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



AY : 2022-2023	EDITION: JULY 2023	EDITOR : RAMESH S BUJARI STUDENT EDITOR: SWETHA
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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 acreditated 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 vear 1945 at Devasandra, K.R. Puaa 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 Joint Secretary, Secretary, coordinator and then also served as state president of JDS.

Shri.A. Krishnappaji earlier established The Bharathi Vidyaniketana 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, "Jawaharalal Neharu award" in 2003, "Rajiv Gandhi Excellency Award" from the global economic progress and research in 2012 and also "Mahatma Gandhi" gold medal for his remarkabke achievements for serving the society.

#### **MESSAGES:**

# Message from Chairman SECRETARY - S.E.A.C.E.T



"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.

-----Mrs. Manjula Krishnappa, Chairman, S.E.A.E.T



"Education is the most powerful weapon which you can use to change the world"

In the course of last 16 years, many technical & 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 word for success.

---Shri.D.T.Shrinivasa, Hon'able Secretary, S.E.A.E.T



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.

---Mrs.K. Poornima Shrinivasa ,Ex.MLA,CEO- S.E.A.E.T



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".

---- Mrs. K. Anupama, Joint Secretary, S.E.A.E.T

# INTER COLLEGE AND INTRA COLLEGE EVENTS-JULY 2023

# REPORT ON GRADUATION DAY

Graduation day -2023 was conducted in S.E.A College of Engineering & Technology on 16th July 2023. It was held in the multipurpose auditorium. The Chief guests are Mr.Raveesh, SP, Lokayutha, Mr.Rajesh, Software Engineer, Mr.Subbro B Chakraborty, Director, The TNS Foundation, Mr.Vikas BO, Manager, The TNS Foundation (Capgemini), Mr. Arun Dakshina Moorthy, Head-Infrastructure BT, British Telecommunications. The guest of honor was Sri. D.T. Srinivasa, Secretary, S.E.A Group of Institution, Smt. K. Anupama Jt Secretary& Treasurer, Sri. Dr.Brijesh S Yadav, Smt.Vineesha S. Yadav participated. Our honorable secretary inaugurated the function by lighting the lamp and explainied the importance of the event.







# **Group Photos**





## WEBINAR ON THOUGHT LEADERSHIP

A webinar was organized on 22<sup>nd</sup> July, 2023 by the Department of MBA, in association with IQAC and IIC S.E.A. College of Engineering & Technology, Bangalore.

Thought Leadership refers to a strategic approach where an individual or organization establishes themselves as a recognized authority and expert in particular industry, field, or area of expertise. Thought leaders are known for their innovative ideas, insights and valuable contributions to the industry, and they often play a significant role in shaping industry trends and practices

Webinar provides students with a chance to meet leaders, professionals, entrepreneurs who share their wisdom, learning, and experiences. These interactions are useful to students in their career and help them in developing leadership qualities, management skills.

Webinar help students to enhance their interpersonal, communication skills, and teamwork abilities. This webinar has, repeatedly proven to be an excellent platform for networking as the students interact



#### **SEMINAR ON SECURITY AND BASICS OF CYBER FORENSICS**

Seminar on Security and Basics of Cyber Forensics was conducted by Basic Science Department in association with IQAC & IIC in SEA College of Engineering and Technology on 20/7/2023.



College Director Dr.Bhagavant K Deshpande and College Principal Dr.B. Venkata Narayana, First Year Dean Prof. Gayathri Sendil and other department HODs addressed the students for making them to understand the importance of the topic in the current world. Mr. Dhanoop R, Associate Member at National Cyber Safety Security Standards, New Delhi called as the Chief Guest had addressed about Cyber Security and Ethical Hacking with power point presentation. In addition to that he also added The role of cyber forensic experts is becoming much more crucial nowadays due to the increase in cyber crime. According to NCRB, cyber crime has doubled from 2016 to till date, and it is predicted to increase as much as four times than the present day. This shows the importance of law enforcement in solving cyber crime and cyber experts facing various cyber forensics challenges. Welcome speech was given by Dean First Year Mrs. Gayathri Sendil. There was an interaction session between Mr. Dhanoop R and students which helped them to give a well detailed awareness regarding cyber security and Ethical Hacking. 190 Students attended the Seminar.

# PARENT TEACHERS MEETING CONDUCTED ON 21/07/2023



Basic Science Department conducted Parent Teachers Meeting for the 2<sup>nd</sup> Semester students of all the branches on 21/07/2023 Friday from 9. am to 1.pm in SEA College of Engineering and Technology.More than 100 parents attended the meeting. All class teachers discussed the students' attendance percentage, their performance in First Internal Assessment Examination and their First Semester Result in detail with the parents in order to gave them an idea about current academic Performance.Along with that class teachers also highlighted strengths and weaknesses of their child to focus and do the improvement whatever is required.Moreover teachers shared information and overall review about their social interaction, class participation and cooperation.Parents shared their suggestions and reviews about the college facilities and academics through submitting the feedback forms.The meeting concluded with a summary of the discussion on any action points that were agreed upon.The teachers provided contact information for further communication and expressed appreciation for the parents involvement in their child's education.

## FDP Program on Research Skills and Quality Publications

FDP program on research skills and quality publications was organized from 17<sup>th</sup> of July 2023 -21<sup>st</sup> of July 2023 by department of MBA in association with IQAC, IIC SEA College of Engineering and Technology, Bangalore. The program was planned from the college by interacting with different departments and faculty members for the benefit of research scholars. Miss Praveena of final year MBA gave a warm welcome speech to Dr. Brijesh Singh professor, CMRIT Bangalore.

The program aimed to improve the skills of participants in the area of research paper title, research papers key words, where to publish and different publications which provide value to the paper.





#### **INDUSTRIAL VISITS**

An industrial visit was organized on 10<sup>th</sup>July, 2023 by the department of MBA, in association with IQAC and IIC S.E.A College of Engineering and Technology, Bengaluru.

Unibic Foods India Private Limited is a Non-govt company, incorporated on 08 Jul, 2004. It's a private unlisted company and is classified as 'company limited by shares'. Company's authorized capital stands at Rs 8250.0 lakhs and has 99.547485% paid-up capital which is Rs 8212.67 lakhs.

Industrial visits provide students with a chance to meet industry leaders, professionals, entrepreneurs, policymakers, and corporates who share their wisdom, learning, and experiences. These interactions are useful to students in their career and help them in developing leadership qualities, management skills, and learn about the industry working. Industry interaction is also helpful in updating the curriculum when there are significant changes in prevalent technologies; also, the faculty members get to know about the industry's latest trends.

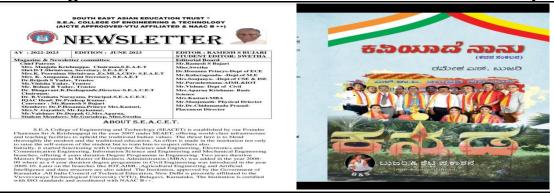






#### Extra curricular eventst

Launching Of SEACET Newsletter & Release of Kannda Poetry Book





SEA CET is always ahead of conducting events comprising of curricular and extra curricular activities like Seminars, Webinars, FDP programmes ,Industrial Visits, Yoga ,Sports, Celebrations, Cultural activities along with Placement and Training activities. To share the reports of all these activities we have decided to bring the monthly Newsletter . It also covers the information about the achievements ,publication details of faculty as well as students. It also provides the platform for students and faculty to publish articles and show the talent in extra curricular activities also. As a part of series of monthly newsletter the programme of launching of SEACET Newsletter has been done and June 2023 edition of News letter has been released on 16th July 2023.

As a of part of encouraging arts and literature the Kannada poetry book "Kaviyade Naanu" written by Mr.Ramesh S Bujari is also released in this occasion.

This program was held in the multipurpose auditorium. The Chief guests Mr.Raveesh, SP, Lokayutha, Mr.Rajesh, Software Engineer, Mr.Subbro B Chakraborty, Director, The TNS Foundation, Mr.Vikas BO, Manager, The TNS Foundation (Capgemini), Mr. Arun Dakshina Moorthy, Head-Infrastructure BT, British Telecommunications. The management dignitaries Sri. D.T. Srinivasa, Secretary, S.E.A Group of Institution, Smt. K. Anupama Jt Secretary& Treasurer, Sri. Dr.Brijesh S Yadav, Smt.Vineesha S. Yadav graced the occasion.

. Training and Placement Updates.

AUDAZ ventures Pvt Ltd conducted Orientation program on 27<sup>th</sup> July 2023. The placement director Dr.Chidananda Prasad, SEACET Director Dr.Bhagavanth Deshapande, HOD of ISE Dr.Nijaguna and HOD of CSE Mr.Sukesh addressed the students.



PLACEMENTS & TRAINING events conducted during month of JULY 2023			
<b>DATE</b>	<u>EVENTS</u>		
3 <sup>rd</sup> July 2023-	,TATA STRIVE Anudip foundation conducted "Placement Interactive session"_for		
	2023 Passed out batch, through Google meet.		
5 <sup>th</sup> July 2023-	TechM is hiring for Customer support for all the UG/PG students.Registration		
	Link shared to all the 2023 passed out candidates		
11 <sup>th</sup> July 202-,	PAI INTERNATIONAL ELECTRONICS LTD conducted Campus recruitment drive		
	for S.E.A Campus 2023 passed out students		
13 <sup>th</sup> July 2023	,Karnataka food manufacturing society conducted Mega recruitment drive for		
	all UG and PG Students of S.E.A Campus.		
15 <sup>th</sup> July 2023,	AFICIONADO Technologies conducted Virtual campus recruitment drive for		
	2023 passed out students (CSE/ISE/ECE) for AI developer.		
16 <sup>th</sup> July 2023,	FLIPKART GRID 5.0 Contest and Hiring for Software development Engineer at a		
	package of 32 LPA and Internship stipends INR 1 Lakh / Month. Registration Link		
	shared to all 2024/2025 passing out batch students.		
18 <sup>th</sup> July 2023,	KAMPHIRE called for Internship hiring for UG/PG Students. Registration Link is		
	shared.		
22 <sup>nd</sup> July 2023	,ACCENTURE Off campus opportunities shared to all the 2023 passed out		
	students of CSE/IS/ECE.		
27 <sup>th</sup> July 2023	,AUDAZ Ventures Pvt Ltd Conducted ORIENTATION PROGRAM for all the 4 <sup>th</sup>		
	semester students of all the branches.		
31 <sup>st</sup> July 2023	,TechM is hiring for Customer support for all the UG/PG students.Registration		
	Link shared to all the 2023 passed out candidates.		

## EDITORIAL.

## **Aerospace Industry And Opportunities.**

The aerospace industry has witnessed significant growth and innovation in recent years, offering a multitude of exciting opportunities across various sectors. This report provides a brief overview of the current state of the aerospace industry and highlights key opportunities for professionals and businesses.

**Overview:** The aerospace industry encompasses a wide range of activities, including aircraft manufacturing, space exploration, satellite technology, and defense systems. It is a critical sector that contributes to economic development, scientific advancement, and national security.

## **Opportunities:**

**Commercial Aviation**: The demand for air travel continues to rise, creating opportunities in aircraft manufacturing, maintenance, and services. Developing more fuel-efficient and environmentally friendly aircraft is a priority, leading to openings in research and development.

**Space Exploration**: With increasing private investment in space, there are opportunities for companies involved in satellite manufacturing, launch services, and space tourism. The exploration of Mars and the Moon also creates openings for engineers and scientists.

**Drone Technology**: The utilization of drones in various industries, such as agriculture, delivery services, and surveillance, offers growth potential. Developing advanced drone technologies and applications is a promising area.

**Aerospace Defense**: National security remains a top concern, leading to opportunities in defense-related projects. Cybersecurity, missile systems, and unmanned aerial vehicles (UAVs) are key focus areas.

**Advanced Materials**: The development of lightweight, durable, and cost-effective materials is essential for aerospace. Opportunities exist for researchers and manufacturers in this field.

**Emerging Markets**: As aerospace technologies become more accessible, emerging markets around the world present growth opportunities for both established companies and startups.

**Sustainable Solutions**: The aerospace industry is under increasing pressure to reduce its environmental impact. Opportunities exist in the development of eco-friendly technologies, alternative fuels, and more efficient manufacturing processes.

**Conclusion:** The aerospace industry is evolving rapidly, with numerous opportunities for individuals and businesses to contribute to its growth and innovation. Whether in commercial aviation, space exploration, defense, or emerging markets, staying at the forefront of aerospace technology and sustainability will be key to success in this dynamic field.

# SPORTS AND YOGA

Sports day celebrations at college was conducted for students as well as faculties for two days(06/07/2023 and 07/07/2023). Both students and faculty has actively participated in the events and made the event grand success. Physical Director Mr.Manjunath initially welcomed all and explained about the discipline and the rules to be followed during the games. SEACET director Dr.Bhagavanth Deshpande,Principal Dr.B.VenkataNarayana and all the faculty and students were actively participated.



# FACULTY ACHIEVENTS: during month of JULY 2023

S.No	Faculty Name	Type of Programme (Workshop/FDP/ Seminar/Webinar)
1	Dr. S B Anil Kumar	5 Days FDP On "Research Skills And Quality Publications" From 17 <sup>th</sup> To 21th July.
2	Dr. Prity Kumari	5 Days FDP On "Research Skills And Quality Publications" From 17 <sup>th</sup> To 21th July.
3	Mrs. Navyashree H N	5 Days FDP On "Research Skills And Quality Publications" From 17 <sup>th</sup> To 21th July.
4	Mrs. Kasturi B S	5 Days FDP On "Research Skills And Quality Publications" From 17 <sup>th</sup> To 21th July.
5	Mrs. S Lisy	5 Days FDP On "Research Skills And Quality Publications" From 17 <sup>th</sup> To 21th July.
6	Mrs. Kasturi B S	National Level Webinar On "From Idea To Market, Navigating The Entrepreneurial Journey" On 18 <sup>th</sup> July
7	Kuberagouda .S.B	5 Days Workshop- "Fatigue & Fracture Mechanics" In HKBK College Of Engineering And Technology From 24/7/2023 To 28/7/2023

Details	Details of Training /FDP /Project Exhibition organised by faculty				
S.No	Name of the Programme	Organising Body	Date of the Program	No of Participant s	
1	Online National Conference on Role of Digital Platforms in Corporate Development and Management (RDPCDM)	SEACET/MBA	27-07-2022	80	
2	5 DAYS FDP ON "RESEARCH SKILLS AND QUALITY PUBLICATIONS" FROM 17 <sup>TH</sup> TO 21TH JULY	SEACET/MBA	17-07-2023 TO 21-07- 2023	80	

Journa	Journal /BooKPublications				
S.No	Faculty	Title of publication	DETAILS		
1.	Mr.Suhas S K	"Optimal Coding Unit Decision For Early Termination In HEVC Using Enhanced Whale Optimization Algorithm"	International Journal of Electrical and Computer Engineering (IJECE)		
2.	Dr.P. Hosanna princye	"Automated detection of cardiac arrest in human beings using auto encoders"	Elsevier, Measurement: Journal of the International Measurement Confederation (IMEKO), Volume 27, June 2023, 100792 (Scopus Indexed Journal)		
3.	MrsDeepagowd a N	IOT using smart garden with weather monitoring system	International Journal Of Advance Research And Innovative Ideas In Education, 05/07/2023		
4	Suresha P	Ant Colony Optimization in MANET for Decreasing Energy Consumption with ML Approaches	2023 IEEE International Conference on Integrated Circuits and Communication Systems (ICICACS)		

S.No	Faculty	Title of publication	DETAILS
1.	Dr.Pradeep Kumar N S	"Machine Learning based Agricultural Bot"	Smart Technologies, communication and robotics (ICSCR-2023) in Electronics and Communication Engineering" conducted by East Point College of Engineering and Technology 20th and 21st of July 2023.
2.	Dr.Pradeep Kumar N S	"I2C DMA Controller Design using EDA Tools: A Comprehensive Approach"	Smart Technologies, communication and robotics (ICSCR-2023) in Electronics and Communication Engineering" conducted by East Point College of Engineering and Technology 20th and 21st of July 2023.
3.	Dr.Pradeep Kumar N S	"A GSM-Based System For Vehicle Collision Detection And Alert"	Smart Technologies, communication and robotics (ICSCR-2023) in Electronics and Communication Engineering" conducted by East Point College of Engineering and Technology 20th and 21st of July 2023.

4.	K.Revathi	"Machine	Smart Technologies, communication and robotics
		Learning based	(ICSCR-2023) in Electronics and Communication
		Agricultural Bot"	Engineering" conducted by East Point College of
		1181100100101 2 0 0	Engineering and Technology 20th and 21st of July
			2023.
5.	K.Revathi	"A GSM-Based	Smart Technologies, communication and robotics
		System For	(ICSCR-2023) in Electronics and Communication
		Vehicle Collision	Engineering" conducted by East Point College of
		Detection And	Engineering and Technology 20th and 21st of July
		Alert"	2023.
6.	Mr.Suhas S.K	"Machine	Smart Technologies, communication and robotics
		Learning based	(ICSCR-2023) in Electronics and Communication
		Agricultural Bot"	Engineering" conducted by East Point College of
			Engineering and Technology 20th and 21st of July
			2023.
7.	Mr.Suhas S.K	"A GSM-Based	Smart Technologies, communication and robotics
		System For	(ICSCR-2023) in Electronics and Communication
		Vehicle Collision	Engineering" conducted by East Point College of
		Detection And	Engineering and Technology 20th and 21st of July
		Alert"	2023.
8.	Mrs.DhivyaKarun	"A GSM-Based	Smart Technologies, communication and robotics
	ya S	System For	(ICSCR-2023) in Electronics and Communication
		Vehicle Collision	Engineering" conducted by East Point College of
		Detection And	Engineering and Technology 20th and 21st of July
		Alert"	2023.
9.	Ms.Gayathiri K	"A GSM-Based	Smart Technologies, communication and robotics
		System For	(ICSCR-2023) in Electronics and Communication
		Vehicle Collision	Engineering" conducted by East Point College of
		Detection And	Engineering and Technology 20th and 21st of July
		Alert"	2023.
Datan	<u> </u>		

# **Patents**

S.No	Name of the faculy	Title of publications/sponsorships	Name of Conference /sponsorship
1	Suresha P	AI BASED HUMANOID FOR VISITOR IDENTIFICATION	Certificate of Registration for a UK Design &Version: 14-2023 Class: 10 CLOCKS AND WATCHES AND OTHER MEASURING INSTRUMENTS, CHECKING AND SIGNALLING INSTRUMENTS Subclass: 05 INSTRUMENTS, APPARATUS AND DEVICES FOR CHECKING, SECURITY OR TESTING

# STUDENTS' ACHIEVENTS:

	1.Journal Publication during month of JULY 2023					
S.No	Student	Tittle of publication	Journal Name and Published Date			
1	MamtaKumari,	IOT Using Smart Garden	International Journal Of Advance			
	Priyanka kumari,	With Weather Monitoring	Research And Innovative Ideas In			
	Sathvika G B	System	Education, 05/07/2023			
	Sripriya	-				
	(ECE Student)					