

Faculty/Student Achievements

Faculty Achievements

February 1-February 28,2022

- Dr K Jagannadha Rao participated in online workshop AICTE-CIDC Parakh(3rd Batch) organised by NRI Institute of Technology from 5th-19th February 2022.
- Dr K Jagannadha Rao participated in one week FDP titled Advancements in the field of Civil Engineering: Theory and Practice organised by Pravara Rural Engineering college, Loni from 21st-26th February,2022.
- Dr T Chaitanya Sri Krishna participated in Five-Day Webinar Series titled Advances in Water Resources Engineering (AWRE 2022) organised by NIT Rourkela from 15th to 19th February 2022.
- Dr Jnana Ranjan Khuntia participated in Five-Day Webinar Series titled Advances in Water Resources Engineering (AWRE 2022) organised by NIT Rourkela from 15th to 19th February 2022.
- Dr T Chaitanya Sri Krishna participated in one week FDP titled Advancements in the field of Civil Engineering: Theory and Practice organised by Pravara Rural Engineering college, Loni from 21st-26th February,2022.
- Dr T Chaitanya Sri Krishna participated in 3-day certification Programme on Entrepreneurial skills on Geospatial data Management organised by CRSGIS & CIIC, B.S. ARCIIST, Chennai from 23rd to 25th February,2022.
- Dr T Chaitanya Sri Krishna participated in webinar titled "A pathway from research to Patents" organised by LCIT group of Institutions, Bilaspur on 25th February,2022.
- Dr T Chaitanya Sri Krishna participated in online course titled 10-day Patent Analytics course organised by Turnip Innovations from 3rd February to 12th February,2022.
- Dr Jnana Ranjan Khuntia participated in online course titled 10-day Patent Analytics course organised by Turnip Innovations from 5th February to 14th February,2022.

January 1,2022- January 31,2022

- M.V.S.S. Sastri, **K. Jagannadha Rao** and V. Bhikshma, "*Correlation of strength development of RCA in quaternary blended cementitious system*", *Advances in Materials Research*, Vol. 10, No. 3 (2022), 211-227.
- Dr K Jagannadha Rao attended a AICTE-ISTE sponsored one week online Induction/Refresher Program on "Design Thinking and Innovation" during 07th -13th, January 2022 organised by Department of Computer Science & Engineering, NRI Institute of Technology, Agiripalli.
- Dr K Jagannadha Rao attended a AICTE-ISTE sponsored one week online Induction/Refresher Program on "Repair Rehabilitation and retrofitting of structures" during 20th -27th, January 2022 organised by Annasaheb Dange College of Engineering and technology, Ashta.
- Dr. K. Jagannadha Rao and Prof. A. Balaji Rao has taken up and completed a design of SLAB CULVERT worth a consultancy amount of Rs. 50, 000 for Bridge Consultancy, Secunderabad.
- Dr M V Krishna Rao attended a AICTE-ISTE sponsored one week online Induction/Refresher Program on "Additive Manufacture in Medical and Emerging Application" during 27th January -2nd February, 2022 organised by Vasavi college of Engineering, Hyderabad.

- **Dr. K. Jagannadha Rao** has reviewed and submitted the comments on one manuscript of International Journal of Pavement Research and Technology (JPRT-D-21-00258) on January 2, 2022.
- Dr. K. Jagannadha Rao, Prof. Sreenivas Sarma, Prof. SSV Chalam, Dr NR Dakshina Murthy, and Dr P. Yugendar submitted the tender form and necessary documents for applying as the third-party quality control consultancy of GHMC, Govt. of Telangana on January 6, 2022.
- Prof. SSV Chalam and G. Viswanath have taken up a Land Survey consultancy project at Snehitha Hills, Bandlaguda Jagir Municipality, Hyderabad dated 6th January 2022.
- Sri A. Balaji Rao has attended AICTE approved GIAN course on “Experimental Model Analysis: Application in Civil & Mechanical Engineering Systems” organized by NIT Warangal held during Jan 31-Feb 4, 2022.
- **Khuntia J. R.**, Devi K., Das B.S., Khatua K.K. (2022) “. *Turbulence Characteristics in a Rough Open Channel Under Unsteady Flow Conditions*” In: Jha R., Singh V.P., Singh V., Roy L.B., Thendiyath R. (eds) *River Hydraulics. Water Science and Technology Library, vol 110. Springer, Cham*. DOI: 10.1007/978-3-030-81768-8_12, January 2022.
- Dr. T. Chaitanya Srikrishna successfully completed 5-day FDP on “Ecological and Eco-Efficient Construction Practices” organized by Dept. of Ciivil Engg., SKIT Jaipur during January 17-21, 2022.
- Dr. Jnana Ranjan Khuntia successfully completed 5-day FDP on “Ecological and Eco-Efficient Construction Practices” organized by Dept. of Ciivil Engg., SKIT Jaipur during January 17-21, 2022.
- **Dr. Jnana Ranjan Khuntia** has reviewed and submitted the comments on two manuscripts of ISH Journal of Hydraulic Engineering, Taylor & Francis (TISH-2021-0119.R1) and Sustainable Water Resources Management (SWAM), Springer (SWAM-D-21-00388) on January 3 and January 10, 2022 respectively.
- Dr. T. Chaitanya Srikrishna attended one day Webinar on “Glacial Lake Outburst Floods (GLOF): An Insight” on January 29, 2022.
- Dr. T. Chaitanya Srikrishna (Principal Investigator) submitted a proposal on “Sustainable Utilization of PET Bottles and Fly ash for Alkali Activated Hollow Building Blocks” at TSCOST under Project Related Grants (PRG), DST, GoI for duration 12 months and budget 4.93 Lakhs on January 31, 2022.

December 1,2022- December 31,2022

- Mr. MVSS Sastri is awarded Ph.D. for his thesis titled “FLEXURAL AND SHEAR BEHAVIOUR OF HIGH STRENGTH HIGH PERFORMANCE FIBRE REINFORCED CONCRETE WITH SUSTAINABLE MATERIALS” from JNTU Kakinada, Andhra Pradesh under the guidance of **Dr. K Jagannadha Rao, Head, CED, CBIT** dated 09.12.2021.
- Dr. Jnana Ranjan Khuntia has received G.M. Nawathe Best Paper Award 2021 by Indian Society for Hydraulics at SVNIT Surat, 23-25 December 2021 for best paper presented in HYDRO 2020 International Conference held at NIT Rourkela.
- Dr. Jnana Ranjan Khuntia (as co-author) has received second prize in the theme of Fluvial Hydraulics during HYDRO 2021 International Conference held at SVNIT Surat, 23-25 December 2021.
- Eight papers were published/accepted for publication by the faculty of the department in Materials Today Proceedings.

September 2021-November 2021

- **Dr. K Jagannadha Rao, Head, CED, CBIT, Published** and co-authored a text book with Dr. Srinivas Vasam on “ Sustainable engineering” by M/s S K Kataria and Sons, 2021
- Ramanarayan Sankriti has successfully completed "Module 3: Communication skills, Modes and Knowledge Dissemination" of National Initiative for Technical Teachers Training in September 2021.
- Ramanarayan Sankriti has successfully completed "Module 5: Technology Enabled Learning and Life-Long Self Learning" of National Initiative for Technical Teachers Training in September 2021.
- Ramanarayan Sankriti has successfully completed the NPTEL 12 week course "Optimization methods for Civil Engineering" in the period Jul-October 2021.

March 2020-August 2021

- **Patent**-HIGH STRENGTH CONCRETE WITH ALCCOFINE AS REPLACEMENT OF CEMENT, Indian Patent application number – 202141028030 A (Date of filing: 22/06/2021, Published : 02/07/2021), CBIT, Gandipet, Telangana 500075, India Telangana India. Name of Inventor: Dr N R DAKSHINA MURTHY, Dr K. JAGANNADHA RAO.
- **Patent**-Self-Compacting Concrete With Processed Recycled Coarse Aggregate, Australian Innovation Patent application number – 2021104204 (Granted : 15/07/2021),CBIT, Gandipet, Telangana 500075, India,. Name of Inventor : Dr N R DAKSHINA MURTHY
- Dr. K. Jagannadha Rao, Professor & HoD, Dept. of Civil Engineering, CBIT, Er.Srinivas Vasam, Associate Professor, Dept. of Civil Engineering, JBIET, published a book on "Sustainable Engineering", S. K. Kataria & Sons, publisher of Engineering Books.
- Dr. K. Jagannadha Rao, Professor & HoD, Dept. of Civil Engineering, CBIT, was awarded the title of “IGBC accredited faculty” by the IGBC Green Foundation in association with Confederation of India Industry , after successful completion of FDP program between September 13-17,2021.
- Dr. P.Yugendar as a faculty Coordinator for CED conducted the “Research Day” (Online) on 28th August 2021. The program was conducted by CBIT(A), Hyderabad.
- **Patent**-AN INTELLIGENT SYSTEM FOR WEATHER MONITORING AND NATURAL DISASTERS PREVENTION USING IOT AND AI, Australian Innovation Patent application number – 2021104024 (Granted : 09/07/2021).Name of Inventor : Ramanarayan Sankriti
- **Patent**-Soil health monitoring using drones and Augmented reality in agricultural Regions, Australian Innovation Patent application number-2021100045(Granted : 05/01/2021).Name of Inventor : Ramanarayan Sankriti
- Total 22 number of Research papers were published by various Faculty members in various National and International Journals and conferences of repute.
- Dr. N.R.Dakshina Murthy, Dr.P.Yugendar, Sri G.Viswanath participated and successfully competed in AICTE Five day online FDP on “Inculcating universal Human Values in Technical Education”, organized by AICTE, New Delhi.
- Faculty members have attended 15 Workshops, Conferences and Short Term Courses at various organizations.
- Faculty members have attended 47 FDPs at various organizations.
- Total 13 number of Swayam MOOCS/ Coursera/ Udemy etc. Certifications were obtained by various Faculty Members.

- Smt. Manasa Kotha has participated in one week online FDP on " Student Induction and Universal Human values" organised by Department of Physics,CBIT(A) from 26.08.2020 to 30.08.2020.
- Smt. Manasa Kotha has participated in the Five-day Online FDP on "Recent Modelling Approaches in Water Resources Engineering (RMAWRE-2020)" organised by the Department of Civil Engineering, UNiversity college of Engineering(A), Osmania University held on 17th to 21st August 2020.
- Sri Viswanath Gopisetty has successfully completed the NPTEL 12 week course "Urban Transportation systems planning" with a consolidated score of 58% in the period Jan-March 2021.
- Smt.Manasa Kotha has successfully completed the NPTEL 8 week course "Roadmap for Patent Creation" with a consolidated score of 72% in the period Jan-March 2021.
- Sri Ranga reddy of CBIT,Hyderabad has participated in the online 2-week FDP on " Seismic and Wind Load on Buildings and applications of ETABS and ANSYS FLUENT" organised by the department of Civil Engineering ,CBIT (A) during 14th-26th December 2020.
- Sri R Ranga Reddy, Assistant Professor of Chaitanya Bharathi Institute of Technology participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Smart Cities-Infrastructure & Sustainability" from 24.05.2021 to 28.05.2021 at Indian Institute of Technology, Ropar.
- Sri E.Maheshwar Reddy has participated in the webinar on "How to Jumpstart your career in Artificial Intelligence and Machine Learning" organised by Mishra Dhatu Nigam limited in 'Commemoration of India@75' on July 08,2021.
- Sri Viswanath Gopisetty has successfully completed "Module 5: Technology Enabled Learning and Life-Long Self Learning" of National Initiative for Technical Teachers Training in March 2021.
- Sri Viswanath Gopisetty has successfully completed "Module 2: Professional Ethics and Sustainability" of National Initiative for Technical Teachers Training in March 2021.
- Mrs. Karthika Kishore Koka has participated and successfully completed the 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE) from 19 July, 2021 to 23 July, 2021.
- Sri Ramanarayan Sankriti received certificate of participation on successful completion of 5 days Faculty Development Program- Student Induction on Universal Human Values conducted online during 16-20 August, 2021 organized by All India Council for Technical Education(AICTE).

July 2019 to March 2020

- Total 26 number of Research papers were published by various Faculty members in various National and International Journals of repute.
- Two Ph.D degrees were awarded under the guidance of Dr.K.Jagannadha Rao and one Ph.D. degree was awarded under the guidance of Dr.N.Dakshina Murthy.
- Sir MV Award instituted by "Smart Infr-EST" for the year 2019 under Academician category, to Dr.K.Jagannadha Rao.
- Dr. K. Praveen was awarded Ph.D. degree from National Institute of Technology, Warangal in May, 2019 Thesis: "Studies on Shear Behaviour of Recycled Aggregate based Steel Fiber Reinforced Self Compacting Concrete".

- Dr. P.Yugendar was awarded Ph.D. degree from National Institute of Technology, Warangal in March, 2020. Thesis: " Micro and Macroscopic analysis of crowd behavior and evacuation planning".
- Dr. K. Jagannadha Rao, Professor, Dept. of Civil Engineering, CBIT, Er.Srinivas Vasam, Research Scholar & Associate Professor, Dept. of Civil Engineering, JBIET, published a book on "Structural Dynamics and Earthquake Engineering", S. K. Kataria & Sons, publisher of Engineering Books.
- An amount of Rs.11 lakhs were sanctioned under MODROBS for Concrete Laboratory, F.No.9- 273/RIFD/MOD/Policy-1/2018-19.
- Faculty members have attended 24 Workshops, Conferences and Short Term Courses at various organizations.
- Faculty members have attended 80 FDPs at various organizations.
- Total 53 number of Swayam MOOCS/ Coursera/ Udemy etc. Certifications were obtained by various Faculty Members.

Student Achievements

February 1,2022- February 28,2022

- Six students viz., Vishnu Yadav Yadarth (160120732057), Lohitha Rathlavath (160120732006), Dhanush Cheguri (160120732081), M Rani (160120732011), Praneetha (160120732010), Revanth (160120732049) successfully completed Course Era Online Certification on “Management of Infrastructures Part-I in the month of February 2022.

January 1,2022- January 31,2022

- P. Manoj Rami Reddy – BE Civil A1 3/4 selected to represent the Osmania University in the “All India Inter University Athletics Championships” organized by Mangalore University from January 4-7, 2022.
- K. Tejashwini attended the event “Metanoia”, organized by TOASTMASTERS, CBIT Hyderabad held on January 8, 2022.
- C. Chenna Reddy successfully completed “Cyber Awareness Quiz” organized by Indian CyberCrime Coordination Center (I4C), MHA, Gol held on January 14, 2022.
- Mr. Vikhyath Reddy (Roll No. 1601-17-732-057) of 2020-21 passed out batch started a real estate venture of apartments titled as “INSYN” in Manchirevula village, Gandipet Mandal, Hyderabad.
- Kanike Tejashwini(160120732073) successfully completed Course Era Online Certification on “Management of Infrastructures Part-I on January 30 , 2021.

December 1,2022- December 31,2022

- 17 students completed Swecha internship on Web development and Data Sciences.
- Out of 133 students (III sem), around 55 students qualified for the NPTEL exam and other students attended the internship program.
- Y Sri Vidya (160118732071) of VII semester and Laxmi Tarun Padugupadu (160119732030) of V semester were selected for T-Tribe Launchpad program.
- **September 2021-November 2021**
- Mahin Sadiq (160119732010) successfully completed Course Era Online Certification on “Mechanics of Material I: Fundamentals of strain and Axial Loading” on October 5,2021.
- Revanth Thaneeru(160120732049) successfully participated in the "TAPF-Industrial tour and community services" as organised by FOLK-Youth Empowerment club of Hare Krishna Golden temple.
- Certificate of Appreciation is awarded to Revanth Thaneeru (160120732049) for successfully helping to complete the event TARUNAH#YOUthCAN on behalf of EWB-CBIT.
- K Tejashwini (160120732073) has successfully completed the NPTEL course "Design,Technology and Innovation" with a consolidated score of 61% in the period August-October 2021.
- Renusri Orsu (160120732013) and Vishnu Yadarth (160120732057) have successfully completed the NPTEL course "Design,Technology and Innovation" with a consolidated score of 56% in the period August-October 2021.

March 2020-August 2021

- Mr.S.V.Muthesham Ahmed has participated in the International conference on Purification and Recycling of Materials (ICPREM-2020) organized by C-MET Hyderabad, during 8-10 march 2020, and Presented a paper entitled “Enrichment of Mechanical Properties of Bituminous roads and Building components using E-waste”.
- Abdul Rafae Syed, L. Amogh Reddy, and Sudarshanam Abhilash submitted two papers in 3rd International Conference on Advances in Civil Engineering (ICACE 2021)” during June 25th to 26th, 2021 conducted by KL University,Vijayawada.
- Mr. G.S. Harsha, was sub-editor of Transcendent, the official newsletter and journalistic society of CBIT,Hyderabad.
- Mr.G.Harsha completed 3 short-term Training Programs each under Corporate finance institute and Asian Development Bank institute in the period December 2020 - June 2021.
- Mohammed Abdul Rafey Mubasshir completed 3 certificate courses in Course Era in Python Data Structures, AI FOR EVERYONE and PROGRAMMING FOR EVERYBODY (GETTING STARTED WITH PYTHON) in May 2021.
- Three students successfully completed a 3-day workshop on Analysis, design and detailing of structures using STAAD Pro -ADDS-2021 conducted by VBIT between 3-5 June 2021.
- Manoj Rami Reddy has successfully completed with an exceptional performance in the program “T-Tribe LaunchPad Program 2019-20” in the month of July 2021, organized by T-Tribe, A T-Hub Initiative
- Chandra Vikas Thipirishetty (160120732030) successfully completed Course Era Online Certification on “AI for Everyone” on June 15,2021.
- MAHEEN SADIQ,Certificate No. YBDL030721/025/53,for successfully completing Lean and Six Sigma Yellow Belt during July 2021, conducted by Anexas Europe and getting trained as Yellow Belt by demonstrating adequate competence in application of Lean Six Sigma tools and techniques.

July 2019 to March 2020

- M. Satish of B.E 3rd year Civil Engineering has received a BEST PAPER AWARD at the International Conference on Multifunctional and hybrid materials for chemical process, energy, environment and medical applications (ICMHCEE 2019) Organised by NIT Trichy, Tamilnadu.
- S.V. Muthesham & M. Satish, Dept. of Civil Engineering participated in KSHITIJ 2019, Techno Management Fest during 18th - 20th Jan 2019, IIT Khargpur.
- Banala Shivani, Sankeerthana Pochapalli and Rajender of B.E. 4th year has received Certificate of academic Excellence from Education Matters in collaboration with Trinity College Dublin on 26thFebruary 2019.
- M. Ajay Kumar, Satish. M & Md Faheem Uddin, Dept. of Civil Engineering, CBIT has received certificate of excellence at ARTCHE 19, a National Conference held during 22nd& 23rd March 2019 at Chemical Dept., CBIT, Hyderabad.
- M. Satish, S.V. Muthesam Ahmed and K. Vinay has received BEST PAPER AWARD at International Conference on Environmental Degradation: Key Challenge to Sustainable Development held during 22nd -24th Nov 2019 at The Institution of Engineers (IEI)
- Mr. S.V. Muthesham Ahmed and Mr. M. Satish has been selected for the Young Scientist Award for Oral presentation in the Telangana Environment Congress organized by Center for Environment and Development, Thiruvananthapuram in

association with National Institute for Micro Small and Medium enterprises, Govt. of India and Center for Innovations in Public System and Pure Earth foundation on 16th & 17th April 2019.

- Eight Students successfully completed Course Era Online Certification on “Python Data Structures”, “Programming for Everybody (Getting Started with Python)”, “AI for Everyone” etc. between 2019-2020.
- Mr. Manoj Rami Reddy, who bagged a silver medal in OU intercollegiate tournament held at GMC Balayogi stadium, Gachibowli, Hyderabad on 9th & 10th December 2019.
- Mr. P.Manoj Rami Reddy, who bagged 2nd position in Athletics (100 m) event of 12th Indian Open Inter Engineering collegiate sports Fest held at VNRVJIET, Hyderabad on 26th & 27th February 2020.
- Mr. P.Manoj Rami Reddy, who bagged 2nd position in Athletics (100 m) event of ARENA 2020 held between 23th-26th February 2020 at BITS Pilani, Hyderabad campus.
- Rohith Alisetty, was member of cricket team that won Runners-up In CVR inter college cricket tournament competition held at CVR Engineering college, Hyderabad conducted in February 2019.