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IT Is Happening At SASTRA



NEWSLETTER FROM SASTRA DEEMED UNIVERSITY

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MESSAGE FROM THE VICE-CHANCELLOR



This quarter embarks on a new phase of academic exploration and innovation. Dr. Shai Evra from Hebrew University, Jerusalem, bagged The SASTRA-Ramanujan Award in 2020, and the honour for 2021 was bestowed upon Dr. Will Sawin from Columbia

University, USA. Both Dr. Evra and Dr. Sawin were presented with their respective awards in person. Dr. Yunqing Tang from University of California, Berkeley, won the 2022 year SASTRA-Ramanujan Award. The trio, Dr. Shai Evra, Dr. Will Sawin and Dr. Yunqing Tang (Israeli-American-Chinese) shared their expertise and experiences during the Three-Day International Conference on Srinivasa Ramanujan at SRC, Kumbakonam. It is a testimony to the true recognition of the SASTRA-Ramanujan Award that three of the four distinguished Cole Prize Winners for Number Theory for 2023 are SASTRA-Ramanujan Award winners. The Commission for Air Quality Management's (CAQM) endorsement of SASTRA University's filter-free air purification system as a solution for tackling Delhi's pollution crisis is truly significant. Congratulations to the team headed by Dr. R. John Bosco Balaguru and Dr. K.S. Rajan, in bringing out the air purification system with the industry collaborator Umeandus for commercialisation.

SASTRA Deemed University fervently took part in "The Kashi Tamil Sangamam", an initiative of Government of India, aimed to foster deep educational, economic, social and cultural relationships between Kashi and Tamil Nadu.

In support of the Government's decision, led by Hon'ble Prime Minister Shri Narendra Modi, to provide specialised educational opportunities for the children of victims of terrorism in various States and Union Territories, SASTRA Deemed University will grant free undergraduate and postgraduate education to such children starting from the academic year 2023-24. SASTRA has created history by bagging its 22nd win at FESTEEMER 2022 cultural fest at NIT Trichy, by winning the Overall Trophy. Faculty and students have reached new milestones by exhibiting their talents at prestigious national-level events. Several Workshops and Conferences were conducted in this quarter paving way for academicians and research scholars to hold healthy deliberations.

Prof. S. Vaidyasubramaniam

Vice-Chancellor

18th International Conference on Srinivasa Ramanujan

The annual awards for young mathematicians instituted in the honour of Srinivasa Ramanujan by SASTRA Deemed University were presented by Prof. S. Vaidyasubramaniam, the Vice-Chancellor at the 18th International Conference on Srinivasa Ramanujan held at Kumbakonam from December 20 – 22, 2022. The award, which carries a cash prize of US \$ 10,000 and a citation, is given to young mathematicians under the age of 32 in recognition of their outstanding contributions to research in the areas influenced by Srinivasa Ramanujan.

Dr. Shai Evra of Hebrew University, Jerusalem was the proud recipient of The SASTRA-Ramanujan Award for the year 2020 and the award for 2021 was given to Dr. Will Sawin of Columbia University, USA. Dr. Evra and Dr. Sawin received the awards in person.

Yunqing Tang of University of California, Berkeley has bagged the 2022 award for her remarkable contribution to the combination of sophisticated techniques, in which the arithmetic and geometry of modular curves and Shimura varieties play a central role, and have strong links with the discoveries of Srinivasa Ramanujan in the area of modular equations.



An international group of academicians attended the conference. Shri N.S.Parthasarathy, Co-Founder of Mindtree, lauded SASTRA's initiatives to celebrate the legacy of Srinivasa Ramanujan. He further urged youngsters to engage in science and research with a deep sense of rigour and responsibility.

The Awards Selection Committee Chair Prof.Alladi Krishnaswami from University of Florida, read the citation and recalled that such an honour has been bestowed only to Ramanujan. To proclaim the importance of SASTRA Ramanujan Awards' global outreach, Dr.S.Vaidhyasubramaniam, the Vice-Chancellor, highlighted in his welcome address that SASTRA intends to bring the previous six SASTRA-Ramanujan Award winners to the 2023 Conference at SASTRA campus who are the recipients of the Fields Medal.



Twin Graduation Day

In order to extend their congratulations to the graduates, SASTRA Deemed University held two separate Graduation Days on November 20 and 27, 2022, in addition to the main Convocation that took place on September 18, 2022. Shri G.SrinivasaRaghavan, Managing Director, TVS Automobile Solutions and Dr. R.Seetharaman, former CEO, Doha Bank were the orators on November 20, 2022. Shri SrinivasaRaghavan expressed a firm belief in India's prominent position on the global stage during the three-decade period from 2020 to 2050. He emphasised that India's distinct advantage lies in the ongoing transformations, largely propelled by the millennial generation, including young graduates.



Dr.Seetharaman, while addressing the graduates, emphasised that they should recognise the great fraternity they belong to and recognise that character-building is very important in career and personal life.



On November 27, 2022, Prof. B.S.Murthy, Director, Indian Institute of Technology, Hyderabad, while addressing the graduates, insisted that growth is a journey and not a destination and that students should also be socially conscious in their growth path.



Shri R.Madhan, Director, Indo-German Science & Technology Centre (IGSTC), New Delhi, in his Graduation Day address, said that engineering students should work on machines which provide data to other professions like agriculturists, doctors, and pharmacists, that can benefit the entire world.



Ambient Air Purification System

The ABCDE Innovation Centre at SASTRA Deemed University and Umeandus Technologies India Private Limited (UTIPL) have developed an Ambient Air Purification System (APS). The two entities joined hands in 2020 to set up a Centre of Excellence (CoE) in Thanjavur to develop an APS to improve air quality using a filter-less sustainable technology. SASTRA and UTIPL conducted large-scale trials at pollution hospitals. The objective of this air purification system is to decrease the Air Quality Index (AQI) in a specific region by 25% to 50% through the utilisation of filter-less technology. This technology relies on aerodynamics and does not involve ionization, high voltage, or disposable components. The air purification system can autonomously adjust to ambient air quality changes while preserving its effectiveness and ensuring consistent performance with minimal operational expenses.

NITT- Festember

SASTRA has made its 22nd win in 24 years at Festember 2022 cultural fest at NIT Trichy, by winning the Overall Trophy. In the last 23 years, SASTRA has won 21 times and once finished runners-up and did not participate in 2005. Though the host institute participated on a competitive basis, SASTRA's team was unstoppable.



Mr. Universe 2022

Chi.R.Karthikeswar, a Shanmugha Polytechnic alumnus, won the Gold Medal in the 90 kg Category and also the Champion of Champions "Mr. Universe-2022" title in the 13th World Body Building and Physique Championship held at Phuket, Thailand from December 9-11, 2022. It is noteworthy that he is the first Bodybuilder in the history of Tamil Nadu Bodybuilding Sports to win the title of Mr. Universe.



Kashi Tamil Sangamam

SASTRA Deemed University delegates participated in the month-long 'Kashi Tamil Sangamam' Programme inaugurated by Shri Narendra Modi, the Hon'ble Prime Minister of India, a unique event that reaffirmed and celebrated the enduring connections between Tamil Nadu and Kashi.



Indian Institute of Technology, Chennai and Banaras Hindu University, Varanasi were the knowledge partners for this event, in which twelve different but homogenous groups of more than 2000 people from Tamil Nadu visited and experienced Kashi. SASTRA team spent eight days of travel and visited places in and around Kashi and attended sessions covering various aspects of Kashi and Tamil Nadu's civilisational assets.



Senior Under Officer (SUO) Samanvitha and Cadet (CDT) Akshatha from SASTRA NCC contingent went on a trip to Varanasi, to attend Kashi Tamil Sangamam event from November 17-24, 2022. Dr. S. Janaki, Dr. S. Thiyagarajan, and Dr. S. Badhrinath, from the School of Arts, Sciences, Humanities and Education, attended the prestigious Kashi Tamil Sangamam from November 29 to December 06, 2022. They participated in discussions on the implementation of NEP2020, which was held on December 01, 2022 organised by Banaras Hindu University, Varanasi. SASTRA also conducted a contest in Tamil for student participants who returned from Kashi Tamil Sangamam. The contest included the best short film documentary, best still photography, best-written story, best pencil

sketching, best learning experience and best orator. The event was ascertained to be a culturally and academically curated knowledge carnival for both the visiting Tamilians and the hosting Kashiites.

Medical Assistance to Kids

SASTRA Deemed University gave insulin to thirty kids suffering from Type 1 diabetes at Raja Mirazudar Hospital, Thanjavur on October 20, 2022. SASTRA will support the children for the next one year, who are highly prone to blindness and organ failure. Earlier SASTRA had supported these kids with insulin pumps. Currently it also supports a 15-year-old child who has become blind and is undergoing dialysis thrice a week for renal failure.



MoUs signed

School of Management signed a Memorandum of Understanding with the Institute of Cost Accountants of India, Southern India Regional Council, Chennai on December 12, 2022 to establish a CMA Support Centre at SASTRA for the benefit of students pursuing CMA Programme. Dr. V. Badrinath, Dean, School of Management and CMA P. Raju Iyer, President, The Institute of Cost Accountants of India were the signatories to the Memorandum of Understanding.



On December 16, 2022, SASTRA signed an MoU with M/s ETS India Pvt. Ltd., an officially authorised agency conducting GRE, TOEFL and other exams in India. Through the MoU, SASTRA would get a small sponsored lab at the library to attempt mock tests, free master class training by their experts, webinars, seminars, and workshops in English to students and FDP to faculty members from the English Department.



World Space Week

The School of Mechanical Engineering celebrated World Space Week from October 4-10, 2022, organised by Space Tutor, ISRO and Stellaria (Astronomy Club of SASTRA). Various activities like satellite tool kit workshop, painting competition, aerospace open lab demonstration, poster presentations on Indian Knowledge System on Aerospace, astronomy talk, space programme workshop and other student activities were carried out during the week.



Indo-Taiwan M.Tech. VLSI Programme

In October 2022, students from the M.Tech. VLSI Programme at SASTRA Deemed University embarked on a one-year journey to Taiwan, where they collaborated with students from Yuan Ze and Asian Universities for coursework and internships at semiconductor labs. This is a strategic programme for capacity building aligned with India's semiconductor manufacturing

policy and is fully funded by Tata Electronics.



Alumni Meet – 1993-97 Batch

The students belonging to batch 1993-97 had a 25th year reunion meet on December 12, 2022. It proved to be a nostalgic day for the alumni, who enthusiastically participated in various events and interacted with faculty members.



Placements

By the end of December 2022, 1818 students of 2023 batch from different streams were placed. A total of 137 companies had visited SASTRA and 2824 jobs have been offered. PayPal, CUB, KVB, TVS Motors, and BNY Melon are a few companies which visited SASTRA during the quarter. Seven students got placed with PayPal for an impressive 35 LPA pay package.

Seventy-one II MBA students were placed with the highest package of 4.8 lakhs per annum in City Union Bank followed by other financial institutions like BNY Mellon, ICICI Prudential AMC, HDB Financial Service, Karur Vysya Bank and Milekal till December 2022.

An orientation programme was held for the benefit of final year students of School of Law on November 2, 2022, and for the

the Department of Education on December 16, 2022.

The MathCo conducted the Post-Offer Connect at SASTRA on December 5, 2022, for the final year students who were placed with the company. Shri Jai Deep, Senior Consultant and Shri Rahul, HR from the company visited and addressed the students. The importance of Data Analytics and Data Science was insisted on during their interactions.



Faculty Achievements

Dr. S.Kiruthika, Research Scientist, School of Electrical & Electronics Engineering was awarded SERB International Research Experience (SIRE) Grant to execute her proposed research project at the University of Manchester, United Kingdom, for four months. This programme aims to impart high-quality research training in frontier areas of Science and Technology and provides an opportunity for faculty to visit leading institutions/universities across the globe.



Dr. T. Mohanraj, Chairman of the Society of Automotive Engineers India Southern Section SAEISS, Thanjavur Division, Dr. S. Hariharan, Secretary and Shri R. JayendraBharati, Management Committee Member of the SAEISS Division Thanjavur, who are faculty members of School of Mechanical Engineering received awards of recognition in the professional members' category from Society of Automotive Engineers India

Southern Section (SAEISS) on October 28, 2022.

Dr. S. Ayyappan, School of Electrical & Electronics Engineering participated in the "XIX School on Neutrons as Probes of Condensed Matter (NPCM-2022)" from November 14-19, 2022, jointly organised by UGC-DAE Consortium for Scientific Research (CSR) Mumbai and Solid State Physics Division, Bhabha- Atomic Research Centre (BARC).



Dr. V.M.Sreehari, School of Mechanical Engineering, SASTRA received 'Young Engineers Award' from the Institution of Engineers (India) during the National Convention of Aerospace Engineers at Chandigarh on November 25-26, 2022. He also chaired two sessions at the National Convention and participated in the panel meeting of Aerospace Division of Institution of Engineers (India). Along with Chi. E.Vinoth of Final year B.Tech. Aerospace, Dr. V.M.Sreehari also carried out a demonstration on the theme "Employment of Virtual Reality Technology to Enhance Training in Human Spaceflight Missions".



Dr. N.R. Raajan, School of Electrical & Electronics Engineering executed a project entitled "Crowd Counting and Monitoring Using Live Video and Identification of Criminal Person" during the Karthikai Deepam Festival at Thiruvannamalai

from November 27 to December 6, 2022. This project developed by SASTRA played a significant role in computing crowd density and utilising the crowd safety measures implemented by the Tamil Nadu Police Force.

Dr. T.Panneerselvam, Prof. S.Raghuraman and Chi. N.Vamsikrishnan of School of Mechanical Engineering received the Sir Rajendra Nath Mookerjee Memorial Prize from The Institution of Engineers (India) for the paper titled “Investigating Mechanical Properties of 3D-Printed Polyethylene Terephthalate Glycol Material Under Fused Deposition Modeling” published in the Journal of Institution of Engineers, during the Seventh Indian Engineering Congress held on December 16, 2022.



Students' Achievements

Final year B.Tech. Mechanical Engineering students Chi. D.Sricharan and Chi.AbdulBasit were awarded by the Society of Automotive Engineers India Southern Section (SAEISS) on October 16, 2022, in recognition of the role of student members and professional members.



A student team of ten members from B.Tech. Mechanical and Electrical streams, under the banner of SASTRA Racing Team, participated in the Electric-Two-Wheeler Design Competition at SRM Deemed University, Kattankulathur on October 17 & 18, 2022. The team secured 16th rank out of thirty-nine teams.

The paper, titled “Experimental Investigation on the Damage Behaviour of Honeycomb Sandwich with Kevlar Epoxy Composite Face Sheets under High-Velocity Impact at Elevated Temperatures” was published by Chi. M.Venkatesh Kumar, Chi. D.Muniraj, and Dr. V. M. Sreehari, and was awarded for the Runner-up prize in the prestigious 73rd International Astronautical Congress 2022, Paris.

A team comprising final year Aerospace students Kum. R. Janani, Chi. C.Rohith, Chi. S. Karthikeyan and Dr. V.M. Sreehari won First Prize in the World Space Week - Design Competition conducted by ISRO, Sriharikota.

II year B.Tech. (CSBS) student, Mr. Lelith kishore Karthikeyan, participated on behalf of Red Ribbon Club, SASTRA in an online quiz competition conducted by TANSACS on November 21, 2022, and won first prize at district level.



III B.A., B.Ed. (English) student Kum. E. Harini's short story was selected in a Short Story Competition conducted jointly by Chennai Probus Club and Kalaimagal Literary Magazine and published as a book on December 15, 2022.



Chi. S.Riyasdeen, final year of School of Mechanical Engineering, and Chi.JBS.Vignesh, School of Management, 2022 passed out batch, won TNSI 2021 contest conducted from December 2021 to April 2022 by EDII TN, and they received an award of Rs.1 lakh from Mr.T.M.Anbarasan, Honorable Minister, MSME, Tamil Nadu, on December 16, 2022, at Madras Institute of Technology, Chromepet, Chennai.



Final year B.Tech. Civil Engineering students Chi. R.Mohith Raja and Chi. V. Bharathwon the second and third prizes respectively in an oratorical contest on “Construction Industry-Turning Waste to Wealth”, conducted by the Builders Association of India (BAI) held in Thanjavur on December 21, 2022.

A team, comprising Dr. V.M.Sreehari, Kum. P. Karishma, Chi. C. Akshaansh, and Chi. S.Rohit Varma of School of Mechanical Engineering, was selected for third prize in the India Space Congress 2022 (ISC-2022) “Leveraging Space to Power Next-Gen Communication & Businesses”. The team had submitted design and analysis of solar sails under “Spacecraft Mechanism” theme.



KLF Lectures

School of Electrical & Electronics Engineering conducted a Knowledge Leadership Forum Lecture on “Biomedical Devices: Product Development Life Cycle – a Case Study” on October 8, 2022. The speech was delivered by Dr. Jayanth Daniel, IIT-Bombay, Scientist F, DRDO, Bengaluru.

Kum. Seethaladevi of M.Sc. (Int.) Maths won first prize in the Thirukkural Speech Competition organised by Sriram Literary Society. She also got third place in the District Level Speech Competition conducted by the Department of Tamil Development on the eve of Shri Periyar Birth Anniversary.

School of Electrical & Electronics Engineering conducted a Knowledge Leadership Forum Lecture on October 18, 2022. Dr. Utkal Mehta, Associate Professor, The University of the South Pacific, Laucala Campus, Suva, Fiji delivered his lecture on “Design and Implementation of Fractional Control Strategies for Quadrotor UAVs”.

Faculty Development Programmes

EDII TN Hub SASTRA organised a Faculty Development Programme for three days in October 2022. Twenty-five faculty members from eighteen Spoke Colleges took part in the event. Shri Adarsh Mittal, Master Trainer, EDII-TN, Chennai, handled the three-day sessions and shared the basic thoughts required for becoming an entrepreneur. Further, the faculty members were given hands-on training on various activities like how to start, run and register E-cell in IEDP portal and how to start Campus Companies in their institutions.



The SIDP Guide Teachers Training Programme for Thanjavur District School was held at Bishop Sundaram Complex, Thanjavur on October 18, 2022. Shri M.Govindaraj, District Educational Officer, Thanjavur, Shri P.Palanivel, Personal Assistant of CEO and Rev. Fr. D.John Kennady, Director, Pastoral Centre, Thanjavur and Shri C. Shanmugarajan, Training Coordinator, EDII TN, Chennai, delivered special addresses on SIDP programme and its process.

Delegates from Global Emerging Leadership Programmes (GELP), Canada, visited SASTRA on November 28, 2022, for the Global Workplace Summit 2022. Dr. V.Badrinath, Dean, School of Management and Corporate Relations participated as SASTRA's representative. An FDP for the faculty and a workshop for the students on different topics were conducted and competitions were held.



School of Mechanical Engineering in association with TBI-SASTRA organised a Two Day Faculty Development Programme on “Emerging Trends in 3D Printing” on December 26 & 27, 2022. Dr S.Raghuraman, Dr. T.Panneerselvam, Dr. S.Dhakshinamoorthy, Dr. S.Ramesh Kumar and Shri R.Jayendra Bharathi were the resource persons and coordinators of the programme.



Workshops

SASTRA, jointly with SERB, DST,organised an Awareness Workshop on October 1, 2022, to highlight various key aspects for proposal submission to SERB-SURE (State University Research Excellence) launched by the Department of Science & Technology to encourage high-quality research to create a robust research and innovation ecosystem in the Nation.

On October 7, 2022, CADD Academy hosted a workshop on “Design of Steel Structures Using Tekla Software” at the School of Civil Engineering. Tekla Structures, Tekla Structural Designer, Tekla TEDDS, Tekla Portable Frame Designer and Tekla Connection Designer were the tools addressed in the technical session.



CSI Student Chapter at SASTRA University organised the following hands-on sessions:

-“Augmented Reality Application Development using Unity 3D” on October 7, 2022, by Shri C.Bharathy, School of Computing, SASTRA

-“Machine Learning Made Easy – MATLAB” on November 7, 2022, by Dr. B. Santhi, Associate Dean -Research, School of Computing, SASTRA

-SFOSS Association, Department of Computer Science and Engineering of SRC, conducted the following hands-on training sessions:

-“Image Processing & its Applications using MATLAB”- November 3, 4 & 7, 2022 conducted by SFOSS Association

-“Development of Mobile Android Application Using Android Studio”-November 4 & 18, 2022 conducted by SFOSS Association



On November 5, 2022, Dr. S. Brindha, Department of Education,organised a one-day workshop on emboss painting for the third-year B.A.,B.Ed./B.Sc.,B.Ed., students. The participants created and displayed their paintings.

A Two-Day Design Thinking Workshop was organised by EDII TN Hub, SASTRA University, on November 7 &8, 2022, for spoke colleges. Dr.Nagson, Master Trainer, EDII-TN, Chennai, handled the two-day session andgave hands-on training in various activities on problems, leadership and idea generation of how to start and run a business.

On November 19, 2022, School of Civil Engineering hosted a one-day “Workshop on Heritage Conservation and Monument Restoration”. Shri S.Rajendran, Member

Heritage Screening Committee, Thanjavur, Dr. Stapathi K.Dakshinamurthy, Advisor-HR & CE, Chennai, and Shri S.Gopalrathnam, SGR Constructions Pvt. Ltd., Trichy, emphasised on the significance of heritage conservation and monument restoration. Dr. K.Saravana Raja Mohan, Dean, School of Civil Engineering, Dr. C.Venkatasubramanian, Professor, School of Civil Engineering, and Dr. R. Rajesh, School of Electrical & Electronics Engineering, handled the technical sessions



Dr. R.Sriranjani, School of Electrical & Electronics Engineering, SASTRA conducted “MATLAB Simulink Expo 2022” on November 24, 2022. The Expo dealt with many areas includingAnalysing Magnitude and frequency of the real-time Excel data in Simulink, Digital sensor with Arduino and Simulink and FFT Analysis for Analog input signal with Arduino and Simulink.



As a part of Scientific Social Responsibility (SSR) Policy of the DST – SERB, Govt. of India, a two-dayworkshop on “Nonlinear Dynamics in Science and Engineering” was conducted from November 25-26, 2022. Prof. M.Lakshmanan, Professor of Eminence & DST-SERB National Science

Chair, inaugurated the workshop and gave an invited talk on “Nonlinear Dynamics”. Prof. P. Muruganandam, Prof. & Head, Department of Physics, Bharathidasan University, Tiruchirappalli, Dr. D.V. Senthilkumar, Associate Professor, IISER, Thiruvananthapuram, Prof. S. Nadarajapillai, Associate Professor, SoME, SASTRA, and Dr. V.K. Chandrasekar, Associate Professor, SEEE, SASTRA delivered a series of lectures on “Importance of Nonlinearity and its Role in the Advancement of Mathematics, Spin Systems, Complex Networks and Fluid Dynamics”.



On November 27, 2022, a workshop was organised to provide a hybrid experience to participants interested in understanding the working of various camera technologies like DSLRs etc. This workshop was conducted by Sony as a collaborative effort with eStudio, E-Cell's media cluster.

The ISHRAE Student's Chapter, School of Mechanical Engineering, SASTRA, organised a workshop on “Simulation and Modelling” from December 4-6, 2022. Dr. B. Jayaraman, SoME, SASTRA delivered a talk on “Fundamentals of Modelling and Simulation with Computational Fluid Dynamics (CFD).” Dr. P.R. Naren, SCBT, SASTRA spoke on “Open Modelica – A Simulation Tool” followed by a practical hands-on session on Open Modelica software. Dr. R. Krishnamurthy, Group Director-Design, in Defence Research and Development Laboratory, Hyderabad, spoke on “Computational Fluid Dynamics for Aerospace Vehicles”.

Dr. P.R. Naren, School of Chemical & Biotechnology, SASTRA, conducted a workshop on ASPEN and DWSIM on the second day of the “Conference on Advances in Process Engineering – 2022”, held on November 19 & 20, 2022.

School of Arts, Sciences, Humanities and Education conducted a five-day national level workshop on Applied Mathematics and Scientific Computing (WAMSC-2022) between December 26 – 30, 2022. The workshop aimed to explore the new horizons of computational mathematics through recent analytical and numerical developments. There were ten invited talks from eminent speakers from India followed by hands-on sessions.

Guest Lectures

Silver Jubilee Guest Lectures - As a part of Silver Jubilee Year Celebrations of the School of Management, a series of guest lectures was organised by Phoenix Association:

a. “The World in Fast Forward” on October 6, 2022, by Shri John Whelan, Chief executive, My Digital, UK

b. “Management Mantras from Thirukkural” on October 14, 2022, by Kural Enithu Soma Veerappan, writer and retired General Manager, Punjab National Bank

c. “Evolving Strategies for Start-Up” by Shri Ganesh Shankar, CEO, RFPO Inc, USA, on October 26, 2022

d. Shri Shanmugasundaram inaugurated Sahitya-Commerce Association activities and delivered a speech on the topic “360° Career Exploration”- on October 27, 2022

e. “Cracking Code of Communication for Managers” by Smt. Kavitha Krishnakumar, Cambridge CELTA Trainer & National Geographic Certified Educator, Chennai on November 8, 2022.

f. Smt. Arundathi Rao, Director & Global Head, Hewlett Packard Enterprises spoke on the topic “Lessons from the Corner Cubicle” – on November 9, 2022

g. Smt. Srimathi Sridharan, Group Manager, BNY Mellon, Chennai addressed a lecture on the topic “Nuances in Wealth Management”- on November 21, 2022

h. Smt. Rini Dutta, Co-Founder & Principal, Centric Brand Advisors, Bengaluru addressed the students on “Brand Positioning”- on November 30, 2022

i. Dr.M.V.RaviShankar, Senior DGM, L & T, Chennai, addressed the finance elective students of II MBA, on “The Changing Role of Finance Professionals in the Emerging Digital Era”- on December 2, 2022



The School of Chemical & Biotechnology organised a talk on “Medical Image Processing” on October 8, 2022. Dr. Kumar Rajamani, Senior Manager in the research division of KLA Tencor, Bangalore, addressed the students of Bioengineering, Bioinformatics, Data Science and Maths on image processing and the use of Artificial Intelligence.



CSI Student Chapter at SASTRA University organised the following lectures:

a. October 8, 2022 - “Machine Learning in a Nutshell” by Shri Vishnu PrasanthPalagiri, Decision Support Scientist, Mu Sigma Inc, Bengaluru

b. October 26, 2022 - “Introduction to Ethical Hacking” by Shri K.K. Pravin, Postdot Technologies Pvt. Ltd, Bengaluru, an alumnus of SASTRA

c. November 9, 2022 - Shri Mittapalle Sai Krishna, Software Developer, Rippling, Bengaluru delivered a talk on “FrontEnd and its Security”

d. November 15, 2022 - Dr. R.Elakkiya, School of Computing, SASTRA delivered a lecture on “Cognitive Analytics”

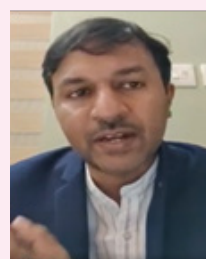
e. November 30, 2022 - Chi. HariharanSundar, IV Year CSE, and Chi. TejaskumarThulasidass, IV Year IT, organised an event on “Cybersecurity for Generation Z”.

Dr.Pankaj Kumar, a senior policy researcher in the area of water resources and climate change adaptation at the Institute for Global Environmental Strategies (IGES), Japan, delivered a lecture on “Participatory Approach for Enhancing Robust Water Resource Management and Adaptation to Water Security”.The lecture was organised by School of Civil Engineering on November 18, 2022.

Dr.V.Badrinath, Dean, School of Management and Corporate Relations& Extension Activities, and the Director of the Micro Scholarship Programme, addressed the Access students on the topic “Soft Skills for Personal Effectiveness” on November 3, 2022. He also inaugurated The Athenaeum, the English Literary Association for the students of SRC.



SFOSS Association of SRC organised an invited talk on “Advanced Java Programmemeing” on November 22, 2022. Dr. M.M.Anishin Raj Lead, Learning and Development, IBS Software, Smart City – Kochi, Kerala explained the ‘Feature of JAVA Spring BOOT”



School of Law, SASTRA, under the aegis of TATA Palkhivala Chair on AI-ADR organised a lecture on December 1, 2022. Prof. Sanjeev Kumar Sharma, Professor & Head, Department of Political Science, Chaudhary Charan Singh University, Meerut, Uttar Pradesh, delivered a lecture titled “Kingly Democracies of Ancient India: Examining Democratic Trends in Sanskrit Literature”. He dealt elaborately on democracy and the associated processes and their importance in Ancient Sanskrit Literature.



A special lecture was arranged for the students of final year B.A., B.Ed./B.Sc., B.Ed. on December 16, 2022. Dr.V.Badrinath, Dean, Corporate Relations & Extension Activities and School of Management, addressed the students on the topic “Secret of Getting Your Dream Job”, to help them prepare for interviews, resume writing, dos and don'ts in interviews etc.



CMA Rakesh Shankar Ravisankar, Member-Internal Auditing and Assurance Standards Board – ICAI and Assistant Professor, PG & Research Department of Commerce, DDGD Vaishnav College, spoke on the topic “Digitization and Automation of Accounting and Auditing-Role of Accountants” on December 12, 2022. He said that the accounting and

auditing profession is undergoing a significant transformation due to the advancement in technology from traditional accounting methods.



Conference

The ninth edition of National Conference on Advances in Process Engineering (CAPE) was held on November 19 and 20, 2022. CAPE is the annual event of the Indian Institute of Chemical Engineers (IICChE) Student Chapter, SASTRA. Shri Ramasubramanian, General Manager-Process Technip Energies India Limited, Chennai, delivered a talk on the topic “Role of Chemical Engineer in Design Consultancy Organisations.” The second lecture was delivered by Dr. P.Ragupathy, Principal Scientist, Electrochemistry Power Sources Divisions, CSIR-CECRI, Karaikudi on the topic “Recent Trends in Electrochemical Energy Storage Technology for Various Applications”. The Volume 11 Issue 02 (CAPE Special Edition) of ‘ChemUnique’ magazine was released by the Editorial Board.



School of Arts, Sciences, Humanities & Education

Prof. R.Srikanth, Associate Dean, SASHE, delivered an invited talk on the topic

"Analytic Study on Prouhet Tarry Escott Problem and its Related Diophantine Equations" in the three- day International Conference on Analysis and Number Theory held from October 27-29, 2022, jointly organised by the Department of Mathematics, Ayya Nadar Janaki Ammal College, Sivakasi, Ramco Institute of Technology, Rajapalayam and the Standard Fireworks Rajarathnam College for Women, Sivakasi.

He also gave an invited talk on December 22, 2022, on National Mathematics Day, organised by the Department of Mathematics in association with the Department of Computer Science (Data Science) of RGNIYD, an Institute of National Importance, Ministry of Youth Affairs and Sports, Govt. of India, Sriperumbudur, Chennai.

The Department of Education celebrated Mahakavi Subramaniya Bharathiyar's Birthday on December 13, 2022. Prof. K. Uma Maheswari, Dean, SASHE, urged everyone to adhere to Bharathiyar's values in her address.



Dr. S. Pugazhenthii, Dean, School of Mechanical Engineering, SASTRA, enunciated that people remembered Bharathiyar because he did what he instructed, and advocated that everyone should live in the same way as Bharathiyar.



Mathematics Day was celebrated on December 22, 2022 to commemorate Srinivasa Ramanujan's contributions to Mathematics. The celebration included four sessions of activities in which the Math Club 'Calculus Crown' highlighted Ramanujan's life story and held several competitions.

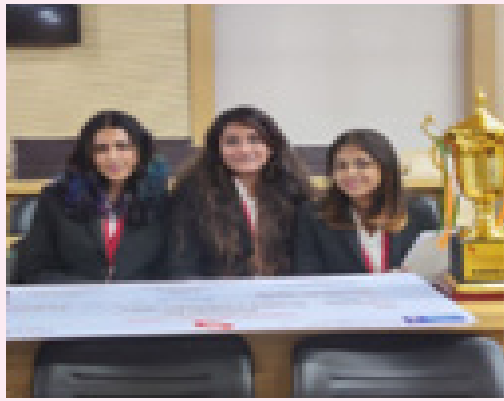
One-day collaborative training programme on the 'Rights of Child' for teacher trainees was conducted on December 23, 2022, in collaboration with MHRC. Prof. K.Uma Maheswari, Dean, SASHE, delivered the keynote address by highlighting the psychological impact of a child's rights. Dr. Usha Ajithkumar, Professor & Head, Department of Education, and Dr. S.Sanjith, Dr. R.Madhavan, and Smt. Sangeetha, Professors from School of Law, SASTRA, handled the sessions on the conceptual meaning of juvenile justice and amendments brought after 2009.



School of Law

Laurels in Moot Court Competitions

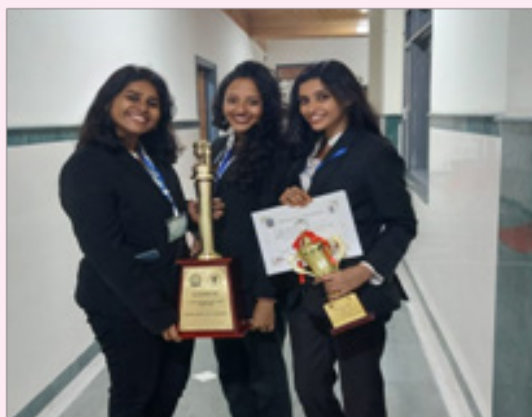
Kum. Samyuktha Banusekar, V year B. Com., LL. B. (Hons.), Kum.V.Savithri, IV year B.B.A., LL. B. (Hons.), and Kum. M.S.Reethu Rajam, IV year B. Com., LL. B.(Hons.), were adjudged the Runners of the 'National Moot Court Competition' held on October 15 & 16, 2022 conducted by The Symbiosis Law School, Nagpur. The team was awarded a cash prize of Rs.15,000. Kum. Samyuktha Banusekar was also awarded the 'Best Speaker' award and given a cash prize of Rs.7,500.



Kum. R.MuthuSrinithi, of V year B.A, LL.B.(Hons.), Kum.S Vijayanthee and Kum.Tanvi Srivatsan of V year, B.Com. LL.B. (Hons.), were adjudged as the Runners - up of the 'Third HPNLU National Moot Court Competition' 2022 held on October 29 & 30, 2022 in association with NHRC New Delhi. Kum. R. Muthu Srinithi was adjudged as the Best Speaker and won a cash prize of Rs.10,000. Seventy-four teams across India participated in the competition. The team was awarded a cash prize of Rs.30,000 and an EBC Learning Subscription for a year worth Rs.43,500



Kum. Jumanah Kader, Chi. Viyyash Kumar and Chi. Balakrishnan of V year B.B.A., LL.B. (Hons.), were adjudged as the Runners-up of 'The Commonwealth Legal Education Association Mooting Court Competition 2022' (South Asian Rounds) hosted by Mar Gregorios College of Law held on November 11&12, 2022. Kum. Jumanah Kader was awarded the 'Best Lady Advocate'. Thirty-four teams across India, Bangladesh and Sri Lanka participated in the competition. The team was awarded a total cash prize of Rs.22,500 and SCC Platinum Subscription for a year worth Rs.40,000. The trophies were handed over to the Team by the Attorney General of India, ShriR.Venkataramani.



The team comprising Chi. G. Shivashankar, Chi. K.R. SarvaEaswaran from V year B.A., LL.B. (Hons.), & Kum. Meenakshi Raman from V year B.B.A., LL. B.(Hons.), won the 'National Moot Court Competition 2022' organised by the prestigious Madras Bar Association on October 31, 2022. This is SASTRA's fourth victory in the last seven years. Hon'ble Governor of Tamil Nadu Shri R.N.Ravi distributed the prizes, and ACJ of MHC Hon'ble Justice Shri T. Raja participated.



Kum. M.Subhadra, Kum. N. Aishwarya and Chi. R. Pranav were adjudged as the Runners- up of 'The 3rd Mrinalini Devi National Moot Court Competition 2022' organised by Bengal Law College held on November 11,12& 13, 2022. Chi.R. Pranav was adjudged the 'Best Researcher'. The team was awarded a total cash prize of Rs.25,000 including Rs.5,000 for the best researcher award.



Kum. S.Subhashini, B.B.A., LL.B. (Hons.), V year and Kum. G J. Anjanah, B.A., LL.B. (Hons.), III year were adjudged as the winners in the 'First Constitutional Case Commentary Competition' organised by the Institute of Legal Education. The team chose 'Devidas Ramachandra Tuljapurkar vs. State of Maharashtra & Ors - AIR 2018 SC 1498'. 150 teams including several National Law Universities and various other colleges across India participated in this competition.



Chi. K.R. Sarva Easwaran B. Com., LL. B. (Hons.), V year Kum.C. Madhumita and Chi. Vishva Shanmugam, B.B.A., LL.B. (Hons.), V year have been adjudged as the winners of the 'Lex Omnia Moot Court Competition' hosted by the Maharashtra National Law University, Mumbai, in association with BITS, Goa, held on November 19 and 20, 2022. The team defeated Symbiosis Law School, Pune, in the finals adjudged by a five-judge bench. The team was awarded with Rs.30,000 cash prize.



Chi. J.S.Athul Ramaswami, Kum. B.Akshitha and Kum. B.Lucksha from V year B.A., LL.B. (Hons.), were adjudged as the runners-up of 'K.R. Mangalam University Inter-University Moot Court Competition 2022' held on November 29 & 30, 2022. The team was awarded a cash prize of Rs.10,000.



Kum. S.Harishri from II year B.B.A., LL.B.(Hons.), won the 'Legislative Drafting Competition' held on December 1, 2022, conducted by Shoolini University, Centre for Legal Education. She won a cash prize of Rs.10,000. A total of thirteen participants participated in the competition.



Chi. K.Swaminathan V year B.Com., LL. B. (Hons.), and Chi. DamodarNarayana V year B.A., LL.B. (Hons.), won 'Legal Zems: 2nd National Virtual Bail Application and Argumentation Moot Competition 2022' held online on December 3&4, 2022. The team won a cash prize of Rs.5,000 and an online internship with Legal Zems for one month. A total of 20 teams participated in the competition across the country.



Chi. NaganathanRamaswamyIyer and Chi. Prahlad both from B.A., LL.B. (Hons.), IV year were the winners in the '3rd National Virtual Moot Court Competition' organised by Thomas George and Associates on December 17 & 18, 2022. The team won a total cash prize of Rs.10, 000. Kum. Savithri and Konagalla Sai Charishma both from B.B.A., LL.B. (Hons.), were the runners up and won a cash prize of Rs.5,000. The finals were judged by a division bench comprising sitting judges of the Telangana High Court, Hon'ble Justice Smt. Nanda and Hon'ble Justice Sri. M.Sudheer.

Legal Aid Camp

SASTRA Legal Aid Clinic, (supported by C.S. Vaidyanathan Chair on Law and Development), along with the students of IX semester B.B.A., LL.B. (Hons), conducted a legal aid and awareness programme at Semmangudi Village of Thiruvaiyaru Taluk, Thanjavur District on October 17, 2022, with the co-operation of the Taluk Legal Services Authority of Thiruvaiyaru. A rally under the title "Old Age Well-Being" was conducted to create awareness and encourage the villagers to pay greater attention to the well-being and adequate health care of older citizens.

The 81st Legal Aid Camp of SASTRA Legal Aid Clinic (SLAC) supported by C.S. Vaidyanathan Chair on Law and Development was organised on October 22, 2022, in Vendakottai Village, Pattukottai Taluk, Thanjavur District, in association with the Pattukottai Taluk Legal Services Authority. The students conducted a rally creating awareness regarding the "Demerits and Impact of Use of Plastic".



Inauguration of Clubs

- a. October 14, 2022 –Hinges'22, the annual National Technical Symposium of the School of Civil Engineering by Shri A. Sivakumar, Divisional Engineer at the Highway Department, Trichy.
- b. October 27, 2022 - Genchem, Association of the Department of Chemistry & Biosciences, SRC by Prof. K. Uma Maheswari, Dean, SASHE.
- c. November 7, 2022 - MATH FORUM, the Association for the Students of Mathematics at SRC by Dr. Francis Raj, Associate Professor, Department of Mathematics, Pondicherry University.
- d. November 16, 2022 - COMBIGS (Computational Biology Group at SASTRA – Students Association of Bioinformatics) by Dr.Chellapandy, Professor & Head, Department of Bioinformatics at Bharathidasan University.
- e. November 19, 2022 - Pro Bono Club Scheme under Nyaya Bandhu, Department of Justice, was inaugurated by Shri P.Mathusuthanan B.A., B.L., Hon'ble Chairman/Principal District Judge, District Legal Service Authority, Thanjavur. Two villages, namely, Kurumpoondi and Vallamputhur, were adopted by School of Law, SASTRA under Pro Bono Club scheme.



Thanjavur Temple Visit by Team Access

Team Access SRC organised a tour to Thanjavur on November 19, 2022, to celebrate ‘World Heritage Week’ and to help students understand the cultural and historical value of the monuments and temples in and around Thanjavur. Shri Kayilai Ramanathan, retired General Manager, BHEL and a lifetime member of UNESCO, guided the students and explained the cultural value of the historical monuments to the students. The students visited Brahadeeswara Temple, Maratha Palace, Darbar, Sharja Tower and Saraswathi Mahal Library.



ED Cell Activities

EVENTS	DATE
The SIDP guide teachers' training programme for Thanjavur district school	October 18, 2022
INNOVATIA'22	November 25, 2022
CISCO thingQbator	November 26, 2022
Ad-renaline	November 27, 2022
Entrepreneurial Leviosa	November 25-27, 2022



NSS Activities

EVENTS	DATE
Welcoming I year students to SASTRA campus	October 4, 2022
Guest lecture titled “National Power through Youth Power” was delivered by Shri R. Anantharaman, CEO – TBI, SASTRA on Dr. APJ Abdul Kalam’s 92nd birth anniversary	October 15, 2022
Drawing competition to create voter awareness among the first-time young voters	October 19, 2022
Swachh Bharat 2.0 mega cleanliness drive at campus, Tirumalaisamudram and Punnainallur Mariamman Temple, Thanjavur	October 20, 2022
Pamphlets providing guidelines for Safe celebration of Diwali at SRC & visit to "Sudar Home", Thiruchennai	October 20, 2022
“Safety measures to be followed while bursting firecrackers” was delivered by Dr. V. Vijay Anand, (NSS Co-ordinator) SoM, SASTRA	October 21, 2022

Shri Chandramouli, Principal, Shanmuga Polytechnic College, delivered a lecture on “Role of Youth in Social Development”	October 28, 2022
“Unity in Diversity” lecture delivered by Dr.A.Krishnamoorthy - Associate Dean, SEEE, SASTRA on National Integration Day Celebration	October 31, 2022
Constitution Day Celebration - Guest Lecture on “Rights and Wrongs: The Path Towards our Duties” by Smt. S.Sangeetha, SoL, SASTRA	November 26, 2022
Crowd Control Camp at Big Temple, Thanjavur - Sadhaya Vizha Celebration	November 3, 7 & 11, 2022
Camp at Punnainallur-Mariamman Temple, Thanjavur	November 16, 2022
AIDS awareness lecture on “The ABC and XYZ of HIV” by Dr. S.Prakash, SCBT, SASTRA	December 1, 2022



Extension Activities

EVENTS	DATE
Career guidance session for the school students at Velammal Bodhi Campus, Thanjavur	October 8, 2022
Veranda Learning Solutions orientation for competitive exams organised for I year B.Tech. students	October 27, 2022
Global Education Fair @ SASTRA by Global Education and Career Forum	November 4, 2022
Volvo - Institute Interaction meeting	December 13, 2022



KS UPAHAAR Activities

The team KS UPAHAAR visited the Guild of Service boys' orphanage in Thanjavur on October 16, 2022. The team donated 10 tree saplings, groceries and other items required for the children. The team spent the day with the inmates and engaged them in different activities.



ExNoRaActivities

EVENTS	DATE
International Day Against Climate Change Celebration by SASTRA Students ExNoRa	October 20, 2022
Tree plantation campaign named 'VrukshavridhiPrayojana'at the SASTRA University campus	November 15-30, 2022



UBA and SCORE Activities

EVENTS	DATE
SCORE and UBA Inauguration and Dr.Kalam's Birthday Celebrations	October 18, 2022
Children's Day and as a part of Post-Diwali Celebrations at the Government Middle School, Ayyasamipatti village	November 18, 2022
Inauguration of "Skill Development Programme" in Aavarampatti village	November 23, 2022



Plasma Compendium and Red Ribbon Club Activities

EVENTS	DATE
Dr.R.V.S.Velmurugan, Blood Transfusion Officer of Thanjavur Medical College and Hospital Blood Bank, inaugurated Plasma Compendium and Red Ribbon Club activities and delivered his lecture entitled "Give Blood and Keep Hearts Beating" - First blood donation camp	November 24, 2022
World AIDS Day programme organised by the District AIDS Prevention and Control Unit (DAPCU)	November 25, 2022



NCC Events

SUO Samanvitha, SGT Gayathri and CDT Srirathna from SASTRA NCC girls contingent of SASTRA Deemed University 4 (TN) Girls Battalion, Trichy Group, Tamil Nadu, Puducherry and Andaman & Nicobar Dte, participated in the EBSB-II (Ek Bharat Shreshth Bharat) from October 10 to October 19, 2022.

8 seniors and 4 super seniors from our contingent attended six days of the ATC camp in November 2022 at the Horticulture College of Research for Women.

Sports Events

In the IPAA Thanjavur Division Inter-Polytechnic Tournament 2022-23 held at Government Polytechnic College, Papanasam on October 12, 2022, Shanmuga Polytechnic College badminton (Men) team was the winner, and the Chess team won the 4th place. The badminton team also qualified to participate in IPAA State Level Inter-Division Tournament at Coimbatore. Shanmuga Basketball Team has qualified to participate in the IPAA State Level Inter-Division Tournament at Namakkal.



In South India Level Open Silambam Championship organised by Dr.A.P.J. AbdulKalam Social and Education Trust, Thanjavur and Thanjai Traditional Martial Arts Association on October 16, 2022, Chi. M.P.Ashwin of III B.Tech. CSE of SRC bagged the first prize. He also secured 3rd place in the State Level Silambam Championship organised jointly by Thunder Sports Club and Thunder Silambattam Kazhagam on October 8, 2022. In the same event held at Periyar Maniammai Deemed to be University, Kum. R.Jayasakthi of I B.Sc. Mathematics with Computer Applications of SRC secured 3rd place.



Kum. S. Monisha Kamala of I B.Com. secured II Place and Kum. R. Jayasakthi of I B.Sc. Mathematics with Computer Applications of SRC secured 3rd Place in the National Silver Silambam Championship - 2022 organised by Silver Silambam Foundation & Silver Silambam Youth Club at Govt. Hr. Sec School, Mallur, Salem District on December 25 & 26, 2022.



IT IS HAPPENING AT SASTRA

Forthcoming event at School of Mechanical Engineering

School of Mechanical Engineering, SASTRA Deemed University is organising the International Conference on Digital Transformation in Manufacturing (Manufacturing Powered through Digitalization) during April 07-09, 2023.