



METHODIST

COLLEGE OF ENGINEERING AND TECHNOLOGY

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DEPARTMENT OF CIVIL ENGINEERING

ANNUAL REPORT (Academic Year 2020-21)

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The following is the Annual Report of the Civil Engineering Department's Activities:

I. Workshop/Conference/Webinars conducted by the department (04)

1. **Webinar On 6th June 2020 organized one day Webinar on “Climate Change and Food Systems.; Keynote Speaker:** Dr.G.V.Ramanjaneyulu, Executive Director, Centre for Sustainable Agriculture, Hyderabad
2. **Webinar On 6th June 2020 organized one day Webinar on” Fundamentals of Geographic Information System”, Speaker :** Shaik Mohammad Imran, Assistant Professor, CED, MCET
3. **Webinar on 13th June 2020 organized one day Webinar on “ICT Tools for Teaching”,**
Speaker 1: Dr. Akshay Naidu, HOD, CED, MCET
Speaker 2: Shaik Mohammad Imran, Assistant Professor, CED, MCET
4. **Workshop (Self-Paced) on “Effective and Efficient Online Teaching in the Age of Corona” using “IIT Bombay, BodhiTree Platform” , during 20-June-2020 to 27-June-2020.**
Course Instructor: Srikanth Renikunta, Assistant Professor, CED, MCET

II. Faculty Research Contributions

(A) International Journal Papers

1. **Dr. B. L. P. Swami, M. Bhaskar** (2020-21), “Properties of High Strength Concrete With ballast fiber and Fly ash-An experimental study, High technological letters, Issue 10, (Peer Reviewed - Scopus Indexed Journal) ISSN NO : 1006-6748
2. **Dr. B. L. P. Swami, S. Vijaya Kumar, B. Dean Kumar** “Effect of metallic & Non-metallic fiber percentages and aspect ratios on the mechanical properties of mixed fiber self-compacting Concrete “Journal of Structural Engineering (SERC)(Peer Reviewed - Scopus Indexed Journal) 2020 , ISSN :09700137

(B) International Conference Papers

1. **Dr. B.L.P. Swami, S. Vijaya Kumar, B. Dean Kumar** “Experimental study on the influence of the presence of mineral admixtures and steel fiber on the elastic properties of self-compacting concrete, International conference on Advances in Sustainability of materials and Environment (IWCASME 20, Organized by St. Xavier's Catholic College of Engineering Chunkankadai, Nagercoil, Kanyakumari.

(C) National Journal Papers

- Chandrika V S, Kannadasan B, **Srikanth Renikunta**, M. Nagabushanam, Ranjan Walia, and V Gopu, ‘Automatic Detection Of Emotions In Vehicle Drivers Based On Analysis Of Biomedical Data To Improve The Performance’, Web of Science group - IJBPAS, November, Special Issue, 2021, 10(11): 700-714 , ISSN: 2277–4998
- Dharendra Kumar Sharma, **Srikanth Renikunta**, Priya J , Kannadasan B, Zatin Gupta And Venu D, ‘Access to carrier-based outreach service in the transportation system for latency tolerance in the environment’ Web of Science group - IJBPAS, November, Special Issue, 2021, 10(11): Page :574-587 ISSN: 2277–4998
- Shashi Rekha, Lingala Thirupathi, **Srikanth Renikunta**, Rekha Gangula, ‘Study of security issues and solutions in Internet of Things (IoT)’ Elsevier group – Materials Today: Proceedings, Publication date 2021/7/31

(D) Chapters in Books / Textbooks

- Atul Katiyar, **Srikanth Renikunta**, Anurag Shrivastava, Moti Lal Rinawa, “Renewable Energy a Renewable Step Towards Sustainability” INSC International Publisher (IIP), 11-Sept-2021

(E) Patents

- “VIDYUTHA TRAYA CHAKRA VAHANA – A hybrid electricaltricycle” Application No.: 202121034017A, Journal Name: OFFICIAL JOURNAL OF THE PATENT OFFICE, INDIA, Published on: 20-Aug-2021, Journal No.: 34/2021. **Srikanth Renikunta**
- “VIDYUTHA DVICAKRAVAHANA – An hybrid bicycle” Application No.: 202141035210A, Journal Name: OFFICIAL JOURNAL OF THE PATENT OFFICE, INDIA, Published on: 13-Aug-2021, Journal No.: 33/2021. **Srikanth Renikunta**

III. Faculty participation in Seminars/Webinars

Total number of Webinars Attendance: 68

1. Mohd. Shaik Imran, Assistant Professor

- One day Workshop on “**Machine Learning for Remote Sensing Data Classification**” conducted by Indian Institute of Remote Sensing (IIRS), ISRO Dehradun
- One day webinar on “**Now and Future: Climatic Change and Food Systems**” conducted by Methodist College of Engineering and Technology
- One day webinar on “**Understanding River system and Pollution management**” conducted by Methodist College of Engineering and Technology
- Participated in “**Esri User Conference India Live 2020**” conducted by Esri India Technologies Ltd
- Five day International webinar on “**Climate Change impact on Water Resources management and Environment**” conducted by Andhra University and Science City of A.P
- National webinar on “**Environmental Auditing**” organised by Dept. of Civil Engg, NNRESGI on 17th July, 2020.
- National webinar on “**Road safety considerations for Indian Road traffic conditions**” organised by Dept. of Civil Engg, NNRESGI on 18th July, 2020
- International workshop on “**Climate change impact on Water Resources Systems**” organised by Dept. of Civil Engg, NIT Silchar
- National level online seminar on “**Implementation on National Education Policy - 2020**” organised by JNTUH, Jagtial in collaboration with AICTE and ISTE
- Attended “**Advanced Excel Workshop**” conducted by JS Academy

2. P. Kranti, Assistant Professor

- One day webinar on “**Now and Future: Climatic Change and Food Systems**” conducted by Methodist College of Engineering and Technology
- One day webinar on “**Fundamentals of Geographic Information System**” conducted by Methodist College of Engineering and Technology
- one day Webinar on “**ICT Tools for Teaching**”, conducted by Methodist College of Engineering and Technology

3. Md.Alauddin, Assistant Professor

- i. One day webinar on “Now and Future: Climatic Change and Food Systems” conducted by Methodist College of Engineering and Technology
- ii. One day webinar on ““Fundamentals of Geographic Information System”, conducted by Methodist College of Engineering and Technology
- iii. one day Webinar on “ICT Tools for Teaching”, conducted by Methodist College of Engineering and Technology
- iv. One day webinar on “Fundamental of drawings using AutoCAD” conducted by Department of civil engg. Osmania University
- v. One day webinar on ““Accelerating Industry 4, a post covid paradigm”conducted by ICT Academy, Skycampus
- vi. one day Webinar on “Failure of Concrete structure”, conducted by NSAKCET, Hyderabad
- vii. one day Webinar on “Smart phone security issue in digital world.”, conducted by Methodist College of Engineering and Technology
- viii. One day webinar on “Use of Construction Chemicals in Construction Industry.” conducted by Rajarambabu institute of Technology, Maharastra
- ix. One day webinar on “special Concrete special structure.”conducted Indian Concrete institute Bengaluru centre(ICI)
- x. one day Webinar on “Application of Ground Improvement Techniques, A case study.”, conducted by Indian Concrete institute Bengaluru centre(ICI) and Geotech society Bengaluru.
- xi. one day Webinar on “Smart phone security issue in digital world.”, conducted by Methodist College of Engineering and Technology
- xii. One day webinar on “Interest and Time value of money in construction” conducted Indian Concrete institute Bengaluru centre(ICI)
- xiii. One day webinar on “Understanding of dispute, mitigation and resolution in construction project” conducted Indian Concrete institute Bengaluru centre(ICI)
- xiv. One day webinar on “Ready mix Concrete production process.” conducted Indian Concrete institute Bengaluru centre(ICI)
- xv. One day webinar on “Structural Health Monitoring.” conducted Indian Concrete institute Bengaluru centre(ICI)
One day webinar on “Interest and Time value of money in construction” conducted East West Institute of Technology, Bengaluru

4. M. Madhuri, Assistant Professor

- i. One day webinar on “Now and Future: Climatic Change and Food Systems” conducted by Methodist College of Engineering and Technology
- ii. One day webinar on ““Fundamentals of Geographic Information System” conducted by Methodist College of Engineering and Technology
- iii. one day Webinar on “ICT Tools for Teaching”, conducted by Methodist College of Engineering and Technology
- iv. One day National webinar on “Environmental Auditing” organized by Department of Civil Engineering, Nalla Narasimha Reddy Educational Society’s Group of Institutions.
- v. One day international webinar on “Road Safety Considerations for Indian Road Traffic Conditions” organized by Department of Civil Engineering, Nalla Narasimha Reddy Educational Society’s Group of Institutions.

- vi. Five-day international webinar on “Climate change impact on water resource management and environment” organized by Department of Civil Engineering, Andhra University in collaboration with science city of Andhra Pradesh.
- vii. National level online seminar on “Implementation on National Education Policy-2020” organized by Department of Computer Science and Engineering, JNTUH College of Engineering, Jagtial in Collaboration with AICTE & ISTE

5. Shaista Begum, Associate Professor

- i. One day webinar on “Now and Future: Climatic Change and Food Systems” conducted by Methodist College of Engineering and Technology
- ii. One day webinar on ““Fundamentals of Geographic Information System”, conducted by Methodist College of Engineering and Technology
- iii. one day Webinar on “ICT Tools for Teaching”, conducted by Methodist College of Engineering and Technology

6. Mohd. Shahed Ali, Assistant Professor

- i. One day webinar on “Now and Future: Climatic Change and Food Systems” conducted by Methodist College of Engineering and Technology
- ii. One day webinar on ““Fundamentals of Geographic Information System”, conducted by Methodist College of Engineering and Technology
- iii. one day Webinar on “ICT Tools for Teaching”, conducted by Methodist College of Engineering and Technology
- iv. One day webinar on ““Personal Financial Management” conducted by ICT ACADEMY
- v. One day webinar on “Future Tech 2020”, conducted by ICT ACADEMY Skycampus Season 6
- vi. one day Webinar on ““Building Safety & Efficiency Post-COVID19””, conducted by Construction World
- vii. One day webinar on ““Role of Building in Harmonizing Ecology, Emotions & Economy of The Home” conducted by Wiener Berger India
- viii. One day webinar on "Sustainable Perspectives of Sewage Treatment ", conducted by Chalapathi Institute of Technology, Mothadaka, Guntur.
- ix. one day Webinar on “The New Metro life –line”, conducted by Infra E-Conclave.
- x. One day webinar on "Future of Education" conducted by Skycampus
- xi. One day webinar on ““Fundamentals of Geographic Information System”, conducted by Rajarambapu Institute of Technology, Rajaramnagar(RIT)
- xii. one day Webinar on " Use of Construction Chemicals in Construction Industry ", conducted by Methodist College of Engineering and Technology
- xiii. One day webinar on “The Waste We Generate " conducted by Department of Civil Engineering HITS, Hyderabad

7. Dr. Bandita Naik, Associate Professor

- i. One day webinar on “Fundamentals of Geographic Information System”, conducted by Methodist College of Engineering and Technology
- ii. one day Webinar on “ICT Tools for Teaching”, conducted by Methodist College of Engineering and Technology
- iii. One day webinar on Climate change Impact on Water Resources Management and Environment”, conducted by Andhra University (TEQUIP III and Science city of Andhra Pradesh)

- iv. one day Webinar on “Knowledge sharing on A to Z of Journal Publication(Survey of Citations)”, conducted by IFERP
- v. One day webinar “on Now and Future: Climatic Change and Food Systems”, conducted by Methodist College of Engineering and Technology
- vi. one day Webinar on “Patent to All”, conducted by Research Brains Academic Research Lab One day webinar on ““Fundamentals of Geographic Information System”, conducted by Methodist College of Engineering and Technology
- vii. one day Webinar on “Research Article Writing and Publishing in good impact Journals”, conducted by IFERP
- viii. One day webinar on “Virtual Interactive classroom for Teachers and the challenging Technology in Post Covid 19 Era”, conducted by IFERP
- ix. one day Webinar on “Quality Improvement in Higher Education by Up-skilling”, conducted by Internal Quality Assurance Cell - AISSMS college of Pharmacy
- x. One day webinar on “Design Consideration for water and wastewater treatment facilities”, conducted IQAC CIT
- xi. one day Webinar on “Project Based learning”, conducted by NIT Bhopal
- xii. One day webinar on JOVE (Journal Of Visualized Experiments”, conducted by Balani Infotech Pvt.
- xiii. one day Webinar on “Advances in Biomass Energy Technology”, conducted by Department of Electrical Engineering, Poornima College of Engineering

8. Pallavi Sirohi, Assistant Professor

- i. One day webinar on ““Fundamentals of Geographic Information System”, conducted by Methodist College of Engineering and Technology
- ii. one day Webinar on “ICT Tools for Teaching”, conducted by Methodist College of Engineering and Technology
- iii. One day webinar on “Performance of High Strength Concrete”, conducted by ICI-Banglore
- iv. One day webinar on “Use of Construction Chemicals in Construction Industry”, conducted by Rajarambapu Institute of Technology
- v. one day Webinar on “Special Concrete for Special Structures”, conducted by ICI-Banglore

9. Srikanth Renikunta, Assistant Professor

- i. One week webinar series on ‘Metro Rail Technology- Practices & issues’ during 11-15 May 2020 organized by Department of Civil Engineering, Rajarambapu Institute of Technology, Islampur, Sangli, Maharastra.
- ii. Bentley Webinar “Introduction to Travel Demand Modelling and CUBE” on 30-April-2020.
- iii. One day webinar on ““Fundamentals of Geographic Information System”, conducted by Methodist College of Engineering and Technology
- iv. One day Webinar on “ICT Tools for Teaching”, conducted by Methodist College of Engineering and Technology
- v. One day webinar “on Now and Future: Climatic Change and Food Systems”, conducted by Methodist College of Engineering and Technology
- vi. Webinar on Geoinformatics in Multi Discipline, organized by M.Sc. Geoinformatics Department, ISTAR College, Gujarath on 09-May-2020.

- vii. E-Expert talk on “Modelling of Geotechnical Construction Processes on the centrifuge: a Few Example by Dr.Ashish Juneja, Professor, IIB Bombay on 29-June-2020.
 - viii. Webinar on “Achievin Sustainable Concrete through use of Mineral Admixture, organized by ICI-bangalore, on 08-May-2020.
 - ix. Season 5 of SkyCampus on the theme The Future of Skills – Education, Employment & Entrepreneurship (5 days) by ICT Academy May 2020.
10. **Mrs S. Deva Samyuktha, Assistant Professor**
- i) One day webinar on “Now and Future: Climatic Change and Food Systems” conducted by Methodist College of Engineering and Technology
 - ii) One day webinar on ““Fundamentals of Geographic Information System”, conducted by Methodist College of Engineering and Technology
 - iii) One day Webinar on “ICT Tools for Teaching”, conducted by Methodist College of Engineering and Technology
 - iv) Attended 1day Webinar conducted by MCET on “**Smartphone Security Issues in The Digital World**” on 16th May 2020
 - v) Attended 1day Webinar conducted by ULTRA TECH CEMENT LTD on “**EFFECIENCY & EFFECTIVENESS OF CURING PROCESS ON CONCRETE**” organized by ULTRA TECH CEMENT LTD on 01-JAN-2021
 - vi) One day webinar on “ Geo-Informatics Applications In Rural Development with special reference to Civil Engineering” conducted by CVR COLLEGE OF ENGG on April 11th 2021
 - vii) One day webinar on “ Climate change : Imperative Concrete Understanding & Practice” conducted by Ultratech on Jan 15th 2021
 - viii) One day webinar on “Remedial Waterproofing for building ” conducted by Ultratech on Jan 22nd 2021
 - ix) One day webinar on “Cement Superplasticizer compatability” conducted by Ultratech on April 3rd 2021
 - x) One day Seminar on “ IS CODE ON DESIGN OF TALL BUILDINGD WITH SPECIAL FOCUS ON SOIL STRUCTURE INTERACTION (SSI)” Conducted by NIT Warangal, Civil Engg Department on 10th Feb 2020
 - xi) One day workshop on “ WORLD ENGINEERING DAY FOR SUSTAINABLE DEVELOPMENT” held on 4th March 2020 at The Inst of Engineers occasion of centenary celebrations of IEI
 - xii) One day webinar on “PROCESS OF CHANDIGARH” conducted by Ultratech on March 25th 2021
 - xiii) One day webinar on “MATERIAL AND METHODOLOGY FOR REPAIR/ REHABILITATION/ RETROFITTING OF STRUCTURES” conducted by Ultratech

IV. Faculty Participation in Online Short-term training programs (STTPs)

1. M. Madhuri, Assistant Professor

- i) Under gone online training course:” Basics of **SAR Remote Sensing**” conducted by ISRO, Indian Institute of Remote Sensing (5 days)
- ii) Under gone online training course:” **Health GIS**” conducted by ISRO, Indian Institute of Remote Sensing (5 days)
- iii) Under gone online training course:” **GIS Training program using QGIS**” conducted by Central University of Karnataka (21days)

2. Mohd. Shaik Imran, Assistant Professor

- i. Under gone online training course :”**Basics of SAR Remote Sensing**” conducted by ISRO, Indian Institute of Remote Sensing (5days)
- ii. Under gone online training course : **Overview of Planetary Geosciences with special emphasis to the Moon and Mars**” conducted by ISRO, Indian Institute of Remote Sensing (5days)
- iii. Under gone online training course :” **Health GIS: Geoinformatics for COVID 19**” conducted by ISRO, Indian Institute of Remote Sensing (5days)
- iv. Under gone online training course :” **GIS Training program using QGIS**” conducted by Central University of Karnataka (21days)
- v. Under gone online training Program:”**Emerging trends in Geoinformatics Techniques and applications**” conducted by Maulana Azad National Institute of Technology, Bhopal (5 days)
- vi. Under gone online training Program:”**Implementation of OBE and Online Teaching**” conducted by NITTTR Chennai (6 days)
- vii. Under gone online training Program:” **Free and Open Source Software in Civil Engineering**” conducted by NITTTR Chennai (5 days)

3. Dr. Bandita Naik, Associate Professor

- i. Under gone online training course :”Basics of SAR Remote Sensing” conducted by ISRO, Indian Institute of Remote Sensing (5days)
- ii. Under gone online training course : Environmental Impacts of COVID-19 Pandemic:Challenges and Remedies through Science & Engineering” conducted by Department of Applied Science, PIET Jaipur,in association with RTU Kota (5days)
- iii. Under gone online training course :” Health GIS: Geoinformatics for COVID 19” conducted by ISRO, Indian Institute of Remote Sensing (5days)
 - i. Under gone online training course :” GIS Training program using QGIS” conducted by Central University of Karnataka (21days)

4. Srikanth Renikuta, Assistant Professor

- i. Participated one week online certificate Course on "Digital Teaching Techniques' organized by ICT Academy from 29 June 2020 to 04 July 2020.

5. Mrs S. Deva Samyuktha, Assistant Professor

- i. Under gone online training course on ” Outcome Based Pedagogical Initiatives for Effective Teaching and Learning” for one week conducted by AICTE & Matrusri Engg College.

V. Faculty Development Program and Professional Courses (FDP status) Attended (50)

1. Mr. Shaik Mohd. Imran, Assistant Professor

- i. Digital Image Processing using MATLAB (4days)
- ii. Art of Writing Papers and Research Methodologies(7 days)
- iii. Managing Online classes and co-creating MOOCS 2.0 (20days)
- iv. Open Source Tools for Research (7 days)
- v. Moodle Learning Management System (5 days)
- vi. Recent Trends in Civil Engineering (3 days)
- vii. Applications of Remote sensing and GIS in Civil Engineering (4 days)
- viii. Recent Innovations in Civil Engineering (5 days)
- ix. Applications of Remote sensing & GIS in Water Resources (5 days)

2. Shaista Begum, Associate Professor

- i. Art of writing papers and Research methodologies (7 days)
- ii. Recent advances in concrete technologies & sustainable infrastructure (3d)
- iii. Special Concrete & its applications (5 days)
- iv. Trends In Civil Engineering (5 days)

3. P. Kranti, Assistant Professor

- i. Art of Writing Papers and Research Methodologies (7 days))
- ii. Municipal Solid Waste Management during COVID-19 Pandemic(3 days)

4. M. Madhuri, Assistant Professor

- i) Implementation of OBE and Online Teaching (6 Days)
- ii) Sustainable Materials and Pavement Performance: Design, Construction and Maintenance (SMPP) (6 days)
- iii) Art of Writing papers and Research Methodologies (7 Days)
- iv) Open-Source Tools for Research (7 days)
- v) Moodle Learning Management System (6 days)
- vi) Recent Trends in Civil Engineering (6 days)
- vii) Application of Remote Sensing and GIS in Civil Engineering (4 days)
- viii) Recent innovations in Civil Engineering (5 days)

5. Md. Alauddin, Assistant Professor

- i. Moodle Learning Management System (6 days)
- ii. Municipal Solid Waste Management during COVID-19 Pandemic (3 days)
- iii. Art of Writing Papers and Research Methodologies (7 days)
- iv. 7001-Remote Sensing & GIS Technology and Applications for University Teachers & Government Officials (3 weeks)
- v. Artificial Intelligence (5 days)

6. Pallavi Sirohi, Assistant Professor

- i. Art of writing papers and Research methodologies (7days)
- ii. Recent advances in concrete technologies & sustainable infrastructure (3days)
- iii. Open-Source Tools for Research (5 days)
- iv. Multi-Disciplinary Approaches in Civil Engineering

7. S. Deva Samyuktha, Assistant Professor

- i. Trends in Civil Engineering (5 days)
- ii. Art of Writing Papers and Research Methodologies (7 days)
- iii. Recent Advance in concrete Technology and sustainable Infrastructure (3 days)
- iv. Completed Five days Online Elementary FDP on “NON DESTRUCTIVE TESTING & EVALUTION” organised by AICTE ATAL NIT, Srinagar .
- v. Completed Five days Online Elementary FDP on “CONTEMPORARYADVANCES IN SUSTAINABLE & INTEGRATED INFRASTRUCTURE” organised by AICTE ATAL NIT, Srinagar .
- vi. Completed Five days Online Elementary FDP on “CONTEMPORARYADVANCES IN SUSTAINABLE & INTEGRATED INFRASTRUCTURE” organised by AICTE ATAL NIT, Srinagar

8. Mohd. Shahed Ali, Assistant Professor

- i) Future Tech 2020(5 days)
- ii) Recent Advances in Concrete Technology & Sustainable Infrastructure (3 days)
- iii) Municipal Solid Waste Management during COVID-19 Pandemic
- iv) Multi-Disciplinary Approaches in Civil Engineering (5 days)
- v) Out Come Based Education(3 days)
- vi) Architectural design using Sketchup-((3 days)
- vii) Trends in Civil Engineering (5 days)
- viii) Art of Writing Papers and Research Methodologies (7days)

9. Dr. Bandita Naik

- i) Waste Management & its Impact on the Environment(6 days)
- ii) Multi-Disciplinary Approaches in Civil Engineering (5 days)
- iii) Hydrological Modelling with RS and GIS with special reference to climate change(6 days)
- iv) Open Source Tools for Research (7 days)
- v) Managing Online classes and co-creating MOOCS 2.0(21 days)
- vi) Outcome Based Education- FDP (3 days)
- vii) Applications of Remote sensing and GIS in Civil Engineering(4 days)
- viii) industry Perspectives in Civil Engineering (1days)
- ix) Recent Trends in Civil Engineering” (6 days)
- x) Art of Writing Papers and Research Methodologies (7days)
- xi) Time Series and Panel Data Analysis (7 days)
- xii) Faculty Development Program on AI & Deep Learning(12days)

10. Mrs. P. Sai Shraddha

- (i) Participated in One Week Faculty Development Programme on “Performance of Engineering Structures Under Extreme Loading” organised by Department of Civil Engineering, Vignana Bharathi Institute of Technology From 8th June – 13th June,2020.
- (ii) Completed One Week Online FDP on “Recent Trends in Civil Engineering” organised by Department of Civil Engineering , Balaji Institue of Technology and Science- Narsampet From 6th July – 11th July,2020 .
- (iii) Participated in a Five day Online Faculty Development Program on “Multi-Disciplinary Approaches in Civil Engineering” from 29.06.2020 to 03.07.2020 organised by Department of Civil Engineering, NNRESGI.
- (iv) Attended Faculty Development Program and successfully completed online activities, involving 3 days of video lectures and hands-on work on “Outcome Based Education (OBE) Faculty Development Programme” Organized by Department Of CS&E, IQAC, ACM & CSI Chapters of KITS Guntur in association with IIT Kharagpur during 8 July,2020 – 10 July,2020.
- (v) Attended Three day online Faculty Development Program on “RECENT ADVANCES IN CIVIL ENGINEERING” organized by Department of Civil Engineering, GCEM from 27 July ,2020 to 29 July, 2020.

11. Dr. Akshay S. K. Naidu

- i. Managing Online classes and co-creating MOOCS 2.0 (20days)
- ii. Moodle Learning Management System (5 days)

12. Mr. Srikanth Renikunta

- Attended one week AICTE Margdarshan FDP (online) on Art of Writing Papers and Research Methodologies, during 07-May-2020 to 13-May-2020. (7 days)
- Attended Workshop (Self-Paced) on “Effective and Efficient Online Teaching in the Age of Corona” using “IIT Bombay, BodhiTree Platform” , 16-May-2020 (5 days)
- Participated IGBC's Green Building Congress 2021 International Conference & Expo on Green Built Environment on 18, 19 & 20 November 2021 at CII HIVE - Virtual Platform.

VI. NPTEL/SWAYAM Courses by Faculty (5)

Gold = 02; Silver = 0, Elite =1; Passed = 2

I. Pallavi Sirohi

1. Course: **Project planning & Control**

Duration: 12 weeks online (July – Nov 2020)

Organized by IIT Madras

Awarded: Gold Certificate

2. Course: **Reinforced Concrete Bridges**

Duration: 12 weeks online

Organized by IIT Kharagpur

Awarded: Elite Certificate (July – Nov 2020)

3. Course: **Natural Hazards**

Duration: 8 weeks online

Organized by IIT Madras

Awarded: Pass Certificate (July – Nov 2020)

II. Mohd. Shaik Imran

1. Course: **The Joy of Computing Using Python**

Duration: 12 weeks online (July – Nov 2020)

Organized by IIT Madras

Awarded: Elite - Silver Certificate

2. Course: **Scientific Computing Using MATLAB**

Duration: 12 weeks online (July – Nov 2020)

Organized by IIT Madras

Awarded : Pass Certificate

VII. Student Performance and Achievements

(A) Final Semester Results

AY	Semester	Section	No. of passed	Total strength	Pass percentage
2020-21	VIII	A & B	117	123	96.12%

(B) Result Analysis for I Semester (Odd Sems)**CE – VII SEM (SECTION – A & B)**

Subjects	No. of Attd.	No. of passed	No. of failed	No. of Absent	Overall Pass %
SEDD-II Structural Engg. Design & Drawing-II (STEEL) Mrs.C.Chandana Priya	112	108	4	0	96.4
E&S –Estimation Costing & Specifications Ms.Shaga Archana	112	104	8	0	92.8
FET- Finite Element Techniques Mrs.Mary Soujanya	112	69	43	1	62.1
PSC-Prestressed Concrete Mrs.Kranti Puramshetti	112	103	7	2	93.6
FE-Foundation Engineering Mr.M.Sambasiva Rao	112	108	0	4	100
EPR- Entrepreneurship Mrs.Gayatri Lahari	112	106	4	2	96.3
SE-Software Engineering Mr.Uday Kumar	112	108	0	4	100
Computer Application Lab Mrs.Shaista begum / Mrs.C.Chandana Priya	112	111	0	1	100
Project Work –I Mr.M.Sambasiva Rao/Mrs.Pallavi Sirohi Ms.Archana Shaga	112	112	0	0	100
Summer Internship Mr.M.Sambasiva Rao / Mrs.Pallavi Sirohi	112	112	0	0	100
OVERALL PASS PERCENTAGE					53

SUMMARY	No
1.Number of Students appeared	112
2.Number of Students Passed	59
3. Number of Students failed in single subject	43
4.Number of Students failed in all subjects	0
5.Number of Students Detained	0
6.Number of Students Mall - Practiced	0

CE – V SEM (SECTION – A & B)

Subjects	No. of Attd.	No. of passed	No. of failed	No. of Absent	Overall Pass %
HE- Hydraulic Engineering Mr.G.Anudeep	124	96	18	06	77.4
SEDD-Structural Engineering Design & Detailing Mrs.Shaista Begum	127	70	57	03	55.1
GTE- Geotechnical Engineering Mr.M.Sambasiva Rao	126	82	44	04	65.0
HWRE-Hydrology and Water Resources Dr.Bandita Naik	123	92	31	7	74.7
TE-Transportation Engineering Mr.D.Bharat Naik	126	119	7	4	94.4
SA-I – Structural Analysis Mr.Hema Venkata Sekhar	125	99	26	5	79.2
Fluid Mechanics Lab Mr.V.V.Vijaya Kumar / Mrs.P.Kranti / Mr.G.Anudeep	126	126	0	4	100
Geotechnical Engineering Lab Ms.S.Archana /Mrs.S.Deva Samyuktha	124	122	2	6	98.3
Transportation Engineering Lab Mr. R.Srikanth / Mr.D.Bharath Naik / Mr.Md.Shahed Ali	126	126	0	4	100
OVERALL PASS PERCENTAGE					41.7

SUMMARY	No
1.Number of Students appeared	127
2.Number of Students Passed	53
3. Number of Students failed in single subject	12
4.Number of Students failed in all subjects	0
5.Number of Students Detained	0
6.Number of Students Mall - Practiced	0

CE – III SEM (SECTION – A & B)

Subjects	No. of Attd.	No. of passed	No. of failed	No. of Absent	Overall Pass %
EM – Engineering Mechanics Mrs.Pallavi Sirohi	146	92	54	3	63
SM – Solid Mechanics Dr.Akshay S.K. Naidu	145	95	50	6	65.5
EG – Engineering Geology Ms.M.Madhuri	142	126	16	4	88.7
SUR & GEO – Surveying & Geomatics Mr.Shaik MD Imran	146	94	52	2	64.3
ESE – Energy Sciences & Engineering Mr.Ali Ahmed	141	125	16	5	88.6
IP – Industrial Psychology Mr. Lalit Narayana	143	141	2	3	98.6
BE – Biology For Engineering Mr.N.Sunil Kumar	143	128	15	3	89.5
Engineering Geology Lab Ms.M.Madhuri / Dr.Bandita Naik	143	142	1	3	99.3
Survey Lab Mr.Shaik MD Imran / Mr.Allauddin.	142	141	1	4	99.2
OVERALL PASS PERCENTAGE					43.15

SUMMARY	No
1.Number of Students appeared	146
2.Number of Students Passed	63
3. Number of Students failed in single subject	26
4.Number of Students failed in all subjects	0
5.Number of Students Detained	0
6.Number of Students Mall - Practiced	0

(C) Result Analysis for II Semester (Even Sems)

CE – VIII SEM (SECTION – A & B)

Subject (Faculty Name)	No. of Attd.	No. of Pass	No. of Failures	No. of Absent	Pass %
(PC 801CE) Construction Management & Technology (CMT) (Mrs. Pallavi Sirohi)	120	108	12	03	90.00
(PE 824 CE) Introduction to Climate Change (ICC) (Dr.Bandita Naik)	121	117	03	03	96.69
(PE 834 CE) Intelligent Transportation Systems (ITS) (Mr.R.Srikanth)	119	119	Nil	04	100.00
(PE 842 CE) Principles of Green Building Practices (PGBP) (Dr.K.Santosh Kumar)	119	119	Nil	04	100.00
(MC 901 EG) Gender Sensitization (GS) (Mrs. Hephzibah)	119	117	03	04	98.31
(MC 952 SP) Mandatory Course (NSS) (Mr.D.Bharath Naik)	123	123	Nil	Nil	100.00
(PW 961 CE) Project Work-II (Dr.Bandita Naik/ Mrs Shaista Begum)	122	122	Nil	01	100.00
Overall Pass %					92.68

CLASS TOPPER: (160717732331) Mr. GOUTHAM SRIVASTAV **8.8 SGPA**

SUMMARY	No.
1. Number of Students appeared	123
2. Number of Students Passed	117
3. Number of Students failed in single subject	11
4. Number of Students failed in all subjects	NA
5. Number of students detained	NA
6. Number of students mall – practiced	NA

CE – VI SEM (SECTION – A & B)

Subject (Faculty Name)	No. of Attd.	No. of Pass	No. of Failures	No. of Absent	Pass %
(PC 331CE) Environmental Engineering (EE) (Ms.Shiphali Preeti Aind)	129	129	0	0	100
(PC332CE) Estimation and Specifications (E&S) (Mrs.P.Sai Shraddha)	128	125	03	04	97.65
(PC303CE) PE-1: Foundation Engineering (FE) (Mr.Sk.Md.Imran / Ms.Vedhasri)	128	81	47	04	63.28
(PC309CE) PE-3: Steel Structures (SS) (Mrs.Shaista Begum)	127	104	23	05	81.88
(PE305CE) PE-2: Design of Concrete Structure-I (Mrs.Shaista Begum / Mrs.Prasanna kumari)	69	45	24	01	65.21
(PE306CE) PE-2: Traffic Engineering & Management (Ms.M.Madhuri)	58	31	27	04	53.44
(OE601EG) OE: Soft skills & Interpersonal skills (Mr.Linga Murthy)	70	69	01	02	98.57
(OE601EG) OE: Human Resources Development and Organization (Mr.Shyam Sunder)	58	58	00	02	100%
(PE361CE) Environmental Engineering Laboratory (EE Lab)/ (Dr.K.Santosh Kumar)	129	129	00	03	100%
(PE362CE) Computer Applications Laboratory (Mrs.Shaista Begum/ Mrs.P.Prasanna Kumari)	128	126	02	04	98.43
(PE363CE) Hydraulics Laboratory (HM Lab) (Dr.Bandita Naik /Mr.G.Anudeep / Ms. Shiphali Preeti Aind)	127	124	03	05	97.63
Overall Pass %					37.20

CLASS TOPPERS:

1. (160718732301) Mr. A. VENKATESH - **8.71 SGPA**
2. (160718732308) Mr. BENDULA DINAKAR - **8.71 SGPA**

SUMMARY	No.
1. Number of Students appeared	129
2. Number of Students Passed	48
3. Number of Students failed in single subject	43
4. Number of Students failed in all subjects	NA
5. Number of students detained	NA
6. Number of students mall – practiced	NA

CE – IV SEM (SECTION – A & B)

Subject (Faculty Name)	No. of Attd.	No. of Pass	No. of Failures	No. of Absent	Pass %
(HS201EG) Effective Technical Communication in English (ETCE) (Mr. Linga Murthy)	143	140	03	01	97.90
(HS202CM) Finance & Accounting (F&A) (Ms. Swathi)	142	133	09	02	93.66
(BS205MT) Mathematics-III (M-III) (Dr.Swathi Mathur / Mrs.G.Swapna)	143	104	39	01	72.72
(ES212ME) Elements of Mechanical Engineering (EME) / (Mr.V.Guru Vishnu)	142	123	19	02	86.61
(PC231ME) Mechanics of Materials and Structure (MMS)/ (Dr.Akshay.S.K.Naidu / Mr.P.Srikanth)	141	64	77	03	45.39
(PC232CE) Fluid Mechnaics (FM) (Mr.G.Anudeep)	138	118	20	06	85.50
(PC233CE) Materials Testing and Evaluation (MTE) (Mr. Shaik Mohd Imran / Mrs.P.Sai Shraddha)	141	127	14	03	90.07
(PC261CE) Solid Mechanics (SM-Lab) (Mrs.M.Mary Soujanya/ Ms.Vedhasri)	140	119	21	04	85
(PC262CE) Material Testing and Evaluation (MTE-Lab) (Ms.M.Madhuri / Mrs.P.Saishraddha)	140	136	04	04	97.14
Overall Pass %					34.96

CLASS TOPPER: 1. (160719732317) RAJAGARI JETTY ARCHANA 8.23 SGPA

SUMMARY	No.
1. Number of Students appeared	143
2.Number of Students Passed	50
3. Number of Students failed in single subject	41
4.Number of Students failed in all subjects	NA
5. Number of students detained	NA
6. Number of students mall – practiced	NA

(B) Co-curricular achievements

S. No	Date	Name of the event	Venue	Name of the student	Type of Event
1	Jan-20	Training on startups /entrepreneurship	Ed Venture Park	Shaik Ahmed	Internship Training

(C) Placements

S.No	Academic Year	No. of Placements	No. of Companies Recruited	Core Placements	Other Placements	Average pay per annum
1	2019-20	04	04	04	--	Rs.165000.00

List of Students placed for the Academic Year 2020-21

S.No	Roll No	Name of the student	Designation	Organization
1	160717732041	Javeria Nikhat	Trainee Analyst	HCL (Savantis)
2	160717732072	M.Binduka	Trainee Analyst	HCL (Savantis)
3	160716732076	Abdul khaliq	Trainee Analyst	HCL (Savantis)
4	160717732083	Darmaji Mamatha	Trainee Analyst	HCL (Savantis)
5	160717732307	Pedduri Sravanthi	Trainee Analyst	HCL (Savantis)
6	160717732321	Palangthod Naresh	Trainee Analyst	HCL (Savantis)
7	160717732324	Komera Sai Tejasvi	Trainee Analyst	HCL (Savantis)
8	160717732329	Anil praveen kalal	Trainee Analyst	HCL (Savantis)

9	160717732333	Ammar Hussain	Trainee Analyst	HCL (Savantis)
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(D) Higher Studies

Passed out Year	Name of student	Roll No.	Name of institution joined	Name of program admitted to
2020	E. Rohan	160716732008	NIT(Karnataka)	M.Tech (Geotech)
2020	K. Udayashree	160716732025	JNTU(H)	M.Tech (Special Information)
2020	Syed Zubair Ahmed	160716732066	Amjad Ali Khan College of Business Administration, Hyderabad	MBA
2020	Minhaj Aaliya	160716732318	MJCET	ME (Structures)
2020	Haridas Siddhartha	160716732005	IIT Guwahati	M.Tech (WRE)
2020	Katakam Sumanth	160716732004	NIT-Warangal	M.Tech. (RS & GIS)
2020	Kummari Rajasekhar	160716732035	NIT-Suratkal	M.Tech. (RS & GIS)

Dr. Akshay S. K. Naidu

HOD CE Department



METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

List of Students Pursuing Higher Education - Batch 2017-2021

S.No	Hall Ticket Number	Name of the Student	Name of the Degree	Institute/University	Entrance Exam
1	160716732076	Abdul khalique	M S in construction management	Bradley University	NA
2	160717732045	Mohammed saad ul hasan	M.E civil (construction management)	Lords engineering college	NA