

Data for January-June, 2023

Department of CE, PVPSIT

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

The department of Civil Engineering organized ---

- i. A training on “Land Survey by using Total Station” for IV Year students of CE during 06th to 10th February 2023. Resource person: Ladder Survey Pvt. Ltd., Chennai. Coordinators: Dr.K.Shyam Prakash



భూ సర్వేపై టోటల్ స్టేషన్ శిక్షణ ప్రారంభం

పెనుమలూరు, ప్రియవతి ఆఫ్ ప్రాజెక్ట్స్ ప్రైవేట్ లిమిటెడ్ నిర్వహణలో ఉన్న భూ సర్వే పాఠశాలలో టోటల్ స్టేషన్ శిక్షణ కార్యక్రమం యర్రోలు పాటు ఆనగా 6వ రోజు వరకు 10వ తేదీ వరకు నిర్వహిస్తున్నారని ఇన్ఫర్మేషన్ ఇచ్చారు. ఈ సందర్భంగా భూశాఖ సీనియర్ ఇంజనీర్ డాక్టర్ కె.కె.శివారావు మాట్లాడుతూ రాజ్ కోటాలో నివేదికలు తయారు చేయడం ప్రాధాన్యత ఉన్నందున, కావున నివేదికలు తయారు చేయడంలో భూశాఖలో ఉన్న వ్యక్తులకు ఈ శిక్షణ కార్యక్రమం నిర్వహించడం ద్వారా భూశాఖలో ఉన్న వ్యక్తులకు అవకాశం కల్పించడం లక్ష్యంగా పెట్టుకుంటున్నామని తెలిపారు. ఈ సందర్భంగా భూశాఖ సీనియర్ ఇంజనీర్ డాక్టర్ కె.కె.శివారావు మాట్లాడుతూ రాజ్ కోటాలో నివేదికలు తయారు చేయడం ప్రాధాన్యత ఉన్నందున, కావున నివేదికలు తయారు చేయడంలో భూశాఖలో ఉన్న వ్యక్తులకు ఈ శిక్షణ కార్యక్రమం నిర్వహించడం ద్వారా భూశాఖలో ఉన్న వ్యక్తులకు అవకాశం కల్పించడం లక్ష్యంగా పెట్టుకుంటున్నామని తెలిపారు. ఈ సందర్భంగా భూశాఖ సీనియర్ ఇంజనీర్ డాక్టర్ కె.కె.శివారావు మాట్లాడుతూ రాజ్ కోటాలో నివేదికలు తయారు చేయడం ప్రాధాన్యత ఉన్నందున, కావున నివేదికలు తయారు చేయడంలో భూశాఖలో ఉన్న వ్యక్తులకు ఈ శిక్షణ కార్యక్రమం నిర్వహించడం ద్వారా భూశాఖలో ఉన్న వ్యక్తులకు అవకాశం కల్పించడం లక్ష్యంగా పెట్టుకుంటున్నామని తెలిపారు.

- ii. A guest lecture on “Handling imbalances in life during studying” for faculty and students of CE on 18th March 2023. Resource person: Ms.B.Mamata, Alumni Member, PVPSIT, Vijayawada. Coordinators: K.V.Subash
- iii. A guest lecture was organised on “Opportunities for Civil Engineers” on 12-01-2023 in ground floor seminar hall. Speakers: Dr.M.Manideep, Dr.N.Sunil.
- iv. A guest lecture was organised on “Career Opportunities in Higher Education for Graduate Engineers" on 24-01-2023 in Room.No.:143. Speakers: Dr.P.Muralidhar, Dr.K.Ravindranath.
- v. An online webinar on “Special Concrete for environmental sustainability” for faculty and students of CE in collaboration with NDLI club on 06th March 2023. Resource person: Y.Madhavi, Alumni Member, PVPSIT, Vijayawada. Coordinators: Ms.G.V.R.Kumari
- vi. A guest lecture on “Programming with java” for faculty and students of CE on 09th May 2023. Resource person: Ms.Palapongu Anusha, Alumni Member, PVPSIT, Vijayawada. Coordinators: K.V.Subash and Ms.G.V.R.Kumari

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

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

a) Seminars/Webinars:

- i. Dr.A.Adilakshmi, K.V.Subash and Mrs.K.Divya participated in webinar on "Green homes- A way of life” organized by Ultra Tech Ltd on 21st January 2023.
- ii. Dr.A.Adilakshmi, K.V.Subash and Ms.G.V.R.Kumari participated in webinar on "Use of FRP in structures” organized by Ultra Tech Ltd on 28th January 2023.
- iii. Dr.A.Adilakshmi and Ms.G.V.R.Kumari participated in webinar on "Cement manufacturing, process and QA/QC” organized by Ultra Tech Ltd on 14th January 2023.

- iv. Dr.A.Adilakshmi and Ms.G.V.R.Kumari participated in webinar on “Selection of suitable chemical admixture for enhancing its performance in concrete” organized by Ultra Tech Ltd on 25th February 2023.
- v. Dr.A.Adilakshmi and Ms.G.V.R.Kumari participated in webinar on “Value added concrete and application” organized by Ultra Tech Ltd on 04th February 2023.
- vi. Ms.G.V.R.Kumari participated in webinar on “Health monitoring of structures through instrumentation” organized by Ultra Tech Ltd on 11th February 2023.
- vii. Dr.A.Adilakshmi participated in webinar on “Preservation, Conservation & Restoration of heritage structures” organized by Ultra Tech Ltd on 18th February 2023.
- viii. Ms.G.V.R.Kumari participated in webinar on “Special concretes for environmental sustainability” organized by NDLI Club on 06th March 2023.
- ix. Dr.A.Adilakshmi, Ms.G.V.R.Kumari and Mrs.K.Divya participated in webinar on “Constructing high performance concrete floor and suitable treatment for performance enhancement” organized by Ultra Tech Ltd on 11th March 2023.
- x. Dr.A.Adilakshmi and Ms.G.V.R.Kumari participated in webinar on “Modern Assessment tools for Di-risking of project cost” organized by Ultra Tech Ltd on 04th March 2023
- xi. Dr.A.Adilakshmi and Ms.G.V.R.Kumari participated in webinar on “Sustainable construction materials: Towards zero carbon” organized by Ultra Tech Ltd on 18th March 2023
- xii. Ms.G.V.R.Kumari participated in webinar on “Expansion joints and bearing of bridges” organized by Ultra Tech Ltd on 25th March 2023
- xiii. Dr.A.Adilakshmi and Ms.G.V.R.Kumari participated in webinar on “Innovative precasting techniques in signature bridge, Delhi” organized by Ultra Tech Ltd on 01st April 2023
- xiv. Ms.G.V.R.Kumari participated in webinar on “Common causes of distresses in the concrete bridges” organized by Ultra Tech Ltd on 08th April 2023
- xv. Ms.G.V.R.Kumari participated in webinar on “Common causes of distresses in the concrete bridges” organized by Ultra Tech Ltd on 08th April 2023
- xvi. Ms.G.V.R.Kumari participated in webinar on “High strength fiber reinforced concrete – Its behavior and application” organized by Ultra Tech Ltd on 15th April 2023
- xvii. Ms.G.V.R.Kumari participated in webinar on “Case studies on rehabilitation measures for bridges” organized by Ultra Tech Ltd on 06th May 2023
- xviii. Ms.G.V.R.Kumari participated in webinar on “Relevance of site effect for earthquake resistant construction” organized by Ultra Tech Ltd on 10th June 2023
- xix. Ms.G.V.R.Kumari participated in webinar on “Seismic retrofitting of reinforced concrete buildings” organized by Ultra Tech Ltd on 17th June 2023
- xx. Ms.G.V.R.Kumari participated in webinar on “Relevance of site effect for earthquake resistant construction” organized by Ultra Tech Ltd on 10th June 2023

- xxi. Ms.G.V.R.Kumari participated in webinar on “Assessment & upgradation of deteriorating reinforced concrete structures: A researcher’s view” organized by Ultra Tech Ltd on 24th June 2023

b) Workshops:

- i. Ms.G.V.R.Kumari participated in International virtual workshop on “Research writing and publications in high impact journals” organized by Lavendry Literary club, India during 13th to 15th February 2023
- ii. Dr.A.Adilakshmi participated in workshop on “Sustainable construction for disaster mitigation” organized by ISET, Guntur during 23rd to 24th March 2023
- iii. Ms.G.V.R.Kumari participated in International virtual workshop on “Thesis writing and Publication” organized by Lavendry Literary club, India during 23rd to 25th March 2023

c) STTP/STCs: -

d) Faculty Development Programmes:

- i. K.V.Subash participated in Faculty Development Program on “Making villages smart” organized by NITTTR, Chandigarh during 27th January to 03rd February, 2023
- ii. K.V.Subash participated in Faculty Development Program on “Sustainable environmental management” organized by NITTTR, Chandigarh during 20th to 24th February, 2023
- iii. K.V.Subash participated in Faculty Development Program on “Low cost housing techniques and practices” organized by NITTTR, Chandigarh during 20th to 24th March, 2023
- iv. K.V.Subash participated in Faculty Development Program on “Evaluation & Rehabilitation of pavements” organized by NITTTR, Chandigarh during 13th to 17th March, 2023
- v. Dr.M.Anupama Ammulu participated in Faculty Development Program on “Making villages smart” organized by NITTTR, Chandigarh during 13th to 17th February, 2023
- vi. Dr.M.Anupama Ammulu participated in Faculty Development Program on “Thesis and research paper writing” organized by NITTTR, Kolkata during 30th January to 03rd February, 2023
- vii. Dr.A.Adilakshmi, Dr.M.Anupama Ammulu and Mrs.K.Divya participated in Faculty Development Program on “Yoga in daily life” organized by PVPSIT, Vijayawada during 13th to 17th February, 2023
- viii. Mr.P.S.V.Bharath participated in Professional Development Program on “Advanced stabilization techniques in construction activities” organized by NITTTR, Chennai during 30th January to 03rd February, 2023
- ix. Dr.A.Adilakshmi and Mrs.K.Divya participated in Faculty Development Program on “Applications of artificial intelligence and machine learning in civil engineering” organized by SRGEC, Gudlalleru during 20th to 25th February, 2023

- x. Dr.A.Adilakshmi participated in Faculty Development Program on “Outcome based education” organized by SES College, Sreekandapuram during 18th to 25th January, 2023
- xi. Ms.G.V.R.Kumari participated in Faculty Development Program on “Effective teaching methodology for the pluralistic classroom” organized by PVPSIT, Kanuru on 25th February, 2023
- xii. Ms.G.V.R.Kumari participated in Faculty Development Program on “Research development and fund grant” organized by PVPSIT, Kanuru on 20th March, 2023
- xiii. Ms.G.V.R.Kumari participated in Faculty Development Program on “Environmental engineering and sustainability – research, technologies and challenges” organized by NITTE Meenakshi Institute of Technology, Karnataka during 27th February to 03rd March 2023
- xiv. Dr.A.Adilakshmi and Mrs.K.Divya participated in Faculty Development Program on “Sustainable repair and rehabilitation of constructed facilities” organized by VIT, Chennai during 13th to 17th February, 2023
- xv. Mrs.K.Divya participated in Faculty Development Program on “Advanced total station” organized by Ladder Survey Institute of Technology, Chennai at PVPSIT, Kanuru during 06th to 10th February, 2023
- xvi. Mrs.K.Divya participated in Faculty Development Program on “Outcome based education” organized by JPM Arts and Science College, Idukki during 16th to 22nd January, 2023
- xvii. Dr.A.Adilakshmi participated in Faculty Development Program on “Sustainable construction techniques” organized by Sathyabama Institute of science and Technology, Chennai during 27th to 31st March, 2023

e) Guest Lectures:

- i. Dr.K.Mukherjee and K.V.Subash participated in guest lecture on "Ready mixed concrete” organized by VRSEC, Vijayawada on 21.01.2023
- ii. K.V.Subash participated in guest lecture on "Eco friendly living and construction practices” organized by Institution of Engineers (India), Vijayawada on 12.05.2023

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

- i. K.V.Subash participated in interactive session with IIT Madras Professors on occasion being a “NPTEL Discipline star” on 12.06.2023

g) Conferences: -

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

a) Scopus indexed journals:

- i. K.V.Subash, K.S.Nitin Chowdary(18501A0121), V.Varun Gopal (18501A0157), G.Kamalesh (18501A0117) published a paper on "Development of optimum sustainable metakaolin replaced cement concrete based on homogeneity, compressive strength and

rapid chloride ion penetration” in Materials today proceedings, ISSN: 2214-7853, 2023, <https://doi.org/10.1016/j.matpr.2023.01.061>

b) SCI/SCIE indexed journals: -

c) IEEE/Springer journals: -

d) UGC/other journals:

- i. Dr.K.Ramesh published a paper on ”Effect and influence of GGBS on properties of ambient cured self-compacting geopolymer concrete” in *ARPJ Journal of Engineering and Applied Sciences*, ISSN:1819-6608, Pg. 451-465, Vol.18, No.5, March 2023, pp.451-465
- ii. Ms.G.V.R.Kumari published a paper on “A case study on the evaluation of surface water body sediments” in *European chemical bulletin*, ISSN: 2063-5346, Pg.6662-6668, Vol. 12 (S6), 2023

e) Conference Proceedings:

- i. Dr.M.Anupama Ammulu published a paper on “The Essence of All Cancer Immunotherapy is Therapeutic Vaccination” in *International Journal for Innovative Engineering and Management Research*, ISSN: 2456-5083, Pg.79-90, Vol. 12 (3), 2023.
- ii. Dr.M.Anupama Ammulu published a paper on “Assessment of Data on Awareness of Food Safety and Labelling” in *International Journal for Innovative Engineering and Management Research*, ISSN: 2456-5083, Pg.68-78, Vol. 12 (3), 2023.
- iii. Dr.M.Anupama Ammulu published a paper on “Evaluation of the Synergistic effect of Antimicrobial agents against different strains of Bacteria” in *International Journal for Innovative Engineering and Management Research*, ISSN: 2456-5083, Pg.91-99, Vol. 12 (3), 2023.
- iv. Ms.G.V.R.Kumari published a paper on “Solid waste management: A case study” in *AIP Conference proceedings*, ISSN: 0094-243X, 020085(Pg.1-3), Vol. 2766 (1), 2023.

f) Book chapters: -

g) Books: -

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 guest lecture on "Research Strategies and Methods" at Methodist College of Engineering & Technology, Abids, Hyderabad, Telangana on 27th January 2023.
- ii. Dr.V.Jagadish delivered guest lecture on "Special Concretes" at KSRRM College of Engineering, Kadapa organised on 11th February 2023.
- iii. Dr.V.Jagadish delivered guest lecture on "Significance of concrete mix design" at CR Reddy College of Engineering, Eluru on 25th February 2023.

d. Reviewers of journals:

- i. Dr.K.Mukherjee reviewed papers in ‘Journal of cleaner production’-SCIE Indexed
- ii. Dr.K.Mukherjee reviewed paper in ‘International Journal of Geotechnical Engineering’-Scopus Indexed

- iii. K.V.Subash reviewed papers in ‘Materials today proceedings’ -Scopus Indexed during February 2022.
- iv. Dr.A.Adilakshmi reviewed paper in ‘Environment, Development and Sustainability’- Scopus Indexed
- v. Dr.A.K.Nayak reviewed paper in the ‘Water Resources and Industry’-SCI Indexed.

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

- i. Dr.K.Mukherjee participated in survey on “Future direction of Scopus data” conducted by Scopus during February 2023.
- ii. Dr.K.Mukherjee participated in “Scopus user testing about Scopus author profile” conducted by Scopus during March 2023.
- iii. K.V.Subash appreciated as “NPTEL DISCIPLINE STAR” during January to April 2023 by NPTEL and Centre for continuing education, IIT Madras.
- iv. Dr.A.K.Nayak became a member of Topical Advisory Panel in the “Computation” journal indexed by Scopus and published by MDPI (Impact factor of 2.2).
- v. Dr.A.K.Nayak became a member of Topical Advisory Panel in the “Sustainability” journal indexed by SCIE and published by MDPI (Impact factor of 3.9).
- vi. Dr.A.K.Nayak became Editorial Board member in the “International Journal of Experimental Design and Process Optimisation” published by Inderscience.
- vii. Dr.A.K.Nayak became an Academic Editor in the “The Scientific World Journal-Environmental Chemistry” indexed by Scopus and published by Hindawi.
- viii. Dr.A.K.Nayak became a member of International Editorial Board in the “HBRC Journal” indexed by Scopus and published by Taylor & Francis.
- ix. Dr. A. K. Nayak became an Associate Editor in the “Modern Agriculture (ModA)” journal published by Wiley.
- x. Dr. A. K. Nayak became a member of Editorial Board in the “International Journal of Sustainable Engineering” indexed by Scopus and published by Taylor & Francis.

7. MOOCs courses completed by the faculty:

- i. K.V.Subash completed online project on “Analyzing company performance using ratios” conducted by Coursera Project Network on 18th January 2023.
- ii. K.V.Subash completed in online project on “Create a financial statement using Microsoft excel” conducted by Coursera Project Network on 18th January 2023.
- iii. K.V.Subash completed in online project on “Introduction to valuation with WACC” conducted by Coursera Project Network on 16th January 2023.
- iv. K.V.Subash completed AICTE-FDP “Maintenance and Repair of Concrete Structures” conducted by NPTEL during January to April 2023.
- v. K.V.Subash completed “Design for circular economy” conducted by openSAP during May 23rd to June 21st 2023

8. Industrial Visits:

- i. The 2nd B Tech Civil engineering students along with staff member Dr.K.ShyamPrakash, visited LCC Pvt. Ltd., Namburu on 17th February 2023



9. APSSDC:

- Md.Zaheer Khan completed Training program on “Architectural modelling using AUTO CAD” during 15.02.2023 to 28.02.2023.

10. Students' achievements:

a) Co-curricular Activities:

- Md.Zaheer Khan,U.V.Adi Narendra, V.Lakshmana Swami and Sk.Nemathullah won 1st prize in ‘Seismic table’ of AFOSEC-2023at VRSEC Vijayawada
- P.Thanuja completed Course on “Python Programming: A concise introduction” certified by Coursera on 28.08.2022
- P.Thanuja completed Course on “TCS iON Career edge – Young professional” conducted by TCS iON during 22.01.2023 to 18.02.2023
- U.Vinay Kumar participated in guest lecture on "Eco friendly living and construction practices” organized by Institution of Engineers (India), Vijayawada on 12.05.2023

b) Extra-curricular Activities: -

c) Coursera/NPTEL details of the students: -

10. Higher Education: -

11. Other Information: -
