News Letter - Civil Engineering Department details

January-June, 2019

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

- Dr.Ch.Hanumantharao, Dept of CE, organized the NICEE Regional round Quiz on "Earthquake Tips" for school children on 26.01.2019 at PVPSIT. Three Teams, each team consist of four students from KCP Siddhartha Adarsh Residential Public School, V P Siddhartha Public School and Maddi Subbarao English Medium High School are participated in the Regional round and V P SIDDHARTHA PUBLIC SCHOOL Team of Class IX stood in FIRST position and got eligible to participate in the FINAL National Level round to be organized at IIT Kanpur on 07.02.2019.
- Dr V.Jagadish, Dept of CE, coordinated Seminar on skill up gradation, Entrepreneurship and opportunities by Department of Youth Services, Govt. Of AP in association with ED Cell, PVPSIT at PVPSIT, Vijayawada on 25.01.2019.



- Dr.V.Jagadish, Dept of CE, & Convener of Institute innovation Council coordinated the following webinar programmes:
 - 1) "India First Leadership Talk Series" conducted by MHRD Innovation Cell (MIC) on 08.01.2019. Speaker: Shri. Anand Mahindra, Chairman, Mahindra Group.
 - 2) Facebook Live session on "IPR for Students and Faculty Members" on 10.01.2019 during 1.30 PM to 3.30 PM. Speaker: Ms. Shwetasree Majumder, Principal, Fidus Law Chamber.
- Dr.V.Jagadish, Dept of CE & Head-EDC, PVPSIT delivered a talk on history of intellectual property rights and its origin and importance in innovation at PVPSIT, Vijayawada on 10.01.2019 between 10.30 AM to 12.30 PM. This talk was as part of the "offline workshop on IPR for Students and Faculty Members"

- The Dept of CE conducted paper presentation, CAD contest and Technical Quiz on occasion of SITAR-2K19 at PVPSIT with support from SAGTE on 08.02.2018.
- One day National Conference on Advances in Civil Engineering 2019 at PVPSIT Vijayawada organized by Department of Civil Engineering on 23.02.2019. Total 21 papers were presented during the conference along with three invited talks. Two Invited talks were from Dr. K.B.V.N Phanindra, IIT, Hyderabad and Prof. Venkaiah Chowdary, NIT, Warangal. One talk was arranged through a Skype Presentation by Dr. Manu Santhanam, IIT, Madras. The papers will be published in ISBN proceedings.



• A Guest Lecture for second, third year and final year students on "Basic Site Execution" is organized by the Department of Civil Engineering of PVP Siddhartha Institute of Technology on 29.06.2019. Speaker is Mr.A.Hema Sai Venkat from M/s. Avenue Marts Pvt. Ltd., Vijayawada.



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

- Mr.K.V.Subash, Dept of CE, presented a paper on 'Assessing segregation, consistency and quality of sustainable concrete' in a 1-day National Conference on "Advances in Civil Engineering" organized by Dept of CE, PVPSIT, Vijayawada on 23.02.2019.
- Dr.V.Jagadish, Dept of CE, presented a paper at National Conference on Advances in Sustainable Construction Materials (ASCM 2019) at National Institute of Technology, NIT Warangal Campus during 15.03.2019 to 16.03.2019.
- Dr.K.Ramesh, Dept of CE published a paper on 'Experimental study on replacement of Construction and demolition waste as fine aggregate in cement mortar' in the proceedings of the National Conference on advances in sustainable Construction Materials (ASCM). during 15.03.2019 to 16.03.2019, PP.36-42.
- Dr.V.Jagadish, Dept of CE, presented a paper on" Performance of autoclaved aerated concrete (AAC) blocks under varying temperatures" at 2nd International Conference on Advances in Civil Engineering (ICACE-2019), KL deemed to be University on 21.03.2019.

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

- Dr.K.Ramesh and Dr.V.Jagadish, Dept of CE, attended talk on "Structural Steel" organised by Rashtriya Ispat Nigam Limited, Vizag for Architects, Builders and Construction Engineering on 09.01.2019.
- Mr.K.V.Subash, Dept of CE, attended a visual theatre drama on 'Barrister Parvateesam' organized by SAGTE at Siddhartha Kalapeetam, Vijayawada on 22.01.2019.
- Mr.K.V.Subash and Mr.S.N.Prashanth, Dept of CE, attended a UKIERI-UGC workshop on 'Alkali activated earth building products utilizing non organic solid wastes' organized by IISC Bangalore and University of Bath, UK at IISC Bangalore on 15.02.2019.
- Dr.V.Jagadish, Dept of CE, attended a session on "Stress Management" at VRSEC, Vijayawada on 02.02.2019.
- Dr. Ch. Hanumantharao, Dept of CE, attended two day National conference on Innovative mechanisms & standards for assuring Quality in Higher Education Institutions, at Koneru Lakshmaiah Education Foundation, Vaddeswaram, AP during 22.03.2019 to 23.03.2019.
- Ms.G.V.R.Kumari, Dept of CE completed STTP ICT based course on "NBA Accreditation" conducted by NITTTR Kolkata during 22.04.2019 to 26.04.2019.

- Mr.S.N.Prashanth, Dept of CE completed edX online course on "Waste Management and Critical Raw Materials" conducted by Delft University of Technology during April 2019.
- Dr.Ch.Hanumantharao, Dept of CE completed NPTEL online course on "Soil Mechanics / Geotechnical Engineering -1" during January to May 2019 and achieved top 1% with 97% score.
- Mr.K.N.A.G.KManikanta, Dept of CE completed NPTEL online course on "Advanced topics in the science and technology of concrete" during January to February 2019.
- Dr.V.Jagadish, Dept of CE, attended technical lecture by Prof. Venkatesh kodur, Michigan State University on "Strategies for Enhancing Fire Resistance and resiliency of modern concrete structures" organised by ICI Bangalore Centre at BIT, Bangalore on 21.05, 2019.
- Dr.V.Jagadish, Dept of CE, attended Smart Startup Day at DERBI Foundation, Kudlu, Bangalore on 21.05.2019.
- Dr.K.Ramesh and Dr.V.Jagadish, attended two day national seminar & exhibition on 'Global Trends in Concrete-Steel Composite Structures' at the NIMHANS Convention Centre, Bangalore during 10.05.2019 to 11.05.2019.

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

- Mr.K.N.A.G.K.Manikanta and Dr.K.Ramesh, Dept of CE, published a paper on "Durability Studies on Concrete with Ferro Chrome Slag as Partial Replacement of Fine Aggregate" in International Journal of Engineering Research and Technology, Volume 8, Issue 3, March 2019, pp. 159–164.
- Dr.K.Ramesh, Dept of CE, published a paper on Correlation between Compressive Strength and Split Tensile Strength of GGBS and MK Based Geo polymer Concrete using Regression Analysis. J. Mech. Cont. & math. Sci., Vol.14, No.1, 2019, pp. 21-36. ISSN(print)0973-8975, Thomson Reuters)((ESCI indexed).
- V.Jagadish published a paper on "Performance of Autoclaved Aerated Concrete Blocks under Varying Temperatures" in International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume 7, Issue 6C2, April 2019, pp. 615-619.
- K.Shyam Prakash published a paper on "Experimental Investigation of roller compacted concrete with Industrial waste" in International Journal of Recent Technology & Engineering (IJRTE), Vol 6(4), pp.454-466, April 2019. DOI: 10.5281/zenodo.2657656.

- K.N.A.G.K.Manikanta and K.Ramesh, published a paper on "Strength and Durability studies on Concrete with Ferro Chrome slag as partial replacement to fine aggregate" in International Journal of Recent Technology and Engineering (IJRTE), Vol.8, No.1, May 2019, pp.754-758.
- D.Jaya Krishna, M.Sai Narendra, K.Shyam Prakash published a paper on "Comparison of Analysis and Design of G+5 Residential Building Frame using Build Master and Staad Pro. Softwares" in Global Journal of Engineering Science And Researches (GJESR), May 2019, ISSN: 2348-8034
- C.Hanumantharao published a paper on "Crumb Rubber Modified Bitumen and Quarry Dust in Flexible Pavements" in International Journal of Recent Technology and Engineering, ISSN: 2277-3878, Vol.8, Issue.1, pp. 2868-2873, May 2019.
- C.Hanumantharao, published a paper on "Ground Water Quality Assessment for Drinking purpose in Vijayawada Region, Andhra Pradesh, India" in International Journal of Engineering and Advanced Technology, ISSN: 2249-8958, Vol.8, Issue.5, pp. 2147-2152, June 2019.
- C.Hanumantharao, published a paper on "Liquefaction Hazard in the AP Capital Region, India" in International Journal of Innovative Technology and Exploring Engineering, ISSN: 2278-3075, Vol. 8, Issue.8, pp. 2666-2670, June 2019.
- 5. Faculty Achievements (Higher Qualification awarded, guest lectures given, awards and rewards, acted as a Judge or Resource person etc.):
 - Dr.K.Ramesh, Dept of CE, was awarded Dr.A.P.J.Abdul Kalam Life time achievement National Award by International Institute for Social and Economic Reforms ®, Bangalore on 26.01.2019 for the contribution towards teaching, research and publications.



- Dr.K.Ramesh, Dept of CE, was awarded Adarsh vidya saraswathi puraskar a national award of excellence-2019 and letter of recognition as "one of the best Teacher" from Global management council, Ahmedabad.
- Dr.K.Ramesh, Dept of CE, nominated member of editorial board of Glacier Journal of Scientific Research with ISSN No: 2349-8498.
- Mr.S.N.Prashanth, Dept of CE, selected as Reviewer on the board of following Journals: Journal of Structural Engineering, its Applications and Analysis Journal of Water Resource Research and Development Journal of Sustainable Construction Engineering and Project Management for HBRP Publications.
- Dr.V.Jagadish, Dept of CE, attended as one of the member in MSME Project Evaluation committee at PVPSIT, Vijayawada on 24.01.2019. He also presented an Idea on "Bamboo Cycle" and his idea got selected for the next stage of evaluation.



- Dr.V.Jagadish, Dept of CE, attended as one of the guest at Young Army event on Entrepreneurship organised by Y Square business Incubator at KL University, Vaddeswaram on 09.01.2019. Satish Vemana, President, TANA presided over the function.
- Dr.V.Jagadish, Dept of CE, received 4th prize in mixed doubles, 46th Andhra Pradesh College Teachers Badminton Tournament conducted during 16.02.2019 to 17.02.2019.
- Dr.A.Sreenivasulu, Dept of CE, shared the session as a judge for Technical paper presentation @GECFEST-2K19 organized by the Department of Civil Engineering of Gudlavalleru Engineering College, Gudlavalleru on 22.02.2019.
- Dr.A.Sreenivasulu, Dept of CE, acted as a judge for Technical paper presentation, Poster presentation and Model exhibition @SAPIENCE-2K19 organized by the Department of Civil Engineering of Sri Vasavi Institute of Engineering and Technology, Nandamuru, Pedanan Mdl on 28.02.2019.
- Dr.V.Jagadish, Associate Professor, Dept of CE, co-chaired session at National Conference on Advances in Sustainable Construction Materials (ASCM 2019) at

- National Institute of Technology, NIT Warangal Campus during 15.03.2019 to 16.03.2019
- Dr. Ch. Hanumantharao, Dept of CE, chaired two sessions during second International Conference on Advances in Civil Engineering (ICACE-2019) at KLEF, Vaddeswaram, Guntur, AP during 22.03.2019 and 23.03.2019.
- Dr.V.Jagadish, Dept of CE, chaired one of the parallel session on Day 2 at International Conference on Advances in Civil Engineering (ICACE-2019), KL deemed to be University on 22.03.2019.
- Dr.V.Jagadish, Dept of CE, participated in Panel discussion on Day 3 at International Conference on Advances in Civil Engineering (ICACE-2019), KL deemed to be University on 23.03.2019.
- Dr.V.Jagadish, Dept of CE, delivered invited talk at Jyothy Institute of Technology, Bengaluru on "Special Concretes" held on 30.03.2019.
- Dr.V.Jagadish, Dept of CE, judged and evaluated a "Technical Poster Presentation" at Department of Civil Engineering, Jyothy Institute of Technology, Bengaluru held on 30.03.2019.
- Dr.K.Ramesh received "InSc HOD of the Year Award 2019" from InSc, Bangalore.
- Dr.V.Jagadish invited to talk on "Special Concretes" at AMC College of Engineering, Bangalore on 15.05.2019.
- Dr.V.Jagadish delivered Guest lecture on "Concrete mix design Theory to Practice" at AMC College of Engineering, Bangalore on 06.052019,
- Dr.V.Jagadish delivered a talk and attended Panel discussion at "Entrepreneurship Conclave" organised by BMSIT&M, Bangalore on 03.05.2019.
- Dr.V.Jagadish invited to talk at National Conference on Recent Advancements in Civil Engineering, RACE -2019, ACS College of Engineering, Bangalore 09.05.2019.
- Dr.V.Jagadish invited as a chief guest and delivered key note address on "Entrepreneurship Opportunities for Civil Engineering Students" at East West Institute of Technology, Bangalore on 24.05.2019 on the occasion of Farewell and Graduation day.

- Dr.V.Jagadish chaired session at 2nd International conference on Emerging Trends in science and Technologies for Engineering Systems (ICETSTES) 2019 at SJCIT, chikkaballapur on 17.05.2019.
- Dr.V.Jagadish chaired one of the session at RACE-2019, ACS College of Engineering, Bangalore on 09.05.2019

6. Industrial Visits:

• The 3rd Year B Tech Civil engineering students along with faculty Ms.G.V.R.Kumari, Mr.D.Jaya Krishna and Mr.K.N.A.G.K.Manikanta visited Visvesvaraya Industrial and Technological Museum, Krishna Raja Sagara dam, Mysore Palace, ICAR-Indian Institute of Soil and Water Conservation from 26.01.2019 to 31.01.2019.



• The 2nd Year and 4th Year B Tech Civil engineering students along with staff visited Amravati on 01.02.2019.



7. Students selected for GATE/IELTS/GRE/TOEFL and other competitive Examinations:

- P.Gopalam (16505A0109) qualified in GATE exam.
- 8. MOUs Signed: Nil

9. Students' achievements:

- a) Literary and Cultural Activities / Presentation / Participation in Seminars/ Conferences / Workshops / Academic awards:
 - Ch.Dorababu (16501A0115) had been awarded scholarship for Rs. 15,000/- by the 'Montessori Old Students Charitable Trust' for meritorious performance in B.Tech.
 - R.D.S.Ananya (15501A0145), K.S.G.Kanth (17505A0105), S.J.Krishna (16501A0143), Ch.Dorababu (16501A0115), G.Subhash (16501A0115), T.Syam (18505A0112), B.Raja (17501A0111), K.Mounika (17501A0139), N.S.Ram (17501A0143) had been awarded scholarship for Rs. 10,000/- by the PVPSIT sponsored by SAGTE for meritorious performance in B.Tech.
 - K.J.Navya(17501A0128), M.K.Sai(17501A0137), R.Bhargavi(18505A0149) and S.J.Kennedy(17501A0153), participated in 'Clay Modeling' event on the occasion of yoUR Fest at UCET, Gannavaram on 04.01.2019.
 - B.M.Chandra (17501A0135), participated in 'Best Concrete Maker' event on the occasion of yoUR Fest at UCET, Gannavaram on 04.01.2019.
 - K.Mounika (17501A0139), participated in 'Engineering ka Mahasangram' event on the occasion of yoUR Fest at UCET, Gannavaram on 04.01.2019.
 - T.Syam(18505A0112), D.Sneha(18505A0103), K.Mounika (17501A0139), and Y.Subhash(17501A0159), participated in 'Technical Quiz' event on the occasion of yoUR Fest at UCET, Gannavaram on 04.01.2019.
 - M.Ramanjaneyulu (17501A0133), and E.Purnesh(18505A0104) secured 1st prize in 'Technical Quiz' event on the occasion of yoUR Fest at UCET, Gannavaram on 04.01.2019.
 - N.Sairam (17501A0143), and S.E.S.M.Surya(17501A0160), secured 2nd prize in 'Technical Quiz' event on the occasion of yoUR Fest at UCET, Gannavaram on 04.01.2019.
 - N.N.kumar(15501A0141), secured 1st prize in 'Paper presentation' event on the occasion of VKR FEST-2k19 at VKR, VNB & AGK College of Engineering, Gudiwada during 25.02.2019 to 26.02.2019.

- G.S.K.Reddy(15501A0116) and N.N.kumar(15501A0141), participated in 'Paper presentation' event on the occasion of GEC FEST'19 at GEC, Gudlavalleru during 21.02.2019 to 23.02.2019.
- K.D.Prasad(15501A0120) and G.S.K.Reddy(15501A0116) secured 2nd prize in 'Paper presentation' event on the occasion of NOVUM at CIET, Guntur during 25.02.2019 to 26.02.2019.
- S.E.S.M.Surya(17501A0160), T.Sarathkumar(17501A0154), M.Ramanjaneyulu (17501A0133), N.Sairam(17501A0143), E.Purnesh(18505A0104), T.Syam(18505A0111), and K.Mounika(17501A0139), participated in 'Technical Quiz' event on the occasion of AFOSEC-2019 at VRSEC, Vijayawada during 14.02.2019 to 15.02.2019.
- P.Meghana(17501A0145), participated in 'Paper presentation' event on the occasion of AFOSEC-2019 at VRSEC, Vijayawada during 14.02.2019 to 15.02.2019.
- P.Reshma(17505A0111), C.Dorababu(17501A0111), K.Gowthami(17501A0123), secured 1st prize in 'Technical Quiz' event on the occasion of EXPLORER's MEET-2K19 at SRKIT, Vijayawada during 15.02.2019 to 16.02.2019.
- N.N.kumar(15501A0141), secured 3rd prize in 'Paper presentation' event on the occasion of EXPLORER's MEET-2K19 at SRKIT, Vijayawada during 15.02.2019 to 16.02.2019.
- T.M.Lakshmi(17505A0152), K.S.G.Kanth(18505A0105), M.Navya(17501A0131), secured 2nd prize in 'Technical Quiz' event on the occasion of EXPLORER's MEET-2K19 at SRKIT, Vijayawada during 15.02.2019 to 16.02.2019.
- M.B.Krishna(16501A0133), G.H.Prasad(16501A0149), B.V.Nayak(18501A0106),
 V.B.Bhavya(18501A0156), C.Dorababu(17501A0111), T.M.Lakshmi(17505A0152),
 P.Reshma(17505A0111), K.S.G.Kanth(18505A0105), M.Navya(17501A0131), and
 K.Gowthami(17501A0123), participated in 'Paper presentation' event on the occasion of
 EXPLORER's MEET-2K19 at SRKIT, Vijayawada during 15.02.2019 to 16.02.2019.
- M.Navya(17501A0131), P.Reshma(17505A0111), T.M.Lakshmi(17505A0152), K.S.G.Kanth(18505A0105), C.Dorababu(17501A0111) and K.Gowthami(17501A0123), participated in 'Auto CAD' event on the occasion of EXPLORER's MEET-2K19 at SRKIT, Vijayawada during 15.02.2019 to 16.02.2019.
- T.S.Reddy (16505A0112) served as NSS Student Coordinator in PVPSIT during 2016-19.
- T.S.Reddy (16505A0112) Secured 2nd prize in Kho kho in the college annual games held during 2018-19 at PVPSIT.
- T.S.Reddy (16505A0112) Secured 1st prize in Basket ball team event in the college annual games held during 2018-19 at PVPSIT.

- T.S.Reddy (16505A0112) Secured 2nd prize in High jump in the college annual games held during 2018-19 at PVPSIT.
- N.Jagadish (15501A0137) is awarded for Voluntary Blood Donation to a needy patient on 12.02.2019 sponsored by Lions District 316D Blood bank.
- P.Meghana(17501A0145), S.Charithasree(17501A0150), K.Madhuri (17501A0125), and M.Nikhitha (17501A0134), participated in 'Creative minds' event on the occasion of AFOSEC-2019 at VRSEC, Vijayawada during 14.02.2019 to 15.02.2019.
- N.Sairam (17501A0143), and S.E.S.M.Surya(17501A0160), participated in 'General Awareness Challenge' event on the occasion of AFOSEC-2019 at VRSEC, Vijayawada during 14.02.2019 to 15.02.2019.
- N.Sairam (17501A0143), participated in 'Alphabet Alexander' event on the occasion of AFOSEC-2019 at VRSEC, Vijayawada during 14.02.2019 to 15.02.2019.
- S.E.S.M.Surya(17501A0160), secured 2nd prize in 'Alphabet Alexander' event on the occasion of AFOSEC-2019 at VRSEC, Vijayawada during 14.02.2019 to 15.02.2019.
- S.E.S.M.Surya(17501A0160), secured 1st prize in 'Movie quiz' event on the occasion of ART-FIESTA2K19 organized by Imaginary creations at Vijayawada on 03.02.2019.
- B.M.Sindhu (17501A0109), M.Chandana (17501A0140), and B.V.L.Prasanna (17501A0112), secured 2nd prize in 'Ad-Making contest' event on the occasion of AFOSEC-2019 at VRSEC, Vijayawada during 14.02.2019 to 15.02.2019.
- B.M.Sindhu (17501A0109), M.Chandana (17501A0140), and B.V.L.Prasanna (17501A0112), participated in 'Dramatis personae' event on the occasion of AFOSEC-2019 at VRSEC, Vijayawada during 14.02.2019 to 15.02.2019.
- M.Nikitha(17501A0134), S.E.S.M.Surya(17501A0160), J.Yamini(17501A0119), M.Ramanjaneyulu (17501A0133), and S.Charithasree(17501A0150) participated in 'Bridge Design' event on the occasion of Sunrise-2k19 at NRIIT, Vijayawada during 08.03.2019 to 09.03.2019.
- M.Nikitha(17501A0134),S.E.S.M.Surya(17501A0160),J.Yamini(17501A0119),M.Rama njaneyulu(17501A0133),S.Charithasree(17501A0150),K.Mounika(17501A0139),and N.Sairam(17501A0143) participated in 'Technical Quiz' event on the occasion of Sunrise-2k19 at NRIIT, Vijayawada during 08.03.2019 to 09.03.2019.
- M.Ramanjaneyulu (17501A0133), secured 1st prize in 'Technical Quiz' event on the occasion of Sunrise-2k19 at NRIIT, Vijayawada during 08.03.2019 to 09.03.2019.
- S.Charithasree(17501A0150), secured 2nd prize in 'Technical Quiz' event on the occasion of Sunrise-2k19 at NRIIT, Vijayawada during 08.03.2019 to 09.03.2019.

- S.E.S.M.Surya(17501A0160) and K.Mounika(17501A0139), participated in 'Technical Quiz' event on the occasion of Sunrise-2k19 at NRIIT, Vijayawada during 08.03.2019 to 09.03.2019.
- The final year students, Dept of CE, had gone industrial internship namely AP Government related organizations, Nagarjuna Construction Company, Vijay Nirman Company Pvt. Ltd, Amaravati Apartments & Villas India Pvt Ltd, Navayuga Construction Ltd, HPCL Visakha Refinery, Meghana Planners and South Central Railway during April and May 2019.
- K.Madhuri (17501A0125), Dept of CE, had gone internship for 'preparation of structural drawings in AUTOCAD' at Maruti Associates, Vijayawada from 05.05.2019 to 25.05.2019.

10: Others, if any:

- Dr.Ch.Hanumantharao, Dept of CE, became Fellow in Institution of Engineers (India) with Membership No: F-1247251.
- Ms.G.V.R.Kumari, Dept of CE, became member in International Association of Engineers (IAENG) with registered No: 234463.
- The Dept of CE conducted Parents Teacher meet on 05.01.2019 to address the various concerns from the parents.
- Inauguration of student club CESA (Civil Engineering Student Association) at Department of Civil Engineering, PVPSIT at held on 25.02.2019.



- Farewell for Final year B.Tech Civil Engineering Students was held on 25.02.2019.
- Dr. Jagadish Vengala, Head, EDC, successfully completed Faculty Internship on "Entrepreneurship" at Unplan Technologies Pvt. Ltd. Bangalore, from 1st May 2019 to 31st May 2019 with Mr. Raviteja, Founder & Director.