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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 reflects the start of another phase in our quest for academic success. It brings immense delight to take a moment and contemplate the significant events and accomplishments that have contributed to the development of our University. Adhering

to the internationalisation objectives outlined in the National Education Policy (NEP) 2020, SASTRA Deemed University has introduced a programme to institute 20 Chair Professorships throughout India's G20 Presidency. In this inaugural initiative, SASTRA is allocating Rs. two crore for the establishment of these professorships, aiming to promote collaboration and knowledge exchange between SASTRA and Universities affiliated with the G20 member nations.

SASTRA has introduced the SASTRA-Mahanama Award to recognise significant contributions to the Indian Knowledge System. The inaugural award was presented to Dr. M.S. Valianathan, a distinguished Cardiac Surgeon and Ayurveda Scholar, on Vijayadasami Day, October 5, 2022.

In collaboration with Brhat, Prachyam, and Sangam Talks, SASTRA organised Dhara, an initiative dedicated to rejuvenating and promoting our rich Indian performing art traditions. The primary objective of the event was to craft a Vision Document 2047, strategically addressing the challenges encountered by this vibrant ecosystem.

Shanmugha Precision Forging, an exemplary production centre and an integral extension of the School of Mechanical Engineering (SoME) at SASTRA Deemed University, has garnered interest from more than 75 global private organisations specialising in the Aerospace sector. This attention is centred on the development of components for the Aerospace Industry in the upcoming future.

Kanchi Kamakoti Peethadipathi Sri Sankara Vijayendra Saraswathi Swamigal extended his blessings and delivered an Anugraha Bashan for SASTRA's Chennai campus. Emphasising the importance of devotion to the country, the guru, parents, and society, he highlighted the need for a harmonious blend of contemporary and timeless education. All these significant moments have played a role in shaping the essence of our academic community.

Prof. S. Vaidyasubramaniam

Vice-Chancellor

G20 Chair Professorships

SASTRA Deemed University has introduced a programme establishing 20 Chair Professorships during India's G20 Presidency. Designed to enhance SASTRA's global presence, the initiative supports faculty members in adopting academic collaborations with G20 nations. The selected Chair Professors receive seed grants to facilitate mutual faculty mobility. Dr. Sudha Seshayyan, an expert in ancient Indian wisdom, serves as the Indo-Japan G20 Chair Professor of Philosophy.



Science Day Awards

On National Science Day, February 28, 2023, SASTRA Deemed University recognised and celebrated the accomplishments of eminent scientists. The awards, each comprising a Rs.5 Lakh cash prize and a citation, were conferred upon Prof. M.S. Valiathan, Prof. S. Ramaswamy, Prof. Sair K. Maji, Prof. S. Natarajan, and Prof. T. Pradeep for their significant contributions to various scientific domains. Prof. M.S. Valiathan was honoured with the inaugural SASTRA-Mahamana Award, while Prof. S. Ramaswamy received the SASTRA-GN Ramachandran Award for Excellence in Physics, and Prof. Sair K. Maji received the SASTRA-Obaid Siddiqi Award for Excellence in Life Sciences. Additionally, SASTRA acknowledged excellence in Chemistry & Materials Science by presenting the SASTRA-CNR Rao Award to Prof. S. Natarajan and Prof. T. Pradeep. Furthermore, the University supported ten schools by providing STEM Lab Kits worth Rs.5 Lakh each and recognised outstanding Ph.D. theses with three awards. The ceremony was attended by Chief Dr. Charan Gurumurthy, Head of OSAT Tata Electronics.



Dhara - Sangita & Natya Parampara

In collaboration with the Ministry of Education and the Ministry of Culture, SASTRA Deemed University hosted the musical spectacle "Dhara: An

Ode to Indian Knowledge System" on January 5 & 6, 2023. As part of the Azadi Ka Amrit Mahotsav, Dhara comprises a series of conferences aimed at cultivating awareness, preservation, and promotion of diverse facets of Indian Knowledge Systems. The event, featuring insightful discussions and performances by renowned musicians, stands as a commendable initiative to rejuvenate the essence of Indian culture.



Sangita Vachaspati Awards 2023

On the auspicious occasion of Bahula Panchami, January 11, 2023, SASTRA Deemed University acknowledged the outstanding contributions of musical maestros by presenting the Sangita Vachaspati Awards 2023. The recipients of these prestigious awards were Smt. Rama Ravi (Carnatic Music), OD Huvar Shri Sargurunathan (Devotional Music), and Mannargudi Shri Vasudevan (Traditional Arts).



Aero India Show 2023

Shanmugha Precision Forging, an exemplary production centre and an extension of the School of Mechanical Engineering (SoME) at

SASTRA, participated in the Aero India Show 2023 exhibition from February 13-17, 2023. The event, organised by the Defence Exhibition Organisation, Ministry of Defence, Government of India, attracted interest from various Indian Defence organisations and global aerospace companies. SASTRA's stall gained attention, promoting potential collaborations in research and product development. Prof. R. Venkatraman, Prof. S. Nadaraja Pillai, Shri R. Vetrivelan, and Shri J. Balaji from the School of Mechanical Engineering showcased SASTRA's academic offerings, research capabilities, and industry connections at the exhibition held in Yelahanka, Bengaluru.



MoU signed

On January 17, 2023, SASTRA signed a Memorandum of Understanding (MoU) with The Math Company. The collaboration entails the establishment of a "Center of Excellence on Data Analytics" at SASTRA, along with the development of a customized course and other prospective interventions. Shri Subrata Majumdar, Partner for People and Operations at The Math Company in Bangalore, signed the MoU on behalf of the company.



Faculty's Achievements

Dr. Usha Ajithkumar, Professor and Head, Department of Education presented a paper entitled "A Relationship Study on Teacher Trainees' Perceived Use of Gamification of Learning and Gamification User Types" at the International Conference on Best Innovative Teaching Strategies, February 9-11, 2023, BITS-Pilani.

Dr. K. Abirami (SASHE), Dr. R. Jayasree (SASHE) and Dr. P. Suganthi (SoM) have received Best Paper Award at the Second International Conference on "Best Innovation Teaching Strategies", ICON BITS 2023, on February 9, 2023 hosted by Birla Institute of Technology and Science, Pilani, Rajasthan for their paper titled "Strategies to Improve Linguistic, Social and Cultural Capital Triumvirate in Tertiary Students: A Study Among Undergraduate Teacher Trainees in South India".

Dr. V.S. Shankar Sriram – Associate Dean, School of Computing, delivered a talk on "Intrusion Detection Systems for OT Systems" at the SCADA/ OT Security workshop conducted by Data Security Council of India (DSCI) on March 10, 2023 at Ahmedabad with a theme "Empowering India's Innovation Capability and Research". The workshop was conducted as part of the SCADA/ OT Security Acceleration Programme. He also delivered a talk at Cyber Conference 2023 at Sarfoji College, Thanjavur, to TN Police Department personnel (Cyber Crime) and college students.



Dr. R. Jayasree, Department of Education was awarded “International Woman Achiever” by Iniya Udhayam Tamil Monthly Magazine on March 12, 2023 at Hotel Park Plaza, Chennai.



On March 18, 2023, Dr. V. Badrinath, Dean, School of Management and Corporate Relations addressed about 70 heads of MSME at Thuvakudi Industrial Estates, Trichy on “University and Industry – How SASTRA can help the local MSMEs”

Students' Achievements

Chi. E. ElaNaveen, II Year B.Tech., School of Electrical & Electronics Engineering student has achieved Guinness World Record for the "The most rotating puzzle cubes solved while roller skating (406 cubes solved)".



M.Sc Chemistry students bagged the overall II place at ‘Chemglaze’ organised by the Department of Chemistry, American College, Madurai.

The students from Biopharmaceutical Research Laboratory participated in the International Symposium on "Molecular

Basis of Diseases and Recent Advanced Targeting Cell Therapies" organised by C3 Research Foundation, International Forum for Translational Science, University of Madras (held on March 6, 2023) and won the following prizes:

-Smt. GayathriGopal (CSIR-SRF) – 2nd prize in an oral presentation on Anti-snake venom IgY.

-Shri ShibiMuralidar (final year MIBT) – 1st prize in poster presentation on COVID-19 diagnosis.

-Smt.Subiksha (final year M.Sc. Biotechnology) – 2nd prize in poster presentation on Siddha formulations. This work on Siddha formulations and their anti-inflammatory properties was done under the combined guidance of Prof. P. Brindha, CARISM and Dr.Senthil Visaga Ambi, Associate Professor, SCBT, SASTRA.



Chi. K. VeeraPrabu, Senior Research Fellow (UGC-MANF) student of Prof. M. Sridharan, Associate Dean, SEEE got selected to visit the National Changhua University of Education, Taiwan. This visit was sponsored for four months (January 26 – May 02, 2023) by the Taiwanese Government to carry out part of his research work on thermoelectric materials for energy harvesting device applications.



Kum. VarshaBabuVatul of IVyear B.B.A., LL.B., (Hons.), Kum. SnikdhaBalaji from 4th year B.Com., LL.B., (Hons.), School of Law, SASTRA won the first and second place respectively in the NaniPalkhivala Memorial Elocution Contest for Law Students 2022-23 conducted with eight students from School of Law and two students from Government Law College, Trichy, on March 16, 2023. They won a cash prize of Rs. 5000/- and Rs. 3000/- respectively. Kum. A. Abisha of Government Law College, Trichy, was the second runner up and she won Rs. 2000/-.



Kum. S. Swathi, B.A., LL.B., (Hons.) III year won the first place in the state-level poster-making competition conducted by Legal Centre for Women's Welfare and TNNLU, Trichy. A cash prize of Rs. 1000 was awarded. Various participants from several Law Universities across the state participated in this competition.



Conferences

School of Arts, Sciences, Humanities and Education conducted a One Day International Conference on "Inclusion of Cultural Heritage in Curriculum" on February 24, 2023. Dr. K. Abirami and Dr. R. Jayasree, SASHE, the co-ordinators of the conference, had won the SHASTRI Indo-Canadian Institute's SHASTRI Conference and Lecture Series Grant, 2022-2023 (SCLSG) under the theme – Cultural Heritage. The resource persons were Dr.Ruthramoorthy Cheran, Associate Professor, University of Windsor, Canada, Ms.SimgeErdogan O Connor, Murney Tower Museum, Canada, Dr. V.Selvakumar, Associate Professor and Head, Tamil University, Dr.S.B.Darsana, Assistant Professor, Bharathidasan University, and Dr V. K.Karthika, Assistant Professor, NIT, Trichy.



The Department of Mathematics in association with the Department of Computer Science, SRC, Kumbakonam, organised an International Conference on "Mathematics and Its Applications in Technology" on March 24, 2023. Dr. Gobithaasan Rudrusamy, Head of Special Interest Group on Modelling and Data Analytics and Faculty of Ocean Engineering Technology and Informatics, University Malaysia Terengganu, Malaysia and Dr.S.Ponnusamy, Chair Professor, Department of Mathematics, IIT Madras, graced the occasion. Around 175 papers were presented at the conference by Scholars from China, Taiwan and Malaysia. The Conference was sponsored by ST-SERB and CSIR.



Guest Lectures

CSI STUDENT CHAPTER LECTURE SERIES

-January 27, 2023: A lecture on “Power Suite Basics – Power Automate Flows” was delivered by Ms.RuchithaChowdharyBellam, Trainee Decision Scientist, Mu Sigma Business Solutions Pvt. Ltd., Bangalore. She explained Power Business Intelligence and its elements namely PowerBI Desktop, PowerBI Service, and PowerBI Mobile Apps.

-February 18, 2023: Dr.M.M.Anishin Raj, Lead, Learning and Development, IBM Software, Kochi, spoke on “Features of JAVA Springboot”. He demonstrated how to build a simple Spring Boot application and demonstrate how easy it is to integrate it with Hibernate.

-February 20, 2023: “Machine Learning Magic with ORANGE” was delivered by Dr. G. Revathy, Department of IT, SoC, SASTRA. She explained how to create Interactive Data Visualization which statistical distributions, box plots, scatter plots, decision trees, hierarchical clustering, heatmaps and Linear Projections.



-February 25, 2023: A lecture on “Database Careers in SQL” was given by Shri Jayaprakash Raman, SQL Server Database Development Lead, Hyderabad. He explained the roles and responsibilities of various IT Careers and also the various hard and soft skills.

-March 17, 2023: Sri. R.AnandhaMurugan, Chief Technology Officer, Privity Group of Companies, Dubai, highlighted the “Features of Amazon Web Services” (AWS), and its services, ranging from infrastructure technologies like computing, storage, and databases to cutting-edge technologies like artificial intelligence, machine learning, data lakes, and the Internet of Things.

-March 25, 2023: Dr.Jayakumar Vaithiyashankar, Assistant Professor, Presidency University, Bangalore, addressed the topic “Qiskit Quantum Computing Framework Hands-on”

Silver Jubilee Guest lectures

As a part of Silver Jubilee Year Celebrations in School of Management, a series of guest lectures were organised by Phoenix Association:

a. “ABC of personal grooming” on February 10, 2023 by Shri M. Raja Kabir Safalta Campaign Manager, Gillette Procter & Gamble, Madurai

b. “Scope of Industrial Relations in the past, present and future” on March 8, 2023 by Shri S. Krishnamurthy, Vice President, Brakes India Pvt Ltd.

c. “India’s G20 Presidency and VasudaivaKutumbakam ideologies” on March 17, 2023 by Dr. Smt Tuli Roy, RBI Ombudsman and chief general manager RBI, Chennai

d. “Jan Bhagidari” on March 17, 2023 by Dr. Smt Tuli Roy, RBI Ombudsman and chief general manager RBI, Chennai

e. “Know Yourself” on March 18, 2023 by Shri Acharya. G (Shri VishwaVijayaru) Visiting Faculty, Dept. of Oriental Studies, SASTRA

f. “Education Scenario-Present” on March 23, 2023 by Shri Adhithya Malik, CEO, Veranda Edu Tech, Chennai

g. “New Consciousness for Development” on March 24, 2023 by Shri Adhithya Malik, CEO, Veranda Edu Tech, Chennai

h. “Fintech trends- A Glimpse” on March 28, 2023 by Shri Adhithya Malik, CEO, Veranda Edu Tech, Chennai

The Department of Computer Science and Engineering, EXACT and SFOSS Associations of SRC, Kumbakonam organised a special lecture on January 7, 2023. The Chief Guest Shri. Jeyaram Sivarama krishnan, Client partner of IBM Pvt. Ltd, Bangalore delivered a special talk on “Global Captives Industry in India – Present and Future.”

On account of the 161st birth anniversary of Swami Vivekananda on January 12, 2023, a guest lecture was organised by NSS, SASTRA. The guest lecture “Awakening the Youth Power” delivered by Dr. M. Sridharan, Associate Dean, SEEE, SASTRA, helped the students to recognise the vision and ideals of Swami Vivekananda.

Commander L. Shivaram delivered a lecture on the topic “Helicopter Vibration Control and Aircraft Health Monitoring” organised by SoME on January 28, 2023.



Shri Anasala Samba Siva Rao, Technology Analyst(Intern), Morgan Stanley, Smt. S Meenakshi, Software Engineer, PayPal, Appireddy Sai Prasada Reddy, Incedo, delivered excellent talks on “Placement Strategies and Opportunities” on February 11, 2023 at SRC, Kumbakonam.

Dr. P V Venkitakrishnan, Ex. Director, Capacity Building Programme Office, ISRO delivered a guest lecture at VKJ auditorium on February 25, 2023. The event was organised by School of Mechanical Engineering. Dr. Brinda V, Director/ Outstanding Scientist, Directorate of Safety, Reliability & Quality, ISRO Headquarters, also motivated the students in the event.



School of Mechanical Engineering organised a KLF lecture on February 28, 2023. Dr. Kaushal Kumar Jha spoke on the topic of “Battery Management”.



School of Civil Engineering organised a lecture titled “Future of BIM and its Relevance to Architecture for Civil Engineering” Feb 17, 2023. The lecture focused on the various uses of BIM, where it is used to develop more innovative designs, analyze design qualities, and maintain productivity in the entire project lifecycle.



A two-day Lecture Series-I was organised on ‘Trends in English Language & Literature’ by School of Arts, Sciences, Humanities & Education on March 14, 2023 and March 15, 2023. Speakers from IIT, Kanpur,

Pondicherry University, Fergana State University, Uzbekistan, University of Central Florida, and University of Kerala, delivered the lectures.



of Electrical & Electronics Engineering. The event was inaugurated by Dr. Srinivasan Anandan, a Senior Scientist from the Centre for Nanomaterials at ARCI, Govt. of India, Hyderabad.



School of Civil Engineering organised a lecture by Dr. Chidambaram, Acting Programme Manager & Research Scientist, Kuwait Institute for Scientific Studies, Kuwait on March 24, 2023. He highlighted the policy implications proposed for global long-term sustainable water management and global supply chain management in general.

The IEEE AP-S Madras Chapter, in association with IEEE SB SASTRA & RFCoE, School of Electrical and Electronic Engineering, SASTRA, organised a lecture on March 25, 2023. Dr. Debatosh Guha, Professor in Radio Physics and Electronics, University of Calcutta, India, delivered a distinguished lecture titled "It is Antenna Engineering which transformed the Technology".



Team Knowledge Repository In Young Association (KRIYA), School of Electrical and Electronic Engineering hosted a "Research Day Celebration" on March 31, 2023. The event featured three invited talks and a poster presentation by research scholars from School

School of Law associated with the Competition Commission of India to host a Lecture Series on Competition Law, under the Advocacy Programme of Competition Commission of India and a flagship event in honour of Azadika Amrit Mahotsav and G20 Presidency of India. The first lecture in this series was delivered by Shri V. Sriraj, the Joint Director (Law), CCI on March 31, 2023 in School of Law, SASTRA Deemed University.



KLF Lectures

COMBIGS, the official Computational Biology Group at SASTRA, organised a Knowledge Leadership Forum (KLF) talk on 'Computational Biology' by Dr. Nikolay Dokholyan, an eminent Computational Biologist, Vice-chair for Research at Penn State University, USA, on January 27, 2023. His talk focused on molecular engineering in translational research.



Shri Nandha Kumar Balasubramaniam, Marketing Director/Consultant – Insilico Medicine, Digital Health Faculty – HAWK, Gottingen, Germany delivered a KLF Lecture on “How Artificial Intelligence / Machine Learning (AI/ML) is Driving Next Generation Healthcare?” on February 9, 2023. The event was conducted by School of Electrical and Electronic Engineering.



School of Civil Engineering conducted a Knowledge Leadership Forum lecture on March 17, 2023. The guest speaker Smt. Sushma Jitesh Vyas spoke on “Hydraulic Modelling for Spillways, Power Intake and Energy Dissipators”. The speaker spoke about CWPRS and major disciplines & technical divisions operating various national and international dam and irrigation projects.

Workshops

Shri K.Raghuraman, CSE, SRC, Kumbakonam, conducted a workshop on “Mobile Application Development using Open Source tools.” on January 23, 2023.

A five-day workshop on Research Methodology & IPR was conducted at SASTRA during January 23-28, 2023. Prof. N. Sundararajan

from Nanyang Technological University, Singapore, shared the key points for the Ph. D. Research Scholars, starting from the literature survey until the thesis submission, defence examination and what after Ph. D. Dr. S. Rangabashiam (SCBT) Dr. G. Venkataraman (SASHE), Dr. J. Arunachalam (SCBT) and Dr. Ashok Palaniappan (SCBT) enlightened the students with lectures and hands-on sessions.



Dr. N. Sathiya Narayanan and Shri R. Jayendra Bharathi, School of Mechanical Engineering organised a workshop on "Introduction to FreeCAD Software - Drafting and Modelling" in collaboration with IIT - Bombay FOSSEE & Spoken Tutorials on January 4, 5 and 6, 2023.

The DBT – Bioinformatics Centre (BIC) at SASTRA Deemed University conducted a five-day hands-on workshop on “Bacterial Whole-Genome Sequencing Analysis” from January 09 – 13, 2023. Post-graduate students and Ph.D. scholars from SASTRA and neighbouring colleges/institutes were introduced to various bioinformatics tools and techniques used in analyzing genomic data, including sequence assembly, annotation, and comparative genomics.



A two-day International Workshop on “Opportunities and Challenges in IoT(IWOCIoT) – 2023” was organised

at School of Electrical and Electronic Engineering on February 2 & 3, 2023. The Chief Guest was Prof. S. Sudha, Department of Electrical and Electronics Engineering, National Institute of Technology, Trichy. The lectures were also delivered by invited speakers from various Indian and Foreign Universities. Applications of IoT were demonstrated using real-time testbeds and highlighting the crucial challenges of IoT.



In association with the Intel FPGA Academic programme, a three-day workshop on “Digital System Design Using Intel FPGAs” was held at School of Electrical and Electronic Engineering from February 2-4, 2023. Shri K. Padmanaban, Software Enabling & Optimization Engineer, Customer Experience Group, Intel PSG, Bengaluru was the resource person.



The Centre for Nanotechnology & Advanced Biomaterials (CeNTAB), at SASTRA, organised an Indo-German workshop on “Biofabrication: Emerging Biomaterials, Machines & Digital tools (IGBMDT 2023)” from February 22-24, 2023. The workshop was jointly organised by SASTRA Deemed University and Ruhr University Bochum, Germany, and was funded by Indo-German Science and Technology Centre (IGSTC). Madam Michaela Kuchler,

Consul General of the Federal Republic of Germany to Tamil Nadu, Telangana, Andhra Pradesh and Puducherry inaugurated the workshop and released a publication of abstracts and the first copy was received by Shri Saquib Shaikh, Scientific Officer, Indo-German Science and Technology Centre. 12 experts from Germany and 11 Indian scientists discussed emerging technologies in the realm of 3D printing for efficient structural and functional regeneration of organs. The elite panel of speakers included scientists from TU Dresden, the University of Cologne, the University of Freiburg, Reutlingen University, Fraunhofer Institute of Laser Technology, Aachen, University of Wuerzburg, TU Darmstadt, TU Munich, Ruhr University Bochum, Fibrothelium, Aachen, IIT Delhi, Wipro 3D, Cellink, DSS Imagetech, Next Big Innovation Labs, CTARS and SASTRA.



City Union Bank - Dr APJ Abdul Kalam Centre for Development Studies and the School of Management

a. A one-day workshop on “Capital Markets – Trading and Technology for Future” was conducted on March 1, 2023. Faculty members of the School focused on various aspects of webpage tour on how to order and execute the stock using online platform with hands-on training in “Stock derivatives trading”.

b. A one-day workshop on “Data Analytics Using R-Programming” was conducted on March 3, 2023. The workshop enabled students to know the use of R-Programming in data analytics using the software.

School of Management organised a one-day workshop on “Basics of Research Methodology Using SPSS” for MBA students to nurture basic knowledge in research

methodology and application of various tools to strengthen their project work on March 10, 2023. The faculty members of the School acted as resource persons and gave hands-on training to the researchers on the higher-order tools of structural equation modelling.



The School of Computing in association with Data Security Council of India (DSCI), conducted a SCADA/ OT Security workshop on March 10, 2023 in Ahmedabad with a theme “Empowering India’s Innovation Capability and Research”. The workshop was conducted as part of the SCADA/ OT Security Acceleration Programme. CISOs from Govt Critical Infrastructure Sectors (Power, Energy Oil and Gas), CISOs from Industry (Aviation, Pharma etc.), Start-ups and Researchers from academia and leading R&D bodies in the domain of OT Security participated in the workshop.

A three-day Indo-German workshop on Biomanufacturing: Emerging Biomaterials, Machines & Digital tools was inaugurated by Smt. Michaela Kuchler, Counsel General of the Federal Republic of Germany to TN, Telangana, AP and Puducherry. The focus of this workshop was to discuss and deliberate materials, processes and tools that could be developed to not only further our understanding of science but also develop useful products for the Society. This Workshop was supported by the Indo-German Science & Technology Centre, New Delhi.

On February 27 and March 1, 2023, a workshop on “RF and Microwave Design Software” was organised by the Department of Electronics & Communication Engineering, SEEE. The workshop introduced Keysight’s Advanced Design System software (ADS) and EMPro software. The workshop covered the Design of Microstrip Antenna using ADS (Layout window), Design of Microstrip Line using ADS (Schematic

window), and Design of Magic Tee Junction using Finite Element Method (FEM) solver of EMPro.



The ASCIIEE Association from SEEE organised a workshop on "FreeRTOS with Arduino" on March 2, 9, 16, and 23, 2023. The workshop helped to gain experiential knowledge in developing real-time applications by integrating open-source hardware and software resources.

A workshop hosted by the Bioinformatics Centre, School of Chemical and Biotechnology, and supported by the Department of Biotechnology was held from March 10-11, 2023. The workshop featured four talks, including two from internal speakers – Dr.Vigneshwar Ramakrishnan and Dr. L. Ramya, and two invited speakers – Dr.Durba Roy, Associate Professor Department of Chemistry, BITS-Pilani, Hyderabad Campus and Dr.Thiyagarajan, Associate Professor, IBAB, Bangalore.



MATHFORUM organised a one-day workshop “LaTeX Practices” on March 11, 2023. Dr. K. Kannan, Department of Mathematics, SRC, and Shri Vignesh, VIT, Chennai served as resource persons. The workshop familiarised the students with the Mathematics typesetting software LaTeX.

A Startup Strategies workshop was organised at SRC, Kumbakonam on March 15, 2023. Mr. Karthikeyan, Manager & RMME, SBI, SME, Kumbakonam, and Mr. T. Rajamanikandan, M.E. served as the resource persons. The workshop aimed to provide a comprehensive understanding of the key components of a successful business strategy.

“Drone Workshop” was conducted by the School of Electrical and Electronic Engineering on March 19, 2023. The resource persons from SYNTECH PVT LTD focused on building and flying a drone from scratch and the participants gained hands-on experience in assembling and operating the drone.



A one-day workshop on “Exponential Technologies (ET 2023)” was organised by School of Mechanical Engineering on March 25, 2023. The opening talk was given by Prof. R. John Bosco Balaguru, Dean Sponsored Research followed by various lab visits including TBI & SPF.

A hands-on session on MATLAB using Arduino Uno and Simulink was conducted on March 4, 2023. The resource persons were the faculty members of the School of Electrical and Electronics Engineering.

A one-day workshop on “Medical Coding” was organised by the “Biogenesis” cluster of Theta 2023 at Srinivasa Ramanujan Centre on March 31, 2023. Shri Pandi Ganesh, Moderator, EIT-Training & RPO, Madurai and Shri M. Dinesh Kumar, Quality Analyst/Certified Professional Coder, AGS Health Pvt. Ltd., OMR, Chennai explained the universal alpha-numerical codes assigned for different diseases.



School of Law

February 16, 2023 - Under the aegis of TATA Palkhivala Chair on AI & ADR, School of Law, SASTRA partnered with Asian Development Bank Institute (ADBI), Tokyo, Japan and made a fifteen minutes video on the theme “Exploring Alternative Dispute Resolution” at a Project cost of Rs. 5 lakh. Chi. SarvaEaswaran, Chi. TuleshBalaji, Kum. Nandini Rao, Chi. AaryanAathreya and Chi. Shivashankar, under the guidance of Smt. S. Sangeetha, School of Law, SASTRA, successfully collaborated with ADBI Team, Tokyo and made the video to enable the audience to discern the need for conflict engagement and resolution amongst different stakeholders.

March 17 - 19, 2023 - A Hybrid Training Programme on “Conflict Assessment & Management” under the aegis of the Tata-Palkhivala Chair on AI & ADR was organised in Chennai. Smt. Uma Ramanathan, the Chief Mentor and Coordinator of the Programme designed and delivered the Hybrid Training Programme with the support of renowned experts from various areas of discipline.



Laurels in Moot Court Competitions

Chi. S. Bhupendran and Chi. S. Sashi Barathvaj of V year B.Com., LL.B., (Hons) and Kum. B. Amritha of V year B.B.A., LL.B., (Hons) were the 'Winners' of the 16th Pro Bono Enviro National Moot Court Competition, 2023 conducted by School of Excellence, Tamil Nadu Dr. Ambedkar Law University, Chennai held on February 18, 2023. The team was awarded a cash prize of Rs 40,000. 50 teams including two National Law Universities participated in this Competition.



Kum. C. Amirdha Varshini, Kum. S. Mathangi, and Kum. J.S. Aiswarya Lakshmi, of V year B. Com., LL.B., (Hons.) were the 'Winners' of the Tamil Nadu Dr. Ambedkar Law University 1st Tamil Moot Court Competition, 2023, conducted by School of Excellence, Chennai on February 18, 2023. The team was awarded a cash prize of Rs.10,000 and the team also bagged the "Best Memorial" award for which a cash prize of Rs.4,000 was awarded.



Chi. G. Shivshankar from B.A., LL.B., (Hons.) Chi. KR. Sarva Easwaran from V year B.Com., LL.B., (Hons.) and Kum. Meenakshi Raman from V year B.B.A., LL.B.,

(Hons.) won the 19th K.K Luthra Memorial Moot Court Competition held on February 19, 2023. The team was awarded a cash prize of Rs. 25,000.



Kum. G.J. Anjanah, Chi. G. Ramanasubramanian from III year B.A., LL. B., (Hons.) and Kum. Vahitha Parveen from III year B.B.A.. LL.B., (Hons.) won the 5th Thiru. Isari Velan Memorial National Moot Court Competition, 2023, conducted by School of Law, Vels University, Chennai held from February 23 - 25, 2023. The team was awarded a cash prize of Rs.25,000.



Kum. M. Jhanavi, Kum. S. Mathangi and Kum. S. Madhumitha, of V year B. Com., LL.B., (Hons.) were adjudged the Winners of the Justice N. Santosh Hegde National Moot Court Competition, 2023, conducted by School of Law, Alliance University, Bangalore, held from February 24 - 26, 2023. The team was awarded a cash prize of Rs 30,000. The team also won the Best Memorial award with cash prize of 10,000. Kum. S. Madhumitha also won the 'Best Researcher Award' with cash prize of Rs. 10,000. A total cash prize of Rs. 50,000 was won by the team.



Chi. S. Sundaresan, Chi. S. Nagarjun, of V year B.B.A., LL.B., (Hons.) and Kum. DhanyaS Krishnan of V year B.A., LL.B., (Hons.) were the Winners of the 21st T. S.Venkateshwaralyer Memorial Ever Rolling Trophy, 2023 conducted by His Highness Maharaja's GLC, Ernakulam held from February 24 - 26, 2023. The team won the Best Memorial Award. Kum. Dhanya S Krishnan was awarded the Best Speaker and also the Best Lady Advocate Award. Chi. S. Sunderesan bagged the 2nd best speaker award. The team received a total of Rs.85,000 as cash prize.



Chi. AnirudNarayen, Chi. Siddharth Krishnan, and Kum. Sujana Suresh from V Year B.A., LL.B., (Hons.) were the Runners-Up of the 13th K. R. Ramamani Memorial Tax Moot competition conducted by the TNDALU held on March 5, 2023. The team was awarded a cash prize of Rs. 20,000. Chi. AnirudNarayen bagged the Best Speaker Award and was awarded Rs. 10,000 cash prize.



Kum. Kavya R Krishnan and Kum, N. Gayathri Narayanan from II year B.A., LL.B., (Hons.) and Kum. S. Anupamaa from II year B.Com., L.L.B., (Hons.) were the Winners of The First Tamil Nadu National Law University - National Human Rights Commission Moot Court Competition held on March 5, 2023. The team won a cash prize of Rs. 45,000.



Kum. Arya Anushree, Kum. JenithaDharshini and Chi. Anish V from III year B.B.A., LL.B., (Hons.) were the Runners of the 8th SRM National Moot Court Competition, organised by SRM School of Law, Chennai held on March 19, 2023. The team was awarded with a trophy and cash prize of Rs. 21,000. Kum. Jenitha Dharshini also won the best speaker award with a cash prize of Rs. 7000.



Chi. K. Swaminathan, III year B.Com., LL.B., (Hons.), Chi. Adithya Subramanian, III year B.A., LL.B., (Hons) and Chi. B. Krishna Prasad III year B.B.A., LL.B., (Hons.) were the Winners of Prof. R.V Dhanapalan National Moot Court Competition, 2023 conducted by The Central Law College, Salem on March 19, 2023. The team also won the Most Disciplined Team Award. Chi. Swaminathan was awarded the Best Speaker.



Department Activities

S-FOSS, an association of CSE, SRC, Kumbakonam, organised an alumni meet on February 2, 2023. The distinguished Alumni Shri Nagaraj Alagusundaram delivered a speech on the topic “Mobile APP Development using FLUTTER”.

Athenaeum, the association of the Department of English, SRC Kumbakonam, was inaugurated on February 3, 2023 by Dr.V. Badrinath, Dean, School of Management and Corporate Relations, SASTRA with a workshop on “Soft Skills for Personal Effectiveness.”

Entrepreneurship Development Cell was inaugurated at SRC on February 9, 2023 by Shri Viknesh Vadivel (M.TECH Microelectronics, BITS Pilani). The objective of the Cell is to promote taste for and confidence in self-employment to turn them into job providers instead of job seekers.

School of Management organised an inter-school science quiz, titled @Crashing Comets-23@, exclusively for classes VII—IX on behalf of City Union Bank - Dr Abdul Kalam Centre for Development Studies on February 25, 2023. 23 schools from Trichy and Thanjavur districts participated. SBIOA Matriculation School, Trichy, won the first prize. The students were later taken

on a visit to Technology Business Incubator (TBI) was arranged to show the latest technologies to the children at SASTRA campus highlighting 3D printing, augmented reality, robotics etc.



School of Management held its Silver Jubilee Alumni Meet on February 26, 2023. 159 alumni of the past 25 years attended the meet with enthusiasm. The alumni association members were assigned various leadership roles to engage and develop present students in academic and career well-being.



ExACT, Association of the CSE Department, SRC, Kumbakonam, organised a special talk event on March 06, 2023. The chief guest, Shri Balajivenkataraman, Senior Director, Software Engineering, Priceline.com delivered a lecture on “Emerging trends in Software Engineering” on March 6, 2023.

The Department of English, SASHE, conducted a Quiz Programme for I B.Tech. students on women’s achievements and contributions, to commemorate International Women’s Day on March 8, 2023.



Genechem, an association of Chemistry & Biosciences, Srinivasa Ramanujan Centre, organised a special lecture on March 8, 2023. Prof. V.S. Ramachandran, Ph.D., (Retired), Department of Botany, Bharathiar University, Coimbatore delivered a special lecture on “Therapeutic Uses of Medicinal Plants”. He insisted that adopting a health-based diet is a powerful tool to lead a healthy life.

Pratyarth, the annual symposium for the Bioinformatics department was conducted by the Official Bioinformatics Group at SASTRA, COMBIGS on March 18, 2023. A panel of distinguished speakers including Smt. P.S. Nandhini, an aspiring neuroscientist and a proud alumnus of SASTRA pursuing Ph.D. Neurosciences at UC Berkeley, USA, Dr. N. Manoj, Professor at IIT Madras, Department of Biotechnology, Dr. R. Krishna, Professor, Pondicherry University and Shri V. Karthik, a proud SASTRA alumnus, Co-founder and CEO of Neurostellar delivered lectures inspiring the audience to pave their career path as an entrepreneur.



The School of Management of SASTRA Deemed University organised the 13th edition of “PROGYAN 2023”, a National Level Management Students’ Meet on March

23, 2023, Thursday. Shri Adhithya Malik, CEO, Veranda Edu Tech, inaugurated the event and emphasised the importance of networking and developing lifelong relationships with people.



The B. Com., students of the School of Management jointly organised the State Level Inter Collegiate Meet “PRADIPTA 23” under SAHITHYA Association Forum on March 17, 2023. As a part of “PRADIPTA 23”, Reserve Bank of India, Chennai, conducted “Jan Bhagidari”, an awareness programme about the Ombudsman. More than 250 students of 32 teams from 20 colleges across Tamil Nadu participated in the events organised, which included, Best Manager, HR Games, Business Quiz, Entrepreneurship and IPL Auction. The students of Bishop Heber College, Trichy, won the overall championship trophy of the event.



On March 23, 2023, a symposium titled “Big Data and Machine Learning Era: Modelling of Cells and Systems” was conducted as part of the worldwide Biophysics Week Celebration. This event was funded by the Biophysical Society, USA through a networking grant.



Probono Club, School of Law, started under Nyaya Bandhu has adopted two villages, namely Vallampudur and Kurumpoondi. Five field visits and two mobile clinics were conducted in the above villages. Client counselling competition was conducted on March 27, 2023, and a Mediation virtual lecture was held on March 29, 2023.



The following events were conducted by the Department of Education:

-February 18, 2023: As a part of co-curricular activity, Pedagogical Toy Fair competition was conducted to integrate toys as a tool to learn difficult concepts in Maths, physics and English.



-March 4, 2023: Extempore Speech Competition was conducted for the students of Four-Year Integrated B.Sc., B.Ed./B.A., B.Ed., The prize

winners were: 1st Prize: Smt. Umabharathy (III year B.A., B.Ed., English), 2nd Prize: Smt. Likhitha (III year B.A., B.Ed., English) and 3rd Prize: Smt. Harina (III year B.A., B.Ed., English).

-March 8, 2023: In the Women's Day celebration the Chief Guest, Dr. Uma Maheswari, Dean, SASHE in her keynote address highlighted how women form the best part of any activity, both at home and workplace.



-March 4, 2023: Sports Club, PRAKASHIKA conducted charades and quiz competition.

SAKSHAMA, technical fest of School of Mechanical Engineering was conducted on March 3 & 4, 2023 which included technical debates, hackathons and workshops.



Under the IGBC Student programme, students from the School of Civil Engineering went on a two-day field trip to Ascendas IT Park (Platinum rated) in Tharamani, International Tech Park Chennai, an upcoming project developed by Olympia Group with (Green building and WELL Building Standard certification), Guindy, Chennai The students learned about the cutting-edge tools and techniques adopted in IGBC and WELL standards.



As a part of the Silver Jubilee celebrations of the School of Management of SASTRA Deemed University, a mega Job Fair was held on March 5, 2023 at SASTRA Deemed University Campus Thanjavur. 55 recruiters participated in this camp. 2743 students and graduates (Arts, Science, and Commerce) from different parts of Tamil Nadu attended the Job Fair. 696 spot offers were issued and 992 candidates were shortlisted for further process. The programme was organised in association with EQUITAS Trust Chennai. The major recruiters include City Union Bank, HDFC Bank, and TVS Group Companies.



Corporate Relations and Department of Training and Placement

Placements 2022-23

For the Academic Year 2022-23, placements started by June 2022 and so far 2305 students have been placed. 215 companies have visited so far and a total of 3571 offers have been made.

Corporate Connect

TCS conducted “Learn in a Day Series - Academic Interface Programme” on January 30 & 31, 2023 for the III year CSE students of SASTRA in association with the Department of Training and Placement, SASTRA. TCS Resource persons

Shri Hemaprakash and Shri K. Dilipan taught “AWS Cloud Computing and “React.js”.

A seminar on “Future of Building Information Modelling and its Relevance to Architecture for Civil Engineering” was conducted on February 17, 2023 in association with Technostruct, a Pune-based Global Institute for Building Construction Management for II and III-year Civil Engineering students. Smt. Janani Rajaram, BIM/ DVC Engineer, an Alumna of SASTRA and Shri Surjith Singh, Head, Global Sales addressed the students.

The Department of Training and Placement of SASTRA arranged a “Corporate Merit Scholarship of Rs. 60,000 (Rs. 30,000 per year for two years) per student for 30 students from one of our recruiters, Temenos. Students were selected through a rigorous selection process.

55 students have been selected during 2022-23 academic year for the Semester Abroad Programme. These students attending to the SAP in various institutions will receive Desh – Videsh Scholarship for the round trip and living expenditure fully sponsored by SASTRA.

Dr. V. Badrinath, Dean, School of Management and Corporate Relations attended the Academic Partners Meet with Shri MillindLakad, Executive Vice-President & CHRO TCS, organised by TCS at Mumbai on January 31 and February 1, 2023.



SASTRA Deemed University sponsored surgeries for five children from Mizoram at Sri Ramachandra Hospital, Porur, Chennai. Dr.JSN Murthy ensured that the financial support for kids' surgeries was done with care and concern for the deserving.

Entrepreneurship Development Activities:

EVENTS	DATE
Awareness Programme on Tamil Nadu Student Innovators 2022 (Non-funded) with the support of EDII TN Hub SASTRA Deemed University	January, 2023
Regional Level Boot Camp conducted during the launch of “School Innovation Development Programme (SIDP)” by Entrepreneurship Development & Innovation Institute, Government of Tamilnadu, Department of School Education and UNICEF	January 15-31, 2023
EDII TN Hub, SASTRA conducted SIDP Stage II Regional Level Boot Camp for Thanjavur, Tiruvarur,	January 27 & 28, 2023
Awareness Programme on Tamil Nadu Student Innovators 2022 by EDII TN through SASTRA Deemed University Hub, Thanjavur at SrinivasaRamanujan Campus	February 9, 2023
Awareness Programme on Entrepreneurship & Innovation for students of Chenduran College of Engineering & Technology, Pudukottai and Bharath College of Arts & Science, Thanjavur	February 24 & 27, 2023

Entrepreneurship Development Programme for outgoing students at Mount Zion College of Engineering & Technology, Pudukottai	February 23 & March 3, 2023
Entrepreneurship Development Programme for outgoing students at Swami Dayanandha College of Arts & Science, Manjakudi	March 3 & 4, 2023
Entrepreneurship Development Programme for outgoing students at EGS Pillay Engineering College, Nagai	March 9, 2023
Entrepreneurship Development Programme for outgoing students at Srinivasan Ramanujam Campus, Kumbakonam	March 15, 2023
Awareness Programme on Innovation Voucher Programme at Parisutham Institute of Technology, Thanjavur	March 24, 2023
Online workshop on Intellectual Property Rights	March 24 & 25, 2023
Entrepreneurship Development Programme for outgoing students at Annai College of Arts & Science, Kumbakonam	March 25, 2023
Entrepreneurship Development Programme for outgoing students at	March 27, 2023

NSS Activities

ACTIVITIES	DATE
Crowd Control at DHARA - SangitaNatyaParampara	January 5 & 6, 2023
Crowd Control Camp at ThyagarajaAradhana, Tiruvaiyaaru	January 6 & 10, 2023
National Youth Day - Guest lecture on "Awakening the Youth Power" was delivered by Dr.Sridharan M - Associate Dean, SEEE, SASTRA	January 13, 2023
Awareness lecture on "National Integrity and Culture - Dr.Kiran Seth, a Padma Shri awardee, founder of SPIC MACAY	February 4, 2023
Awareness against spitting in public places - "Spit free India campaign drive" by Shri Raja Narasimhan&Priti Raja, founders of "Sare Jahan Se Acha Foundation and Cara",	February 8, 2023
Screening of documentary awareness movie on "JeippadhuNijam"	February 14, 2023
Crowd Control at SASTRA Graduation Day Function	February 18, 2023
Crowd Control Camp at Maha Siva Rathiri at Big Temple	February 18, 2023
Awareness Programme on Good Habits and Personal Hygiene for School Students at Rayamundapatti	March 2, 2023

Lecture on "How to Become an Entrepreneur" by Dr. M. Velavan, School of Management,/ SASTRA, at Shanmuga Polytechnic College	March 3, 2023
Hundiyaal Counting at Big Temple	March 3, 2023
Crowd Control Camp at Pradosham at Big Temple	March 4, 2023
Crowd Control Camp at Job Fair at SASTRA Deemed University	March 5, 2023
Awareness Camp on Women Empowerment in Vallamputhur Village	March 8, 2023
Medical Camp (Homeopathy & Siddha Medicines)	March 8, 2023
Facilitation work in women Self Help Group (SHG) Stalls	March 8, 2023
Hundiyaal Counting at PunnaiNallurMariaman Temple	March 14, 2023
Special Camp at SRC Campus, Kumbakonam	March 25-29, 2023



NCC Activities

EVENTS	DATE
Combined Annual Training Camp at Thiru. Vi. Ka. Govt. Arts College, Thiruvavur by SRC, Kumbakonam cadets	January 5-12, 2023
Cdt. S. Kiruthika. of II B.C.A. SRC won a cash prize of Rs.2000/- in an online essay writing competition conducted by Ramakrishna Mut, Thanjavur and Kongunadu Arts & Science College, Coimbatore on the National Youth Day	January 12, 2023
Awareness Rally conducted by 8 TN (BN) NCC, Kumbakonam on millet awareness	March 7, 2023
NCC cadets marched in front of the National Flag, hoisted by Retd. Air Officer Lt. Cdr Vimal Raj on the 74th Republic Day organised by 06/34(TN), INDEP COY, NCC(Army), Thanjavur.	January 26, 2023
14 cadets attended the B certificate examination held at AnnaiVelankanni College, Thanjavur	March 11 & 12, 2023
8 NCC cadets attended the C certificate exam held at National College, Trichy	February 15 & 16, 2023



Activities of SCORE and UBA

November 2022 to January 2023: SASTRA Deemed University Public Policy Class students, Social Extension Programme students, and *Unnat Bharat Abhiyan* Project students jointly organised a two-month tailoring training course for the basic livelihood development of Avarampatti village women in Thanjavur District Budalur Union through a City Union Bank Dr.Kalam Development Education Center session.

March 9 & 31, March: Team SCORE involved its volunteers in temple cleaning activities at Nageswaran and Someshwarar Temple in Kumbakonam.

March 31, 2023: SASTRA's Community Outreach (SCORE) Club and under the UnnatBharathAbhiyan scheme, an awareness programme on 'The Impact of Mobile Phones and Environmental Issues' was conducted at Government Middle School of Sellappanpettai Village.



Sports Events

SASTRA Badminton, Basketball, Volleyball, Kabbadi, Table Tennis, Football men teams and Table Tennis women team participated in the Chief Minister's Trophy

District level Tournament, organised by Sports Development Authority of Tamilnadu at AnnaiSathya Stadium, Thanjavur on January 31, and February 1, 2 & 6, 2023. The following teams of SASTRA emerged victorious: Badminton men team Doubles Runner-up, Table Tennis men and women Doubles Winner and Singles Third place, and Basketball and Football men Third place. Also, SASTRA's Tennis men's team won the Third place in Chief Minister's Trophy Regional Level Tournament held at Arignar Anna Stadium, Trichy on February 21, 2023.

SASTRA Deemed University organised "Collosum", the 13th Edition of the National level sports fest from March 9-12,2023. More than 1000 students from 25 Institutions participated in the following events: Badminton (Men & Women), Basketball (Men & Women), Best Physique (Men), Chess (Men & Women), Football (Men), Handball (Men), Table Tennis (Men & Women), Tennis (Men & Women) and Volleyball (Men & Women).

SASTRA won the Colosseum'23 Overall Rolling Trophy by securing 178 points, followed by NIT, Trichy with 100 points, and Rajalakshmi Engineering College, Chennai, with 75 points. At the Valedictory function held on March 12, 2023. Smt. V. Pandeewari M.A., NIS., International Athlete presented and gave the prizes to the winners.



SASTRA's Football, Volleyball, Kabaddi, Cricket, Table Tennis men's teams and Basketball, Table Tennis women's teams participated in the Shri Ramachandralyer Trophy'23 Tournament, organised by Srinivasa Ramanujan Centre, Kumbakonam from April 7-9, 2023. SASTRA's Basketball women's, Football men's, Table Tennis men's and women's teams were the winners, and the Basketball and Cricket men's teams won third place.



On February 10, 2023, Shanmugha Polytechnic College conducted an Alumni meet and also honoured Shri R. Karthikeswar, the distinguished alumni of Shanmuga Polytechnic College who had won the gold medal and Mr. Universe-2022 title at the World Bodybuilding Championship held in Thailand. The chief guest Prof. S. Swaminathan, Dean, Planning and Development, SASTRA Deemed University felicitated Shri R. Karthikeswar with an incentive of Rs.50,000. During the ceremony, Mr.Kartikeswar delivered the acceptance speech and remembered his first bodybuilding competition and bodybuilding practice started from this college and his college days. Alumnus Shri G. Somasundarabharathi, Managing Director of Thanjavur GM Construction and Infra Pvt. Ltd., shared his experiences with more than 200 alumni along with their families, who attended the alumni meet.



Forthcoming Events

- 1.Dr.Chinmay Sahu, Computer Vision Research Scientist, Thales, USA will be delivering a KLF webinar on AI in Biometrics on April 12, 2023.
- 2.Shri Vikas Mathew, Chief Engineer, PZ Cussons, Nigeria will be delivering a KLF webinar on Instrumentation & Control - Industry Exposure, for B. Tech EIE students on April 22, 2023.