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## Achievment

a.Dr. Shilpa G.N has published a text book entitled "Energy Management and Audit" with ISBN registered under MSME, Govt. of India.

b.Dr. Shilpa G.N has received the certificate of Appreciation as Reviewer in IEEE International conference on Applied Intelligence and Sustainable Computing , organised by Shri Dharmasthala Manjunatheshwara college of Engineering and Technology, Dharwad. On 16th -17th June 2023.

# Editor's message

- World Environment Day 2023 was celebrated by planting tree saplings
- 6th semester Civil Engineering students along with staff members visited Bugudanahalli Water Treatment Plant
- Dr. Shilpa G.N Dept of EEE published a text book entitled "Energy Management and Audit" with ISBN registered under MSME, Govt. of India.

## Awards and Ph.D.

1. Dr. Hemalatha S awarded PhD under the guidance of Dr.M.Nagaraja, Associate Professor, Department of Physics in the month of June-2023.
2. Sahana Lokesh R (CS) has received the young Research Award-2023 for the Research work done with the article published in IJISP Journal, on the topic "Information Security and Privacy".
3. Best Paper Award has been received for the contribution and honorable achievement in Innovative Research for the article titled "An Optimal Way of VM Placement Strategy in Cloud Computing Platform Using ABCS Algorithm", 8th Edition of International Research, (DOI: 10.4018/IJACI.2021070102) submitted by Dr. Pushpa R, Assistant Professor, Dept. of CSE.

## Participations

- 1.Dr Suma R and Dr Vidyalakshmi K, (IS) have successfully completed the online workshop on "Open Source Tools for Cyber Security" organized by IIT Indore, on 17 - 21, April 2023.
- 2.Prof Roopa T, (IS) has participated in 5 Days International FDP (Online) on "Data Science and Chat GPT", organized by KLE Deemed to be University, in Collaboration with Excel IR, from 15th to 19th May 2023.
- 3.Sahana Lokesh R (CS) has attended 5 days National level FDP on "Cyber Security and Forensics" organized by Dept. of ISE, KIT, Tiptur from 2 - 6, May 2023.
- 4.Prof. Nandini G R, (IS) has successfully completed One Week AICTE-VTU Joint Teachers Training Programme on "Introduction to Cyber Security" from 22 - 26, May'23, organized by VTU, Centre for PG Studies, Muddenahalli, Chikkaballapur.

## Events

\*A Technical Talk by Abhilash G.N., Project Engineer, Wipro-Bangalore, on "Career Guidance and Early Stage Financial Plan-

ning", was organized by ECE Department for 4th Semester Students, on 27/5/2023.

\*Mr. Prajwal Choudhary, Alumnus (CS) of

2022 Batch has delivered a Talk on "Placement Opportunities" for 4th semester students of CSE Department on 13-05-2023.

# Faculty Achievements

1. Dr. H.V. Jayaprakash (Che) delivered an invited talk on "Beat Plastic Pollution" at KIT, Tiptur, on 05.06.2023, on the occasion of world environment day celebrations.
2. Dr. D Rajanaik, Professor, Department of Civil Engineering, delivered a guest lecture on topic "Beat plastic pollution" on the occasion of World Environment Day 2023 organized by Environment Conscious Committee, Sri Siddhartha Dental College and Hospital, Tumakuru.
3. Dr. Raviram, Associate Professor, Dept. of CSE has visited Cambridge College of Engineering for MOCK NBA inspection on 19/06/2023 and also he had visited Don Bosco Institute of Technology for MOCK NBA inspection during November 2022.
4. Dr. Raviram has been the Reviewer for IEEE International Conference on Smart Systems for Applications in Electrical Sciences organized by Siddaganga Institute of Technology, Tumakuru.
5. Dr. H S Annapurna, Associate Professor, Dept. of CSE and Prof. Sahana Lokesh R, Asst. Professor, Dept. of CSE have successfully completed Two days' workshop on "Cyber Security-It's Importance in Educational Institutions" organized by Karnataka Science and Technology Academy [KSTA], Department of Science and Technology, Govt. of Karnataka in association with Karnataka State Higher Education Council [KSHEC], Government of Karnataka during June 15-16, 2023. Registration fee has been reimbursed by the institution.
6. Prof. Veena N D, Assistant Professor, Dept. of CSE and Prof. Bhoomika P, Assistant Professor, Dept. of CSE have attended One Week Training Program (Online) on "Introduction to Python Programming and its Applications" from 19/06/2023 to 23/06/2023 organized by Visvesvaraya Technological University, Belagavi.
7. A Research article titled "A Novel Hybrid Energy Efficient Model using Clustering in Wireless Sensor Network" submitted by Prof. Prathibha S B, Assistant Professor, Dept. of CSE has been accepted in International Journal of Electrical and Electronics Research (ISSN 2347-470X) on 7th June 2023.
8. Sushma M (IS) has successfully completed the NPTEL Online Course on "The joy of Computing using python", during Jan - April 2023, (Reg. Fee of 1000/- paid by SSIT)
9. Prof. Prasanna Kumar M, (IS) has successfully completed the NPTEL course on "Blockchain and its Applications" in May 2023. (Reg. Fee of 1000/- paid by College)
10. Dr. Suma R, Naveen Kumar N, Champakamala S, and Prasanna Kumar M (IS) were the resource persons and delivered talk respectively on the topics: (a) "MS office and Language Software" and (b) "MS Word and Registering and using Digilock" (c) "Computer basics, Management of Emails and Internet Browsing" and (d) "Introduction to HIMS, Cyber security and Safety, and Internet & Wifi usage Policies", at Ashwini Ayurvedic College and Research Centre, Tumakuru, during 16-19, May 2023.
11. Prof. Roopa T presented a paper titled "Multi Authority Attribute Based keyword Search Over Encrypted Cloud data" with students Shruti K.P., Varshitha, and Arbin Taj at the 5th National Conference on "Recent Trends in Computer Science and Information Technology [RTCSIT-2023]" jointly organized by departments of CSE, ISE, AI and ML, Sri Krishna Institute of Technology, Bangalore -560090, India, on Friday 2/6/2023.
12. Prof. Gangadhar M L has presented a paper titled "Face Recognition using Hybrid Biometric Techniques: A Survey" in the International Conference on Advance in Engineering and Technology for Intelligent Systems ICAETIS 2023, organized by Department of Electronics and Telecommunication Engineering, Dayananda Sagar college of Engineering, Bangalore.
13. Dr. Vidyalskmi K, Prof. Roopa T, Prof. Subhash C S, Prof. Rashmi H C, Prof. Pradeep M, Dept of ISE has participated and One Week AICTE-VTU Joint Teachers Training Program on "Introduction to python programming and its applications" from 19th to 23rd June 2023 organized by Visvesvaraya Technological University, Center for PG Studies, VIAT, Muddenahalli, Chikkaballapur.
14. Praveen Kumar C (EE) delivered a Technical Talk at SJMIT, Chitradurga on 31.05.2023 during the induction program of I BE, on the topics: (a) "Applications of chat GPT in Engineering, Innovation and Entrepreneurship" and (b) "Exploring Entrepreneurship and innovation as promising career paths".
15. Bhavani H.S (MCA) has successfully completed NPTEL Online course (scored 82%) on "Programming in Java", during Jan-April 2023 from IIT, Kharagpur, (Reg. Fee of Rs.1000/- paid by College).
16. Divya Prabha (EC) has successfully completed NPTEL Online courses (scored 80%) on "Programming in Java", during Jan-April 2023 from IIT, Kharagpur, (Reg. Fee of Rs.1000/- paid by SSIT).

# Publications

1. Dr. H. V. Jayaprakash, Associate Professor, Department of Chemistry published a research paper entitled "Studies on potentiodynamic polarization of Aluminium 2014 / Albite metal matrix composites" European Chemical Bulletin, Vol-12, Issue-8, pp1204-1211, doi: 10.48047/ecb/2023.12.si8.091 Scopus indexed journal with impact factor = 3.71, ISSN-2063-5346. Q3 journal.
2. M. Nagaraja, Associate Professor, Department of Physics published a research paper entitled "Chromium-doped ZnO nanoparticles synthesized via auto-combustion: Evaluation of concentration-dependent structural, band gap-narrowing effect, luminescence properties and photocatalytic activity", in the SCOPUS indexed journal "Ceramics International" having impact factor of 5.532. <https://doi.org/10.1016/j.ceramint.2023.04.113>.

# Conferences

1. Shilpa G.N., Sheshadri G.S and Natagraj C (EE) published their research paper on "ANN Based STLF for Karnataka State demand" in the 2022 IEEE North Karnataka International Conference (NK Con), which is subsequently published in IEEE Xplorer digital library.
2. Shilpa G.N (EE) is : (a) One of the Editors for the book on "Futuristic trends in Renewable and sustainable energy", to be published by IIP proceedings, Vol 3, 2023. (b) A "reviewer" for the 2nd IEEE International Conference held at Ballari Institute of Technology and Management Ballari, held during 29-30, April 2023.
3. Ashwini K, (ML) has submitted a paper titled "Data Acquisition of Iris and ECG for person Biometric Authentication and Verification" which has been accepted for presentation in the IEEE International Conference on "Smart Systems for Applications in Electrical Science" to be held during 2-3, July 2023, at SIT Tumkur.
4. Five faculty of ML department have been the reviewers for the IEEE international conference to be held during 2-3, July 2023, at SIT, Tumkur.

# Events

1. "National Technology Day" was celebrated by ECE dept., on 11/5/2023. Mr. Girish V, Head-HR, Automotive Electronics-Bangalore, was the chief guest for the event.
2. The CET Pre-counselling Guidance Programme, coordinated by the Admission Cell of SSIT, was held on 26.05.2023 at SSIT Campus, in association with the Printers (Mysore) Pvt. Ltd. (The DH & PV Daily Group). Sri Oliver Hesly, GM (Sales) PV Group, was the Guest of honour. Sri Jayasheel P.J, Ex. Asst. Nodal Officer, Tumkur was the resource person.
3. The "Open-House 2023" event was organised at SSIT, on Saturday 03.06.2023, Coordinated by Dr. Manjula Y (EC) & Dr. C.B. Rajani (Maths). Many students and parents of various schools and colleges in and around Tumkur city attended the event and got an excellent glimpse of the various activities, CoE and lab performances, Technodea exhibition, etc. at SSIT.
4. The felicitation, "AT HOME" program for final year students was held on 01.06.2023, with all UG & PG students enthusiastically participating in this unique event. Principal, HOD' and selected students from final year shared their feedback in brief about the courses, program curricula, various activities held, etc.,
5. One day workshop on "Artificial Intelligence for Beginners" was organized for 2nd sem. CSE, AI & ML, Data Science branches on 23.05/2023 (Coord: Gopala T and Nirmala G).
6. The Photo session for all employees and final year students of SSIT was held on 02.06.2023, for inclusion in College Magazine - 2023.
7. A Technical talk by Dr. T.L. Purushottama Asst. Prof. (ECE) SIT, Tumkur was organized by department of E&C Engg., for 6th Semester Students and Faculty on 04/05/2023, on the topic "Advanced Driver Assistance Systems" (ADAS).
8. A Technical Talk was organized by ECE Department to 6th Semester Students and Faculty, on 26/5/2023, on the topic "Higher Education and Life in US" by Dr. Ramkumar Srinivasan, Performance Architect, Nuvia-Qualcomm, Bangalore. (Alumnus-2000 Batch - ECE).
9. A Technical Talk by Abhilash G.N., Project Engineer, Wipro-Bangalore, on "Career Guidance and Early Stage Financial Planning", was organized by ECE Department for 4th Semester Students, on 27/5/2023.
10. Mr. Prajwal Choudhary, Alumnus (CS) of 2022 Batch has delivered a Talk on "Placement Opportunities" for 4th semester students of CSE Department on 13-05-2023.



**Participations:**



Planted the saplings in the SSIT campus on the occasion of World Environment Day 2023



6th semester, Civil Engineering students along with staff members visited Bugudanahalli Water Treatment Plant on 28.06.2023

