

**SOUTH EAST ASIAN EDUCATION TRUST ®**  
**S.E.A. COLLEGE OF ENGINEERING & TECHNOLOGY**  
**(AICTE APPROVED-VTU AFFILIATED & NAAC B++)**



# NEWSLETTER



<b>AY : 2022-2023</b>	<b>EDITION : JANUARY2024</b>	<b>EDITOR : RAMESH S BUJARI</b> <b>STUDENT EDITOR: SWETHA</b>
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## ABOUT S.E.A.C.E.T.

S.E.A College of Engineering and Technology (SEACET) is established by our Founder Chairman Sri A.Krishnappaji in the year 2007 under SEAET, offering world-class infrastructure and teaching facilities to uphold the traditional Indian values. The thrust here is to blend thoroughly the modern and the traditional education. An effort is made in the institution not only to raise the self-esteem of the student but to train him to respect others also.

Initially, it started functioning with Computer Science and Engineering, Electronics and Communication Engineering, Information Science and Engineering and Mechanical Engineering branches, offering 4 years duration Degree Programme in Engineering. Two years duration Masters Programme in Master of Business Administration (MBA) was added in the year 2008-09 where as a 4 year duration degree programme in Civil Engineering was introduced in the year 2009-10. Later on the branches like IOT,AIML ,Agricultural Engineering and Artificial Intelligence and data structure are also added .The Institution, approved by the Government of Karnataka ,All India Council of Technical Education, New Delhi is presently affiliated to the Visvesvaraya Technological University (VTU), Belagavi, Karnataka. The Institution is certified with ISO standards and accredited with NAAC B++.

## ABOUT our founder Shri;A.krishnappaji



Shri;A.Krishnappaji





Our honourable Shri. shri;A.Krishnappaji the founder of S.E.A. group of institutions was a dynamic personality.He was born on 10<sup>th</sup> April in the year 1945 at Devasandra,K.R.Puram ,Bengaluru. He completed his education here only.He started his professional life in 1965 in public sector I.T.I factory.He married Mrs.Manjula who has been always great support to him since 1975.He stepped into the field of politics in the year 1985 from Varthuru constituency and ever since achieved many goals. He served as M.L.A, Minister in GOK, KPCC JointSecretary,Secretary,coordinator and then also served as state president of JDS.

Shri.A. Krishnappaji earlier established The BharathiVidyaniketana at Devsandra under which school,PU and Degree college were introduced.

As days went by, his dream and vision lead him to start the S.E.A. Group of institutions in the year 2001 and now we can see this institution spreading his vision far and wide from LKG to PhD in the form of state and ICSE schools,Integrated PU, ITI, Degree, Nursing, Engineering colleges.

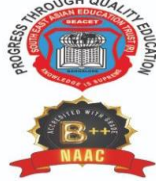
He received “Priyadarshini Award” in 2000, “JawaharalalNeharu award” in 2003, “Rajiv Gandhi Excellency Award” from the global economic progress and research in 2012 and also “Mahatma Gandhi” gold medal for his remarkable achievements for serving the society.

## MESSAGES :

	<p>“Work is Worship” Success is not a one-shot process. It is the result of a continuous improvement after each failure. The fear of failure needs to be captured in order for a person to learn from his failure too. It is an invaluable opportunity to rectify errors and move forward. Failure in working for a good cause is better than success in working for a wrong cause.</p> <p>-----<b>Mrs. Manjula Krishnappa, Chairman, S.E.A.E.T</b></p>
	<p>"Education is the most powerful weapon which you can use to change the world" In the course of last 16 years, many technical &amp; management institutes have sprung up all over the country. Graduates passing out every year are highly optimistic that technical courses ensure a rewarding career. We at S.E.A. C.E.T sincerely believe in multi dimensional growth of the students to compete with the world for success.</p> <p>---<b>Shri. D. T. Shrinivasa, Hon'able Secretary, S.E.A.E.T</b></p>
	<p>This new generation is an interesting one. Most of them were born into a world where technology has always been at the forefront. S.E.A. C.E.T has been helping students write their own stories since its inception. Committed to providing the best jobs by creating life-changing educational opportunities and collaborative learning environments to stay at forefront of innovation in higher education, providing the tools our students need to make them industry ready from day one and make an impact in the world.</p> <p>---<b>Mrs. K. Poornima Shrinivasa, Ex.MLA, CEO- S.E.A.E.T</b></p>
	<p>We at S.E.A. C.E.T sincerely believe in transforming lives of young budding students into socially responsible successful professionals. Proactive scanning of the recent development in technology space, early identification of upcoming needs of the industries, aligning with right partners across the globe, continuous Up Graduation of our infrastructure, facilities, faculty, curriculum, and meticulous execution of teaching and learning process are the hallmark of our value chain to deliver "industry-ready professionals".</p> <p>----- <b>Mrs. K. Anupama, Joint Secretary, S.E.A.E.T</b></p>


## SEMINAR on “BIM: The Revolutionizing MEP Engineering”





**S.E.A COLLEGE OF  
ENGINEERING & TECHNOLOGY**  
AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY & APPROVED BY ALL INDIA COUNCIL OF TECHNICAL EDUCATION (AICTE)

Ekta Nagar, A. Krishnappa Circle, Ayyappanagar  
Devasandra Main Road, Virgo Nagar Post, K.R. Puram, Bangalore - 560 049.




**Sri A. Krishnappaji**  
Founder Chairman  
S.E.A Group of Institutions

### A Seminar on “ BIM : The Revolutionizing MEP Engineering ”


**Organised by**  
**Department of Civil & Mechanical Engineering**

**In association with : IQAC and IIC**



**Mr. Subash**  
Executive Committee Member  
ASSET Society  
And BIM Coordinator Switzerz.

**Date 12/01/2024**  
**Time- 10.30am Onwards**  
**Venue : Civil Seminar hall.**



**INSTITUTION'S  
INNOVATION  
COUNCIL**  
(Ministry of HRD Initiative)

Seminar on “BIM: The Revolutionizing MEP Engineering” was conducted in association with Department of Civil and Mechanical Engineering on 12/01/2024 Time: 10.30 am to 12.15pm. Resource person: Mr. Subash ,Executive Committee member ASSET Society and BMI Coordinator. The dignitaries present during the seminar are Dr. Bhagvanth K Despande(Director-Engineering) ,Dr. B Venkata Narayana(Principal) ,Dr. Suresha P(HoD- Mechanical Engineering) Mr. Nishanth L(HoD- Civil Engineering). Mr. Kuberagouda S B, Mr.Ramesh and Mrs. Niranjani B Co-ordinated the seminar.

### Seminar Report: “BIM: The Revolutionizing MEP Engineering”

Mechanical, Electrical, and Plumbing (MEP) software plays a crucial role in the design, construction, and maintenance of building systems. These systems encompass the mechanical components (such as HVAC systems), electrical systems (including lighting and power distribution), and plumbing systems (covering water supply and drainage). The integration of MEP software has significantly enhanced the efficiency and accuracy of these processes. Here's a comprehensive report on MEP software:

#### Overview:

##### 1. Purpose:

MEP software serves the purpose of streamlining the design, analysis, and documentation of building systems. It facilitates collaboration among architects, engineers, and contractors, ensuring a seamless workflow throughout the project lifecycle.

**Trimble MEP:** Offers a range of solutions for MEP contractors, including estimating, project management, and field solutions.

## **2. Key Features:**

**3D Modeling:** Allows for the creation of detailed 3D models of MEP systems, improving visualization and coordination.

**Simulation and Analysis:** Enables engineers to simulate and analyze the performance of MEP systems, optimizing energy efficiency and functionality.

**Documentation:** Automates the generation of construction documents, reducing errors and ensuring consistency.

**Collaboration:** Supports collaborative work by providing a platform for real-time communication and data sharing among project stakeholders.

## **Benefits:**

### **1. Efficiency:**

MEP software automates repetitive tasks, reducing design time and minimizing errors.

Integration with Building Information Modeling (BIM) enhances coordination between different disciplines involved in a project.

### **2. Accuracy:**

3D modeling and simulation tools improve accuracy in system design and performance predictions.

Automated documentation reduces the likelihood of errors in construction and maintenance.

### **3. Cost Savings:**

Early detection of clashes and issues in the design phase prevents costly rework during construction.

Optimal system design and simulation help in minimizing operational costs over the building's lifecycle.

## **Key Players:**

**AutoCAD MEP:** A widely used software offering from Autodesk, providing tools for drafting, designing, and documenting MEP systems.

**Revit MEP:** Another Autodesk product, specifically designed for BIM and incorporating features for MEP systems design and documentation.

**Navisworks:** Allows coordination and collaboration among different disciplines by combining 3D modeling and project scheduling.

## **Industry Trends:**

### **1. BIM Integration:**

Increasing emphasis on BIM for better collaboration and coordination among different disciplines.

### **2. IoT Integration:**

Growing integration with the Internet of Things (IoT) for real-time monitoring and control of MEP systems.

### **3. Cloud-Based Solutions:**

Adoption of cloud-based MEP software for improved accessibility, collaboration, and data storage.

### **4. Sustainability:**

Software increasingly incorporates tools for designing energy-efficient and sustainable MEP systems.

## **Challenges:**

### **Learning Curve:**

Users may face challenges adapting to the complex interfaces and functionalities of advanced MEP software.

### **Interoperability Issues:**

Ensuring seamless integration with other software tools used in the construction workflow.

### **Cost of Implementation:**

Initial investment and training costs can be significant for small firms.

## Orientation Programme On “Cisco-Cyber Security And PMI Workshop And Certifications”

One Day Orientation on “Cisco-Cyber Security and PMI Workshop and Certifications” was organized by Department of Information Science & Engineering, S.E.A College of Engineering and Technology, Bangalore on 31st January 2024 by Mr. Rambo, Trainer. The timing of the Session was from 11.45 am to 12.45 pm. The event was arranged for Pre-final year and 2<sup>nd</sup> year students. Nearly 60 students participated in this event. The event was presided by Dr. Bhagavant K Deshpande, Director, S.E.A.C.E.T and Dr. B. Venkata Narayana, Principal, SEACET and introduction of resource person was given by Dr. Nijaguna G.S., HOD, ISE, SEACET. The resource person was from Active Edu Technologies India Pvt Ltd.

### About Workshop:

**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**  
Ektanagar, Basavanapura, Virgonagar Post, (K.R.Puram) BANGALORE-560049



Dept of Information Science & Engineering  
**Organizes**



**Orientation on**

**“Cisco-Cyber Security and PMI Workshop and Certifications”**  
**in association with IQAC and IIC**

**31<sup>st</sup> JANUARY 2024**

**Time: 11:45 AM ONWARDS**

**Venue : AC seminar hall**



**Speaker: Rambo**

Trainer,

Active Edu Technologies India Pvt Ltd, Bangalore

## Objective of the Workshop:

The broad objective of this event was to give students' an idea on how to enhance themselves beyond the syllabus that could help in grooming their knowledge and finding jobs. Through this they would gain in-depth ideas on improving their skills.

## Resource Person of the Workshop:

Resource Persons for the Work shop was Mr. RambfromActive Edu Technologies India Pvt Ltd, Bangalore



## DEPARTMENT OF MBA ORGANIZED CSR ACTIVITY AT SAI KRUPA CHARITABLE TRUST

On 12 January, 2024 the department of MBA with III semester MBA students (2022-2023) organized Corporate Social Responsibility (CSR) activity in association with IQAC and IIC S.E.A. College of engineering and technology, Bangalore

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Sri A. Krishnappaji  
Founder Chairman  
S.E.A Group of Institutions

INSTITUTION'S INNOVATION COUNCIL  
(Ministry of Education Initiative)

Department of MBA In association with IQAC

**“NATIONAL YOUTH DAY”**

**CSR Activity**  
**At**  
**SAI KRUPA CHARITABLE TRUST**  
**DATE : 12-01-2024**

Venue : Sai Krupa Charitable Trust, Chikkabasavanapura, K.R.Puram, Bangalore - 36

### Objective:

- To make an awareness among the students to create an positive impact in the society.
- To help the need financially.
- To entertain elder people to feel happy on that day.

All the students took part in this CSR activity with their own involvement. All the faculties and students of MBA department were gathered in the trust at 1:00pm. The department and students together provided lunch to all the orphanages and old-age people staying in the trust, students they themselves initiated to serve by taking the food with their hands. Made unforgettable day by having long talk with elders and entertained them with singing and dancing. Elder people joined our students dancing and singing. Volunterring themselves is one of the main responsibility of each student in the society. Our students volunteered themselves the day with them. Even students also felt responsible in the society with that experience.

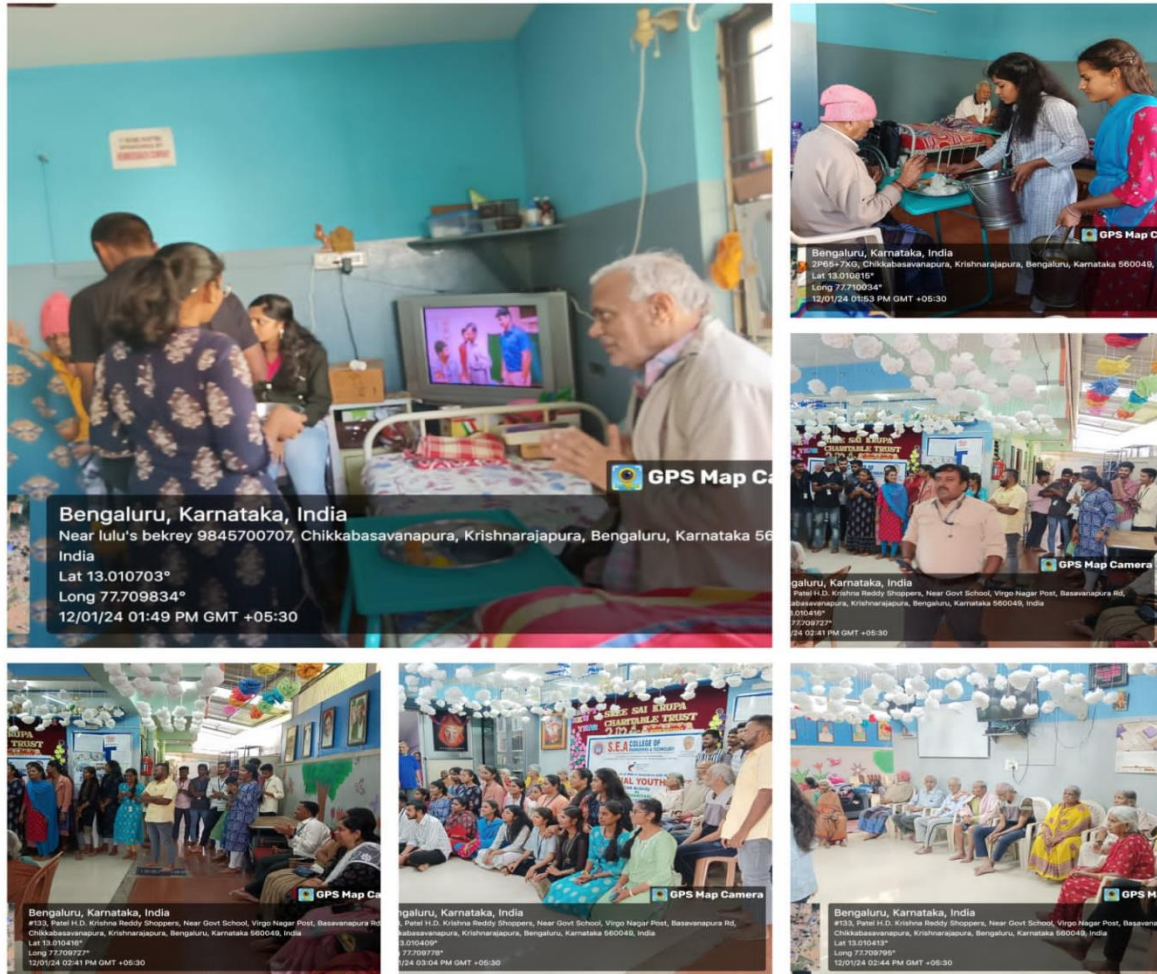
The in-charge of the trust, communicated with the student saying you made a memorable day for elders. She said that elders cannot go out they are sitting in the place so when students have



interacted, they feel very happy and at last she be visiting the trust and make them to feel happy.

**Outcome:**

- Students learned to volunteer themselves for social activities.
- People in the orphanage had fun entertainment with our children



The event was concluded at 12.45pm. The event concluded with the vote of thanks by Mrs.SumithaUdaikumar, AP, ISE, S.E.ACET. The seminar was highly informative to students.

**Outcome:**

Students have learnt and motivated by the speaker on how to skill themselves in various technologies.

## PROGRAMME ON AWARENESS OF VOTING & ITS IMPORTANCE BY NSS-SEACET



The NSS-SEACET conducted the awareness of Voting & its importance and celebrated the NATIONALVOTER'SDAY on 25-01-2024 in the AC Auditorium of SEACET. Dr. Bhagavant K Deshpande, Director (Engineering) addressed the students and delivered the Voter's Pledge to the students. Dr. B Venkata Narayana, Principal of S.E.A. College of Engineering & Technology, highlighted the importance of Voting and delivered the speech on it. He also motivated the students to actively involve in the voting in the coming General Elections. Prof. Sukesh, H.A, NSS Programme Officer, delivered the Vote of Thanks.

### Training and Placement Updates.

Reports and photos on Training and Placement Activities Conducted during the month of  
**JANUARY 2024**

PLACEMENTS & TRAINING events conducted <b>during month of JANUARY 2024</b>	
<u>DATE</u>	<u>EVENTS</u>
03/01/2024	<b>BUFFER ZERO</b> conducted ON Campus recruitment drive for 2024 passing out batch and selected 5 students. 1)SahadathAli.,2)Mohammed Azhar.,3)Ayush Kumar.,4)Aman Dubey.,5)Suman Kumar Jha.
04/01/24	<b>KodNest Technologies</b> conducted ON campus recruitment drive for 2024 Passing out batch and selected 6 students. 1)LikithaC.,2)NusumNagalakshmi.,3)Nabeela Fathima.,4)AshuthoshPrajapathi.,5)Mohammed Azmathulla.,6) Kailash Prasad.
05/01/24	<b>TCS Hack Quest season 8</b> was conducted for 2024 passing out batch. Speaker: Mr. Narendran Ramasamy TAG Head: Cybersecurity.TCS
08/01/24	<b>Apolo facility services</b> conducted Pool campus recruitment drive for 2023 passed out students and invited S.E.A Campus students to participate in the recruitment drive
09/01/24	<b>Jspiders</b> conducted ON campus recruitment drive for 2024 Passing out batch and selected 7 students. 1)Priya Tripathi.,2)Aravind.,3)Chandan Yadav K S.,4)Deepthi R.,5)Nathasha R.,6)Ashuthosh Prajapathi.,7)Anwar Pasha.
11/01/24	<b>Medtonics</b> sent an invitation mail to Campus to conduct the ON Campus recruitment drive on 16/01/24, Students Database shared to the company.
17/01/24	<b>Renault Nissan Technology and Business centre</b> sent invitation mail to Campus to conduct the ON Campus recruitment drive on 22/01/24, Students Database shared to the company.
19/01/24	<b>ASSET Society</b> Invited for the " <b>Elevate 2k24 Placement Strategy</b> " event on January 19th. This exclusive gathering will feature 20 HR Managers and 30 TPOs, creating a dynamic environment to explore strategic placement avenues for your final year students.
23/01/24	<b>IBM</b> conducted Off campus recruitment drive for 2023 passed out students, Registration Link shared to all the CandidaTES.
29/01/24	<b>ExcelR Edtech Pvt. Ltd</b> , sent an invitation mail to Campus to conduct the ON Campus recruitment drive on 16/02/24, Students Database shared to the company.

## FACULTYACHIEVEMNTS

Details of Training /FDP /Project Exhibition attended by faculty during the month of January 2024		
S.No	Faculty Name	Type of Programme (Workshop/FDP/Seminar/Webinar)
1	DrPradeep Kumar N S	Participated in a Two weeks Online <b>Faculty Development Program</b> on “ <b>Opportunities and Challenges in Entrepreneurship</b> ” sponsored by NSTEDB, Department of Science & Technology, Govt. of India held during 03 – 19 <sup>th</sup> JAN 2024conducted by JSSATE Science & Technology Entrepreneurship park, Bengaluru.
2	DhivyaKarunya S	Participated in a Two weeks Online <b>Faculty Development Program</b> on “ <b>Opportunities and Challenges in Entrepreneurship</b> ” sponsored by NSTEDB, Department of Science & Technology, Govt. of India held during 03 – 19 <sup>th</sup> JAN 2024 conducted by JSSATE Science & Technology Entrepreneurship park, Bengaluru.
3	DhivyaKarunya S	Participated in webinar on “Data Analytics” organized by Ghousia College of Engineering, Ramanagara- 562159
4	Gayathiri K	Participated in a Two weeks Online <b>Faculty Development Program</b> on “ <b>Opportunities and Challenges in Entrepreneurship</b> ” sponsored by NSTEDB, Department of Science & Technology, Govt. of India held during 03 – 19 <sup>th</sup> JAN 2024 conducted by JSSATE Science & Technology Entrepreneurship park, Bengaluru.
5	Asha V K R	Participated in a Two weeks Online <b>Faculty Development Program</b> on “ <b>Opportunities and Challenges in Entrepreneurship</b> ” sponsored by NSTEDB, Department of Science & Technology, Govt. of India held during 03 – 19 <sup>th</sup> JAN

		2024 conducted by JSSATE Science & Technology Entrepreneurship park, Bengaluru.
6	DeepaGowda N	Participated in a Two weeks Online <b>Faculty Development Program</b> on “ <b>Opportunities and Challenges in Entrepreneurship</b> ” sponsored by NSTEDB, Department of Science & Technology, Govt. of India held during 03 – 19 <sup>th</sup> JAN 2024 conducted by JSSATE Science & Technology Entrepreneurship park, Bengaluru.
7	Jayashri M	AICTE Training And Learning (ATAL) Academy FacultyDevelopment Program on Basic Mathematical and statistical foundation for cybernetics, criminal laws and cyber security at CITY ENGINEERING COLLEGE from 04/12/2023 to 09/12/2023.
8	Surrendranatha Gowda D C	AICTE Training And Learning (ATAL) Academy FacultyDevelopment Program on Basic Mathematical and statistical foundation for cybernetics, criminal laws and cyber security at CITY ENGINEERING COLLEGE from 04/12/2023 to 09/12/2023.
9	SumithaUdaikumar	AICTE Training And Learning (ATAL) Academy FacultyDevelopment Program on Basic Mathematical and statistical foundation for cybernetics, criminal laws and cyber security at CITY ENGINEERING COLLEGE from 04/12/2023 to 09/12/2023.
10	Dr. S B Anil Kumar	Shared knowledge as a Resource person for 5 days National level online FDP on the theme “ the Enriching up the academicians” for DJ Academy of research and innovations held on 19-01-2024
11	Mrs. Kasturi B S	Attended One day National level virtual workshop on startup Innovation organized by department of commerce HKBKDC on 18-01-2024.
12	N.Gayathri	Attended three days National online Workshop on “AI Tools for Academic Research” on 30, 31 January and 01 February from HI LEARN EDUTECH INSTITUTE

Conference/Journal Publications			
1.	DrPradeep Kumar N S;	<b>“An improved GBSO-TAENN-based EEG signal classification model for epileptic seizure detection”</b>	Scientific Reports, <a href="https://doi.org/10.1038/s41598-024-51337-8">https://doi.org/10.1038/s41598-024-51337-8</a> , 08 JAN 2024.Q1 Journal
2	Dr. D Balaji	A study on customer behaviour towards UPI payments.	Universal research academy ISBN- 9788196468965
3	Dr. Naveen Kumar A (A.P, Physics)	Green combustion synthesis of multifunctional inorganic ZnO:Co <sup>2+</sup> (1–11 mol%) nanoparticles: Electrochemical and photocatalytic applications	Inorganica Chimica Acta 563 (2024) 121924. <a href="https://doi.org/10.1016/j.ica.2024.121924">https://doi.org/10.1016/j.ica.2024.121924</a>