

February Month

Guest lecture

The image is a composite of two parts. On the left is a promotional poster for a guest lecture. The poster is for S.A. Engineering College, an autonomous institution affiliated to Anna University, Chennai. It is accredited by NBA, NAAC with 'A' Grade & ISO 9001:2015 Certified Institution. The poster is for the Department of Civil Engineering, which organizes a guest lecture on "BIM based Structural Design Flow" on 21-02-2024 at 10:00 AM in the Civil Seminar Hall. The speaker is Ms. Sandhya Devarajan, Managing Director of Lupiter Technologies LLP, East Tambaram, Chennai - 89. The poster also includes contact information: (044) 2680 1999, +91 86107 24816, www.saec.ac.in, and saec@saec.ac.in. On the right is a group photograph of approximately 25 people, including students and faculty members, standing in a room.

Guest lecture was organized for the students of Civil Engineering Department on “**BIM Based Structural Design Flow**” on **21.2.2024**. The Guest Speaker was **Ms Sandhya Devarajan Managing Director Lupiter Technologie East tambaram**, She briefed on the planning and work flow methodology and techniques followed using BIM Model Software. The students gained insights on the concepts of using BIM Software for designing work flow in construction practice.

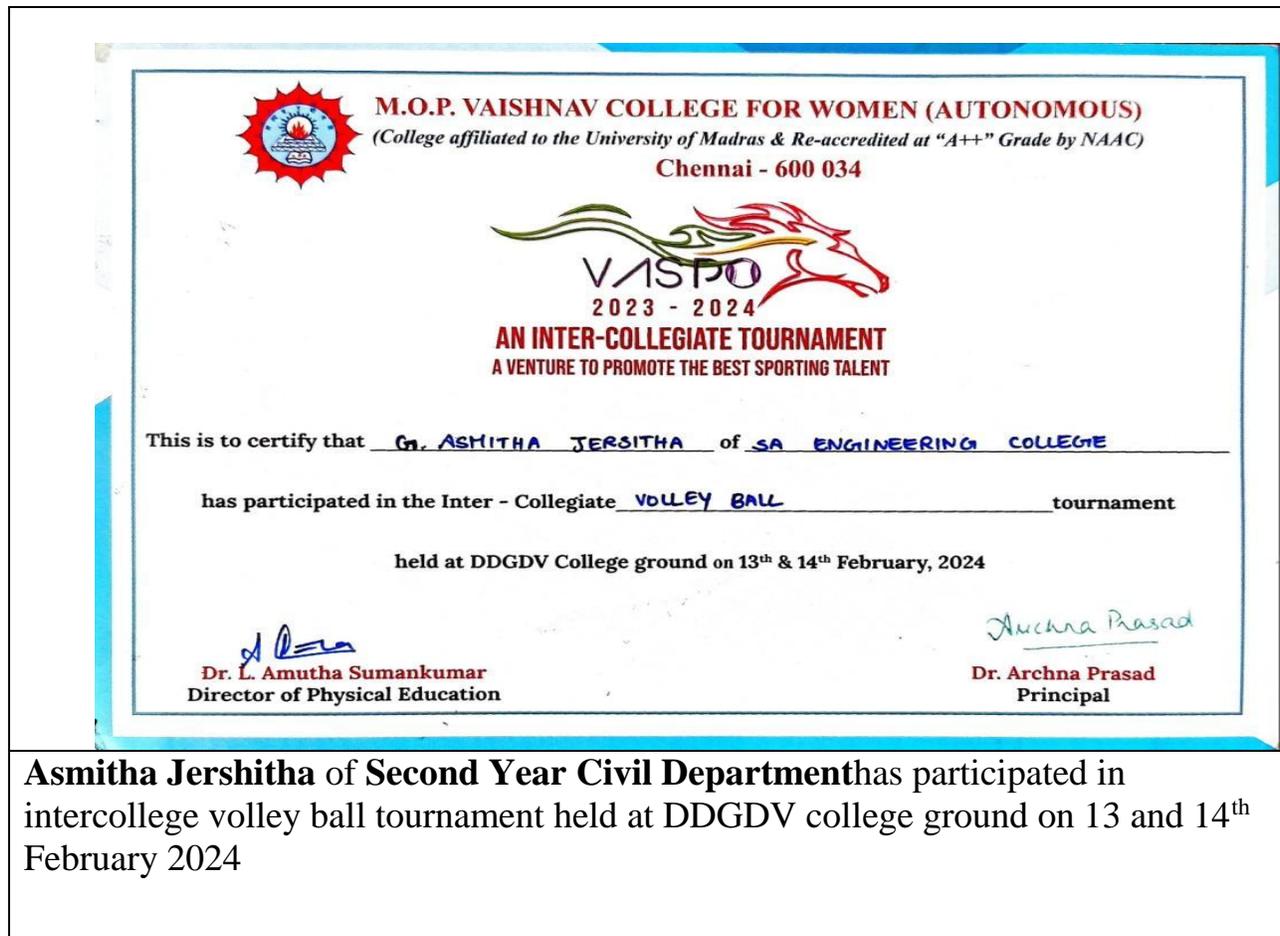
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Guest lecture was organized for the students of Civil Engineering Department in association with IIC on “**Entrepreneurship an Evergreen Career Opportunity for Civil Engineers**” on 20.2.2024. The Guest Speaker was **Dr Kerinab Beenu Professor & Head of the Department Of Management and Business Administration**. The Guest Lecture focused on the importance of Civil Engineering and the roles and responsibilities of civil engineers. The various positions that a civil engineer plays and most important of all “**Entrepreneurship**” was expressed as **basic instinct of all human beings**.

Student achievements

Sports



Asmitha Jersitha of **Second Year Civil Department** has participated in intercollege volley ball tournament held at DDGDV college ground on 13 and 14th February 2024

March Month

Industrial visit



Industrial visit to “**Core Wall Construction**” was organized for the students of Civil Engineering Department on **22.3.2024**. The students gained practical insights on how the panels are fabricated and also gained knowledge on modern construction practices



SERB sponsored Three Day National Workshop on Recent Advances in Land Surveying and Mapping was organized by the Department of Civil Engineering on 13.3.24-15.3.24. The session started with the basic outline of Advanced Surveying Techniques adopted in the field of Civil Engineering. The Guest Speaker was T.Subramani Prof & Head Department of Geology- Anna University inaugurated the session. The afternoon session Hands on Training was provided by Experts on LIDAR. The second day started with the guest speaker introduction followed by the Hands on Training in Drone surveying. The third day the keynote Speaker was Dr.S.Karuppasamy Professor SRM University. The program was organized in such a way that the morning session the guest speakers delivered their keynotes on the Remote Sensing applications and Hands on Training was provided by Experts on latest surveying instruments .

Guest lecture



Guest lecture was organized for the students of Civil Engineering Department on “**Digital Adoption in Project Management**” on **12.03.2024 at 11.00 am**. The Guest Speaker was **Mr.G.Dhanashekar, Professional service consultant, Infinity PMC solutions Pvt, Ltd, Chennai**. He briefed on the concepts and techniques followed in Project Management using digital adoption. The students gained insights on the concepts and the Guest lecture was found to be useful.

Value added course

Department of Civil Engineering organized **Value added course** on “**STAAD Pro**” for the third year students from 18.03.2024 to 26.03.2024. This course has given the basic knowledge on the tools utilization in STAAD and its application to perform analysis on any structure exposed to static, dynamic, wind, earthquake, thermal, and moving loads.



Students achievements

Extra curricular



Saveetha of first year civil department has secured second place in group dance in the **PERI FIESTA** organised by PERI Institute of technology on 14.3.2024

April month

Workshop



The One Day Workshop on Recent Advances in Concrete Technology was organized for the site Engineers on 17.04.2024 at Civil Seminar Hall from 9:30 to 11:00 Am. The Resource Person was **Er.N.K.Muralidharan, Chairman of Indian Concrete Institute**. He highlighted the importance of basic principles and mix design guidelines. The workshop proved to be more useful for the Site Engineers. The practical difficulties faced in the construction field were discussed and solutions for the problems were provided by the expert.

Industrial visit

Department of Civil Engineering organized an Industrial visit for the Civil Engineering students on 16.04.2024, 10.00 am to Waste water treatment plant, Koyambedu, Chennai. In this visit the students gained the knowledge on the unit

operations and unit processes taking place in the wastewater treatment plant to treat the sewage coming from municipality.



Value added course on “Google Sketch up”



Department of Civil Engineering organized Value added course on “**Google Sketch up**” for the second year students from 02.04.2024 to 08.04.2024. SketchUp is 3D modeling software that is used to create and manipulate 3D models of buildings, landscapes, furniture, and other objects. Students obtained hands on training on this software.

May month



Guest lecture was organized for the students of Civil Engineering Department on “**Onsite essentials: Real time applications of Civil Engineering,**” on **06.05.2024 at 3.00 pm**. The Guest Speaker was **Er. D.Pasupathi, Managing Partner, Pasupathi constructions and contractors**. He briefed on the concepts and techniques followed in civil engineering. The students gained insights on the concepts and the Guest lecture was found to be useful



Guest lecture was organized for the students of Civil Engineering Department on “**Construction techniques and practices,**” on **08.05.2024** at **2.00 pm**. The Guest Speaker was **Er.M.Ananadraj, Assistant Engineer, Highways department, Chennai – 25**. He briefed on the concepts construction and techniques followed in civil engineering. The students gained insights on the concepts and the Guest lecture was found to be useful.



Faculty achievements

1. Mrs. G. Deepana Assistant Professor from Department of Civil Engineering has attended a one week faculty development course on topic “Green solution for smart infrastructure development” by Online mode conducted by Geethanjali college of engineering and technology from 29.01.2024 to 02.02.2024 Sponsored by IIC

2. Mr. V. Vinothkanna Assistant Professor from Department of Civil Engineering has attended a one week faculty development course on topic “advancements in biotechnology and chemical engineering” by Online mode conducted by Veltech High Tech Dr Rangarajan Dr Sakunthala Engineering College from 2.01.2024 to 12.01.2024

2. Mrs. G. Deepana Assistant Professor from Department of Civil Engineering has attended a one day Workshop on topic “NEP policy 2020” by offline mode conducted by S.A. Engineering College on 12.02.2024 Sponsored by IQAC.

3. Mrs. G. Deepana Assistant Professor from Department of Civil Engineering has attended a one week faculty development course on topic “Research Paper Writing & Publishing in High Impact Journals”, by online mode conducted by NIT Nagaland 26.02.2024 to 01.03.2024 Sponsored by AICTE

4. Mrs. G. Deepana Assistant Professor from Department of Civil Engineering has attended a one week faculty development course on topic “High Performance Computing in Engineering Applications (HPCEA)”, by online mode conducted by NIT Warangal from 28.02.2024 to 03.03.2024 Sponsored by AICTE

March

5. Mrs. G. Deepana Assistant Professor from Department of Civil Engineering has attended a one Week FDP “Building resistance Infrastructure” by online mode from 24.06.2024 to 28.06.2024 conducted by Vasireddy Venkatadri Institute of Technology

For April:

PAPER PUBLICATION:

1. Mrs. G. Deepana Assistant Professor from Department of Civil Engineering has published a SCI paper in the Earthquake Engineering & Structural Dynamics on

topic “Comparative study on structural behavior of ferrocement wall panels” in Wiley publication Vol 53 Issue 5 PP.1727-1741.

2.Mr.S.Saravanakumar Assistant Professor from Department of Civil Engineering has published a SCI paper in the Journal of Indian society of remote sensing on topic “Pixel reduction of high resolution image using principal component analysis”

3. Mr.S.Saravanakumar Assistant Professor from Department of Civil Engineering has published a IEEE paper on the topic“A smart face biometric verification attendance handling system using artificial intelligence” in international conference on Innovative Computing Intelligent communication and Smart Electrical Systems

4.Mr.S.Saravanakumar Assistant Professor from Department of Civil Engineering has published a IEEE paper on the topic“ Experimental Evaluation Of Smart Credit Card Fraud Detection System Using Intelligent Learning Scheme” in International Conference on Innovative Computing Intelligent communication and Smart Electrical Systems

NPTEL:

1.Mrs. G.Deepana Assistant Professor from Department of Civil Engineering has cleared the NPTEL Course on Topic “Modern Construction materials” A 12 week Course through SWAYAM portal.

2.Mrs. V.Karthika, Assistant Professor from Department of Civil Engineering has cleared the NPTEL Course on NBA Accreditation Teaching learning in Engineering “A 12 week Course through SWAYAM portal

3. Mrs. M.Saranya, Assistant Professor from Department of Civil Engineering has cleared the NPTEL Course on NBA Accreditation Teaching learning in Engineering “A 12 week Course through SWAYAM portal

4Mr.S.Saravanakumar, Assistant Professor from Department of Civil Engineering has cleared the NPTEL Course on NBA Accreditation Teaching learning in Engineering “A 12 week Course through SWAYAM portal

5. Mr. V.VinothKanna, Assistant Professor from Department of Civil Engineering has cleared the NPTEL Course on NBA Accreditation Teaching learning in Engineering “A 12 week Course through SWAYAM portal

6. Mr.S.Saravanakumar, Assistant Professor from Department of Civil Engineering has cleared the NPTEL Course on advanced topics on science and technology of concrete “A 4 week Course through SWAYAM portal

FDP:

1.Mrs. E.Saranyasri Assistant Professor from Department of Civil Engineering 5-day Online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education (AICTE) from 11th March to 15th March 2024.

2.Mrs. M.Saranya Assistant Professor from Department of Civil Engineering 5-day Online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education (AICTE) from 1st April to 5th April 2024.

3..Mrs. G.Deepana Assistant Professor from Department of Civil Engineering has attended a one week faculty development course on topic “Modern Construction materials ” by Online mode conducted by AICTE.

4. Mrs. G.Deepana Assistant Professor from Department of Civil Engineering has attended a one Week FDP “ Universal Human Values-II” by online mode from 15.04.2024 to 20.04.2024 conducted by AICTE.

3. Mrs. G.Deepana Assistant Professor from Department of Civil Engineering has attended a one day Workshop on topic “carbon sequestration techniques and their applicability for low carbon built environment” by online mode on 25.04.2024.

4. Mrs. G.Deepana Assistant Professor from Department of Civil Engineering has attended a one day Workshop on topic “webinar on 3D printing” by online mode on 26.04.2024 Sponsored by ICI.

5.Mrs. G.Deepana Assistant Professor from Department of Civil Engineering has attended a one week faculty development course on topic “Advances in geotechnical engineering” by Online mode conducted by JUIT from 30.04.2024 to 04.05.2024 sponsored by IGS Shimla.

For MAY:

PAPER PUBLICATION:

1.Mrs. G.Deepana Assistant Professor from Department of Civil Engineering has published a SCOPUS paper in the SSRG International Journal of Civil Engineering on topic “Durability Assessment of Grey Water in Performance of Concrete Using Admixture” Vol 11 Issue 5 PP.56-62.

2. Mrs. M.Saranya Assistant Professor from Department of Civil Engineering has Presented a paper in the international conference on core engineering and technology titled experimental study on the behavioral properties of steel and basalt fiber conducted by PERI Institute of technology on 15th May 2024

2.Mrs. E.Saranyasri Assistant Professor from Department of Civil Engineering has Presented a paper in “Performance Evaluation Of Mechanical And Durability Properties Of Self-Compacting Concrete Replaced With Nano-Mineral Additives” in the 2024 Second International Conference on Sustainable Technologies in Civil and Environmental Engineering (ICSTCE 2024) held at Dr. D.Y. Patil Institute of Technology, Pune, Maharashtra, India during 06- 07, June 2024..

4 Mrs.V.Karthika Assistant Professor from Department of Civil Engineering has Presented a paper in the national conference on water and climate titled solar photocatalytic degradation of pharmaceutical compounds using ZnO conducted by vellore Institute of technology on 23.4.2024 -24.4.2024

