, IIT Hyderabad. Coordinator: Ms.K.Divya.
- ii. An online webinar on “Developments in Urban Transportation Planning” for the students of CE on 13<sup>th</sup> July, 2020. Resource person: Dr.C.S.R.K.Prasad, Professor, NIT Warangal, Telangana. Coordinator: Dr.K.Shyam Prakash.
- iii. An online webinar on “Geopolymer concrete applications, challenges and opportunities” for the practitioners and students of CE on 28<sup>th</sup> July, 2020. Resource person: Dr.R.V.Ranganath, Professor, BMS College of Engineering, Bangalore. Coordinator: Dr.V.Jagadish.
- iv. An online national level quiz on “Strength of materials” for the students of CE during 18<sup>th</sup> to 24<sup>th</sup> July, 2020. Coordinator: Mr.K.N.A.G.K.Manikanta.
- v. An online national level quiz on “Transportation Engineering-1” for the students of CE during 23<sup>rd</sup> to 28<sup>th</sup> July, 2020. Coordinator: Dr.K.Shyam Prakash.
- vi. An online national level quiz on “Transportation Engineering-2” for the students of CE during 28<sup>th</sup> July to 03<sup>rd</sup> August, 2020. Coordinator: Dr.K.Shyam Prakash.
- vii. An online webinar on “Urban Transportation planning” for the students of CE on 16<sup>th</sup> September, 2020. Resource person: Mr.P.Gopalam, Alumni pursuing M.Tech in Transportation Engineering at NIT Agartala. Coordinators: Mr.K.V.Subash and Ms.K.Divya
- viii. An online webinar on “Emerging Trends in Transportation Engineering (ETTE)” for the students of CE on 15<sup>th</sup> September, 2020. Resource persons: Mr.B.Bhaskar, Senior Engineer, Mott MacDonald Ltd., Kingdom of Bahrain and Mr.V.N.V.Sumanth, Team Lead, Dar SSH Engg. Consultant, Kingdom of Bahrain. Coordinator: Dr.K.Shyam Prakash.

- ix. An AICTE sponsored STTP (Phase-II) on “Effective Engineering Teaching practices” for academicians and practitioners in association with NITTTR, Chennai during 23<sup>rd</sup> to 28<sup>th</sup> November, 2020. Resource persons: Faculty of NITTTR, Chennai. Coordinators: Dr.K.Ramesh and Dr.V.Jagadish.



- x. An online webinar on “Hydroponics” for the students of CE in association with IGBC Student Chapter, PVPSIT on 23<sup>rd</sup> December, 2020. Resource persons: Er.M.Krishna Mohan Rao, Retd., R&B Engineer. Coordinator: Dr. V.Jagadish
- xi. An online webinar on “Durability of Concrete” for the students of CE in association with ICI Student Chapter, PVPSIT on 21<sup>st</sup> December, 2020. Resource persons: Er.K.Venkataraman, RH, Technical Services, UltraTech, Vijayawada. Coordinators: Ms.K.Prasanthi and Dr. V.Jagadish.

## 2. Papers presented in Seminars/Conferences/Symposiums by the faculty:

- i. Mr.K.V.Subash, presented a paper titled, “Pattern recognition neural network model for experimental based compressive strength graded self compacting concrete” in the *International Conference on Advanced Materials Behaviour & Characterization* organized by Mattest Research Academy, Chennai during 18<sup>th</sup> to 23<sup>rd</sup> July 2020.
- ii. Ms.G.V.R.Kumari, presented a paper titled, "Geospatial Analysis of the Environment Pollutant Kolleru Lake water by Using Remote Sensing & GIS-A Model Study" in the *First International Conference on Sustainable Infrastructure with Smart Technology for Energy and Environmental Management* organized by BIT Sathyamangalam, Erode, Tamil Nadu on 03<sup>rd</sup> and 4<sup>th</sup> September 2020.
- iii. Dr.V.Jagadish, presented a paper titled, “Precast bamboo reinforced furniture elements using self-compacting concrete” in the *International Conference on Materials and Structures (ICMMS) 2020* organized by National Institute of Technology, Calicut on 14<sup>th</sup> and 15<sup>th</sup> July 2020.

- iv. Dr.V.Jagadish, presented a paper titled, “Sustainable bamboo housing for earthquake prone areas” in the *First International Conference on Sustainable Infrastructure with Smart Technology for Energy and Environmental Management* organized by BIT Sathyamangalam, Erode, Tamil Nadu on 03<sup>rd</sup> and 4<sup>th</sup> September 2020.
- v. Dr.V.Jagadish, presented a paper titled, "Bio composites and their application in Civil Engineering- An Overview " in the *International Conference on Smart Technologies for Energy, Environment & Sustainable Development* organized by G H Rasoni College of Engineering, Nagpur on 4<sup>th</sup> and 5<sup>th</sup> December 2020.
- vi. Dr.V.Jagadish, presented a paper titled, "Thermal Comfort studies of residential building models in Vijayawada" in the *International Conference on Civil Engineering Trends and Challenges for Sustainability* organized by NMAM Institute of Technology, Karnataka on 22<sup>nd</sup> and 23<sup>rd</sup> December 2020.
- vii. Dr.V.Jagadish, Dept of CE, presented a paper titled, “Experimental Investigations on utilization of bagasse ash in adobe bricks” in the *International Conference on Civil Engineering Trends and Challenges for Sustainability* organized by NMAM Institute of Technology, Karnataka on 22<sup>nd</sup> and 23<sup>rd</sup> December 2020.
- viii. Dr.V.Jagadish, presented a paper titled, “Performance of Ternary Blended Concrete by Substitution of Cement with GGBS and Silica Fume” in the *International Conference (ICRDSI) 2020* organized by School of Civil Engineering, Kalinga Institute of Industrial Technology (KIIT), Orissa during 19<sup>th</sup> to 21<sup>st</sup> December 2020.

### **3. Workshops/Seminars/Faculty Development Programmes attended by the faculty:**

#### **a) Seminars/Webinars:**

- i. Mr.K.V.Subash participated in Dr.APJ Abdul Kalam Global Webinar on “Impact of Covid-19 on the development of rural economy-challenges and opportunities” conducted by JNTU Anathapuramu and Lead India foundation on 27<sup>th</sup> July 2020.
- ii. Mr.K.V.Subash participated in International Webinar on “Demand Capacity ratio for seismic performance evaluation of concrete gravity dams” conducted by Rajeev Gandhi Memorial College & Engineering & technology, Nandyal, India on 17<sup>th</sup> July 2020.
- iii. Mr.K.V.Subash participated in International Webinar on “Turning disasters into knowledge: lessons learned from recent earthquakes” conducted by Rajeev Gandhi Memorial College & Engineering & technology, Nandyal, India on 16<sup>th</sup> July 2020.
- iv. Mr.K.V.Subash participated in International Webinar on “A feasible retrofitting solution to soft storey problem in reinforced concrete building” conducted by Rajeev Gandhi Memorial College & Engineering & technology, Nandyal, India on 15<sup>th</sup> July 2020.

- v. Mr.K.V.Subash participated in Webinar on “Landscape Illumination- Celebration of nature’s night” conducted by ASSOCHAM India on 29th July 2020.
- vi. Mr.K.V.Subash participated in Webinar on “Housing finance in India: The way forward” conducted by ASSOCHAM India on 28th July 2020.
- vii. Mr.K.V.Subash participated in Webinar on “New mindset in revival of green and sustainable construction in India” conducted by ASSOCHAM India on 10th July 2020.
- viii. Mr.K.V.Subash participated in Global Webinar on “Demystifying the new education policy” conducted by Lead India foundation on 08th August.08.2020
- ix. Mr.K.V.Subash participated in a webinar on “Illness to wellness – Building immunity through nutritious food during COVID-19 organized by ASSOCHAM on 07th August 2020
- x. Mr.K.V.Subash participated in a webinar on “A road map for higher education in abroad with funding opportunities” organized by VIT, Bhimavaram on 18<sup>th</sup> August 2020.
- xi. Mr.K.V.Subash participated in a webinar on “Case studies in geotechnical engineering – emphasis on site history, human actions and simulations” organized by VIT, Bhimavaram on 13<sup>th</sup> August 2020.
- xii. Mr.K.V.Subash participated in a webinar on “National Educational policy 2020 – Knowledge series transforming higher education: Structure and processes” organized by ASSOCHAM on 27<sup>th</sup> August 2020.
- xiii. Mr.K.V.Subash participated in a webinar on "National Education Policy 2020" conducted by JNTU Ananthapuramu on 19<sup>th</sup> September 2020
- xiv. Mr.K.V.Subash participated in a webinar on “Illness to wellness – Mental health & wellness during COVID-19 organized by ASSOCHAM on 24th August 2020
- xv. Mr.K.V.Subash participated in a webinar on “Annual pump performance test for fire pumps” organized by ASSOCHAM on 03rd August 2020
- xvi. Mr.K.V.Subash participated in a webinar on “Managing risk and enhancing retail participation in commodities, gold & silver” organized by ASSOCHAM on 07<sup>th</sup> August 2020
- xvii. Mr.K.V.Subash, Dr.A.Adilakshmi, Ms.M.D.Prasanna and Ms.K.Prasanthi participated in a webinar on “Implementation of Quality Circles" conducted by Quality Circle Forum of India, Hyderabad Chapter on 21<sup>st</sup> August 2020.

- xviii. Mr.K.V.Subash participated in a webinar on “The Architectural, Engineering and Construction Industry and the fourth industrial revolution” organized by JECRC, Rajasthan on 22<sup>nd</sup> October 2020
- xix. Mr.K.V.Subash participated in a webinar on “Smart investing linkages among equity, commodity, debt and gold” organized by ASSOCHAM, India on 15<sup>th</sup> October 2020
- xx. Mr.K.V.Subash participated in a webinar on “Illness to wellness: Eye health care and online practices during Covid 19” organized by ASSOCHAM, India on 14<sup>th</sup> October 2020
- xxi. Mr.K.V.Subash participated in a webinar on "SDG 5: To achieve gender equality and empower all women and girls” conducted by Sustainable Development Forum, Institution of Engineers (India) on 28<sup>th</sup> November 2020
- xxii. Mr.K.V.Subash participated in webinar on "Make cities and human settlements inclusive, safe, resilient and sustainable” conducted by Sustainable Development Forum, Institution of Engineers (India) on 18<sup>th</sup> November 2020
- xxiii. Mr.K.V.Subash participated in a webinar on "Indian railways vision for Atmanirbhar Bharat” conducted by ASSOCHAM India on 27<sup>th</sup> November 2020
- xxiv. Mr.K.V.Subash participated in a webinar on "Structural retrofitting, refurbishment and rehabilitation” conducted by Jaypee University of Engineering and Technology on 28<sup>th</sup> November 2020
- xxv. Mr.K.V.Subash and Ms.G.V.R.Kumari participated in International Webinar on “Role of Structural Engineer in offshore Industry” conducted by Rajeev Gandhi Memorial College & Engineering & technology, Nandyal, India on 18<sup>th</sup> July 2020.
- xxvi. Mr.K.V.Subash, Dr.A.Adilakshmi, Ms.M.D.Prasanna, Ms.K.Prasanthi and Ms.G.V.R.Kumari participated in a webinar on “Writing effective research proposals” organized by IQAC, PVPSIT on 19<sup>th</sup> August 2020.
- xxvii. Ms.G.V.R.Kumari participated in International Webinar on “Role of Structural Engineer in offshore Industry” conducted by Rajeev Gandhi Memorial College & Engineering & technology, Nandyal, India on 18<sup>th</sup> July 2020.
- xxviii. Ms.G.V.R.Kumari participated in the National Webinar on "Advancement in Cement Technology" conducted by Gandhi engineering college, Orissa on 25<sup>th</sup> July 2020.
- xxix. Ms.G.V.R.Kumari participated in Webinar on "contracts management” conducted by College of Engineering & technology, Tirunelveli on 26<sup>th</sup> July 2020.

- xxx. Ms.G.V.R.Kumari participated in webinar on “Interfacial Modification in Nano-composites to Tailor Functionalities.” conducted by IEEE Phonotics Society Student Chapter, MCE, Kerala on 23<sup>rd</sup> July 2020.
- xxxi. Ms.G.V.R.Kumari participated in National Webinar on “Constructional Challenges of large diameter Pile foundations in India & Bangladesh“ organized by Mahatma Gandhi Institute of Technology (MGIT), Hyderabad on 23<sup>rd</sup> July 2020.
- xxxii. Ms.G.V.R.Kumari participated in a webinar on “geo polymer concrete applications, challenges and opportunities” organized by PVPSIT on 28<sup>th</sup> July 2020.
- xxxiii. Ms.G.V.R.Kumari participated in a webinar on “steel-concrete composite structures” organised by Department of Civil Engineering in association with IEI Student Chapter (CIVIL)-MECS, Hyderabad on 30<sup>th</sup> July 2020.
- xxxiv. Ms.G.V.R.Kumari participated in a webinar on "think differently to edge over competition” organized by St.Jospeh College of Engineering, Chennai on 06<sup>th</sup> August 2020
- xxxv. Ms.G.V.R.Kumari participated in a webinar "Let's Make Economic Simple" organized by St.Jospeh College of Engineering, Chennai on 12<sup>th</sup> August 2020
- xxxvi. Ms.G.V.R.Kumari participated in One Day Online Seminar on “Recent trends in flood modelling” organized by Government College of Engineering, Odisha scheduled on 24<sup>th</sup> August 2020
- xxxvii. Ms.G.V.R.Kumari participated in One Day Online Seminar on “Emerging Trends in Geotechnical Sustainability” organized by Government College of Engineering, Odisha on 21<sup>st</sup> August 2020
- xxxviii. Ms.G.V.R.Kumari participated in a webinar on “Environmental issues and challenges” organized by Matrusri Engineering College, Hyderabad on 15<sup>th</sup> September 2020
- xxxix. Ms.G.V.R.Kumari participated in a webinar on “New Education Policy in The Era of Digital Transformation” organized by PVPSIT Vijayawada on 30<sup>th</sup> September 2020
- xl. Ms.G.V.R.Kumari participated in a webinar on “Recent practices in environmental engineering (RPEE-2020)” organized by Government College of Engineering Kalahandi in collaboration with Government College of Engineering Jalgaon on 18<sup>th</sup> October 2020
- xli. Ms.G.V.R.Kumari participated in webinar on "IQAC - Roles and Responsibilities" conducted by ISDE ACADEMY, Chennai on 25<sup>th</sup> November 2020
- xlii. Ms.G.V.R.Kumari and Mr.V.Preetham participated in a Webinar on "Blending lms in teaching and learning" conducted by ISDE Academy, Chennai on 14<sup>th</sup> October 2020

- xliii. Ms.G.V.R.Kumari and Mr.K.N.A.G.K.Manikanta participated the international webinar on “Recent advances in geotechnical engineering research & practice (RAGeo-RP)”, conducted by Indian Geotechnical Society Bihar & Jharkhand Chapter and Centre for Earthquake Engineering Research IIT Patna during 01<sup>st</sup> to 10<sup>th</sup> July 2020.
- xliv. Ms.G.V.R.Kumari and Dr. A.Adilakshmi participated in the International webinar titled ‘Light Weight Concrete’ conducted by GMR Institute of Technology in association with Luca Industries International, GmbH, Germany on 28<sup>th</sup> and 29<sup>th</sup> July 2020.
- xlv. Ms.G.V.R.Kumari and Dr. A.Adilakshmi participated in National Webinar on “Deep Excavations in Urban Environment-Challenges & Solutions” organized by Mahatma Gandhi Institute of Technology (MGIT), Gandipet, Hyderabad on 22<sup>nd</sup> July 2020.
- xlvi. Ms.M.D.Prasanna, Ms.G.V.R.Kumari, Mr.K.N.A.G.K.Manikanta, Dr. A.Adilakshmi, Dr.K.Shyamprakash, Dr.V.Jagadish and Ms.K.Prasanthi participated in one day webinar on “Finite element approaches to modeling fracture and damage in concrete structures” conducted by PVPSIT on 22<sup>nd</sup> July 2020.
- xlvii. Ms.M.D.Prasanna, Ms.K.Prasanthi, Ms.G.V.R.Kumari, Ms.K.Divya and Dr.V.Jagadish participated in webinar on “Developments in Urban Transportation Planning” by Dr. C. S. R. K. Prasad, Professor, Civil Engineering Department, NIT Warangal, conducted by Department of Civil Engineering, PVPSIT on 13<sup>th</sup> July 2020.
- xlviii. Ms.M.D.Prasanna and Ms.K.Prasanthi participated in a webinar on “New education policy-2020” organized by PVPSIT Vijayawada on 13<sup>th</sup> October 2020
- xliv. Dr.K.Shyam Prakash participated in a online webinar on “Geo polymer Concrete Applications, Challenges and Opportunities” conducted by PVPSIT on 28<sup>th</sup> July 2020.
  - 1. Dr.K.Shyam Prakash participated in International Webinar (FDP) on “Role of Civil Engineers for Sustainable Development” conducted by MAR Baseliros Institute of Technology and Science, Kerala during 14<sup>th</sup> to 16<sup>th</sup> July 2020.
  - li. Dr.K.Shyam Prakash participated in a webinar on “Changing the ME, Residing in ME – Live Safe” from Sri. Eshwar College of Engineering, Chennai on 10<sup>th</sup> August 2020
  - lii. Dr.K.Shyam Prakash participated in a webinar on “Energy Efficiency and Green Building” conducted by Vidyavardhaka College of Engineering, Mysuru on 08<sup>th</sup> August 2020
  - liii. Dr.K.Shyam Prakash participated in a webinar on “Proactive Analysis to improve Road Safety on Indian Roads” conducted by CVR College of Engineering, Hyderabad on 23<sup>rd</sup> August 2020

- liv. Dr.K.Shyam Prakash participated in a webinar on “Advancements in Bituminous Binders for Highway Applications” from Matrusri Engineering College, Hyderabad on 20<sup>th</sup> August 2020
- lv. Dr.K.Shyam Prakash participated in a webinar on “Performance Monitoring & Maintenance Management of Flexible Pavement” conducted by Matrusri Engineering College, Hyderabad on 14<sup>th</sup> August 2020
- lvi. Dr.V.Jagadish participated in a webinar on “Influence of cement chemistry on admixture compatibility and concrete performance” organized by M/s Ultratech cement ltd., on 26<sup>th</sup> July 2020.
- lvii. Dr.V.Jagadish participated in a webinar on ““Effective use of concrete in RCC structures” organised by Qcrete readymix (India) pvt ltd on 11th July 2020.
- lviii. Dr.V.Jagadish participated in a webinar on “Understanding Metakaolin” [Speaker of the Webinar: Mr.SunilMistry] organised by Qcrete readymix (India) pvt ltd on 20<sup>th</sup> July 2020.
- lix. Dr.V.Jagadish participated in a webinar on “W1-vision, mission and PEOs for Technical Institutions” organised by National Institute of Technical Teachers Training and Research, Bhopal on 07<sup>th</sup> July 2020.
- lx. Dr.V.Jagadish participated in a webinar on “ Pavements – Latest trends” conducted by Sai Vidya Institute of Technology, Bangalore on 06<sup>th</sup> August 2020
- lxi. Dr.V.Jagadish participated in a webinar on “ Geometric Design of rural roads/highway” conducted by Atria Institute of Technology, Bangalore 06<sup>th</sup> August 2020
- lxii. Dr.V.Jagadish participated in a webinar on “ Demystifying Concrete Durability ” conducted by Indian Concrete Institute Bangalore centre on 14<sup>th</sup> August 2020
- lxiii. Dr.V.Jagadish participated in a webinar on "Self-Sensing and Magnetic Concrete for Power Transfer" organized by Christ Deemed to be University, Bangalore on 04<sup>th</sup> September 2020
- lxiv. Dr.V.Jagadish participated in a webinar on “Assessment and Evaluation Methods of CO’s and PO’s – Course File” organized by PVPSIT, Vijayawada on 17<sup>th</sup> October 2020
- lxv. Dr.V.Jagadish participated in a webinar on “ National Education Policy 2020: Autonomy, Issues and Challenges organized by NITTTR, Bhopal on 10<sup>th</sup> December 2020
- lxvi. Ms.K.Divya participated in a webinar on "Legal awareness with special reference to digital etiquette" conducted by PVPSIT on 16<sup>th</sup> December 2020



- lxvii. Ms.K.Divya, Ms.M.D.Prasanna, Ms.G.V.R.Kumari Mr.V.Preetham, Dr.V.Jagadish, Ms.K.Prasanthi, Mr.K.V.Subash, Mr.V.Preetham and Mr.K.N.A.G.K.Manikanta participated in a webinar on “Emerging Trends in Transportation Engineering “ organized by Department of Civil Engineering, PVPSIT on 15<sup>th</sup> September 2020
- lxviii. Mr.K.Vijayakishore participated in a webinar on “The pains and remedial measures of concrete structures” organized by SMK FOMRA IT on 06<sup>th</sup> July 2020.
- lxix. Dr.A.Adilakshmi participated in a webinar on “Wellness & Hygiene” organized by PVPSIT, Vijayawada on 06<sup>th</sup> November 2020
- lxx. Dr,A.Adilakshmi and Ms.G.V.R.Kumari participated in online seminar on "Role and significance of patents in academia” organized by VRSEC, Vijayawada on 05<sup>th</sup> December 2020

**b) Workshops:**

- i. Mr.K.V.Subash participated in workshop on “Energy Audit methods and case studies” organized by VIT Chennai on 17<sup>th</sup> October 2020
- ii. Ms.K.Divya participated in Workshop on “Construction Projects Management with Innovative Tools & Techniques” organized by SRM Institute of Science & Technology, Chennai on 10th August 2020
- iii. Ms.K.Divya participated in Workshop on “Recent Advance in Science and Technology” organized by Vikrant Institute of Technology and Management, Gwalior in association with Vigyan Prasar on 07th September 2020

**c) STTP/STCs:**

- i. Mr.K.V.Subash participated in one week online AICTE STTP on “Earthquake Analysis of Tall buildings” conducted by SRIT, Ananthapuramu during 06<sup>th</sup> to 12<sup>th</sup> August 2020
- ii. Mr.K.V.Subash participated in AICTE sponsored STTP (Phase-I) on ”Repair and Rehabilitation of structures” organized by RVR & JC College of Engineering, Guntur during 16<sup>th</sup> to 21<sup>st</sup> November 2020
- iii. Mr.K.V.Subash participated in AICTE sponsored STTP on ”Seismic Analysis of multi storey buildings as per IS codes” organized by SRIT, Ananthapuramu during 23<sup>rd</sup> to 28<sup>th</sup> November 2020
- iv. Mr.K.V.Subash participated in AICTE sponsored STTP on ”Numerical and experimental seismic analysis of typical structures” organized by SRIT, Ananthapuramu during 14<sup>th</sup> to 19<sup>th</sup> December 2020

- v. Mr.K.V.Subash participated in AICTE sponsored STTP (Phase-II) on "Repair and Rehabilitation of structures" organized by RVR & JC College of Engineering, Guntur during 30<sup>th</sup> November to 05<sup>th</sup> December 2020
- vi. Ms.G.V.R.Kumari participated in the AICTE Sponsored One Week Online STTP on "Soft Computing Techniques in Civil Engineering" organized by Vishnu Engineering College, Bhimavaram during 17<sup>th</sup> to 22<sup>nd</sup> August 2020
- vii. Ms.G.V.R.Kumari participated in STTP on "Machine Learning and IOT Technologies for Environmental Issues" conducted by PVPSIT, Vijayawada during 21<sup>st</sup> to 26<sup>th</sup> September 2020
- viii. Ms.G.V.R.Kumari participated in the AICTE STTP on "Soft Computing Techniques in Civil Engineering: Structures, Water Resources, Geotechnical, Remote Sensing and Transportation Applications" conducted by SVECW, Bhimavaram during 07<sup>th</sup> to 12<sup>th</sup> September 2020
- ix. Ms.G.V.R.Kumari participated in One Week STTP on "Machine Learning and IOT Technologies for Environmental Issues – Phase II" conducted by PVPSIT, Vijayawada during 26<sup>th</sup> to 31<sup>st</sup> October 2020
- x. Ms.G.V.R.Kumari participated in AICTE sponsored One Week online STTP on "Capacity Building and Training on Geospatial Technologies" organized by S.R.K.R.E.C, Bhimavaram during 23<sup>rd</sup> to 27<sup>th</sup> November 2020
- xi. Ms.G.V.R.Kumari participated in STTP on "Capacity Building and Training on Geospatial Technologies (Phase-IV)" organized by S.R.K.R. Engineering College, Bhimavaram, during 14<sup>th</sup> to 18<sup>th</sup> December 2020
- xii. Ms.G.V.R.Kumari and Mr.K.N.A.G.K.Manikanta participated in the AICTE Sponsored One Week Online Short Term Training Program on "Soft Computing Techniques in Civil Engineering: Water Resources, Structures & Transportation Applications" conducted by Shri Vishnu Engineering College for Women, Bhimavaram during 20<sup>th</sup> to 25<sup>th</sup> July 2020.
- xiii. Ms.K.Prasanthi and Mr.K.N.A.G.K.Manikanta completed Course on "Digital Teaching Techniques" conducted by ICT Academy during 29<sup>th</sup> June to 04<sup>th</sup> July 2020.
- xiv. Ms.K.Prasanthi completed a course on "Revit Architecture" conducted by APSSDC during 13<sup>th</sup> to 25<sup>th</sup> July 2020.
- xv. Ms.K.Prasanthi participated in AICTE sponsored STTP (phase-1) on "Advance advance construction techniques in low cost civil structures for modern living" organized by KKR &KSR ITS, Guntur during 05<sup>th</sup> to 10<sup>th</sup> November 2020

- xvi. Ms.K.Divya participated in AICTE Sponsored STTP on “Recent Advances in Forensic Analysis of Sub and Super Structures- Transportation Engineering Phase II” organised by Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada during 24<sup>th</sup> to 28<sup>th</sup> August 2020
- xvii. Ms.K.Divya participated in AICTE Sponsored STTP on “Recent Advances in Forensic Analysis of Sub and Super Structures-Bridge Engineering phase-III” organized by VRSEC, Vijayawada during 14<sup>th</sup> to 19<sup>th</sup> September 2020
- xviii. Ms.K.Divya participated AICTE Sponsored One Week Online Short Term Training Programme on “Recent Advances in Forensic Analysis of Sub and Super Structures” organised by Civil Engineering Department, Velagapudi Ramakrishna Siddhartha Engineering College during 29<sup>th</sup> June to 04<sup>th</sup> July 2020.
- xix. Dr.V.Jagadish, Mr.K.V.Subash and Dr.A.Adilakshmi participated in AICTE sponsored STTP on ”Effective Engineering Teaching practices” organized by NITTTR, Chennai in association with PVPSIT, Vijayawada during 23<sup>rd</sup> to 28<sup>th</sup> November 2020
- xx. Dr.V.Jagadish attended TEQIP III Sponsored one week online short term course on “sustainable concrete construction – issues & Challenges” organized by NIT, Jalandhar during 26<sup>th</sup> to 30<sup>th</sup> October 2020
- xxi. Dr.A.Adilakshmi participated in TEQIP sponsored STTP on “Advanced technologies in water resources management” organized by GCEA, Aurangabad during 23<sup>rd</sup> to 27<sup>th</sup> November 2020
- xxii. Dr.K.Shyam Prakash participated in STTP on “Recent Advances in Pavement Material Testing and Design” from Misrimal Navajee Munoth Jain Engineering College during 17<sup>th</sup> to 22<sup>nd</sup> August 2020
- xxiii. Dr.K.ShyamPrakash and Mr.V.Preetham participated in STTP on “Latest Innovations and Technological Advancements in Concrete Technology” organized by Kalasalingam Academy of Research and Education, Krishnankoil during 07<sup>th</sup> to 12<sup>th</sup> December 2020

**d) Faculty Development Programmes:**

- i. Mr.K.V.Subash participated in one week online Faculty Development Program on “Construction technology and management – A Bird’s eye view” conducted by KLU, Vaddeswaram during 24<sup>th</sup> to 28<sup>th</sup> August 2020
- ii. Mr.K.V.Subash and Ms.K.Divya participated in AICTE Training And Learning (ATAL) Academy Online Faculty Development Programme on "Earthquake Engineering" conducted by NITTTR Chennai during 21<sup>st</sup> to 25<sup>th</sup> September 2020

- iii. Mr.K.V.Subash and Mr.V.Preetham participated in Faculty Development Programme on “IPR & Innovation management in engineering science” organized by IQAC-PVPSIT, Vijayawada on 08<sup>th</sup> October 2020
- iv. Mr.K.V.Subash participated in AICTE Training And Learning (ATAL) Academy Online Faculty Development Programme on "Infrastructure Engineering” conducted by BVM, Gujarat during 12<sup>th</sup> to 16<sup>th</sup> October 2020
- v. Mr.K.V.Subash participated in AICTE sponsored Faculty Development Programme on ”Advanced Computing in Civil Engineering (ACCE) series-1: Advanced Computational Tools in structural modelling and analysis & transportation and traffic systems” organized by VNRVJIET, Hyderabad during 16<sup>th</sup> to 28<sup>th</sup> November 2020
- vi. Mr.K.V.Subash participated in AICTE sponsored two week online Faculty Development Program on ”Seismic and wind loads on buildings and application of ETABS and ANSYS FLUENT” organized by CBIT, Hyderabad during 14<sup>th</sup> to 26<sup>th</sup> December 2020
- vii. Ms.M.D.Prasanna participated in Faculty development Programme on “smart materials in construction” conducted by Vardhaman college of engineering during 25th June to 1st July 2020.
- viii. Ms.M.D.Prasanna participated in Faculty Development Programme on “Environmental Geotechnics” organized by National Institute of Technology, Andhra Pradesh during 12<sup>th</sup> to 16<sup>th</sup> October 2020
- ix. Dr.K.Shyam Prakash participated in Five day Faculty Development Program on “Trends in Transportation” conducted by Gayatri Vidya Parishad College for Degree and PG Courses, Visakhapatnam during 06<sup>th</sup> to 10<sup>th</sup> July 2020.
- x. Dr.K.Shyam Prakash participated in online Faculty Development Program on “Writing and Publishing A Research Article” conducted by Keyway Research, Hyderabad on 16<sup>th</sup> July 2020.
- xi. Dr.K.Shyam Prakash participated in one week online Five day Faculty Development Program on “Engineering with Geosynthetics” conducted by K L Deemed to be University, Guntur during 13<sup>th</sup> to 18<sup>th</sup> July 2020.
- xii. Dr.K.Shyam Prakash participated in one week online Five day Faculty Development Program on “Emerging Trends in Infrastructure Projects” conducted by Kakatiya Institute of Technology and Science, Warangal during 20<sup>th</sup> to 24<sup>th</sup> July 2020.
- xiii. Dr.K.Shyam Prakash participated in Faculty Development Program on “Author’s Conclave” conducted by SRM Institute of Science & Technology, Chennai during 11<sup>th</sup> to 17<sup>th</sup> August 2020

- xiv. Ms.G.V.R.Kumari participated in Faculty Development Program on “Building Information Modelling” conducted by Andhra Pradesh State Skill Development Corporation (APPSSDC) during 29<sup>th</sup> June to 03<sup>rd</sup> July 2020.
- xv. Ms.G.V.R.Kumari participated in Faculty Development Programme on "construction and geo informatics" organised by Vemana Institute of Technology, Bengaluru during 03<sup>rd</sup> to 8<sup>th</sup> August 2020
- xvi. Ms.G.V.R.Kumari participated in Faculty Development Programme on “Author’s Conclave” organized by SRM Institute of Science & Technology, Ramapuram, Chennai on 12<sup>th</sup> August 2020
- xvii. Ms.G.V.R.Kumari participated in Faculty Development Programme on “Sustainable Environmental Geotechnics” conducted by S.R.K.R. Engineering College, Bhimavaram during 05<sup>th</sup> to 9<sup>th</sup> October 2020
- xviii. Ms.G.V.R.Kumari participated in Faculty Development Programme "Recent Advancements in Special Concrete" organized by Gudlavalleru Engineering College, Gudlavalleru. during 26<sup>th</sup> to 31<sup>st</sup> October 2020
- xix. Ms.G.V.R.Kumari participated in AICTE Sponsored Two Week Faculty Development Programme on "Nurturing Morals, Work Ethics & Accountability for Technical Teachers" organized by VRSEC, Vijayawada during 07<sup>th</sup> to 19<sup>th</sup> December 2020
- xx. Ms.G.V.R.Kumari participated in Faculty Development Programme on "Curriculum for Sustainability” organized by VEC, Chennai during 02<sup>nd</sup> to 8<sup>th</sup> December 2020
- xxi. Ms.K.Divya participated in one week online Faculty development program on “Advances in Sustainable Construction Engineering (ASCE)” organised by Dept of CE, Kakatiya Institute of Technology & Science, Warangal during 13<sup>th</sup> to 18<sup>th</sup> July 2020.
- xxii. Ms.K.Divya participated in Faculty Development Programme on “Recent Developments In Civil Engineering: Research And Practical Applications”, organized by G. Pulla Reddy Engineering College, Kurnool during 11<sup>th</sup> to 15<sup>th</sup> August 2020
- xxiii. Ms.K.Divya participated in Faculty Development Programme on “Quality Sustenance and Enhancement Parameters – NAAC and NIRF Ranking Framework” organized by Marudhar Kesari Jain College For Women, Vaniyambadi on 06<sup>th</sup> and 07<sup>th</sup> August 2020
- xxiv. Ms.K.Divya participated in Faculty Development Programme on “Author’s Conclave” organized by SRM Institute of Science & Technology, Chennai during 11<sup>th</sup> to 17<sup>th</sup> August 2020

- xxv. Ms.K.Divya participated in AICTE Training And Learning (ATAL) Academy Online Faculty Development Programme on "Earthquake Engineering" conducted by NITTTTR Chennai during 01<sup>st</sup> to 05<sup>th</sup> December 2020
- xxvi. Dr.V.Jagadish participated in One Week Faculty Development Program on “Sustainable Concepts in Civil Engineering and Architecture” organized by Department of Civil Engineering and School of Architecture in association with IQAC-MSRIT sponsored by AICTE at Ramaiah Institute of Technology, Bengaluru during 21<sup>st</sup> to 25<sup>th</sup> July 2020.
- xxvii. Dr.V.Jagadish attended One Week Faculty Development Programme on “Sustainable Concepts in Civil Engineering and Architecture” organized by Ramaiah Institute of Technology, Bengaluru during 21<sup>st</sup> to 25<sup>th</sup> August 2020
- xxviii. Dr.A.Adilakshmi and Ms.G.V.R.Kumari participated in the AICTE Sponsored Faculty Development Programme on “Professional Morals, Work Ethics & Accountability for Teachers in Technical Education” conducted by VRSEC, Vijayawada during 19<sup>th</sup> to 31<sup>st</sup> October 2020

**e) Guest Lectures: Nil**

**f) Awareness programmes/Interaction meet/Quizzes, etc:**

- i. Mr.K.V.Subash participated in Industry Institute Conclave-2020 organized by National and Industrial Collaboration Cell, NIT Raipur during 31<sup>st</sup> October to 01<sup>st</sup> November 2020
- ii. Mr.K.V.Subash participated in E-Conclave 2020 organized by SIIB, Pune on 31<sup>st</sup> October 2020.
- iii. Ms.M.D.Prasanna participated in National quiz on “Geotechnical engineering” conducted by Narayanaguru college of engineering on 11<sup>th</sup> July 2020
- iv. Ms.G.V.R.Kumari participated in National Level Quiz on “Transportation Engineering-2” organized by PVPSIT during 28<sup>th</sup> July to 03<sup>rd</sup> August 2020.
- v. Ms.G.V.R.Kumari participated the International Level Online Quiz titled “Smart Structural Materials” conducted by Deccan College of Engineering & Technology, Hyderabad during 29<sup>th</sup> August to 04<sup>th</sup> September 2020
- vi. Ms.G.V.R.Kumari participated in the International Level Online Quiz titled “Use of Recycled Materials in Concrete” conducted by Deccan College of Engineering & Technology, Hyderabad during 29<sup>th</sup> August to 04<sup>th</sup> September 2020
- vii. Ms.G.V.R.Kumari participated in the International Level Online Quiz titled “Watershed Management” conducted by Deccan College of Engineering & Technology, Hyderabad during 29<sup>th</sup> August to 04<sup>th</sup> September 2020

- viii. Ms.G.V.R.Kumari participated in the International Level Online Quiz titled “Green Energy and Indoor Technologies for Smart Buildings” conducted by Deccan College of Engineering &Technology, Hyderabad during 29<sup>th</sup> August to 04<sup>th</sup> September 2020
- ix. Ms.G.V.R.Kumari participated in the International Level Online Quiz titled “Hazardous WasteManagement” conducted by Deccan College of Engineering &Technology, Hyderabad during 29<sup>th</sup> August to 04<sup>th</sup> September 2020
- x. Ms.G.V.R.Kumari participated in the National Level Online Quiz on “Engineering Graphics” organized by Matrusri engineering college on 26<sup>th</sup> August 2020
- xi. Ms.K.Divya participated in National Level Quiz on “Transportation Engineering-1” organized by PVPSIT during 23<sup>rd</sup> to 28<sup>th</sup> July 2020.
- xii. Ms.K.Divya completed National Level E-Quiz on “Pavement Analysis & Design” organized by NRI Institute of Technology, Agiripalli during 05<sup>th</sup> to 11<sup>th</sup> August 2020
- xiii. Ms.K.Divya completed online E-Quiz on “Engineering Mechanics” organized by the G.Narayanamma Institute of Technology and Science, Hyderabad on 07<sup>th</sup> July 2020.
- xiv. Ms.K.Prasanthi participated in E-Talk on "Giving the gift of life-Organ Donation" by organized by KDK College of Engineering, Nagpur on 13<sup>th</sup> August 2020
- xv. Ms.K.Prasanthi, Ms.K.Divya and Ms.G.V.R.Kumari, Mr.K.N.A.G.K.Manikanta completed the online quiz on “concrete technology” conducted by Mother Teresa Institute of Science And Technology, Sathupally on 11<sup>th</sup> July 2020.
- xvi. Ms.K.Prasanthi, Ms.G.V.R.Kumari, Ms.K.Divya completed of the National Level Quiz in “strength of materials” conducted by PVPSIT, Vijayawada during 18<sup>th</sup> to 24<sup>th</sup> July 2020.
- xvii. Mr.K.Vijayakishore and Mr.K.N.A.G.K.Manikanta completed online national level quiz on “Basic concepts of Civil Engineering” organized by Chaitanya University, Karimnagar on 02<sup>nd</sup> July 2020.
- xviii. Dr.V.Jagadish attended Kalam Program for IP Literacy and Awareness - National Intellectual Property Literacy Week organised by MHRD, New Delhi during 15<sup>th</sup> to 23<sup>rd</sup> October 2020

**g) Conferences:**

- i. Mr.K.V.Subash participated in a online national summit on “Housing for all – affordable and rental housing: the way forward” organized by ASSOCHAM on 26<sup>th</sup> August 2020

- ii. Mr.K.V.Subash attended 4th edition GreenPro Virtual Summit & Expo conducted by CII during 04<sup>th</sup> to 7<sup>th</sup> August 2020.
- iii. Mr.K.V.Subash participated in 35<sup>th</sup> Indian Engineering Congress organized by Institution of Engineers (India), during 18<sup>th</sup> to 20<sup>th</sup> December 2020
- iv. Ms.G.V.R.Kumari participated “ESRI user conference India Live 2020” conducted by ESRI, Hyderabad during 14<sup>th</sup> to 16<sup>th</sup> July 2020.
- v. Ms.G.V.R.Kumari participated in the AICTE National virtual conference on “Sustainable Construction Technologies and Advancements in Civil Engineering (ScTACE 2020)” conducted by SVECW, Bhimavaram on 09<sup>th</sup> and 10<sup>th</sup> October 2020
- vi. Ms.G.V.R.Kumari participated in the International virtual symposium on “Tsunami risk reduction and community resilience” organized by Ministry of Earth sciences and ESSO-INCOIS, Government of India on 26<sup>th</sup> December 2020
- vii. Dr.V.Jagadish, Mr.K.V.Subash and Ms.K.Prasanthi attended International Conference & Expo of Green Building Congress 2020 organized by CII-IGBC during 29<sup>th</sup> to 31<sup>st</sup> October 2020

#### **4. Publications by the faculty (National/International Journals/ Conferences):**

##### **a) Scopus indexed journals:**

- i. Dr.K.Ramesh published a paper titled “Strengthening of RC Beams with M-Sand using external bonding of steel plates” in *IOP Conf. Series: Materials Science and Engineering*, Vol-912, pp.1-12, ISSN: 1757-8981, September 2020
- ii. Dr.K.Ramesh published a paper titled “Influence of carbon steel fibers on the flexural crack width of RC beam” in *IOP Conf. Series: Materials Science and Engineering*, Vol-912, pp.1-13, ISSN: 1757-8981, September 2020
- iii. Dr.V.Jagadish published a paper titled “Precast Bamboo Reinforced Furniture Elements using Self Compacting Concrete” *IOP Conference Series: Materials Science and Engineering*, Vol-936, ISSN: 1757-899X, July 2020
- iv. Dr.V.Jagadish published a paper titled “Performance of Fly Ash and GGBS Based Geo polymer Concrete Using Single Alkaline Activator Solution and Its Cost Analysis” *IOP Conference Series: Materials Science and Engineering*, Vol-998, ISSN: 1757-899X, August 2020



- v. Dr.V.Jagadish published a paper titled “Sustainable bamboo housing for the earthquake prone areas” in *IOP Conference Series: Materials Science and Engineering*, Vol-955, ISSN: 1757-899X, November 2020
- vi. Dr.K.Shyam Prakash published a paper titled “Utilization of Quarry Dust in Paving Blocks” in *ARPJ Journal of Engineering and Applied Sciences*, Vol-15, Issue-14, ISSN:1819-6608, July 2020
- vii. Mr.K.V.Subash published a paper titled “Pattern recognition neural network model for experimental based compressive strength graded self compacting concrete” in *Materials Today: Proceedings*, Vol-43, Part-2, pp. 795-799, ISSN:2214-7853, 2021

**b) SCI/SCIE/ESCI indexed journals: -**

**c) IEEE/Springer journals: -**

**d) UGC/other journals:**

- i. Dr.A.Adilakshmi published a paper titled “Analysis and Design of ejector freezing system” in *Gorteria Journal*, ISSN: 0017-2294, Vol-33 Issue-12, December 2020
- ii. Ms.M.D.Prasanna published a paper titled “Experimental study on Partial Replacement of cement with Rice husk ash and glass fibres” in *Solid state technology*, Volume-63, Issue-1s, pp.1358-1365, ISSN: 0038-111X, 2020
- iii. Dr.V.Jagadish published a paper titled “Effect of axial shortening and flexural rigidity in RC buildings using non linear finite element method” in *International Journal of Advanced Research in Engineering and Technology*, Volume 11, Issue 12, pp. 2506-2517, ISSN:0976-6499, December 2020

**e) Conference Proceedings: -**

**f) Book chapters: -**

**g) Books:**

- i. Dr.K.Ramesh published a Book titled “Experimental study on ground granulated blast furnace slag and metakaolin based geo polymer concrete: geo polymer concrete” by Self Publish publishers, USA, December, 2020 with ISBN: 978-93-5426-504-4

**5. Faculty Achievements (Patents, Higher Qualification awarded, guest lectures given, awards and rewards, acted as a Resource person etc.):**

**a. Patents: -**

**b. Ph.Ds awarded: -**

**c. Guest lectures delivered:**

- i. Dr.V.Jagadish delivered a guest lecture on "Research Avenues, Methods & Applications in Civil Engineering Civil Engineering" organised by Vijaya Vittala institute of Technology, Bangalore on 15th July 2020.
- ii. Dr.V.Jagadish delivered a guest lecture on "Challenges in Construction Engineering under Seismic Zones" in National Level 5-day Online faculty development program on "Novel research developments in civil engineering (NRDCE)" organised by KKR & KSR institute of technology & sciences, Guntur on 18<sup>th</sup> July 2020.
- iii. Dr.V.Jagadish delivered a guest lecture on "Innovative Project ideas in Civil Engineering" in National Webinar organised by Department of Civil Engineering and IGS Student Chapter, Saranathan College of Engineering, Tamilnadu on 18<sup>th</sup> July 2020.
- iv. Dr.V.Jagadish delivered a guest lecture on "Bamboo a Sustainable Building material" in AICTE sponsored One Week Faculty Development Program on "Sustainable Concepts in Civil Engineering and Architecture" organized by Ramaiah Institute of Technology, Bengaluru on 21<sup>st</sup> July 2020.
- v. Dr.V.Jagadish delivered a guest lecture on "Research avenues in Civil Engineering–A Way forward" in webinar organised by REVA University, Bangalore on 29<sup>th</sup> July 2020.
- vi. Ms.K.Prasanthi delivered a lecture on "Water tank Design" for online webinar in the skill category organised by APPSSDC on 08<sup>th</sup> July 2020.
- vii. Dr.V.Jagadish delivered a guest lecture on "Bamboo A Promising Construction Material in Earthquake Prone areas" organised by Amity School of Engineering and Technology, Amity university, Gurugram on 19<sup>th</sup> August 2020.
- viii. Dr.V.Jagadish delivered a guest lecture on "Transitioning from coursework to doctoral capstone writing" in National Level webinar series organised by IFERP, Chennai on 15<sup>th</sup> August 2020.
- ix. Dr.V.Jagadish delivered a guest lecture on "Bamboo construction under seismic zones" organized by Dept of Civil Engineering, KL University, Vijayawada on 31<sup>st</sup> August 2020.
- x. Dr.V.Jagadish delivered a guest lecture on "Self Compacting Concrete" organised by Prayojana Construction Management Training Institute (CMTI)in association with SaiVidya Institute of Technology, Bangalore on 14<sup>th</sup> August 2020.
- xi. Dr.V.Jagadish delivered a guest lecture on "Sustainability Concepts in Civil Engineering" in One Week Faculty Development Program on "Construction and Geo informatics" organized by Department of Civil Engineering Vemana Institute of Technology, Bangalore in association with Indian Concrete Institute – Karnatak Bangalore Centre on 04<sup>th</sup> August 2020

- xii. Dr.V.Jagadish delivered a guest lecture on the occasion of “WORLD BAMBOO DAY 2020” organized by South Asia Bamboo Foundation-India, National Chung Cheng University-Taiwan and National Institute of Design-India on 18<sup>th</sup> September 2020.
- xiii. Dr.V.Jagadish delivered a guest lecture on “A Balanced view of sustainability in civil engineering & Construction” organized by SJCIT, Chickaballapur on 15<sup>th</sup> September 2020
- xiv. Dr.V.Jagadish delivered a guest lecture on “Bamboo – A sustainable building material” organised by Christ University, Bangalore on 16<sup>th</sup> October 2020.
- xv. Dr.V.Jagadish delivered a guest lecture on “Sustainable technologies for affordable housing” in AICTE Sponsored Short term training program (STTP) Organised by KITS, Guntur on 06<sup>th</sup> November 2020.
- xvi. Dr.V.Jagadish delivered a guest lecture on "Structural aspects of bamboo" organised by CGBMT, Karnataka on 12<sup>th</sup> December 2020.

**d. Reviewers of journals:**

- i. Mr.K.V.Subash reviewed 4 papers for ‘Material today: Proceedings’ -Scopus Indexed.
- ii. Dr.K.Shyam Prakash acted as reviewer for a) Journal of Engineering Research and Reports, b) Journal of Materials Science Research and Reviews, c) Asian Journal of Geological Research during 2020
- iii. Dr.V.Jagadish, Dept of CE, reviewed Journal paper for Journal of Structural Engineering, ASCE, November 2020
- iv. Dr.K.Mukherjee, Dept of CE, successfully reviewed paper in a) KSCE Journal of Civil Engineering, b) Journal of Cleaner Production

**6. Faculty Participation (as a Judge, Guest, or BOS member, & Chairing a session, etc.):**

- i. Mr.K.V.Subash chaired sessions at International Conference on Advanced Materials Behaviour & Characterization (ICAMBC-2020) organized by Mattest Research Academy, Chennai during 18.07.2020 to 23.07.2020.
- ii. Dr.V.Jagadish attended 2nd Advisory Board Meeting of Centre for Green Building Materials, Bangalore held on 25.07.2020.
- iii. Dr.V.Jagadish chaired session at 3rd International Congress on Advances in Mechanical Sciences, ICAMS -2020 organised by Vardhaman College of Engineering, Hyderabad 27.08.2020

- iv. Dr.V.Jagadish chaired a session at International Conference on Sustainable Infrastructure with Smart Technology for Energy and Environmental Management (SISTEEM-2020) organized by BIT, Satyamangalam, Tamilnadu on 04.09.2020
- v. Dr.V.Jagadish acted as a Jury member for International Bamboo Design Competition (Structures category), WORLD BAMBOO DAY 2020 organised by South Asia Bamboo Foundation, India, National Chung Cheng University, Taiwan, National Institute of Design, India on 18.09.2020.
- vi. Dr.V.Jagadish acted as a panellist on Sustainable Materials and Technologies at Research Conclave - 2020 organised by REVA University, Bangalore on 09.10.2020
- vii. Dr.V.Jagadish acted as a member of the Doctoral Committee Online Comprehensive Viva Voce of research students from BMS College of Engineering, Bangalore on 16.12.2020

#### **7. MOOCs courses completed by the faculty:**

- i. Mr.K.V.Subash completed a eleven courses titled 1) Initiating and planning projects, 2) Managing project risks and changes, 3) Budgeting and scheduling projects, 4) Science of well being, 5) AI for everyone, 6) Introduction to household water treatment and safe storage, 7) Planning & design of sanitation systems and technologies, 8) Municipal solid waste management in developing countries, 9) Introduction to faecal sludge management, 10) Major Engineering Projects: Governance, risk and scope, 11) Financing and initiating major engineering projects, offered through Coursera during July 2020.
- ii. Mr.K.V.Subash completed a two courses titled, 1) Project Management project, 2) Introduction to public health engineering in humanitarian contexts, offered through Coursera during August 2020
- iii. Dr.K.Shyam Prakash completed a course titled “Spreadsheets for Beginners using Google Sheets” offered through Coursera on 23<sup>rd</sup> July 2020.
- iv. Ms.G.V.R.Kumari completed a course titled “Global Environmental Management” offered through Coursera on 01<sup>st</sup> July 2020.

#### **8. Industrial Visits: -**

#### **9. APSSDC:**

- i. 19 students of II B. Tech. CE completed a free online training on “Building Drafting Using Auto Cad” conducted by APSSDC from 27th July to 08th August 2020
- ii. 4 students of II B. Tech. CE completed a free online training on “Architectural Modelling Using Revit” conducted by APSSDC from 27th July to 08th August 2020

- iii. 40 students of III B. Tech. CE completed a free online training on “Building Drafting Using Auto Cad” conducted by APSSDC from 10th to 28th August 2020
- iv. 1 student of IV B. Tech. CE completed a free online training on “Architectural Modelling Using Revit” conducted by APSSDC from 27th July to 08th August 2020
- v. 1 student of IV B. Tech. CE completed a free online training on “Building Drafting Using Auto Cad” conducted by APSSDC from 10th to 28th August 2020
- vi. 1 student of IV B. Tech. CE completed a free online training on “STAAD” conducted by APSSDC from 10th to 28th August 2020
- vii. 2 students of IV B. Tech. CE completed a free online training on “Structural Analysis using Etabs” conducted by APSSDC from 24th August to 06th September 2020
- viii. 1 student of IV B. Tech. CE completed a free online training on “STAAD” conducted by APSSDC from 24th August to 06th September 2020
- ix. 1 student attended webinar on “Verilog HDL based VLSI design” conducted by APSSDC on 10th August 2020
- x. 1 student attended webinar on “Deep learning & Artificial Intelligence” conducted by APSSDC on 16th October 2020
- xi. 50 students of III B. Tech. CE completed a free online training on “Architectural Modelling Using Revit” conducted by APSSDC from 14th to 26th December 2020
- xii. 54 students of IV B. Tech. CE completed a free online training on “Architectural Modelling Using Revit” conducted by APSSDC from 14th to 26th December 2020

## **10. Students' achievements:**

### **a) Co-curricular Activities:**

- i. K.Kavya of IV B.Tech secured student category prize in Indian Plumbing Professionals league 2020 on 05<sup>th</sup> December 2020
- ii. P.Meghana of IV B.Tech awarded 3<sup>rd</sup> prize in “Business plan project” during internship on change maker program with Sustain and Save Pvt Ltd, Pune during 01<sup>st</sup> to 31<sup>st</sup> October 2020
- iii. ISTE student chapter conducted Stone speak (paper presentation) and Creative writing competitions on occasion of Engineer’s day celebrations on 15.09.2020 for CE students.

**b) Extra-curricular Activities:**

- i. S.E.S.Manisurya of IV B.Tech awarded 2nd prize in “Spent Quiz competition” held in EKTA DIWAS India’s greatest and world’s largest online arts & Culture Celebrations organized by Jignasa Interface Pvt Ltd during 31<sup>st</sup> October to 11<sup>th</sup> November 2020
- ii. S.E.S.Manisurya of IV B.Tech awarded 2nd prize in “Mock parliament competition” held in “EKTA DIWAS India’s greatest and world’s largest online arts & Culture Celebrations” organized by Jignasa Interface Pvt Ltd during 31<sup>st</sup> October to 11<sup>th</sup> November 2020

**c) Coursera/NPTEL details of the students:**

- i. III B.Tech students of CE completed 4 certification courses through Coursera.
- ii. IV B.Tech students of CE completed 23 certification courses through Coursera.

**10. Higher Education:**

- i. K.K.S.Sandeep (16501A0122) of 2016-2020 Batch joined Post graduate Programme in Advanced Construction Management in National Institute of Construction Management and Research at Pune.
- ii. B.K.Sivakumar (17505A0101) of 2017-2020 Batch joined Post graduate Programme in Advanced Construction Management in National Institute of Construction Management and Research at Hyderabad.
- iii. V.V.Rao (17505A0114) of 2017-2020 Batch joined Post graduate Programme in Advanced Construction Management in National Institute of Construction Management and Research at Hyderabad.
- iv. P.S.Sravani (16501A0140) of 2016-2020 Batch joined M.Tech in Construction Technology Management in Koneru Lakshmaiah University at Guntur.
- v. T.Chakravarthy (16501A0153) of 2016-2020 Batch joined M.Tech in Construction Technology Management in Koneru Lakshmaiah University at Guntur.

**11. Other Information:**

- i. Mr.K.V.Subash awarded specialization for completion of all three MOOCs of the series “Managing major engineering projects” through Coursera offered by University of Leeds, England during July 2020.
- ii. Mr.K.V.Subash awarded statement of accomplishment for completion of all four MOOCs of the series “Sanitation, water and solid waste for development” through Coursera offered by EAWAG-Sandec, Switzerland during July 2020.

- iii. Mr.K.V.Subash awarded specialization for completion of all four MOOCs of the series “Project management principles and practices” through coursera offered by University of California, Irvine division of continuing education during August 2020.
- iv. Mr.K.V.Subash, awarded 1st prize for outstanding performance in “Business plan project” during internship on change maker program with Sustain and Save Pvt Ltd, Pune during 01.09.2020 to 30.09.2020.
- v. Dr.V.Jagadish awarded in recognition of “Distinguished Professor” by Amaravathi Research Academy at Ramoji Film City, Hyderabad on 13.09.2020.
- vi. Transportation Engineering Laboratory, Department of Civil Engineering, PVPSIT had a Memorandum of Understanding (MOU) with National Highways Authority of India (NHAI) under Technical Support, Maintenance and Consultancy works for five years on 29.07.2020.



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