

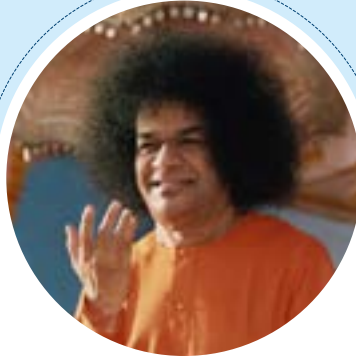


SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)



ANNUAL REPORT 2024-25



Education today is concerned with worldly comforts, but it should seek to promote, in addition to worldly knowledge, concern for spiritual development. Education has two important characteristics. One is exposition of facts relating to any subject. The other is the unfoldment of the individual's personality. The first is concerned with matter. The second is with energy. Education is a combination of the two. It is a combination of worldly and spiritual knowledge. Education cannot be confined to stuffing the head. It has to melt the heart, refine it and turn it Godwards. It is not enough to make a man of the student. He has to be transformed into an ideal human being. He must be made compassionate. Every effort should be made to utilise education for the purpose of divinising man.

Sri Sathya Sai Baba,
Revered Founder Chancellor, SSSIHL

*(Excerpt from His discourse at the
9th Convocation of SSSIHL, on November 22, 1990)*



Foreword

It gives me immense pleasure to present the Annual Report of the Sri Sathya Sai Institute of Higher Learning (SSSIHL) for the academic year 2024-2025 – a year marked by significant progress, innovation, and consolidation across all spheres of the University's functioning.

Building upon the strong foundation laid in the previous year, 2024-25 has witnessed a distinct upward trajectory in academic quality, research productivity, innovation, and global engagement. The Institute incurred an expenditure of ₹4.35 crores towards research and teaching, reflecting an 18% increase from the previous year. The average annual expenditure per student in 2024-25 stood at ₹ 2.51 lakhs. The total value of ongoing research projects funded through external grants stood at ₹4.03 crores. Faculty and students together published 162 research publications, and participated in 224 conferences, while organizing 151 academic events across campuses, marking a 65% growth in academic activity and outreach compared to 2023-24.

This academic year holds special significance as it coincides with the Centenary of the Advent of our Revered Founder Chancellor, Bhagawan Sri Sathya Sai Baba. With deep reverence and humility, the Institute rededicates itself to His divine vision – to nurture students who are professionally competent, physically disciplined, emotionally balanced, socially responsible, and spiritually aware.

Across departments, our faculty, research scholars, and students have brought laurels to the Institute. The year witnessed over 100 distinctions, the highest in SSSIHL's history. Notable among these were national and international honours for research innovation, entrepreneurship, and academic excellence in diverse disciplines such as biosciences, chemistry, management, computer science, and the humanities. The recognition of our faculty and students at premier national and global platforms is a testimony to their commitment to quality, perseverance, and the Institute's ethos of integral education.

Institutional governance and administrative systems also saw further professionalization. A dedicated Head of Human Resources was appointed to modernize HR practices and strengthen institutional processes, in alignment with SSSIHL's commitment to transparency, inclusion, and performance-oriented growth.

The Internal Quality Assurance Cell (IQAC) continued to play a pivotal role in deepening the culture of quality and holistic development. The conduct of the External Academic and Administrative Audit (EAAA) by eminent experts was a landmark exercise that affirmed the Institute's strengths – the maturity of its students, the dedication of its faculty, and the spirit of gratitude and purpose that pervades its campuses. The IQAC also launched a range of student clubs and wellness initiatives, fostering a vibrant environment for physical, emotional, and cultural growth.

In the domain of innovation, the Institution's Innovation Council (IIC) and the Sri Sathya Sai Research and Innovation Foundation



Prof. B Raghavendra Prasad
Vice-Chancellor

(SSSRIF) have strengthened the bridge between research and entrepreneurship. Through initiatives such as SparkLab 1.0 and dedicated incubation programmes, four start-ups were incubated this year with funding commitments of ₹1.5 crores. These ventures, including *Saimeethya Foods Pvt. Ltd.*, *Ghar Ghar Gurukul*, *Confido APAC Consultancy Services*, and *Shroom Technologies LLP*, exemplify compassion-driven innovation that aligns enterprise with social good.

The Institute also achieved a significant milestone in infrastructure advancement with the commissioning of the Science, Analytics & Innovation with High-Performance Computing (SAI-HPC) facility at the Centre for Research, Innovation & Foundation (CRIF). This world-class system enhances the Institute's capacity for interdisciplinary research in areas such as molecular modelling, data analytics, material sciences, and artificial intelligence.

The year also saw an expansion of the Institute's external engagements. With 20 new Memoranda of Understanding, taking the total to over 85 active collaborations, SSSIHL strengthened its partnerships with academia, research institutions, and industry – including the Federation of Asian Biotech Associations (FABA), ASPIRE, Promea Therapeutics, Virchow Biotech, and the Sri Sathya Sai Seva Organisation (India). These collaborations continue to enrich our ecosystem of knowledge exchange and socially relevant innovation.

The Institute's Corporate Social Responsibility (CSR) initiative gained momentum, with corporates such as JSW Foundation, HPL Electric and Power Limited, Sessaasai, Featherlite, Sai Wardha Power Generation Private Limited, etc. – committing to support academic and research endeavours. A dedicated CSR team was also developed to strengthen long-term industry partnerships for social and educational advancement.

The Sri Sathya Sai Students (SSSS), our Alumni Association constituted in 2024, has rapidly grown to nearly 3,600 members worldwide. Through its newsletter Samyog, service initiatives, and mentorship programmes, the alumni network continues to serve as a vital bridge between the Institute and society, embodying Bhagawan's message of "Love All, Serve All."

In summary, 2024-2025 has been a landmark year of achievement and reaffirmation for SSSIHL. With robust research growth, academic excellence, innovative start-ups, infrastructural expansion, strategic collaborations, and deepened alumni engagement, the Institute continues to evolve as a centre of excellence in higher learning and a beacon of value-based education.

As we step into the future, may we continue to draw inspiration from our Founder Chancellor's immortal message: "The end of education is character."

With His blessings and guidance, we rededicate ourselves to the pursuit of excellence with humility, gratitude, and unwavering faith.





ANNUAL REPORT 2024–25

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Introduction

Integral Education Dimensions

Sri Sathya Sai Values-based Integral Education

Sri Sathya Sai Institute of Higher Learning (Deemed to be University), Prasanthi Nilayam, Andhra Pradesh, India, is a visible manifestation of Bhagawan Sri Sathya Sai Baba's vision of education for human transformation. The Institute was recognised as a Deemed to be University by the Government of India in 1981.

The Institute hosts students from across the country at its four campuses located in the states of Andhra Pradesh and Karnataka, in India, and provides quality education to students, free of cost, for all programmes of study.

For Women:

- Anantapur Campus at Anantapur, Andhra Pradesh

For Men:

- Prasanthi Nilayam Campus at Puttaparthi, Andhra Pradesh
- Brindavan Campus at Kadugudi, Bengaluru, Karnataka
- Nandigiri Campus at Chikkaballapura, Karnataka

The academic programmes offered include undergraduate, postgraduate, professional, and research. The institute has an open admissions policy for all, irrespective of income, religion, or social status.

Academic Programmes:

- Undergraduate: B.A. (Hons. / Hons. with Research), B.B.A. (Hons. / Hons. with Research), B.Com. (Hons. / Hons. with Research), B.S (Hons. / Hons. with Research), B.P.A. (Hons.)
- Postgraduate: M.A., M.Sc.
- Professional: B.Ed., M.B.A., M.Tech.
- Research: Ph.D.

A Modern Gurukula

The holistic approach to education that Sri Sathya Sai Institute of Higher Learning (SSSIHL) imparts is based completely on the life, teachings, and direct precepts of its Revered Founder Chancellor, Bhagawan Sri Sathya Sai Baba.

The underlying philosophy of SSSIHL as put forth by the Founder Chancellor is *"The Institute was founded on the philosophy of Integral Education with the object of bringing about emotional, ethical, intellectual and spiritual integration in individuals by imparting basic spiritual and material education with a view to evolving total 'man' imbued with human values"*.

Right from its inception, SSSIHL has integrated ethics and values as the undercurrent of every subject taught at the Institute. Combined with academic excellence, the Institute provides a holistic framework of interpersonal development for its students. Its compulsory residential character trains the mind, body, and spirit of the student in an environment similar to the Indian 'Gurukula'

system of education, in the most modern context. This helps students develop a wholesome and balanced personality, one where academic competence is intertwined with value systems.

Distinctive Features

Admissions

- Open merit-based admissions policy for all, irrespective of income, religion or region
- Quality education, free of cost, for all students

Residential Character

- Teachers and students live and grow together on the campus in an atmosphere of mutual trust and unity, enabling the translation of theoretical lessons learned into practical skills through experiential learning.
- Spiritual ambience in an environment of discipline and love
- Cultivation of the spirit of self-reliance, brotherhood, and sacrifice through mentoring and personal example

Infrastructure

- Fully Wi-Fi campuses set in spacious and peaceful surroundings
- Well-equipped, modern science laboratories and state-of-the-art research instruments facility
- Integrated Library Management System (ILMS) accessed through the online Public Access Catalogue (OPAC), with over 1.89 lakh volumes
- Connected to the National Knowledge Network (NKN)
- Computer and multimedia learning centres with ultra-high-speed internet connectivity
- International Centre for Sports in the Prasanthi Nilayam campus and excellent sports facilities in the respective campuses

Academics & Research

- Student-teacher ratio of 13:1
- NEP compliant four-year undergraduate programmes with multiple entry and exit options, and postgraduate, professional and research programmes
- Research collaborations with premier Indian and foreign institutions and industry
- Interdisciplinary/multidisciplinary research for societal benefit

Integral Education

- Awareness programmes and self-development classes reinforcing ethics and human values
- Co-curricular activities that include sports and cultural activities
- Self-reliance departments inculcating the spirit of confidence and self-reliance
- Village service and community engagement inspiring selfless service to society
- Spiritual and devotional activities that inspire student to connect to their higher self

The Process

Sri Sathya Sai Values-based Integral Education system is a modern, rational, and scientific education system rooted in Indian ethos. It takes the best of both ancient and contemporary learning techniques and caters to the physical, mental, emotional, intellectual, and spiritual dimensions of human personality leading to wholesome growth. The five human values of Sathya (Truth), Dharma (Right Conduct), Shanti (Peace), Prema (Love), and Ahimsa (Non-violence) form the undercurrent of all the dimensions of integral education.

In the words of Bhagawan Baba, in this Institute, the medium of instruction is discipline and the first, second, and third languages are love, service, and sadhana (spiritual practice). The goal of the Institute is to develop students who are professionally sound, physically fit, emotionally balanced, socially responsible, and spiritually aware.

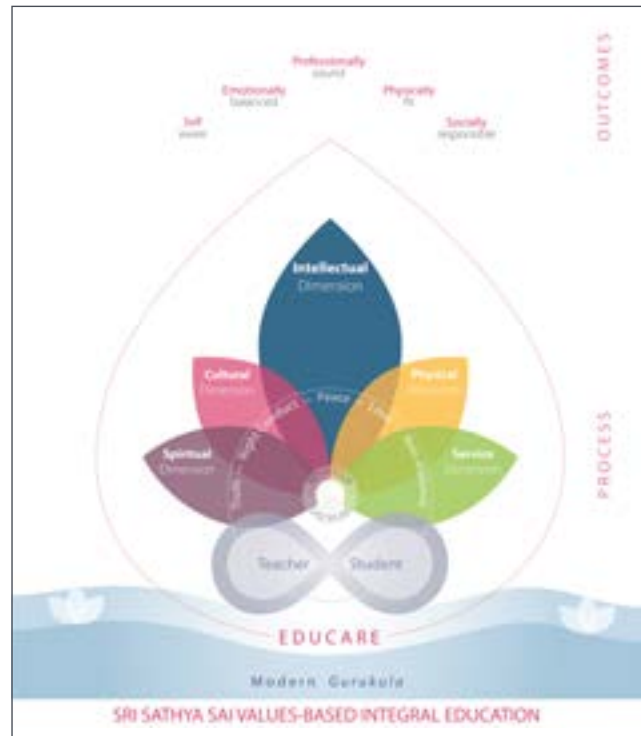
The values-based integral education system rests on the five pillars, namely – academic (intellectual), physical, cultural, service, and spiritual (devotional). A typical day in the life of a student at the campus from 5.00 am until 10.00 pm is strewn with several purposeful activities pertaining to these five pillars. The morning starts with collective prayers and meditation followed by fitness activities like jogging, yogasanas, workouts at the gym, games, and other vocational pursuits (such as practice sessions for music, band, traditional Indian music, etc.).

The day (9.30 am to 4.00 pm) is packed with academic activities. After college hours, students play games and engage in self-reliance departments where students offer selfless service and gather diverse skills. Occasionally, students participate in social work in and around the campus and other community engagement activities. These service activities assist in inculcating in the young minds a spirit of selfless service, the dignity of labor, teamwork, and cooperation. This is followed by time for *sadhana* (spiritual practice), which includes chanting of vedic mantras, hymns, and singing of *sarva dharma bhajans*. Dinner is followed by mandatory study hours wherein students revise all that has been taught during the day. The day ends with a night prayer of self-reflection. Thus, students are kept busy the whole day in meaningful pursuits with no time for any unnecessary distractions.

The Outcome

The outcomes of the system of Values-based Integral Education at SSSIHL are multifold. It prepares all graduates to be:

- Professionally Sound
- Physically Fit
- Emotionally Balanced
- Socially Responsible
- Self-aware



It helps develop a strong character and positive qualities in students and nurtures virtues like adaptability, tolerance, and sacrifice; shaping them into noble and responsible citizens.

Reflecting the transformative impact of SSSIHL's Values-based Integral Education, the All-Rounder Gold Medalists stand as shining examples of holistic development – professionally competent, socially responsible, emotionally balanced, and spiritually anchored individuals dedicated to selfless service.

All-Rounder Gold Medallists 2024 - 25

- **Gunda Navyasai** (Master of Business Administration)
- **Thota Hemavardhana Reddy** (Bachelor of Commerce (Hons.))
- **Amarjith** (Master of Arts in Economics)
- **Sumukha Sreenidhi Boddapati** (Master of Science in Data Science and Computing)



I have established these institutions to impart spiritual education as a main component and worldly education as a secondary one. Education should enable one to cultivate good qualities, character and devotion. The teaching of the University curricula is only the means employed for the end, namely, spiritual uplift, self-discovery and social service through love and detachment.

Sri Sathya Sai Baba, Revered Founder Chancellor, SSSIHL

Structure & Governance

Sri Sathya Sai Institute of Higher Learning (Deemed to be University) was established by the Sri Sathya Sai Institute of Higher Learning (Public Charitable Trust), which in turn has been established by the Sri Sathya Sai Central Trust. Bhagawan Sri Sathya Sai Baba is the Founder of these Trusts.

Sri Sathya Sai Institute of Higher Learning – Public Charitable Trust

The Sri Sathya Sai Institute of Higher Learning (a Public Charitable Trust) was established to nurture the intellectual, emotional, ethical, and spiritual growth of individuals, aiming to develop well-rounded human beings through a curriculum that integrates human values in its academic programmes reflecting the composite culture of India. The Institute seeks to preserve and promote India's rich cultural heritage while fostering in its students and teachers a deep awareness of the nation's social needs, with particular attention to the rural population. Furthermore, the Institute aspires to cultivate a global perspective and an international outlook in students. Its members for 2024/25 were:

Sri R J Rathnakar, Member Secretary

Active Social Worker and Alumnus, Sri Sathya Sai Institute of Higher Learning

Sri S S Naganand, Member

Just Law Advocates, Senior Advocate, High Court of India and Supreme Court of India, and Former President, International Commission of Jurists (Karnataka section)

Dr. V Mohan, Member

Chairman & Chief Diabetologist (Dr. Mohan's Diabetes Specialities Centre, an IDF Centre of Excellence in Diabetes Care), Director & Chief of Diabetes Research (Madras Diabetes Research Foundation, an ICMR Centre for Advanced Research on Diabetes)

Prof. S P Thyagarajan, Member

Former Chancellor of Avinashilingam Institute for Home Science and Higher Education for Women (Deemed to be University), Former Vice-Chancellor, University of Madras, Professor of Eminence & Dean (Research), Sri Ramachandra University and Eminent Microbiologist and Inventor

Prof. K B R Varma, Member

Former Vice-Chancellor (Sri Sathya Sai Institute of Higher Learning), Former Professor, Material Research Centre, (Indian Institute of Science, Bengaluru)

The Principal Bodies

The administrative and academic functioning of SSSIHL is carried out by the following three principal bodies:

- The Executive Council
- The Academic Council
- The Finance Committee

The Executive Council

The Executive Council is the principal authority of the Deemed to be University, responsible for its general management and administration. Its members for 2024/25 were:

- Prof. B. Raghavendra Prasad, Vice-Chancellor, SSSIHL (Chairman)
- Prof. K. B. R. Varma, Former Vice-Chancellor, SSSIHL, Professor (Retd.), Material Research Centre, Indian Institute of Science, Bengaluru
- Prof. M. Krishnamurthy, Centre Director, Tata Institute of Fundamental Research (TIFR), Hyderabad
- Smt. Vandita Sharma, IAS (Retd.), Former Chief Secretary, Karnataka
- Prof. Pushpati Nath Razdan, Former Vice-Chancellor, Dr. D. Y. Patil Vidyapeeth, Pune, Principal Adviser, Quality Assurance & Excellence Cell, Gokula Education Foundation
- Prof. M.K. Sridhar, UGC Representative
- Prof. S. Venkatesh, Biosciences, SSSIHL
- Prof. N. Sivakumar, Dean of Management & Commerce, SSSIHL
- Prof. N. Srividya, Dean of Sciences, SSSIHL
- Dr. R. Raghunatha Sarma, Associate Professor, Mathematics and Computer Science, SSSIHL
- Dr. G. Padmavathy, Assistant Professor, Management & Commerce, SSSIHL
- Dr. Srikanth Khanna, Registrar, SSSIHL (Member Secretary)

The Academic Council

The Academic Council is the principal academic body of SSSIHL and shall, subject to the provision of the rules of the Institute, co-ordinate and exercise general supervision over its academic policy.

Its external members for 2024/25 were

- Prof. Vineeth N. Balasubramanian, Professor, Dept. of Computer Science and Engineering, IIT Hyderabad
- Dr. Manoj Nakra, Co-founder SmartGlobal
- Prof. Reddanna Pallu, Executive President, Federation of Asian Biotech Associations, Emeritus Professor, School of Life Sciences, University of Hyderabad
- Prof. Pramod K. Nayar, Professor, Dept. of English, University of Hyderabad
- Prof. Harshawardhan Wanare, Professor, Dept. of Physics, IIT Kanpur
- Dr. K. Prasanna Sai, Director, Sai Advisory Services

The Finance Committee

The Finance Committee oversees and manages the financial matters of SSSIHL. It reviews the annual accounts and financial estimates, which are then submitted to the Executive Council for approval. The committee also considers and recommends the annual budget and revised estimates to the Executive Council, ensuring alignment with the institute's financial goals. The committee also sets limits for the institution's total recurring and non-recurring expenditures based on available income and resources.

Its members for 2024/25 were:

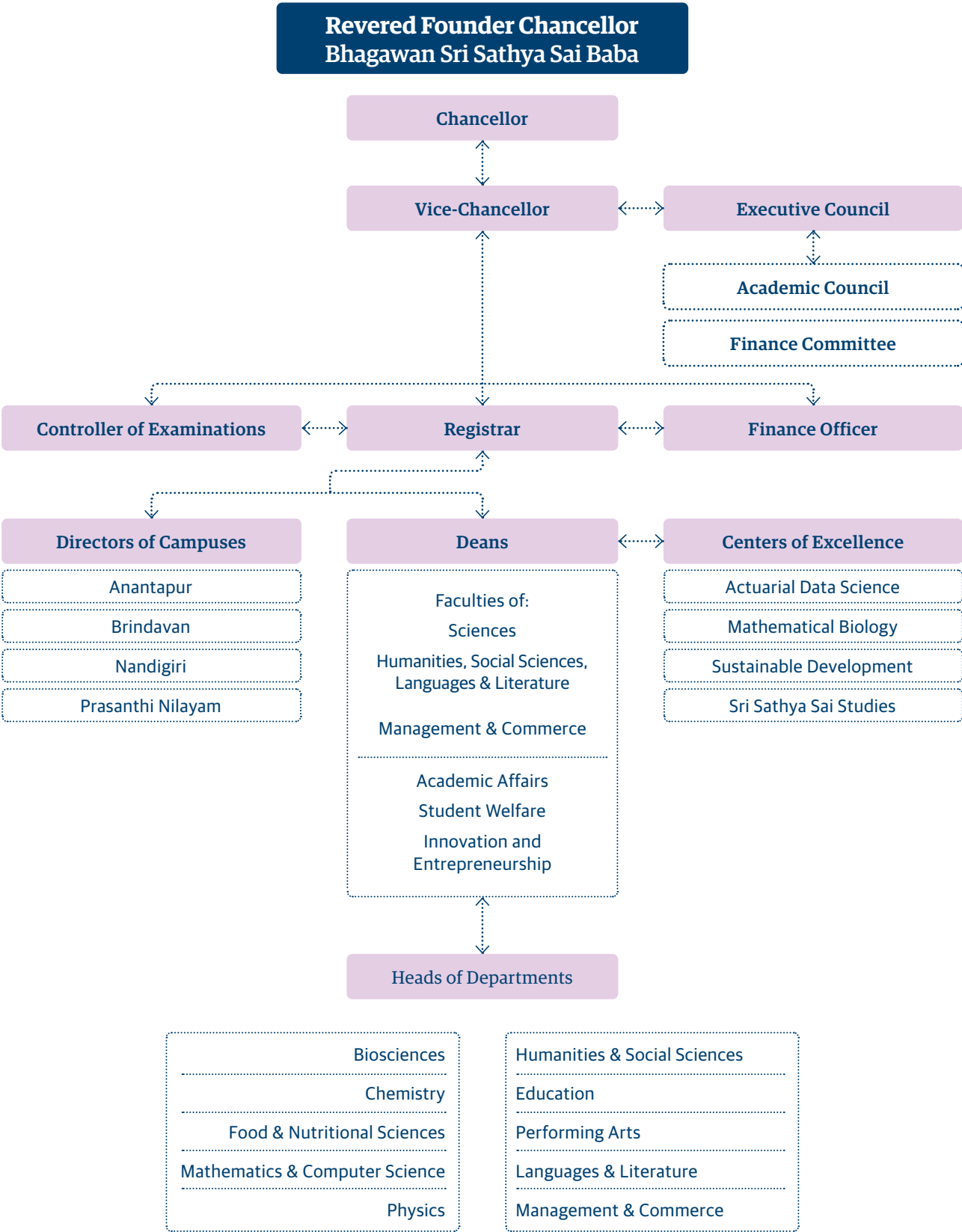
- Prof. B. Raghavendra Prasad, Vice-Chancellor, SSSIHL (Chairperson)
- Sri S. S. Naganand, Member, SSSIHL - PCT
- Sri P. Krishna Kumar, Member
- Sri Ravi Bhamidipaty, Member
- Sri Krishna Murthy V. K., Member
- Dr. U. Suma, Member
- Prof. Pallav Kumar Baruah, Member
- Dr. Srikanth Khanna, Registrar, SSSIHL, Member
- Sri J. Lakshminarasimhaiah, Finance Officer, SSSIHL (Secretary)

Committees, Cells and Clubs

The following Committees, Cells and Clubs are set up to ensure the high academic, research, and administrative standards that SSSIHL has striven to maintain consistently. They include:

Committees	Cells	SSSIHL Internal Committees
Anti-Ragging Committee	Equal Opportunity Cell	Council of Wardens
Anti-Ragging Squad	Gender Sensitization Cell	SSSIHL Hostels Management Committee
Boards of Studies	Green Cell	Campus-Hostel Management Committee
Building and Works Committee	Institute Industry Interface Cell	Kalam Program for IP Literacy and Awareness (KAPILA) Committee
Committee for SC/ST	Intellectual Property Rights Cell and Innovation Cell	Memorandum of Understanding (MoU) Committee
Enabler Teams for Institutional Development Plan	Internal Quality Assurance Cell	Sri Sathya Sai Centenary Celebrations Committee
Institution's Innovation Council	NEP 2020 Cell	SSSIHL Public Outreach Committee
Institutional Academic Integrity Panel	Research and Development Cell	Syllabus Technical Review Committee
Institutional Biosafety Committee	Research Conferment Cell	Student Counsellors
Institutional Ethics Committee	Social Media Cell	
Internal Committee	Socio-Economically Disadvantaged Groups (SEDGs) Cell	
Library Advisory Committee		
Research Advisory Board	Clubs	
Safety Committee	Cultural Clubs	
Students Grievance Redressal Committee Ombudsperson	Domain Clubs	
SWAYAM Advisory Committee	Entrepreneurship Club	
	Mental Wellness Clubs	
	Sports Clubs	

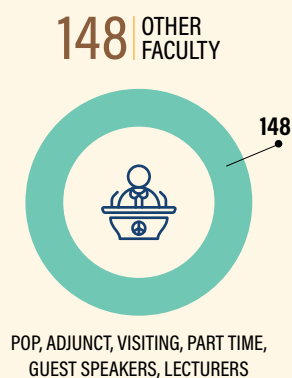
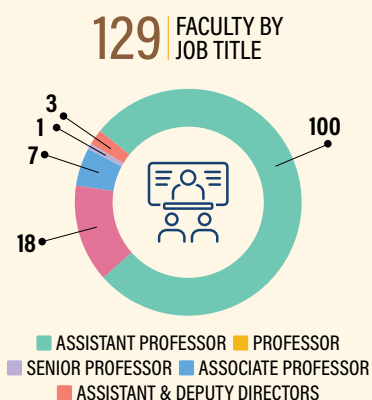
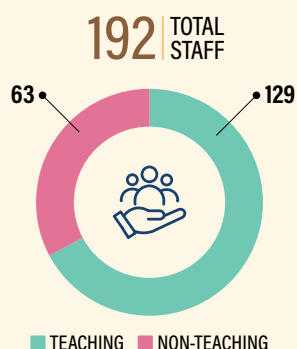
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SSSIHL Statistics

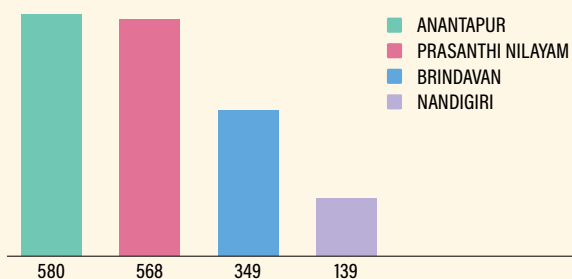
2024/25

STAFF PROFILE

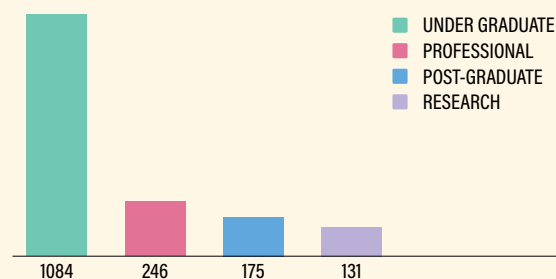


STUDENT PROFILE

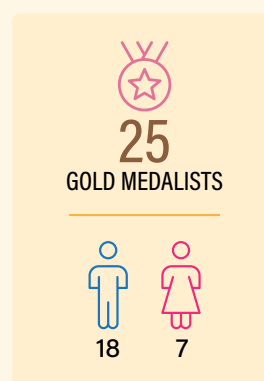
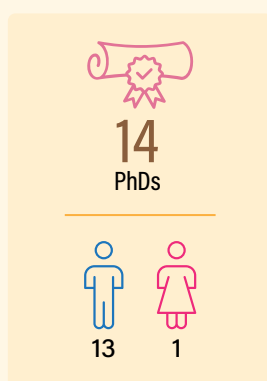
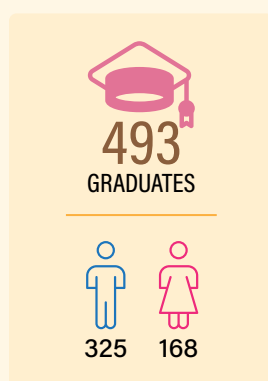
1636 BY CAMPUS



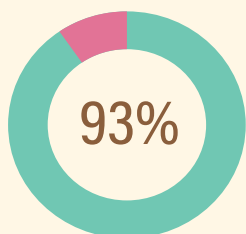
1636 BY PROGRAMME



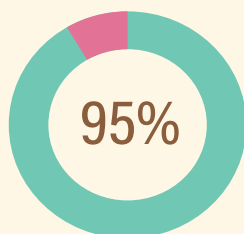
GRADUATES



EXAMINATIONS PASS RATES



UNDERGRADUATE
PROGRAMMES



POSTGRADUATE &
PROFESSIONAL PROGRAMMES



162

RESEARCH PUBLICATIONS
(INCLUDING BOOK CHAPTERS AND BOOKS)



224

CONFERENCE PRESENTATIONS /
PROCEEDINGS

ADMISSIONS

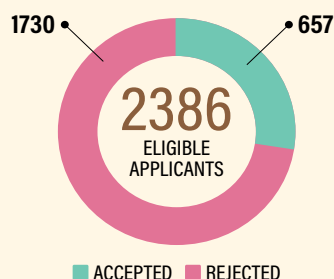
657

TOTAL ADMISSIONS



27.54%

ACCEPTANCE RATE



151

ACADEMIC EVENTS
ORGANISED



4.03 Cr.

FUNDED RESEARCH



13:1

STUDENT : TEACHER RATIO*
*Regular faculty only

₹ 2.51 LAKHS[#]

AVERAGE ANNUAL
EXPENDITURE PER STUDENT



1

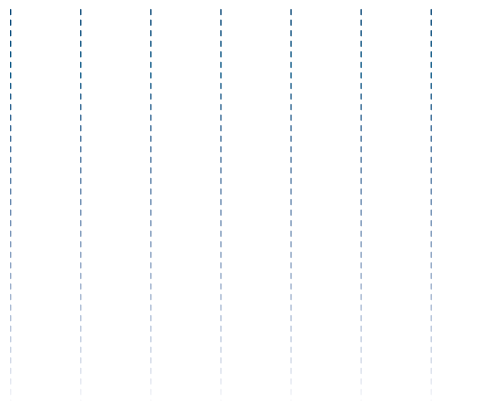
PATENT

[#]SSSIHL provides quality education to students, free of cost, for all programmes of study.



Intellectual Dimension

The intellectual dimension of the system comprises the academic inputs in the college related to their respective academic programmes; the awareness courses that expose the students to Bhagawan Baba's spiritual message and its relevance in our daily life; the self-development classes every Thursday that bring students face to face with eminent and renowned speakers who share with students their ideas and thoughts on varying topics ranging from patriotism, spiritual and human values, life challenges, Indian ethos, and history; and regular prayer talks by students and teachers on a variety of topics.



Humanities

Education

Academic Engagements

Guest Lecture on – Pedagogy of Social Science, by Edu Club, May 12, 2025

The Edu club, Department of Education, hosted an online guest lecture for I B.Ed. students by Ms. Sailaja Modem, Gargi College of Education. The session covered effective teaching strategies, interactive methods, and integrating human values in social science. Emphasizing contextual learning and inquiry-based approaches, Ms. Modem encouraged linking historical and geographical concepts to real-life contexts. The lecture was interactive, insightful, and well-received.

Adult Education Program, by Edu Club, March 26, 2025

The II B.Ed. students of Edu Club, Department of Education, conducted an Adult Education Program for campus contingent staff. Sessions covered cybersecurity, safe digital practices, and secure Google Pay transactions. Students also explained government schemes like Pradhan Mantri Health Insurance and Beti Bachao, Beti Padhao, followed by a Q&A. The program aimed to enhance awareness and empower staff, with ongoing guidance promised.

Career Counselling Session for B.Ed. Students, March 22, 2025

Alumna Mrs. Madhulika Jayanthi, a science teacher in Australia, addressed II B.Ed. students on the NSW curriculum, innovative pedagogies, and classroom management. She guided aspiring teachers on pursuing careers abroad, covering AITSL certification, IELTS/PTE, and NESA registration. The session offered global perspectives, practical advice, and an inspiring Q&A.

Field Visit to Vidyaniketan Academy, March 10, 2025

II B.Ed. students visited Vidyaniketan Academy, Bengaluru, to learn inclusive practices for children with autism, cerebral palsy, and other disabilities. Sessions covered assessment, behavior management, music therapy, and vocational training, enriching their understanding of adaptive teaching and inclusive education.

Guest Lecture on – Learning Disabilities, February 7 & 10, 2025

On February 7 and 10, 2025, Ms. Ambika Subramaniam, Centre Head, Vidyaniketan Academy, delivered two online guest lectures on Learning Disabilities. She addressed inclusive and integrated education, early identification, differentiated instruction, assistive technologies, and behaviour management for learners with dyslexia, ADHD, autism, and other challenges. Sharing practical strategies on classroom management, assessment, and foster-

ing inclusive environments, she highlighted the importance of compassionate, adaptive teaching approaches to ensure holistic development and equal opportunities for all learners.



Workshop on Integrating Human Values in Teaching Practice

Values Workshop: Integrating Human Values in Teaching Practice, December 21-23, 2024

The Values Workshop for B.Ed. students, held at SSSIHL from December 21-23, 2024, focused on integrating human values like empathy, integrity, and inclusivity into teaching. Conducted by the Department of Education faculty, it featured interactive sessions, reflections, and hands-on planning to create value-based lesson plans. The workshop aimed to nurture ethical, reflective teachers capable of fostering meaningful, values-driven learning environments.



Gender Awareness Programme by Edu Club

Gender Awareness Programme – Awareness to Action by Edu Club, December 19 - 20, 2024

As part of the Nayi Chethna 3.0 initiative, the Edu Club, Department of Education and Gender Sensitization Cell, SSSIHL, hosted a two-day Gender Awareness Programme at the Anantapur Campus on December 19-20, 2024. Activities included a poster presentation on gender-based violence, sensitization sessions on

dowry, harassment, and legal support, and highlights of women leaders and government schemes. The programme concluded with a call to action, empowering participants to advocate for gender equality and challenge discrimination through informed, collective efforts.

Guest Lecture on – Motivation, Faith, and Value-centered Teaching, December 19, 2024

On December 19, 2024, SSSIHL alumna Dr. Lakshmi Seetharaman addressed the Departments of Education and Humanities and Social Sciences on motivation, faith, and value-centered teaching. She emphasized meditation, yoga, and devotional singing for creativity, and highlighted faith, self-discipline, and inner tuning to overcome fear. Urging teachers to be value-based role models, she stressed service and love as keys to self-satisfaction and happiness.

Insightful Session on - The International Baccalaureate (IB) Board, October 5, 2024

Mrs. Parvathy Balaji, an experienced IB educator, conducted an online session on the International Baccalaureate (IB) Board on October 5, 2024. She explained its curriculum, core components (TOK, EE, CAS), and inquiry-based approach, highlighting its emphasis on personal growth, global outlook, and critical thinking. She also addressed queries on admissions, fees, and shared classroom insights, inspiring students to consider value-based international education.

Digital Tools and ICT Skill Development by Edu Club, September 28, 2024

The Edu Club conducted an ICT skills session on September 28, 2024, covering mind mapping with VUE, basics of website development, and AI-generated image creation using Bing. The interactive workshop enhanced participants' digital competencies, fostering creativity and practical tech skills for future learning applications.

Colloquium on - Violence and Peace Education in Classrooms, September 25, 2024

The Department of Education, SSSIHL, in association with Gargi College hosted an online colloquium on "Violence and Peace Education in Classrooms" on September 25, 2024. Student presenters shared research using theatre techniques to address peer violence, while Dr. Monica Gupta emphasized inner transformation. The session fostered dialogue on value-based approaches to peace education.

Career Counselling Session on - CTET Preparation, September 11, 2024

On September 11, 2024, SSSIHL alumna Ms. Vasanti conducted a career counselling session for B.Ed. students on CTET preparation. She shared exam strategies, time management tips, and key focus areas, emphasizing conceptual clarity, discipline, and confidence. The session ended with an interactive Q&A, motivating students to plan effectively.

Gurubhyo Namaha - Obeisance to All Gurus on Teacher's Day, September 6, 2024

The Department of Education celebrated Teacher's Day on September 6, 2024 with "Gurubhyo Namaha - Obeisance to All Gurus." The programme featured Veda chanting, speeches, a drama on social issues, and a musical tribute. Director Prof. Rani P.L., shared words of appreciation, and the event concluded with Mangala Aarti, honouring teachers' vital role.



Teacher's Day Celebrations

Research Areas

Impact of Positive School Climate on Psychological Mental Health and Well-Being of Adolescent Students

The study explores how a positive school climate—marked by inclusivity, respect, safety, student voice, and supportive teaching—enhances adolescents' emotional, social, and psychological wellbeing. Drawing on educational psychology and developmental science, it reveals how such environments foster identity formation, self-esteem, resilience, academic motivation, and a sense of belonging, thereby supporting overall mental health.

Effectiveness of a Value-Integrated Constructivist Approach (VICA) Model in Enhancing Life Skills, Values, and Academic Achievement among Secondary School Students: A Mixed Methods Study

This mixed methods study evaluates the VICA model, which integrates core human values into constructivist pedagogy for teaching biological science at the secondary level. Using an active, collaborative, and reflective learning module, it assesses the model's impact on life skills, values, and academic achievement. Findings highlight the integration of cognitive, emotional, psychomotor, and ethical domains, advocating a transformative approach to science education that fosters holistic development and responsible citizenship.



A Transformative Social Science Learning Model for the Gorkha Community in Rural Darjeeling

Transformative Pedagogy to Reimagine Social Science Education in Secondary Schools of the Gorkha Community in Rural Darjeeling

This research, aligned with NEP 2020, develops a transformative social science learning model for the Gorkha community in rural Darjeeling. It integrates indigenous knowledge, local history, and core social science values into contextual lesson plans, supported by a comprehensive teacher handbook. By fostering inquiry, contextual understanding, and real-world connections, the model aims to revitalize classrooms, making learning meaningful, relevant, and culturally rooted for secondary school students.

Humanities and Social Sciences

ECONOMICS

Academic Engagements

Faculty Development Program on – The Empirics of Causality, October 26-30, 2024



Dr. Olivier Dagnelie at FDP on the Empirics of Causality

The Department of Humanities and Social Sciences, conducted a hybrid Faculty Development Programme on “The Empirics of Causality” from 26–30 October 2024. Resource persons Dr. Olivier Dagnelie (SSSIHL), Prof. Vincenzo Verardi (UCLouvain, Belgium), Dr. Anand Shrivastava (Azim Premji University), and Prof. Jean-François Maystadt (UCLouvain & Lancaster University) trained participants in econometric techniques – DiD, IV, and RDD – using R and Stata, with real-world applications in health, social, and behavioural sciences, supported by comprehensive teaching materials.

National Workshop on – Indian Financial System: Prospects and Challenges, August 24, 2024



Sri Sundar Murthi, Chief General Manager-in-Charge, DEIO, RBI, at National Workshop on 'Indian Financial System

The Department of Humanities and Social Sciences, hosted a hybrid National Workshop on “Indian Financial System: Prospects and Challenges” on 24 August 2024. Shri Venkat Bhargava Sreedhara (Financial Sector Specialist, World Bank), Shri Sanjay Sahni (Associate Professor, SSSIHL), Shri Sundar Murthi (Chief General Manager-in-Charge, DEIO, RBI), and Shri S. K. Rajashekhar (Senior Portfolio Manager, RBI) shared insights on shifts, complexities, and the evolving landscape of the Indian financial system, inspiring reflections on policy implications and India's financial future.



National Workshop – Indian Financial System

Students' Success School: A Pathway to Competitive Exam Success, July 13, 2024

The Department of Humanities and Social Sciences hosted the inaugural session of 'Students' Success School' on July 13, 2024, at the Anantapur Campus. Chief Guest Sri Megha Swaroop, IAS, Municipal Commissioner of Anantapur, delivered an inspiring and insightful talk on UPSC examination strategies, guiding our students on competitive exam preparation, and setting a strong foundation for their success.

Faculty Achievements

Academic Honours and Invitations

- Dr. G. Raghavender Raju, was deputed from Sri Sathya Sai Institute of Higher Learning, as a knowledge partner for the Puttaparthi Constituency Vision Action Plan (CVAP) as part of the Swarna Andhra @ 2047 (May 2025).

Membership of Academic Bodies

- Dr. G. Raghavender Raju is the Life Member of The Indian Econometric Society (TIES) (March 2025).
- Dr. Rajabushan J Nayak and Sri Dinesh Kumar Choudhury are Lifetime Members of The Society of Economics and Development (March 2025).
- Sri B. Sai Prabhakar is a student member of Institute of Actuaries of India (IAI) (March 2025).
- Dr. Rajiv Gurung is a member of the American Economic Association for two years (March 2025).

Research Areas

Agricultural Revenue Protection for Indian Farmers

This research develops a comprehensive framework for Agricultural Revenue Protection in India, addressing both yield and price risks overlooked by traditional crop insurance. Using predictive analytics, actuarial science, and financial market tools, it forecasts crop prices and volumes with machine learning, integrating macroeconomic and climatic factors. The study proposes innovative insurance products, policy integration, and FPO empowerment for futures market access, alongside pilot strategies, to strengthen institutions and enhance farmers' economic resilience.

POLITICAL SCIENCE

Academic Engagements

Relevance of Non-Aligned Movement (NAM) in Contemporary Times, April 7, 2025

The Department of Humanities and Social Sciences - Political Science, organised an interactive hybrid session with Hon. Prof. R. Gangadhar Sastry on 7 April 2025 on "Relevance of Non-Aligned (NAM) in the Present Times." The discussion explored NAM's enduring role in India's diplomacy, rising global membership, and contemporary relevance. The session, organised by Ms. A. Sujana, was attended by Dr. Manas Kandi and final-year Political Science majors.

Guest Lecture on – The Heterodox Economics and the Making of Hind Swaraj, January 18, 2025

The Department of Humanities and Social Sciences - Political Science, organised a guest lecture on "The Heterodox Economics and the Making of Hind Swaraj" by Dr. Dhananjay Rai on 18 January 2025. The talk examined Gandhi's vision of self-reliance, localism, and ethical governance as heterodox economics, critiquing industrialisation and modernity. Dr. Rai highlighted its contemporary relevance in tackling inequality, ecological crises, and consumerism.

Faculty Achievements

Membership of Academic Bodies

- Ms. A. Sujana is a registered member of Indian Political Science Association, IPSA (March 25, 2025).

Student Achievements

Awards and Recognition

- Samragi Gurung of III BA secured 2nd place at the Viksit Bharat Youth Parliament Competition, Anantapur District, (March 22, 2025).

Research Areas

Gandhian Thought

This study examines Gandhi's principles of nonviolence (ahimsa), satyagraha (truth-force), and swaraj (self-rule), highlighting their relevance to contemporary conflict resolution and grassroots activism. Within peace studies, it explores structural and cultural violence, transformative justice, and the application of decolonial and alternative frameworks for fostering sustainable peace.

Rabindranath Tagore's Philosophy and Social Movements

Tagore's humanistic vision-rooted in universalism, education, and a critique of nationalism – provides a vital counterpoint to dominant political discourses. This study examines social movements, past and present, that challenge oppression through nonviolent resistance, drawing parallels between anti-colonial struggles and contemporary civil rights, environmental, and anti-war movements.

Comparative Political Theory

Comparative political theory engages in cross-cultural dialogues, especially between Indian and Western political thought, to critically rethink concepts such as democracy, freedom, and ethics

in a pluralistic world. This approach seeks to bridge theory and praxis while promoting justice, sustainability, and intercultural understanding.

Climate Jurisprudence in India

This descriptive, interpretivist study examines resistance and conflict within the sphere of climate justice, tracing the evolution of rights discourse in India – particularly the right to life – and analyzing the institutional role of courts in safeguarding environmental rights.

Contemporary Challenges in Indian Administration

This study analyzes public discourses on administrative reforms in India, reforms in the defence sector within the frameworks of Atmanirbhar Bharat and Viksit Bharat @2047, and the evolving strategies and challenges of political communication in the field of political consultancy. It offers insights into governance modernization, self-reliance in defence, and the dynamics of political messaging in India's democratic landscape.

Languages & Literature

ENGLISH

Academic Engagements



Lit-Treat Edition V – National Conference on Language, Literature and Beyond: Exploring New Frontiers in English Studies, March 14-15, 2025

The Department of Languages and Literature - English, conducted a two-day national conference titled Lit-Treat Edition V: "Language, Literature, and Beyond - Exploring New Frontiers in English Studies" in collaboration with Literary Voice – A Journal of English Studies, indexed with Web of Science. The conference took place on the 14th and 15th of March, 2025, at the Prasanthi Nilayam Campus, bringing together eminent scholars, researchers, and students to engage in thought-provoking discussions on contemporary research in Literary and Language Studies.

Launch of English and Sanskrit Clubs, Nandigiri Campus, February 13, 2025

On 13 February 2025, the English and Sanskrit Clubs were launched at Nandigiri Campus to nurture linguistic proficiency and cultural appreciation. The English Club began with a lively Spell Bee competition, encouraging vocabulary building, debating, and communication skills. The Sanskrit Club fosters engage-

ment with the timeless language, deepening literary and cultural understanding. Together, the clubs provide students with vibrant platforms for creative expression, intellectual growth, and holistic development, enriching campus life with knowledge, dialogue, and tradition.

Workshop on – Research Writing, February 8, 2025

The Department of Languages and Literature – English, conducted an insightful online workshop titled “Research Writing” on 8 February, 2025. Led by Dr. K.C. Bindu, Assistant Professor at Dr B.R. Ambedkar University, Delhi, the session provided valuable strategies for enhancing research skills. From tackling essential research questions to mastering literature reviews and effective note-taking techniques, the workshop equipped participants with practical tools to refine their writing. Dr. Bindu also debunked common research myths, inspiring scholars to engage deeply with their work while maintaining their unique academic voice.

Workshop on - Communication and Soft Skills Training for Employability, December 21, 2024

The Training and Placement team, Department of Languages and Literature – English, Anantapur Campus, organised a one-day workshop on Communication and Soft Skills for Employability on December 21, 2024. Attended by M.A. English and B.A. English (Majors and Honours) students, the session was led by Sri Prasanna Kannan, academician and entrepreneur. The workshop covered goal setting, decision making, effective communication, revenue building, and interviewing skills, enhancing students’ employability readiness.



Ms. Vidya Jaikumar on Web Content Writing

Web Content Writing (Blogging) in English for Technical Purposes, September 21 - 30, 2024

The Department of Languages and Literature – English, Anantapur Campus, hosted a series of guest lectures by distinguished alumna Ms. Vidya Jaikumar in September 2024. These interactive sessions provided students with valuable insights into web content blogging as a career. Covering diverse topics, the lectures offered strategies, techniques, and practical guidance on building a successful online presence, equipping students with knowledge to pursue blogging as a long-term professional path.

Career Opportunities in the Field of Writing for Media, September 13, 2024

The Department of Languages and Literature – English, Anantapur Campus, organised a career counselling session for post-graduate students with alumna Ms. G. Sai Darshana, a former journalist with News9. She engaged I and II-year MA English students, sharing insights on TV and print journalism. Ms. Darshana

recounted personal experiences, explained industry dynamics, and offered practical tips to help freshers navigate and succeed in news agencies, inspiring students to pursue journalism confidently.

Technical Writing in English for Professional Purposes, September 12 - 16, 2024

The Department of Languages and Literature – English, Anantapur Campus, hosted a guest lecture series on “Technical Writing in English for Professional Purposes” by Ms. G. Sai Darshana from September 12-16, 2024. Covering diverse topics like manuals, brochures, and writing strategies, the sessions included practical assignments such as creating user manuals and designing brochures. The interactive lectures provided students with hands-on experience and deep insights into professional technical writing.



Workshop on Write, Read and Lead Cultivating Literary Excellence in Multicultural Contexts

Workshop on - Write, Read, Lead: Cultivating Literary Excellence in Multicultural Contexts, August 27 - 28, 2024

The Department of Languages and Literature in collaboration with the Department of Education, organised a two-day workshop titled “Write, Read and Lead: Cultivating Literary Excellence in Multicultural Contexts”, to equip the B.Ed. and M.A. English students with a comprehensive view of how literary excellence takes place in multicultural classrooms. The guest speakers, Sri Vimalanathan Pillai and Mrs. Anusuya Pillai, shared insights from their classroom teaching experience and provided various pedagogical tools with engaging discussions and activities.

LitOrient '24: Orientation Programme for the Freshers, July 3 & 8, 2024

The Department of Languages and Literature – English organised the ‘LitOrient’24’ orientation for first-year undergraduates and postgraduates on July 3 at Anantapur and July 8 at Nandigiri Campus. The programme began with a welcome address by Dr. Nelli Vani Sri, followed by Prof. Rani P. L., and featured addresses from faculty including Dr. Vijaya Lekshmi R., Dr. Venkata Ramana, Dr. Maitali Khanna, Dr. Sowmya Srinivasan, and Ms. Sai Archana M., highlighting the department’s recent achievements.

Faculty Achievements

Academic Honours and Invitations

- Dr. Vijayalekshmi R., developed online educational content for BRAOU Online Study Material by authoring “Unit 15: Matthew Arnold: Poetry” and “Unit 15 on Matthew Arnold as a Victorian Poet” under the module on Indian Writing in English (June 2025).

- Prof. Rani P. L., delivered the Valedictory Address at the “National Seminar on ‘Beyond Borders: The Narratives of Migration in the Digital Age’” organised by the Department of English, Central University of Andhra Pradesh, Ananthapuramu, (April 30, 2025).
- Dr. Vijayalekshmi R., chaired a technical session on “Gender, Identity, and Resistance” during the One-Day International Virtual Conference on “Republic Revisited: Exploring the Nation in 21st Century Indian English Literature”, organized by the Research and PG Department of English, St. Aloysius College, Elthuruth, Thrissur, Kerala, (April 12, 2025).
- Dr. Sowmya Srinivasan was shortlisted for the St. Aloysius Best Research Paper Award 2024–25, organised by St. Aloysius College, Kerala, (March 19, 2025).
- Dr. Vijayalekshmi R., contributed to the BRAOU online Study Material for the course module Indian Writing in English on Pico Iyer, “In Praise of the Humble Comma” and also authored Unit 10 on Matthew Arnold as a Victorian Poet (March 2025).
- Dr. Aruna Kumar Behera served as a Subject Matter Expert (SME) and prepared the question paper for the Odisha Information Services examination conducted by the Odisha Public Service Commission (January 2025).
- Prof. Rani P. L., was invited as Guest of Honor at the “14th Graduation Ceremony” organised by “SURE Trust” (December 15, 2024).
- Prof. Rani P. L., was invited to conduct a Workshop on “Innovative Pedagogies in English Language Teaching” at “ELTAI Annual Conference 2024”, organised by the English Language Teachers’ Association of India (ELTAI) (October 25, 2024).
- Dr. Aruna Kumar Behera contributed as a part of Text Book Development Team for English “Grades 7 & 8” under Text Book Development of NCERT, (August 2024).

Membership of Academic Bodies

- Prof. Rani P. L., was selected as a member of the “Cambridge Academic Panel” by Cambridge University Press & Assessment, (2024 - 2025)

Student Achievements

Awards and Recognitions

- Ms. Sanya Ahuja got the St. Aloysius Best Research Paper National Award 2024 - 25 for her paper written jointly with Dr. Vijayalekshmi R., titled “Changing Patterns of Gender Representation in Pakistani New Media: A Case Study of Sar-E-Rah and Kuch Ankahi” (March 11, 2025).

Research Areas

An Indian Philosophical Reading of Iris Murdoch's Novels

This research offers a novel Indian philosophical reading of Iris Murdoch's novels, moving beyond the typical Western lens. Utilizing original archival commentaries, it explores themes of power, identity, morality, and ethics, focusing on their interpretation by Indian readers. The study highlights the cultural and philosophical impact of Murdoch's work in India, emphasising a unique confluence of Eastern and Western thought. Its national relevance lies in bridging diverse philosophical traditions through Murdoch's literature.

Comparative Poetics – Sanskrit and English

This research explores Comparative Poetics by applying the ancient Sanskrit literary theory of Dhvani to analyse English poetry. It highlights how many modern Western literary theories, often used in India, trace their origins to Sanskrit poetics from the 2nd to 11th centuries. The study highlights Sanskrit's rich poetics and aesthetics heritage and seeks to revive its significance, underscoring its national relevance by bridging classical Indian literary traditions with contemporary English literature analysis.

The neo-Vedantic ‘Self’ in Romantic Poetry (Wordsworth's ‘The Prelude’ and Tagore's ‘Gitanjali’)

This thesis explores the neo-Vedantic concept of the Self in Romantic poetry, focusing on Wordsworth's The Prelude and Tagore's Gitanjali. It contrasts the Western Enlightenment's fragmented, rational Self with Advaita Vedanta's unified Self that transcends duality. The study highlights how Romantic poetry reflects this quest for unity, proposing the spiritual Self as a healing force in today's fragmented world, bridging Eastern and Western philosophies to address contemporary identity challenges.

Development and Validation of a Scale to Measure Communicative Competence Among College Teachers

This research in Applied Linguistics addresses the rising need for an eclectic framework of ‘Communicative Competence’ tailored to India's workplace. It aims to develop a comprehensive linguistic testing kit for communication-intensive sectors, enabling assessment and enhancement of employees' communicative skills. By integrating pioneering linguistic theories, the study promotes creative, effective communication beyond technical expertise, with significant academic and social impact on improving workplace interaction and business innovation in an era shaped by social media, AI, and machine learning.

A Literary Move from Climate Silence to Climate Action

An Ecosophical Reading of Amitav Ghosh's Selected Novels: This research explores Amitav Ghosh's novels through an ecosophical lens, emphasising their role in transitioning from climate silence to climate action. By highlighting the social relevance of Ghosh's cli-fi narratives, the study raises awareness among youth about environmental crises and climate justice. It underscores the power of cultural storytelling in shaping attitudes and promoting interdisciplinary approaches, aiming to inspire policy advocacy and sustainable practices, thus contributing to urgent global efforts against climate change.

Cognitive Poetics of AK Ramanujan

This research examines A.K. Ramanujan's English poetry through cognitive stylistics, focusing on how metaphorical images shape his poetics and worldview. By analysing primary, secondary, and archival sources, it reveals the interplay between linguistic, conceptual, and image-schematic elements in his work. The study highlights the significant role of language in forming thought and identity, offering fresh insights into Ramanujan's poetic imagery and its cognitive impact on readers.

Trauma Studies in Kashmir Literature in English

This research explores trauma in Kashmiri literature in English, analysing how writers depict the impact of conflict on Kashmiris. It examines collective and intergenerational trauma through Trauma Studies to gain a comprehensive academic understand-

ing of human experiences in the region. The study contributes to broader discussions in literary and academic fields by addressing the complex emotional and social consequences of Kashmir's troubled history.

Exile, Memory and History

This research examines the Palestinian diaspora's autobiographical writings to explore nostalgic memories and traumatic experiences following the 1947 exodus. It aims to fill historiographical gaps by crafting a revised historical narrative. The study also investigates how exiles adapted to new lives and how their collective memory shaped and redefined Palestinian national identity, highlighting the complex interplay of exile, memory, and history in preserving cultural heritage and resilience.

Space, Place, and Species in Emerging Ecologies

This research explores bio-regional ecocultural narratives centered on the River Teesta to address ecological crises through sustainable, region-specific solutions. It analyzes folklore, indigenous oral histories, eyewitness accounts of ecological disasters, regional fiction, and documentaries, highlighting the river as an ecocultural keystone. The study theorizes Teesta as a "lifeline," emphasizing how these narratives create a discursive space fostering emotional connections between people, place, and species, promoting ecological awareness and sustainable living.

Narrativity in Indian English Poetry

This research uncovers hidden narrative structures in Indian English poetry, focusing on Jayanta Mahapatra's works. It develops a narrative model combining existing theories and stylistic analysis to examine poetic diction, narrative elements, and cultural markers. The study reveals how lyric poems serve as narrative texts reflecting marginalised communities' lived realities. This work broadens narratology's scope, offering innovative methods to interpret the social depth and storytelling potential within Indian English lyric poetry.

Indian Picturebooks in English and Material Engagement Theory

This research explores contemporary Indian picturebooks in English as socio-cultural objects, emphasizing their materiality in illustrations, stories, and physical form. Using Material Engagement theory, it examines how these elements foster meaningful engagement among child readers. The study aims to develop a framework illustrating how interaction with picturebooks promotes children's cognitive and socio-cultural development, enhancing awareness and shaping various aspects of their personality through immersive, tangible literary experiences.

Himalayan Heritage Studies

This research focuses on the endangered cultural legacy of the Sherpas in the Eastern Himalayas. Challenging the dominant narrative that reduces Sherpas to mere porters, the study highlights their rich history of valour and identity. It examines how modernization, climate change, tourism, and geopolitics impact their cultural identity, aiming to revive their stories and preserve their heritage often marginalised in history and public memory.

Indian Sign Language

This research focuses on Indian Sign Language (ISL), the primary communication mode for Deaf communities in India. Despite decades of use, ISL remains underexplored. The study aims to examine its linguistic nuances and dialectical variations across the Indian subcontinent, contributing to a deeper understanding of Deaf culture and communication within India.

HINDI

Academic Engagements



Hindi Bhasha Diwas Celebrations

Bharatiya Bhasha Utsav, December 11, 2024

Bharat Bhasha Diwas was celebrated with deep reverence and enthusiasm commemorating the birth anniversary of the legendary poet and patriot Subramaniya Bharati. The event paid tribute to India's linguistic diversity and honoured Bharati's remarkable legacy as a freedom fighter and literary icon. The program began with a devotional invocation, followed by students reciting verses in various Indian languages, showcasing the vibrancy of India's multilingual heritage. A video presentation on Bharati's life and contributions highlighted his patriotic spirit and literary brilliance.

Hindi Bhasha Diwas, September 14, 2024

Hindi Bhasha Diwas was celebrated on September 14, 2024, with participation from all UG, PG, and research scholars. The Campus Director highlighted the day's significance, followed by two UG students who emphasized the importance of a national language in shaping a country's identity. A competition was held across various genres, open to all students with single entries per topic. Winners received tokens of appreciation, marking an engaging and meaningful observance of Hindi Bhasha Diwas.

TELUGU

Academic Engagements

Telugu Bhasha Dinostavam, Anantapur Campus, August 29, 2024



Telugu Bhasha Dinostavam

The Department of Languages and Literature celebrated Telugu Bhasha Dinotsavam with devotion and pride. The program opened with "Maa Telugu Talliki" and featured addresses by Mrs. Yamunarani, who spoke on Gidugu Rammurthy Pantulugaru's contributions, and Chief Guest Dr. Shyamala, who highlighted Telugu's sweetness and legacy. A poetry competition winner, Tejaswini (II UG), recited her poem. The event concluded with "Jai Telugu Talli," fostering love and respect for the mother tongue.

Faculty Achievements

Awards and Recognitions

- Dr. Malla Penchala Prasad was awarded the "First Prize", along with a cash award of ₹5,000, for his essay on the novel Nirvana in a competition organized by Saddemma Shithi Samithi, Warangal, Telangana, (May 12, 2025).

Research Areas

Characterization in the Early Social Novels (1973-1982) of Malladi Venkata Krishnamurthy

This study analyzes characterization in Malladi Venkata Krishnamurthy's early social novels (1973-1982). Renowned for over 106 novels, 5000 short stories, and 1200 essays, Malladi's engaging style highlights contemporary social issues. The research examines character behaviour, personalities, and roles within specific contexts, offering insights into the socio-cultural environment, prevalent social challenges, and the values reflected in his works during that decade.

PERFORMING ARTS

Academic Engagements

Workshop on – Evolution of Indian Music into Carnatic & Hindustani systems, November 21, 2024



Dr. Dwaram V J Lakshmi at the Workshop on the Evolution of Indian Music

The Department of Performing Arts organized an insightful workshop on 21st November 2024 featuring the esteemed Carnatic vocalist, Dr. Dwaram V J Lakshmi. Her session was an inspiring exploration of Indian music's rich history, tracing its evolution into two iconic traditions – Carnatic and Hindustani. With live demonstrations, engaging discussions, and interactive Q&A, the workshop highlighted the shared roots and unique nuances of these musical styles, leaving participants enriched and inspired.

Faculty Achievements

Awards and Recognitions

- Dr. Priyam Chaturvdei was awarded 'B' Grade in Light Music by the All India Radio, Chhatarpur (M.P) (June 2, 2025)
- Sri Raghavendra K Badasheshi served as an esteemed judge at the Akashvani Music Auditions 2024, held at Akashvani Kalaburagi (March 3-4, 2025)
- Sri D. Anantha Rao was nominated as an expert in Mridangam (Carnatic Music) for the Board of Studies, Department of Instrumental Music, Banaras Hindu University (October 7, 2024)

Research Areas

Imparting Music as a Therapy

In collaboration with the All India Institute of Speech & Hearing (AIISH), Mysore, faculty have begun conducting music therapy classes for autistic children at AIISH's Department of Speech and Hearing. This initiative aims to document medical improvements in the children, potentially leading to recognized outcomes and future funding opportunities.

Library

Faculty Achievements

Awards and Recognitions

- Patent:** Gnanasekaran, D., Panduranga Swamy, M., & Kishore, A. Automated book sorting system for libraries (Indian Design Patent No. 442662-001). Patent Office, Government of India (January 1, 2025).

Academic Honours and Invitations

- Dr. M. Panduranga Swamy was Rapporteur in the International Conference on "Linking, Informing and Sharing: Building Resilient Education and Library Systems" (ICLIS - 2024) organised by the Learning Resource Centre, JAIN (Deemed-to-be University) in collaboration with Karnataka State Library Association, Bengaluru (July 25 - 26, 2024).



Management and Commerce

Academic Engagements

Faculty Development Programme on - Advancing Research Excellence, May 19 - 23, 2025

The Department of Management and Commerce, conducted a five-day online Faculty Development Programme titled Advancing Research Excellence from 19-23 May 2025. Designed for faculty, research scholars, and industry professionals, the sessions covered Systematic Literature Review, bibliometric analysis, academic writing, publication strategies, and ethical publishing. Participants gained valuable insights into structuring research papers, improving visibility, and navigating quality journals. Dr. Raja Sankaran, Associate Professor, SSSIHL, with over 35 years of academic and industry experience, served as the resource person for the programme.

Faculty Development Programme on - Financial Modeling using Excel VBA, R, and AI Tools, April 15 - 30, 2025

The Department of Management & Commerce, in collaboration with IQAC, conducted a 14-day online Faculty Development Programme on Financial Modeling using Excel VBA, R, and AI Tools from 15-30 April 2025. Open to faculty across India, the sessions focused on Excel VBA, R-based financial data analysis, and AI applications in modeling. Resource persons Dr. L. Goverthan and Dr. Subramanian S. Iyer guided participants in enhancing teaching methodologies. The FDP enabled educators to gain practical proficiency and integrate advanced tools into financial education.

Guest Lecture on – Understanding GST, April 5, 2025

The Department of Commerce, Brindavan Campus, organized a guest lecture on “Understanding GST” on April 5, 2025, by CA L Sridhar, Partner, Sridhar & Brito, and expert in Indirect Taxation. Addressing forty-one III B.Com. (Hons.) students, he covered GST implementation, framework, amendments, compliance, industry aspects, and career prospects. Blending theory with practical insights, the session enhanced students’ understanding of India’s tax structure and prepared them for professional roles in indirect taxation.

Dumb Charades: Non-Verbal Communication by Commerce Club, April 2, 2025

The Commerce Club, Department of Management and Commerce, organized “Dumb Charades” on April 2, 2025, for 230 students to demonstrate non-verbal communication’s critical role in professional and personal interactions. The entertaining activity evolved into meaningful exploration of silent expression techniques, with participants discovering how facial expressions, gestures, and body language effectively convey complex messages without words. The session highlighted real-world applications

in interviews, presentations, and team collaborations, providing insights into non-verbal communication science, professional signal interpretation, and body language importance in digital communication era.

Workshop Series on – Selling Skills Development, January 18 - March 29, 2025

The Department of Management and Commerce, Brindavan Campus, conducted a seven-session “Selling Skills Development” workshop series from January 18 to March 29, 2025, facilitated by Sri Sanjay Jotshi, Chief Business Officer, Manch Technology, with 30+ years’ experience. Designed for III B.Com.(Hons.) students, it covered sales opportunities, communication, empathy, problem-solving, negotiation, lead generation, and deal closure. Through role-plays, elevator pitches, profiling, and simulations, students honed non-verbal communication, active listening, and relationship-building for professional success.

Workshop on – Costing Practices in Corporate, March 29, 2025

The Department of Commerce and Management, Anantapur Campus, organised a workshop on Costing Practices in Corporate on 29 Mar 2025. Sri V.S. Sekar, CFI Certified Executive Coach and Vice President (Projects - SIS Group), Dusters Total Solutions Services Pvt. Ltd., shared insights from his 42 years of experience in finance, costing, and supply chain, offering students hands-on exposure to contemporary cost management techniques and industry-relevant decision-making tools.

Story: Behind the Game by Commerce Club, March 26, 2025

The Commerce Club, Department of Management and Commerce, hosted “Story: Behind the Game” on March 26, 2025, for 230 students, featuring Sri Varun Athreya, Cricket Performance Analyst from BCCI. The session unveiled strategic and business dimensions of modern cricket, revealing data-driven ecosystems powering the sport. Athreya explained analytics utilization, IPL auction dynamics combining data analysis and budget management, and the human element of high-stakes bidding. Key takeaways included support staff importance, sports-commerce intersection through franchises, and analytical approaches revolutionizing traditional sports management.

Alumni Mock Interview Initiative for B.Com. (Hons.) Students, March 23, 2025

The Department of Management and Commerce, Brindavan Campus, conducted an Alumni Mock Interview Initiative on 23 Mar 2025 for 37 III B.Com. (Hons.) students. Twelve distinguished alumni interviewed students across six panels-Marketing, Finance, Accounting, Insurance, and Strategy-providing 20-30-minute sessions with immediate feedback and written assess-



ments. The initiative offered authentic interview experience, industry-specific insights, and professional guidance, enhancing students' employability skills and career readiness.

Surprises: Embrace the Unexpected by Commerce Club, March 19, 2025

The Commerce Club, Department of Management and Commerce, organized Surprises: Embrace the Unexpected on 19th March 2025 for 230 students from diverse disciplines. The interactive session highlighted how unpredictable situations can be transformed into growth opportunities. Through real-world examples and discussions, participants learned strategies to enhance adaptability, quick thinking, and communication skills, concluding with insights on leveraging uncertainty as a catalyst for continuous improvement and success.

Workshop on – The Future of Marketing: Trends, Technology and Transformation, March 18, 2025

The Department of Management & Commerce, Anantapur Campus, organised an In-person workshop on The Future of Marketing: Trends, Technology & Transformation on 18 March 2025, led by Dr. Akanksha Aggarwal. Eminent speakers included Ms. Amudha Ranganathan - Guest of Honor, Executive Director, CavinKare Group & Director, E-Commerce, CavinKare; Ms. Shruthi Bopaiah - EVP & Head, Axis Bank; Sri Ganta Dilip Kumar - Circle Chief Executive Officer, Indus Towers Limited; Sri Sai Venkatraman - Vice President of Sales, CavinKare; Ms. Maheima Kapur - Independent Consultant, Digital Transformation; Ms. Kasturi Cotha - Hon. Secretary, NHRD Bangalore Chapter. Sessions offered practical insights on e-commerce, branding, adaptability, and innovation, inspiring students to embrace technology while building authentic customer relationships.

Market Mosaic – Commerce Fest, March 15, 2025

The Department of Management & Commerce, Anantapur Campus, organised Market Mosaic - Commerce Fest for I, II, and III B.Com students on 15 Mar 2025. Coordinated by Dr. N. Jayaprada, the fest featured four events-Poster Prodigy, The Business Odyssey, The Trade Tapestry, and Adathon. Dr. G. Padmavathy, Head, DMC, delivered the inaugural talk and distributed prizes, emphasising experiential learning's role in nurturing future professionals.

Email Etiquettes: From Inbox to Impact by Commerce Club, March 5, 2025

The Commerce Club, Department of Management and Commerce, conducted "Email Etiquettes: From Inbox to Impact" workshop on March 5, 2025, for 230 students, facilitated by Sri K R Venkatesh, an experienced banking professional. The session provided guidance on crafting effective workplace emails demonstrating clarity, professionalism, and strategic communication. Participants engaged in interactive exercises applying practical techniques for structuring emails, maintaining appropriate tone, and ensuring message clarity. Key takeaways included formatting best practices, professional etiquette, and strategies to avoid communication pitfalls, enhancing professional correspondence skills.

Faculty Development Programme on Building a Future-Ready Academia – Developing Transformative Leaders, February 7 - 24, 2025

The Department of Management and Commerce, conducted a Faculty Development Programme on "Building a Future-Ready Academia-Developing Transformative Leaders" from 7-24 Feb-

ruary 2025 for internal and external participants. Designed for educators, academic leaders, and researchers, the programme featured expert-led sessions, interactive workshops, and discussions focusing on leadership development, innovative and inclusive practices, emerging technologies, industry-academia synergy, NEP and ESG alignment, and holistic personal and professional growth.

Saviors: Reimagine, Rebrand, Revive by Commerce Club, February 12, 2025

The Commerce Club, Department of Management and Commerce, organized "Saviors: Reimagine, Rebrand, Revive" on February 12, 2025, for 230 students, featuring Sri Parthiv Mukhopadhyay's presentation on strategic branding's transformative power. The session analyzed landmark case studies including cricket's T20/IPL transformation and Formula 1's digital engagement pivot, demonstrating how innovative rebranding successfully revived major sports industries. Participants gained insights into brand positioning, audience engagement, and innovation strategies applicable across industries, concluding with interactive discussions on applying branding lessons to various business scenarios.

Workshop on – Costing a Product, February 8, 2025

The Department of Management and Commerce, Brindavan Campus, conducted a workshop on "Costing a Product" on 8 Feb 2025, facilitated by Mrs. Aruna Inguva, Executive Director, Wells Fargo. III B.Com.(Hons.) students, in seven teams, prepared cost sheets for hypothetical startups, gaining hands-on experience in financial planning and cost estimation. The session covered costing fundamentals, cost types, product vs service costing, and technology's impact, with interactive discussions and real-world examples enhancing practical skills and corporate readiness.

CEO Meet, February 7, 2025

The Department of Management and Commerce, Brindavan Campus, hosted a CEO Meet on 7th February 2025 for 1st Year MBA students. Sri Kinshuk Kale, Founder & CEO, Shorter Loop, and Ms. Sudipta Paul Choudhury, Chief Marketing & Growth Officer, shared insights on entrepreneurship, agility, GTM strategy, customer-centric growth, and scaling operations. The interactive session covered start-up funding, market entry, leadership, and team building, emphasizing resilience, adaptability, and strategic pivoting for business success.

The Budget Breakdown by Commerce Club, February 5, 2025

The Commerce Club, Department of Management and Commerce, organized The Budget Breakdown on 5th February 2025 for 230 students, analyzing India's Union Budget 2024 presented by Finance Minister Smt. Nirmala Sitharaman. The session highlighted key allocations, policy changes, and sectoral impacts, explaining the budget's relevance for citizens, businesses, and national development. Interactive discussions encouraged critical thinking on budget-making and its broader implications, inspiring students to explore public finance and economic policy in greater depth.

Guest Lecture on – Artificial Intelligence, February 4, 2025

The Department of Management and Commerce, Brindavan Campus, hosted a guest lecture on Artificial Intelligence on 4th February 2025 for MBA students. Delivered by Sri Ramakrishnan Meenakshisundaram, Vice President at ANZ with 17+ years in soft-

ware design, fintech, and IoT, the session introduced Ollama, an open-source platform for running, creating, and sharing LLMs locally, with a live demonstration of its applications across domains.

Big Brain Brawl Quiz Competition by Commerce Club, January 29, 2025

The Commerce Club, Department of Management and Commerce, organized the Big Brain Brawl quiz competition on 29th January 2025 for 230 students. Featuring multiple rounds on commerce and management, questions were tailored to participants' academic backgrounds. Teams were formed via randomized Excel selection for fairness. Club members managed question design, technical arrangements, and round transitions with precision, ensuring smooth coordination, effective time management, and an engaging, on-schedule event.

Panel Discussion on – Secrets of Outstanding Resumes, Interview Tips, and Networking Skill Sets, January 25, 2025

The Department of Management and Commerce, Brindavan Campus, hosted an online HR panel discussion on "Secrets of Outstanding Resumes, Interview Tips, and Networking Skill Sets" on 25th January 2025. The event featured a distinguished panel of career experts – Sri Gopal Krishna, Apollo Home health care, Sri Sai Nidamurthy, HR Head, Wells Fargo, Sri Varoun, Sri Absa, Sri Satyadeep, Toyota Financial Services, who shared strategies on crafting impactful resumes, excelling in interviews, and effective networking. The interactive session equipped students with practical tools for personal branding, professional growth, and successful career advancement.

Workshop on – Future-ready Toolkit: Unlocking Business Creativity, Digital Credibility, and Marketing Excellence, January 20 - 21, 2025

The Department of Management & Commerce, Anantapur Campus, organised a workshop titled Future-Ready Toolkit: Unlocking Business Creativity, Digital Credibility, and Marketing Excellence. Led by Sri Harshavardhan Gaddalae, Managing Director of Medha Research & Consulting Pvt. Ltd., participants learned Generative AI applications in marketing, lateral thinking for innovation, and LinkedIn optimisation, gaining actionable skills for academic and career growth.

Hands-on Session on Cold Calling and Sales Techniques, January 18, 2025

The Department of Management and Commerce, Brindavan Campus, held a hands-on session on Cold Calling and Sales Techniques on 18th January 2025 for 1st Year MBA (Marketing) students. Conducted by Sri Chandu Valluri, Associate Professor of Marketing at MSU Mankato, Entrepreneur, Consultant, and Researcher, the session covered sales call preparation, customer psychology, rapport building, objection handling, and closing strategies, offering valuable academic and industry insights.

Workshop on – Career and Workplace Readiness, December 21, 2024

The Department of Management and Commerce, Brindavan Campus, held the second Career and Workplace Readiness session on 21 Dec 2024 for III B.Com. (Hons.) students. Speakers included Sri Ashish Jindal, Strategy & Commercial Controller, United Breweries Ltd., and Sri Vishwas Chitlur, Assistant Vice President - Structured Finance, Moody's, shared insights on Chartered Accountancy and Chartered Financial Analyst careers,

covering auditing, financial planning, taxation, alternative investments, and the importance of continuous learning for professional growth.

Guest Lecture on – Strategic Mergers & Acquisitions: Navigating Tax, Structure, and Global Considerations, December 21, 2024

The Department of Management and Commerce, Brindavan Campus, hosted an In-person guest lecture on "Strategic Mergers & Acquisitions: Navigating Tax, Structure, and Global Considerations" on 21st December 2024. Sri Raghavendra Kuruvadi, Associate Director, Deals, PwC India, and Sri Punith Kumar, Director, International Taxes, Transfer Pricing, M&A Tax, shared insights on pre-deal planning, due diligence, market dynamics, cultural fit, operational synergies, and the crucial role of tax and regulatory structuring in successful M&A transactions.

Guest Lecture on – Risk Management in Banking, December 17, 2024

The Department of Management and Commerce, Brindavan Campus, organized an In-person guest lecture on "Risk Management in Banking" on 17th December 2024. Sri Vig Kannan, Tech Transformation Director, Grant Thornton Bharat LLP, addressed first-year MBA students, offering insights into the evolving role of technology in banking risk management and its impact on transforming traditional practices.

Workshop on – RIPE'S Campathon: Gamified Communication and Personality Development Training, December 13-14, 2024

The Department of Management & Commerce, organised a two-day workshop Business Communication Excellence titled RIPE's Campathon - Gamified Communication and Personality Development Training on 13-14 Dec 2024. Led by Dr. Vijay Anand Sriram V and Ms. Prabha Ekambaram, the programme enhanced MBA students' skills in branding, presentations, startup pitching, and corporate roleplays, while introducing frameworks like the 7 Cs and 5Ws+1H through creative tasks, outdoor activities, and expert mentoring.



Panel Discussion on The Critical Cog of Progress

Panel discussion on – The Critical Cog of Progress: Manufacturing, Innovation, and Entrepreneurship in India, December 14, 2024

The Department of Management and Commerce, Brindavan Campus, in collaboration with the SSSIHL Institution's Innovation Council, hosted a panel discussion on "The Critical Cog of Progress: Manufacturing, Innovation, and Entrepreneurship in India" on 14 Dec 2024. Industry leaders Sri P. S. Rao (Rane Group), Sri L. Krishnan (Taegutec India), Sri Yathiraj Kasal (Wipro 3D), and Sri Sachin K. Jayadevaiah (Aspire Business Solutions) shared in-



sights on manufacturing's economic role, advanced technologies, innovation, and entrepreneurial opportunities, inspiring students to contribute to India's growth.

Workshop on – Career and Workplace Readiness, December 14, 2024

The Department of Management and Commerce, Brindavan Campus, conducted a career counselling workshop on Career and Workplace Readiness on 14 December 2024 for VI Semester B.Com. (Hons.) students. Industry experts Sri Sreejith Nair, Assistant Director - Brand Marketing Communications, Ernst & Young, and Sri K. Satish Narayan, former Investment Banker and Entrepreneur (2BX, Cuedo), shared insights on marketing careers, investment banking, entrepreneurship, networking, and essential professional skills for workplace success.

Business Simulation Game – Compathon, December 10 - 11, 2024

The Department of Management and Commerce, Brindavan Campus, hosted "Compathon" on 10th-11th December 2024 for 1st & 2nd Year MBA students. Led by Dr. V. Vijay Anand Sriram, a noted trainer in communication and personality development, the two-day business simulation featured team-based business communication challenges and emotional intelligence training through role-plays, fostering impactful communication skills and workplace effectiveness.

Faculty Development Programme on – Four-in-One Analytics Stack of Power BI, Tableau, Excel, and Shiny (R), November 1 - 20, 2024

Dr. L. Goverthanam and Dr. S. Subramanian from the Department of Management & Commerce (DMC) conducted a Faculty Development Programme (FDP) titled "Four-in-One Analytics Stack of Power BI, Tableau, Excel, and Shiny (R)", held from November 1 - 20, 2024 for faculty members across India. Participants included faculty from 13 universities, 6 business schools, and IIT Ropar.

Marketing and Bridging the Gap to Industry, October 22, 2024

On 22nd October 2024, an online lecture, "Marketing and Bridging the Gap to Industry," was delivered by Sri Sai Venkataraman, Vice President - Sales, FMCG Business Functional Head at Cav-inKare, and coordinated by Ms. C. Priyanka, Department Placement Coordinator. The session bridged academics and industry by stressing practical knowledge, adaptability, and customer focus, with a product development activity that honed students' market research, consumer behavior, and problem-solving skills.

Elevating Student Readiness: CV Review and Mock Interview, October 12, 2024

On 12th October 2024, an online training session, "Elevating Student Readiness: CV Review and Mock Interview," was facilitated by Ms. Sarangi Murugesan, Senior Consultant at Deloitte and alumna of SSSIHL, and coordinated by Ms. C. Priyanka, Department Placement Coordinator. Targeting second-year MBA students, it offered CV refinement, simulated interviews, and personalized feedback from industry experts, enhancing communication, problem-solving, and career readiness while fostering alumni-student engagement.

Pre-Placement Talk on – Credit Access Life Insurance, October 10, 2024

On 10th October 2024, an online lecture, "Credit Access Life Insurance - Pre-Placement Talk," was delivered by Sri Diwakar Ram

Boddupalli, CEO of Credit Access Life Insurance, and coordinated by Ms. C. Priyanka, Department Placement Coordinator. The session offered insights into the company's operations, culture, and microinsurance's role in financial inclusion, guiding students on sector-specific skills and inspiring them to explore impactful careers in insurance.



Women in Leadership - Breaking the Glass Ceiling Indian Style

Seminar on Women in Leadership - Breaking the Glass Ceiling Indian Style, September 20, 2024

On 20 September 2024, the Department of Management and Commerce, hosted a seminar on "Women in Leadership: Breaking the Glass Ceiling - Indian Style" at the Multimedia Centre, Anantapur Campus. Distinguished women leaders from diverse sectors shared insights on overcoming challenges and redefining leadership in India. Eminent speakers included: Ms. Subhasri Sriram, Managing Director and CEO at Shriram Capital Pvt. Ltd., Chennai; Ms. Rajashree Natarajan, Champion for the FLN program under Sri Sathya Sai Vidya Vahini and former CEO of Cognizant Foundation; Ms. Rajeshwari Natarajan, Managing Director at Deloitte India; Ms. Phani Keerthi Y, Global Mobilization Manager at Accenture; Ms. Sai Geetha, Senior Director of Engineering specializing in Enterprise Data & Analytics; Ms. Tarini Iyengar, Enterprise Architect with Unisys, Bengaluru; and Ms. Shraddha S. Jaitly, a Chartered Accountant with BPCL's Kochi Refinery, inspiring students and faculty through engaging discussions and real-world experiences.

Skill Enhancement Sessions, September 14, 2024

On 14 September 2024, the Department of Management & Commerce organised a series of in-person skill enhancement sessions coordinated by Ms. C. Priyanka, featuring Ms. Srilekha Vedula (Philips) on advanced Excel tools for data analysis and financial modelling, Ms. Sarangi Murugesan (Deloitte & a SSSIHL alumna) on creating impactful presentations, and Ms. Poonitha Pokuri on case study analysis using business frameworks, collectively equipping students with practical skills in analytics, communication, and problem-solving.

Catalyst Program: Placement Training Session, September 8, 2024

On 8th September 2024, the Catalyst (Women) Team-SSSIHL alumnae Ms. Sarangi Murugesan (Deloitte), Ms. Srilekha Vedula (Philips), Ms. Matangi (JPMorgan Chase & Co.), and Ms. Shrutti Shankaran (Bristol Myers Squibb) – conducted Placement Training Session - I, coordinated by Ms. C. Priyanka. The In-person session featured hands-on training in advanced spreadsheet tools, elevator pitches, and a one-slide presentation challenge, enhancing students' creativity, time management, analytical skills, and corporate preparedness.

Ad Campaign Competition by Commerce Club, August 28, 2024

The Commerce Club, Department of Management and Commerce, hosted an Ad Campaign Competition on 28th August 2024 for 230 students. Each class delivered creative 5-minute performances promoting assigned products, judged on engagement, originality, and delivery. With topics allocated in advance, club members handled timekeeping, props, and judge coordination, giving participants practical exposure to advertising concepts, event management, teamwork, and time-bound execution, while generating enthusiastic participation and a positive audience response.

Ice-Breaking with Catalyst Team, August 24, 2024

On 24th August 2024, an online session Ice-Breaking with Catalyst Team was coordinated by Ms. C. Priyanka, Department Placement Coordinator. Alumnae Ms. Sarangi Murugesan (Deloitte), Ms. Srilekha Vedula (Philips), Ms. Shruti Shankaran (Bristol Myers Squibb), and Ms. Kritika Kashyap engaged with students to assess placement readiness, gather training needs, and plan customised support through mock interviews, aptitude practice, Excel training, and case study discussions.

Celebrating Legacy: 39th MBA Day at Brindavan, August 21, 2024

On 21 August 2024, the Department of Management and Commerce, celebrated the 39th MBA Day with insightful discussions, nostalgia, and alumni-student interactions at the Brindavan Campus. The event featured distinguished guest Sri Alok Ohrie, President & MD, Dell Technologies India, who shared lessons on leadership and values. Sri R. J. Rathnakar, Managing Trustee, SSSCT, delivered an inspiring address, while alumni Sri Pushkaraj Gumaste and Sri V. V. Eashwar Prasad reflected on SSSIHL's impact on their careers. The day beautifully blended learning, gratitude, and reconnecting with the institute's ethos.

Unorganized: The Legacy of Local Stores by Commerce Club, August 14, 2024

The Commerce Club, Department of Management and Commerce, held a panel discussion, "Unorganized: The Legacy of Local Stores", on 14th August 2024 for 230 students. Student panelists from kirana shop and small business families shared experiences on community service, digital payment adoption, competition, and preserving traditional values. The session offered rich insights into the unorganized retail sector's past, present, and future, fostering entrepreneurial thinking among participants.



C-Suite Insights on Enterprise Risk Management

C-Suite Insights on Enterprise Risk Management, August 9, 2024

The Department of Management and Commerce, Brindavan Campus, hosted "C-Suite Insights on Enterprise Risk Management" on August 9, 2024, featuring CA. Sathya Pramod, Sri Sunil Shenoy, CA. Hema Nevetia, CA. Srivathsa N D, CA. V Srinivasa Raghavan, and CA. Sandhya Sriram. The program covered ERM fundamentals, expert perspectives, panel discussions, and business case analyses by student teams from Brindavan and Anantapur campuses, offering valuable insights into risk management strategies and practices.

Invest in Experience and Exposure in Initial Days, August 7, 2024

On 7th August 2024, the Department of Management & Commerce, Anantapur campus, hosted an In-person lecture Invest in Experience and Exposure in Initial Days by Sri V. Nagaraja Rao, Visiting Faculty, SSSIHL. The session urged students to prioritise early career experience, exposure, and continuous learning over short-term gains, highlighting the importance of internships, networking, mentorship, and skill development for sustainable growth and long-term success.

Placement Readiness and Career Preparation Initiatives, July-November 2024

During July-November 2024, the Department of Management & Commerce, organized a series of sessions to enhance students' career readiness and placement preparedness. Led primarily by Ms. C. Priyanka, Department Placement Coordinator, and supported by faculty and senior students, the initiatives covered placement policies, aptitude and soft skills, internship report and presentation guidelines, and role-specific career insights. Interactive workshops, orientations, and mentoring engagements equipped students with essential professional, analytical, and communication skills, fostering confidence and alignment with institutional and industry expectations.

Treasure Hunt by Commerce Club, July 31, 2024

The Commerce Club, Department of Management and Commerce, organized a treasure hunt on 31st July 2024 for 230 students. Participants, divided into groups, solved subject-related clues within time limits to find hidden treasure. The event tested knowledge, teamwork, and problem-solving skills, making learning engaging and fun, with winning teams earning cheers and prizes.

Catalyst Program: Building Resilience for Interviews and Beyond, July 28, 2024

On 28th July 2024, under the Catalyst Program, Ms. C. Priyanka, Department Placement Coordinator, organised an In-person session Building Resilience for Interviews and Beyond. Led by alumna Ms. Tulasi Sharma, Analyst at Yajur Knowledge Solutions, Mumbai, the session included mock interviews, Excel training, aptitude practice, and case studies. It equipped students with resilience, composure, and strategic thinking to face interviews and workplace challenges confidently.

Launchpad-to-Success – MBA Fresher's Orientation, July 3 - 6, 2024

The Department of Management & Commerce conducted the 'Launchpad-to-Success', a four-day induction program for first-year MBA students from July 3 - 6, 2024, at the Brindavan Campus. The program featured talks from industry experts and a financial accountancy bridge course for non-commerce stu-

dents. Highlights included insights on effective communication, continuous learning, essential corporate skills, digital commerce trends, staying informed and being relevant, the future of work, and developing core competencies.

Faculty Achievements

Awards and Recognitions

- Sri Rajeev Rajan won the “Best paper Award” for his paper titled “Effect of ESG Performance on Portfolio Performance – Evidence from Portfolios of NIFTY-indexed stocks in India”, presented at the National Conference on Embracing Change & Transformation: Breakthrough Innovation & Creativity in Business and Management, organised by Sanskrithi School of Business, Puttaparthi, (December 14, 2025).
- Sri L.K. Prasad Rayaprolu won the “Second-Best Paper” for his paper titled “Strategies for Rural Development: An analysis from Macro to Micro perspectives of agriculture and non-agriculture-based approaches” presented at the National Conference on Embracing Change & transformation: Breakthrough Innovation & Creativity in Business and Management by Sanskrithi School of Business, Puttaparthi, (December 14, 2025)

Academic Honours and Invitations

- Dr. N. Jayaprada was invited as technical session Chairperson for the two-day National Conference on “Business Education in digital era: Emerging Issues and Challenges ahead” organized by the Department of Commerce and Management Studies, Sri Venkateswara Degree and PG college, Anantapur (April 11 - 12, 2025).
- Dr. K. Sayee Manohar was invited as the Chief Guest for the Graduation Day Ceremony of Vidyaa Vikas College of Engineering and Technology at VVCET – Thiruchengode, Tamil Nadu, (April 6, 2025).
- Dr. N. Jayaprada delivered a talk on Role of Rural Female entrepreneurs, on the occasion of International Women's Day in RUDSETI, Anantapur (January 28, 2025).
- Prof. N. Sivakumar was invited as Session Chair and Keynote Speaker at the National Conference on “Embracing Change & Transformation: Breakthrough Innovation & Creativity in Business and Management”, organised by Sanskrithi Business School, Puttaparthi. (December 13 - 14, 2024).
- Dr. Akanksha Aggarwal was invited as the Technical Session Chair at the National Conference on Embracing Change & transformation: Breakthrough Innovation & Creativity in Business and Management by Sanskrithi School of Business, Puttaparthi, (December 14, 2024)
- Dr. Swetha Thiruchanuru, was the invited expert speaker for the One-Week FDP and workshop on the topic “Integrating Interdisciplinary Research for Innovation and Sustainable Development” jointly organized by Karunya School of Management, Coimbatore and CMAOI Association (August 19 - 23, 2024).

Membership of Academic Bodies

- Dr. N. Jayaprada was nominated and served as a Subject Expert on the Board of Studies - BBA at Government Arts College, Anantapur (August 21, 2024).
- Dr. K. Sayee Manohar was appointed as one of the BBA Board of Studies members in the Faculty of Management, SRM Institute of Science and Technology, Kattankulathur, Chennai, Tamil Nadu. (2024 onwards)

Industry Connect:

- III B.Com.(Hon.), Brindavan campus, April 10, 2025, Organizations visited: Flipkart Fulfilment Centre, Venkatapura, Karnataka.
- III B.B.A., Brindavan campus, April 10, 2025, Organizations visited: Flipkart Non-Large Shipment Fulfilment Centre, Venkatapura, Karnataka.
- III B.Com.(Hon.), Brindavan campus, April 3, 2025, Organizations visited: Tractors and Farm Equipment Ltd. (TAFE), Doddaballapura, Karnataka.
- III B.B.A., Brindavan campus, March 19, 2025, Organizations visited: Posspole Startup Ecosystem, Bengaluru, Karnataka

Student Achievements

- Ms. U. Dhanusri secured 1st place, and Ms. Samyuktha Subhash ranked among the top 5 at the Viksit Bharat Youth Parliament Competition, Anantapur District and at State Level Samyuktha achieved a top 10 position (March 22 & 28, 2025).
- Sri Sai Tarun, MBA student, and Dr. Saivinod M.S., received the ‘Best Paper Award’ for their paper titled “A Systematic Literature Review of Greenwashing and Ethical Considerations in India” at the International Conference on Innovative Horizons Uniting Management, Accounting, Sustainability and Technology (IHUMAST), hosted by the Department of Management, St. Joseph's University, Bengaluru (March 21–22, 2025).



Ms. Chethna & Ms. Ramya – 1st Runner's up at Finacle

- Ms. G. Chethana and Ms. B. Ramya, secured “National Finalist” (Top 10) position in the Launcher Marketing Event conducted by IIT Madras (January 4, 2025).
- Ms. G. Chethana and Ms. B. Ramya, won the “1st Runner-Up” position and vouchers worth ₹9,000 in HR Odyssey at Krea University, Sri City (February 21, 2025).
- Ms. Sai Venkat Shrivani and Ms. Sai Harini R, secured the “2nd Prize” with a cash award of ₹5000 in the HR Event named Manav Prasth held at Thiagarajar School of Management, Madurai (February 20 - 21, 2025).
- Ms. G. Sri Vasudha, Ms. P. Durga Harika, and Ms. Alekhya M., secured the “2nd Prize” with a cash award of ₹3000 in the HR Event named ‘Manav Prasth’ held at Thiagarajar School of Management, Madurai (February 20 - 21, 2025).
- Ms. G. Chethana and Ms. B. Ramya, won the “2nd Prize” and goodies worth ₹25,000, in Markopolis at Narsee Monjee Institute of Management Studies, Bengaluru (February 17, 2025).
- Ms. G. Chethana and Ms. B. Ramya, won the “1st Runner-Up” position and a cash prize of ₹10,000 at Finacle by Great Lakes Institute of Management, Chennai (February 16, 2025).
- Sri Suryaprakash Bharaadwaj was a selected orator at the finals of the 14th Bharatiya Chhatra Sansad, MIT–World Peace University, Pune (February 8 - 10, 2025).



IIT B E-summit 2025

- Sri Sairraj Darnal, Sri Karan Patel, and Sri Koganti Pradyumna were members of the winning team of Bid & Build at E-Summit '25 at IIT Bombay (February 1 - 2, 2025)
- Sri Saish Hebbar, Sri Sai Nikhil Kalluri, Sri Pulkit Khare and Sri R.S.V.D. Sriram were the "Winners" in Samvaadha 1.0: Big Debate Competition organized by NHRD Bangalore Chapter at the BNM Institute of Technology, Bengaluru (January 29, 2025).



NHRD-Winners and runners-up in Samvaadha

- Sri Nischal Thapa, and Sri Gurucharan G, secured the "Runners-up" in Samvaadha 1.0: Big Debate Competition organized by NHRD Bangalore Chapter at BNM Institute of Technology, Bengaluru (January 29, 2025).
- Ms. G. Chethana and Ms. B. Ramya, won the "1st Runner-Up" position in the Prastuti Case Study Competition organized by Manav Rachna International Institute of Research & Studies in collaboration with the PRISM Foundation along with a cash prize of ₹75,000 (October 24, 2024).

Research Areas

Sustainability and Development Research

This research focuses on broad themes related to sustainable development, exploring interdisciplinary approaches that support balanced growth, informed decision-making, and long-term societal well-being. The work seeks to understand and address complex challenges through integrative thinking, policy-relevant insights, and context-aware strategies. It contributes to academic discourse and aims to inform practical actions that align with broader development goals.

Financial Inclusion

Financial Inclusion for rural agrarian households can act as a catalyst for financial and economic well-being. Financial Inclusion leads to income stability. It enables the poor farmers to overcome economic shocks on account of lack of stable income. Access to formal finance can also help the poor to save better and invest in productive assets. The research work seeks to gain insights into the relationship between Financial Inclusion and financial and economic stability among the rural agrarian households.

Sustainable Consumer Behaviour

With advances in technology and the rising awareness of climate change, consumers are now shifting their purchase preferences. This research contributes to changes in consumer behaviour in areas like ChatGPT adoption, Electric Vehicles adoption, Sustainable Consumption, Luxury Consumption, Fashion Consumption, Consumption of Plant Based Meat, Sustainable Cosmetics, Return Intention of electronic gadgets during disposal, etc.

Advancing Sustainability through Solar Energy

Focusing on solar energy's role in sustainability, this research evaluates decentralized solar solutions for social and charitable institutions. It highlights benefits such as carbon emission reduction, cost savings, and enhanced energy access in underserved areas. The study explores technological, policy, and operational challenges, aiming to develop scalable, cost-effective solar models that integrate sustainability into institutional practices while delivering environmental, economic, and social impacts.

A Stakeholder Analysis of Sustainable Community-Based Rural Tourism Development

This study investigates rural tourism development through a stakeholder lens, analysing the perspectives, power dynamics, and collaboration potential of local communities, governments, businesses, and NGOs. Using interviews and observations, it identifies capacity-building needs to foster sustainable tourism practices. The research aims to empower rural communities by facilitating effective stakeholder cooperation, ensuring tourism contributes to economic development while preserving cultural and environmental integrity.



Sciences

Biosciences

Academic Engagements

Workshop on – Transmission Electron Microscopy: Theory and Practical Training for Biological Applications, January 27 - 30, 2025

The Dept of Biosciences, organised a 4-day national conference on Transmission Electron Microscopy: Theory and Practical Training for Biological Applications. The workshop aimed to provide participants with a comprehensive understanding of TEM and cryo-electron microscopy (cryo-EM), combining theoretical sessions with hands-on training. It served as a valuable platform for researchers and academicians to engage with cutting-edge developments in biological imaging and learn from leading experts in the field. The experts included: Dr. Tofayel Ahmed, Associate Professor, Saha Institute of Nuclear Physics, Kolkata, Dr. Rahul Bhardwaj, Application Scientist, JOEL, India, Dr. Shyamal Moslaganti, Assistant Professor, University of Michigan, USA, Dr. Arvind Kumar Khandelwa, Senior Engineer, Field Applications, Thermo Fischer Scientific, and Dr. V. Sai Muthukumar, Assistant Professor, Department of Physics, SSSIHL, India.

Workshop on – Basics in Python, October 7 - 11, 2024

The Department of Biosciences, in collaboration with the Centre of Excellence in Actuarial Data Science, SSSIHL, conducted a Python Workshop - Level 1 from 7-11 October 2024. Designed to introduce Bioscience students to the fundamentals of coding, the workshop covered Python basics, functions, packages, NumPy, Matplotlib, Pandas, and control flow structures. With a blend of online instruction and in-person mentoring, students gained practical skills and a deeper understanding of computational thinking. The workshop inspired participants to explore interdisciplinary applications of computer science in biology, opening new avenues for research and innovation in biosciences.



Dr. K Gopinath Memorial Lecture 2024



International Microorganisms Day 2024

International Microorganisms Day 2024 and Dr. K. Gopinath Memorial Lecture, September 16 - 17, 2024

The Department of Biosciences, in collaboration with the Institution's Innovation Council, celebrated International Microorganisms Day on 16-17 September 2024 at Prasanthi Nilayam. The event featured a hands-on workshop on microbial handling, biosafety, and microbial art. The Dr. K. Gopinatha Rao Memorial Lecture by Prof. V. Nagaraja (IISc) on drug-resistant tuberculosis was on Day 2, followed by a talk on the human microbiome by Prof. D. Narasimha Rao (IISc). An exhibition titled "Into the Microbial World" showcased live cultures, 3D models, and student projects. Students from Sri Sathya Sai Educational institutions, schools and SSSIHMS actively participated, gaining valuable practical experience.

Colloquium: Talk by Prof. Ravishankar Gokare, August 31, 2024

The Department of Biosciences invited Prof. Ravishankar to deliver a talk on "Algal Biotechnologies and Their Industrial Applications" during the colloquium hour on 31st August 2024. The session provided valuable insights into various types of algae, their culture methods, and the production of single-cell proteins from algae. The talk was engaging and student-friendly, sparking curiosity and prompting several thought-provoking questions from the audience, reflecting their keen interest in the topic.

Faculty Achievements

Awards and Recognitions

- Ms. B. Anusha was awarded "Second Runner-up for Best Young Scientist Oral Presentation" on the topic "Neuroprotective Effects of Withaferin A as a GSK3b inhibitor in Huntington Disease" at the International Conference on Central Nervous System Disorders from Mechanisms to Medicine (ICCNS-2M-2025) organised by NIPER Ahmadabad, Gujarat (February 17 - 19, 2025).

- Dr. B.E. Pradeep's AMRx technology, transferred to SCIINV Biosciences Pvt. Ltd., received the "HYSEA 10X Startup Award 2025" from the Hyderabad Software Enterprises Association (HYSEA) (February 11, 2025).
- Dr. B.E. Pradeep's AMRx technology, transferred to SCIINV Biosciences Pvt. Ltd., received the "BW – Business world HealthCare Excellence Award 2025" from Business World in New Delhi (February 8, 2025).
- Dr. B.E. Pradeep's AMRx technology, transferred to SCIINV Biosciences Pvt. Ltd., was recognized by Microsoft as "AI First Movers – From Promise to Proof" and featured it in the Microsoft Coffee Table Book 2025, (January 21, 2025).



AMRx Technology Receives the ET Healthcare Solution of the Year 2024

- Dr. B.E. Pradeep's AMRx technology, transferred to SCIINV Biosciences Pvt. Ltd., received the "ET – Healthcare Solution of the Year 2024" from Economic Times in New Delhi (September 27, 2024).

Academic Honours and Invitations

- Dr. P. Sujith Kumar was invited as a keynote speaker from the organizers of the national seminar on "Molecular Biotechnology and Lifesciences" organized by the Central University of Andhra Pradesh, Anantapur (April 16 - 17, 2025).



Prof. S. Venketesh at ICCNS-2M-2025

- Prof. S. Venketesh delivered a keynote address on "Genetic and Metabolic Factors as Modifiers of Huntington's Disease: Mechanisms, Potential Biomarkers, Therapeutic Targets and Agents" at the International Conference on Central Nervous System Disorders from Mechanisms to Medicine (ICCNS-2M-2025) organised by the Department of Pharmacology and Toxicology, NIPER – Ahmedabad (February 17 - 19, 2025).
- Ms. B. Anusha delivered a talk on "A Review on Botanicals in Combating Oxidative Stress-Induced Diseases" in the 5th International Conference on Recent Trends in Life Sciences and Biotechnology organized by the Department

of Biosciences and Technology, M.M.E.C. Maharishi Markandeshwar (DU), Mullana, Ambala, Haryana (December 12 - 14, 2024).

- Dr. B. E. Pradeep delivered a lecture on "Exploring Minocycline Heteroresistance mechanisms in clinically isolated Escherichia coli", IMMUNOCON - 51 Newer Beginnings in Immunological Munificence, organized by Indian Immunological Society and Indian Institute of Science, Bengaluru (October 17 - 20, 2024).
- Dr. B. E. Pradeep delivered a lecture on "AMRxTM: An AI-Driven prediction tool to support UTI Diagnosis and Antibiotic Resistance", at the Global South Conference on Infection Prevention, Control and Antimicrobial Stewardship (G-SPARC 2024) organised by Infection Control Academy of India, Hyderabad (October 3 - 5, 2024).

Research Scholar & Student Achievements

Awards and Recognitions

- Sri Arun Sai was awarded "first prize for oral presentation" on the topic "Genomic Islands and Plasmid Encoded Antimicrobial Resistance Genes Drive the Evolution of High Risk ST-131 uropathogenic E.coli NS30" at a National conference titled "Antimicrobial Resistance: Strategies for Prevention and Alternatives" organized by Karnataka Science and Technology Academy, Bengaluru and (May 14 - 16, 2025).



Overall Champions at National Botany Fest-2025

- Ms. Apoorva Gurung and Ms. Gouri Nandana of I M.Sc. Biosciences, along with Ms. Krishtina Thapa Mangar, Ms. Tara Dutta Thatoi, Ms. Yerram Srinidhi, and Ms. Thudumula Jayalakshmi of final-year B.Sc. Biosciences, were part of the team representing Andhra Pradesh State, that emerged as "Overall Champions" at the National Botany Fest-2025, organized by the Valley of Flowers Society, SoUADTGA, and the Department of Botany, The Maharaja Sayajirao University of Baroda, at Ekta Nagar, Gujarat (January 19 - 22, 2025).
- Sri S.V.L. Sai Kushal Kumar was awarded the "Best Scientific Poster" for his poster presentation on "Detection of Stable Minocycline Heteroresistance in Escherichia coli: Implications for Treatment Failure" in G - SPARC, Shilpakala Vedika Hyderabad, India (October 3 - 5, 2024).

Academic Honours and Invitations

- Ms. Sake Archana, a student of 1st Year B.S. was chosen as one of the top 6 Speakers and honoured for her remarkable speech at the 14th Bharatiya Chhatra Sansad held at MIT-WPU, Pune (February 8 - 10, 2025).



- Sri Shakthi Thangavel S. K., Sri Sahashransu Satya jeet Mahapatra, and Dr. A. S. Vishwanathan from the Wastewater Analysis Treatment and Energy Recovery (WATER) Lab, Department of Biosciences, had their short video titled “Our DREAM - Measuring Bacterial Electron Transfer” featured in the Science in Shorts video library on the Nature Portfolio YouTube channel, was shortlisted among 82 entries in the prestigious 2024 Science in Shorts competition hosted by Springer Nature (July 2024).

Research Areas

Antimicrobial Resistance (AMR) Lab

The AMR Laboratory focuses on uncovering antimicrobial resistance (AMR) mechanisms in bacteria and translating these insights into rapid diagnostic solutions. Leveraging AI, machine learning, and genomics, the team developed AMRx®, an award-winning, culture-free diagnostic tool for urinary tract infections. AMRx® has received recognition from ET Healthcare, BW Healthcare, Microsoft, and HYSEA, and has been licensed to SCIINV Biosciences Pvt. Ltd.

Endophytic Fungi-Derived Bioactive Metabolites for Therapeutic Applications

This study explores endophytic fungi from *Bauhinia purpurea* and *Swietenia macrophylla* for antidiabetic potential. Extracts of *Nigrospora sphaerica* and *Alternaria alternata* showed strong antioxidant and α -glucosidase inhibitory activity, outperforming acarbose. UHPLC–MS identified phenolic compounds and butenolide structures as key inhibitors. Network pharmacology linked these metabolites to islet failure pathways, revealing multi-targeted effects. Current research focuses on glucose uptake, insulin secretion, and AGE inhibition, highlighting the promise of fungal metabolites in developing novel antidiabetic therapeutics.

Disease Biology Lab

The Disease Biology Lab studies metabolic and genetic alterations in neurodegenerative and bone disorders. In AVNFH, it identified disrupted homocysteine and iron metabolism as drivers of impaired osteogenesis. In ALS, multi-omic analysis linked pantothenate/CoA biosynthesis and acetyl-CoA to protein aggregation. In Huntington's Disease, cross-species studies revealed SNPs affecting mHTT aggregation. These insights provide potential biomarkers and therapeutic targets for progressive, incurable diseases.

Wastewater Analysis, Treatment, and Energy Recovery (WATER) Lab

The WATER Lab focuses on converting wastewater into a sustainable resource through cost-effective technologies for reuse and renewable energy generation. Central to its work are microbial fuel cells (MFCs), which use bacterial metabolism to treat wastewater while producing electricity. By studying bacterial electron transfer mechanisms, the lab seeks to boost MFC performance and harness wastewater as a viable clean energy source.

Protein Structure and Function Lab

The Protein Structure and Function Lab studies protein dynamics using in vitro and in silico approaches, with emphasis on moonlighting functions of oxygen carriers like hemocyanins. These proteins are applied in enzyme-based biosensors, while Computer-Aided Drug Design (CADD) supports therapeutic discovery through virtual screening, drug repurposing, and molecular simulations, targeting proteins in infectious and non-infectious diseases.

Chemistry

Academic Engagements

Workshop on – IPR awareness and Career Counselling, February 21 - 22, 2025

The Department of Chemistry, conducted a Workshop on IPR Awareness and Career Counselling (21-22 February 2025) for students and research scholars from both campuses. Sessions highlighted the significance of IPR in academia and industry, career prospects in the IPR domain, and curriculum integration. Industry delegates shared insights on employability skills, while a panel discussion addressed real-world expectations from apprentices and jobseekers, equipping participants with practical career guidance.



International Symposium on – Chemistry for a Sustainable Future

International Symposium on – Chemistry for a Sustainable Future: Bridging Science and Society, December 13 - 14, 2024

The Department of Chemistry, hosted the International Symposium on Chemistry for a Sustainable Future: Bridging Science and Society (13-14 December 2024), featuring experts from academia and industry. Talks by eminent scientists explored green synthesis, sustainability frameworks, plastic waste valorization, environmental chemistry, industrial strategies, solar energy, and AI in research. Highlights included departmental research presentations, live student demonstrations, and poster sessions, fostering collaboration and innovation in sustainable chemistry.

Faculty Achievements

Academic Honours and Invitations

- Dr. V. Prathyusha visited Japan Advanced Institute of Science and Technology (JAIST), Japan under “SAKURA Science Exchange Program” (November 29 - December 8, 2024).
- Dr. B. Praphulla Chandra's paper, “Determination of Mass Concentrations of Airborne PET Microplastics using Liquid Chromatography Coupled to Tandem Mass Spectrometry (LC-MS/MS),” received cover page recognition in the journal *Environmental Science: Atmosphere* (November 8, 2024).
- Dr. V. N. Ravi Kishore Vutukuri was awarded a full travel grant to present his invited poster titled “Deciphering PVC Polymer-Plasticizer Interactions Utilizing Potential of Mean Force Calculations - An Atomistic MD Simulation Study” at the Physical Chemistry Symposium (SoPhyC-2024) held at IIT Bombay (October 22 - 25, 2024).
- Dr. Naga Sai Visweswar K., was invited for the INUP Users Meet organised by INUP Users' Meet, organized by the Indian Nanoelectronics Users' Programme – Idea to Innovation

(INUP-i2i) in association with MeitY (GoI) at IIT – Bombay with travel and accommodation support awarded from IIT Bombay (August 10, 2024)

Research Scholar & Student Achievements

Academic Honours and Invitations

- Sri Sai Athmeeya G. Shet and Sri Anil Ram received a fellowship under the framework of Sakura Exchange Program to visit Japan Advanced Institute of Science and Technology (JAIST) (November 29 - December 08, 2024).
- Sri Sai Athmeeya G. Shet, under the guidance of Dr. V. N. Ravi Kishore Vutukuri was awarded a full travel grant to present his invited poster titled “Design of Polymer Nanocomposites Involving Polymers, Ceria and Plasticizers for Biomedical Applications: A Molecular Dynamic Simulation Study” at the Physical Chemistry Symposium, SoPhyC-2024, held at IIT Bombay (October 22 - 25, 2024).
- Sri Mainak Mukherjee under the guidance of Dr. V. N. Ravi Kishore Vutukuri was awarded a full travel grant to present his invited poster titled “Tuning Singlet-Triplet Energy Gap in Donor-Spacer-Acceptor based TADF Emitters - A DFT Study” at the Physical Chemistry Symposium, SoPhyC-2024, held at IIT Bombay (October 22 - 25, 2024).
- Sri Akash Sai S. M. from II M.Sc. (Chemistry) received a “Certificate of Appreciation” at the “Online International Symposium on Current Trends in Advanced Materials 2024,” organized by the Department of Chemistry, VIT-AP University’s School of Advanced Sciences, in collaboration with the American Chemical Society (August 26 - 31, 2024).

Industry Connect



Industry Connect: Visit to Tata Institute of Fundamental Research (TIFR)

- II-PG and III-UG, Prasanthi Nilayam Campus, August 21, 2025, Organisations visited: Tata Institute of Fundamental Research (TIFR), and Dr. Reddy’s Institute of Life Sciences (DRILS), Hyderabad
- II-PG and III-UG, Prasanthi Nilayam Campus, August 22, 2025, Organisations visited: International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI), and T-Works Telangana, Hyderabad



Industry Connect: Visit to Aragen Life Sciences, Hyderabad

- II-PG and III-UG, Prasanthi Nilayam Campus, August 23, 2025, Organisations visited: CSIR – Indian Institute of Chemical Technology (IICT), and Aragen Life Sciences, Hyderabad

Research Areas

Combite Research

Bone tissue engineering (BTE) aims to develop materials that support bone regeneration and ensure effective osseointegration with surrounding tissues. Every year, a large number of bone grafts are required to treat bone defects, yet the translation of biomaterials from research to clinical application remains a challenge. Many existing orthopedic biomaterials show limited long-term performance due to their inadequate self-repair capacity, poor adaptation to physiological conditions, and insufficient tissue attachment and growth. Our research focuses on developing combite-based ceramic materials that closely mimic the structure and properties of human bone, offering promising potential for improved clinical outcomes.

Plasmonics Sensors for Clinical Diagnostics and Environmental Monitoring

The research focuses on developing affordable SPCE and PCCE-based plasmonic sensors with novel substrate-engineered configurations for biomarker detection and environmental monitoring. These platforms achieve ~50% collection efficiency –far higher than conventional fluorescence methods – by coupling fluorophores with surface plasmons on thin metal films. The work involves custom nanomaterial development and nano-architecture fabrication for point-of-care, multi-disease screening technologies, targeting conditions such as myocardial infarction, dengue, and mental health disorders, with applications in resource-limited settings.

Natural Products and Synthetic Compounds as Therapeutic Agents

Research focuses on designing and developing compounds with anti-cancer, anti-inflammatory, antiplasmodial, and antibacterial potential, using natural product scaffolds, semi-synthetic derivatives, and synthetic compounds. Medicinal plant extracts from *Andrographis paniculata*, *Phlogacanthus thyrsoiflorus*, and *Terminalia arjuna* were explored, with derivatives like andrographolide and arjunolic acid showing ROS-mediated apoptosis and G0-G1 cell cycle arrest. Preliminary in-vivo studies indicated reduced tumor growth. Synthetic scaffolds including spirobenzopyrans, benzopyrylium salts, and chalcones demonstrated promising biological and nonlinear optical properties, warranting further investigation.



Defect-Engineered Perovskites and Nitrogen-Doped Carbons for Supercapacitors

Research explores oxygen non-stoichiometry in perovskite oxides and Ruddlesden-Popper phases, where oxygen vacancies enhance energy storage and oxygen interstitials improve electrocatalysis. Selected perovskites, their analogues, and carbonaceous composites demonstrated promising dual functionalities. Additionally, biomass-derived nitrogen self-doped activated carbons (NDCs) integrate nitrogen uniformly, creating pyrrolic-N, pyridinic-N, and graphitic-N defects that boost electronic conductivity and structural activity, enabling superior performance in both energy storage and electrocatalytic applications.

Advanced Nanomaterials and Biomaterials for Remediation, Drug Delivery, and Sensing

This research develops carbon-based, metal oxide, and hybrid nanocomposites for targeted pollutant removal, offering stability in aquatic systems and long-term degradation of toxins like heavy metals and pesticides. Biodegradable, trackable nanoparticles enable site-specific drug delivery with real-time monitoring. Low-cost sensing platforms using nanomaterials, aptamers, and antibodies detect toxins in soil, air, and water. Studies also explore tunable fluorescent nanomaterials for bioimaging, anti-counterfeiting, and health risk assessment, integrating environmental protection and biomedical innovation.

Eco-Friendly Functional Materials for Water Desalination, Hydrogen Storage, and Energy Applications

Research focuses on sustainable polymers for low-cost, non-toxic adsorption desalination, advancing clean water access. In hydrogen energy, natural amino acids, functionalized ionic liquids, and ionic liquid-modified graphene are explored to boost storage efficiency. Computational tools aid in designing eco-friendly binders for enhanced nanomaterial performance in next-gen batteries. These innovations support multiple UN SDGs, driving green technologies for clean water, renewable energy, and sustainable resource use.

Design and Development of Novel Polymer-Plasticizer Systems for Safer Blood Storage Applications

To address the toxicity of DEHP in PVC blood bags, researchers are developing safer polymer-plasticizer systems using multi-scale molecular dynamics simulations. Potential of Mean Force (PMF) calculations rank plasticizers by binding affinity, guiding the design of high-performance, non-toxic alternatives. A theoretical model links structural features to interaction strength, while atomistic and coarse-grained MD studies explore polymer behavior across scales-paving the way for next-generation materials for safe medical applications (SDG 3).

Design of Donor-Spacer-Acceptor Molecules with Low Singlet-Triplet Energy Gap for Potential Applications in TADF-OLEDs using DFT Calculations

Donor-spacer-acceptor small-molecule TADF emitters were designed using DFT and TD-DFT calculations to achieve low singlet-triplet energy gaps for efficient OLED applications (SDG 7). Various spacers (CO, PO, SO) and their derivatives were optimized and screened, with CO-based emitters showing the lowest gaps in solvents. Future work includes studying radiative/non-radiative processes, synthesis, and characterization, along with ultrafast spectroscopy to validate performance.

Design and Synthesis of Novel Prodrugs for Cost Reduction and Improved Efficacy

This study develops novel NSAID prodrugs by conjugating them with bioactive moieties to reduce side effects like gastric irritation while enhancing therapeutic efficacy. The compounds showed improved stability in gastric pH, reduced ulcerogenicity, and superior analgesic and anti-inflammatory activity in vivo. Spectroscopic and docking studies confirmed their structure and relevance, while toxicity tests indicated safety. These findings position the prodrugs as promising candidates for safer NSAID therapy, with future work focusing on QSAR modeling, lead optimization, and extending the approach to other NSAIDs.

Drug Repurposing – An Alternative Route Towards Sustainable Drug Development

This project explores drug repurposing as a faster, cost-effective alternative to traditional drug discovery, focusing on diseases such as cancer, HIV, and dengue. Using in silico docking tools, several existing drugs showed promising interactions with new biological targets, leveraging known safety profiles to speed clinical translation. Future plans include molecular dynamics simulations, in vitro validation, and pipeline expansion, supporting affordable, accessible healthcare, especially in resource-limited settings.

Engineering Hierarchically Porous Inorganic Nanosponges with Tunable Surface Functionalities for Multi-Pollutant Remediation

The study focuses on developing inorganic nanosponges with engineered hierarchical porosity-integrating micro-, meso-, and macropores – and tunable surface functionalities to simultaneously remove diverse pollutants from water and air. By targeting multiple contaminants at once, this approach addresses the complex realities of environmental pollution, offering a versatile and efficient solution for sustainable remediation.

Bio-Inspired Metal Complex-Nanomaterial Hybrids for Active Targeting and Controlled Release in Precision Medicine

The project developed hybrid nanomaterials by integrating therapeutic or diagnostic metal complexes with bio-inspired nanocarriers. The design enables active targeting, disease-specific stimuli-responsive drug release, and enhanced biocompatibility. Such systems aim to improve treatment precision, minimize side effects, and advance next-generation drug delivery in precision medicine.

Dynamic and Self-Reporting Nanomaterial-Based Sensors for Real-Time, In Situ Quantification of Toxic Metal Ion Mixtures in Complex Matrices

This project develops functionalized nanomaterials with dynamic, self-reporting capabilities for real-time, in situ quantification of multiple toxic metal ions in complex environmental and biological matrices. Designed for high selectivity and sensitivity, these sensors address the limitations of traditional single-analyte detection, enabling simultaneous monitoring of metal ion mixtures under realistic conditions.

Eco-Friendly and Cost-Effective PVA-Based Adsorbents for Multi-Contaminant Water Purification

The study explores cost-effective, pH-independent polyvinyl alcohol (PVA)-based hydrogel beads for sustainable water purification, targeting SDG 3 and SDG 6. The mesoporous PVA-metal ion composites simultaneously remove arsenate, chromate, and

fluoride from groundwater with rapid adsorption, high selectivity, and excellent reusability. Their stable performance across diverse pH conditions makes them ideal for decentralized, eco-friendly water treatment solutions, enhancing access to safe drinking water and promoting environmental sustainability.

Food and Nutritional Sciences

Academic Engagements

National Workshop on - Sustainable Food Systems 2.0, March 21 - 22, 2025



Ms. Ranjani Raman at the National Workshop on - Sustainable Food Systems 2.0

The Department of Food & Nutritional Sciences, organized the “National Workshop on Sustainable Food Systems 2.0” (21–22 March 2025) on “Design Thinking and Innovation in Sustainable Food Materials for Health Promotion and Safety.” Speakers included Dr. P. Khandelwal, Edupreneur and Founder of Fly High, Ms. Shyla Ravi, Senior Technical Manager, FSSAI, National Agro Foundation, R&D Center, Chennai, Sri Srinivas P., Founder & CEO of Musa Fibril, Sri Srinivasulu K., Senior Technical Officer, CSIR-CFTRI, Hyderabad, Ms. Ranjani Raman, Dietitian & Founder of Nutrition Tattva, who shared insights on sustainable product development, food material transformation, transparent labeling, ingredient sourcing, and product integrity.

Endowment Lecture Series - I in the field of Food Technology, March 21, 2025



Prof. R. Mahendran — at the Gauri Madhukar Tokekar Endowment Lecture Series - I

The Department of Food & Nutritional Sciences, hosted the “Gauri Madhukar Tokekar Endowment Lecture Series - I” on 21 March 2025. Prof. R. Mahendran, Head, Centre for Excellence in Non-Thermal Processing, NIFTEM-T, delivered the keynote on “Emerging Non-Thermal Food Processing Techniques,” highlighting innovations like cold plasma, pulsed electric fields, and

high-pressure processing, with a focus on enhancing microbial safety, reducing antinutrients, and improving nutrient and bioactive profiles.

International Workshop on - Recent Research Innovations in Gut Microbiome and Personalised Nutrition, January 25, 2025

The Department of Food and Nutritional Sciences, in collaboration with the Institute of Nutrigenomics, PSG College of Arts and Science, and BugSpeaks, hosted the “International Workshop on Recent Research Innovations in Gut Microbiome and Personalised Nutrition” on 25 January 2025. The online event featured global experts sharing cutting-edge research and practical insights, fostering interdisciplinary dialogue and enriching participants’ understanding of microbiome science and personalised nutrition for clinical and research applications.

Sustainability Week Celebrations 2024, December 14 & 16, 2024

The Department of Food and Nutritional Sciences celebrated “Sustainability Week” on 14 and 16 December 2024 with talks, discussions, and activities on sustainable living. Faculty and students shared insights on spiritual and scientific approaches to sustainability, zero hunger, and food waste management. IIC-DFNS students led a group discussion on “Sustainable Practices for a Better Tomorrow,” while activities like the Sustainability Check, Green Corridor, and Scribble Sustainably fostered awareness in an engaging way.



Ms. Stuti Pahuja & Dr. Geetanjali Bhide at Workshop on — Achieving Peak Performance

National Workshop on - Achieving Peak Performance: Evidence-Based Strategies in Sports Nutrition & Fitness, September 27, 2024

On 27 September 2024, the National Workshop on “Achieving Peak Performance: Evidence-Based Strategies in Sports Nutrition & Fitness” featured expert talks by Dr. Geetanjali Bhide (Sports & Fitness Nutritionist), Dr. Abhirami Sivaprasad (High Performance Analyst, SAI), Ms. Aswiny Mohandas (Performance Analyst, SAI), and Ms. Stuti Pahuja (Sports Nutrition Specialist, QNA Nutrition Clinics). Sessions covered athlete assessment, RED-S, gut health, and holistic wellness, alongside student poster presentations and displays on sports nutrition innovations.





Nutritional Assessment of Athletes

Pre-workshop Session on - Nutritional Assessment of Athletes: The ABCD Approach, September 25, 2024

On 25 September 2024, the Department of Food & Nutritional Sciences, in collaboration with the Assistant Director of Physical Education, Anantapur Campus, held a pre-workshop session on "Nutritional Assessment of Young Women Athletes: The ABCD Approach". Over 100 athletes, including 30 from SSSIHL and others from JNTU and KSN Government College for Women, participated in expert talks, hands-on assessments, fitness tests, and poster sessions on sports nutrition and performance enhancement.



Dr. Subba Rao Gavaravarapu –National Nutrition Week Celebrations

National Nutrition Week 2024, September 11, 2024

On 11 September 2024, the Department of Food & Nutritional Sciences, celebrated National Nutrition Week on the theme "Nutritious Diet for Everyone". Dr. Subba Rao Gavaravarapu (Scientist 'F' & Head, NICHE, NIN) delivered a talk on the Dietary Guidelines for Indians 2024. The event featured the launch of the Nutrition Atlas, a panel discussion with faculty and ICDS members, and engaging club activities, promoting awareness on balanced diets and informed food choices.



The Gaganaut's Grub on National Space Day 2024

National Space Day Celebrations, August 23, 2024

Ms. Sai Priya, Ms. Ananya Devi, and Ms. Priyanka B. from the Department of Food and Nutritional Sciences, presented "The Gaganaut's Grub" on 23 August 2024 as part of National Space Day Celebrations. The program highlighted the evolution of astronaut nutrition, addressing physiological, psychological, and nutritional needs during space missions, innovations in food technology, preservation, packaging, and emerging trends such as in-space cultivation and 3D-printed meals.

National Sports Day Celebrations - Optimizing Athletic Performance through Nutrition & AI, August 23, 2024

On 23 August 2024, the Sports & Fitness Nutrition Club, Department of Food & Nutritional Sciences, hosted "Optimizing Athletic Performance through Nutrition & AI". Dr. Geetanjali Bhide (Sports & Fitness Nutritionist, Army Rowing Node, Pune) spoke on nutrition for enhancing sports fitness, while Ms. Stuti Pahuja (Sports Nutrition Specialist, QNA Nutrition Clinics, Bengaluru) discussed the role of AI in personalizing nutrition plans for athletes.

Faculty Achievements

Academic Honours and Invitations

- Dr. M. Srijaya delivered an invited lecture entitled "Innovations in Food Processing: Minimizing and Maximizing quality through sustainable agricultural practices" during a session in the International Congress on Nutrition and Food Science conference held in Bangkok, Thailand (March 18 - 20, 2025).
- Dr. Tapasya Anand delivered a keynote on "Nutrition and Wellness for Women" on the occasion of International Women's Day celebrations at Sanskriti School of Engineering (SSE), Puttaparthi, Andhra Pradesh, India (March 6, 2025).
- Dr. A. Sumana delivered an invited talk entitled "Probiotics and Prebiotics in the Formulation of Therapeutic Diets" during the International online workshop on Recent Research Innovations in Gut Microbiome and Personalised Nutrition (January 25, 2025).
- Prof. N. Srividya delivered an invited talk entitled "Micro-farming at Home for Health and Nutrition- Harvesting Health: The Art of Micro-farming at Home", in a webinar organised by Sri Shakthi Yogalaya in association with Rotary e-club of Chennai Shakthi & Inner Wheel Club of Chennai Rainbow Shakthi (December 22, 2024).
- Prof. N. Srividya delivered a plenary lecture on "Innovation in Research" in the Research Convention-2024 on Interdisciplinary Methodologies and Approaches to Research, held at Avinashilingam Institute of Home Science and Higher Education for Women, Coimbatore (December 18, 2024).
- Dr. Tapasya Anand received international fellowship to carry out research work under the SAKURA Science Exchange Program and visited the Graduate School of Advanced Science and Technology, JAIST, Japan (November 29 - December 8, 2024).
- Prof. B. Andallu delivered a keynote on "Medicinal Potential of Phytochemicals in Spices: Extraction and Bioactivity Assessment by in vitro Methods and Model systems" in the 5th International Conference on Food Science and Nutrition organized by Aver Conferences, Orlando, Florida, USA (September 20, 2024).

- Prof. B. Andallu delivered a plenary talk on “In Vitro and In Vivo Evaluation of Aniseeds (*Pimpinella anisum* L.) for Therapeutic Potential” in the 5th International Conference on Food Science and Nutrition organized by Aver Conferences at Orlando, Florida USA (September 20, 2024).
- Prof. N. Srividya delivered an invited talk entitled “Rediscovering Traditional Indian Dietary Practices for Everyday Nutrition” in the scientific session in the National Symposium on Nutritious Diets for Everyone, conducted by Avinashilingam Institute of Home Science and Higher Education for Women, Coimbatore (September 19, 2024).
- Prof. N. Srividya delivered an invited talk entitled “Sarcopenia in Clinical Practice- Nutritional Assessment and Management” in the Danone Session, during the EASD (European Association for the Study of Diabetes) 2024 conference visit at Madrid, Spain (September 10, 2024).



Prof. N. Srividya at the European Association for the Study of Diabetes 2024, Spain

Membership of Academic Bodies

- Dr. A. Sumana is a member of the Board of Studies in the Departments of Cluster University, Kurnool (February 21, 2025).
- Dr. A. Padmaja is a member of Board of Studies in the Departments of Food Science and Technology and Nutrition and Dietetics of Sri Sai Baba National Degree College (Autonomous) Anantapur (2024 - 2027).
- Prof. N. Srividya is a member of Board of Studies for Food Science & Nutrition – PG, University of Mysore (2022 - 2025).
- Prof. N. Srividya is a member of Board of Studies for Food, Nutrition & Dietetics, Andhra University (2021 -2025).

Research Scholar & Student Achievements

Awards and Recognitions

- Ms. Sai Dharshini S, Founder & CEO of Saimeethya Foods Pvt. Ltd., scripted history by establishing the “first-ever student start-up” from the Dept. of Food & Nutritional Sciences, creating millet-based ready-to-eat products that promote nutrition, sustainability, and Sai values by transforming under-utilised millets into convenient, quality-assured daily foods (May 22, 2025). The venture became the first student start-up from DFNS to be incubated at the Sri Sathya Sai Research and Innovation Foundation (SSSRIF) with the signing of an incubation agreement (May 28, 2025), and further secured ₹5 Lakh in funding at the culmination of SparkLab 1.0 (June 27, 2025).



Ms. Sai Dharshini S Founder & CEO Saimeethya Foods at Sparklab

- Ms. Sai Lavanya from II M.Sc. in Food Technology received “Second prize” for her Oral Presentation on “Development and Sensory Evaluation of Multi-Grain Crackers for the Management of Metabolic Dysfunction-associated Steatotic Liver Disease (MASLD)” in 8th AMIFOST 2025 - International Conference on the Future of Food Science & Technology: Innovation, Sustainability and Health, organized by Amity University, India (March 27 - 28, 2025).
- Ms. Bhagavatula Vibhuti, Ms. Netheti Vasantha, Ms. Emani Sri Lalitha from I M.Sc. won “First prize” (out of 31 teams) for their presentation on “Nature to Canvas – Crafting Sustainable Painting Paper with Dried Leaves” at the KSTA Conference on Eco-Tourism in Bengaluru (February 19 - 21, 2025).
- Ms. Mounika Pandey and Prof. N. Srividya won the “First prize” (₹3,000) for in the “SPARK - Food Business Idea Competition” their innovative idea presented at the National Workshop on Food Business Initiative 2.0 organised by M.O.P. Vaishnav College for Women, Chennai (February 8, 2025).



Ms. Mounika Pandey at SPARK - Food Business Idea Competition



Team SSSIHL Wins 1st Prize at – AICTE Millet Recipe Unleashing Talent (AMRUT)



Team SSSIHL's Winning Recipe – Multi-Millet Muesli at AMRUT

- Ms. Sai Dharshini S, Ms. Alisha Pradhan, Ms. Sparsh Sumnirom Subba, and Ms. Beesetti Lohita under the mentorship of Dr. M. Meera, won the "First prize" (₹1,00,000) in the AMRUT (AICTE Millet Recipe Unleashing Talent) Competition Finals held in New Delhi, for their entry "Multi-Millet Muesli" in the Breakfast & Starters category >70% millet content on (October 25, 2024).
- Ms. Amulya Thota from II UG FNS secured "Fourth prize" out of 130 participants for her essay on the topic "Right to foods for a better life and better future" as part of World Food Day, Organized by the Association of Food Scientists and Technologists (AFSTI), CFTRI, Hyderabad Chapter (October 16, 2024).

Academic Honours and Invitations

- Ms. Sparsh Sumnirom Subba and Ms. Mounika Pandey participated in the SAKURA Science Exchange Program organised by the Government of Japan, hosted by the Japan Advanced Institute of Science and Technology (JAIST), Nomi, Ishikawa, Japan (November 28 - December 8, 2024).

Industry Connect



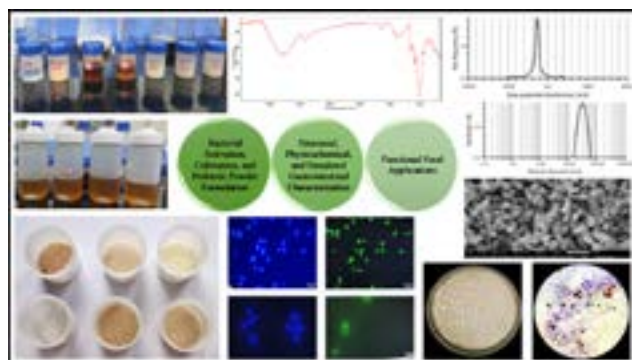
Industry Connect: Design Thinking workshop at WE Hub, Hyderabad



Industry Connect: Visit to Center for Advanced Solar Food Processing

- III UG FNS, I & II M.Sc. FNS, February 10 - 13, 2025.
Organizations visited: OM Anandam Foods LLP, Sam Agritech, SEED (Sustainable Environment and Ecological Development Society), Institute of Hotel Management Catering Technology and Applied Nutrition, National Institute of Nutrition (ICMR), CSIR-CFTRI Resource Center, Centre for Cellular and Molecular Biology (CCMB), The Telangana State Dairy Development Cooperative Federation Limited, Dietetic section of AIG Hospitals, T-Hub and We-Hub, Hyderabad, Telangana.

Research Areas



Novel Functional Food Approaches for Disease Mitigation

Novel Functional Food Approaches for Disease Mitigation

Leveraging Indian heritage pigmented rice, researchers developed multifunctional medicinal rice beverages and nutraceutical powders with strong anti-viral, anti-inflammatory, and antioxidant properties. A tomato-aloe functional beverage for gut health was scaled to TRL 6. Additionally, a low-GI, vegan, gluten-free protein mix (PDCAAS 0.8-1) was formulated to aid diabetes management by supporting blood glucose homeostasis. All products are nutritious, easy to prepare, affordable, and designed for wide accessibility.

Fortification Strategies to Address Micronutrient Malnutrition

Pigmented rice varieties were developed as vehicles for single and double fortification with iron and zinc using an in-house bioprocess-based method. This low-tech, cost-effective process enhances micronutrient concentration and bio accessibility while retaining beneficial metabolites. Suitable for decentralized production, it offers a scalable solution to combat micronutrient deficiencies in vulnerable populations, especially in rice-dependent, low-resource settings.

Development of Supplementary Foods to Address Protein-calorie Malnutrition

Pigmented rice varieties were also utilized as a hypoallergenic and nutrient-dense crop to formulate Ready to Use Supplementary Food (RUSF) products for addressing Moderate Acute Malnutrition (MAM) in children as per WHO/FAO standards.

Microbiome Therapeutics as a Novel Strategy for Modulating Iron Metabolism and Managing Iron Deficiency Anemia

This study explores microbiome-based therapies-probiotics, synbiotics, and engineered microbes – as novel strategies to enhance iron absorption and manage iron deficiency anemia. By improving gut barrier function, reducing inflammation, and promoting

beneficial bacteria involved in iron solubilization and transport, these approaches offer safer, sustainable alternatives to conventional supplementation. The work aims to advance mechanistic understanding of microbiome-iron interactions, paving the way for innovative therapeutic solutions and informed public health recommendations.

A Study on the Implementation of the Nutrition Care Plan (NCP) in a Hospital Setting with Special Focus on a Modified Nutritional Screening Tool for India

This study seeks to optimize Nutrition Care Plan (NCP) implementation in Indian hospitals to address high malnutrition rates among inpatients. It focuses on developing a modified nutritional screening tool tailored for Indian settings, formulating low-cost, nutrient-dense feeds, and creating nutrition education materials for continuity of care. By strengthening systematic screening and interventions, the approach aims to improve clinical outcomes, reduce healthcare costs, and enhance the recovery and well-being of hospitalized patients in resource-limited environments.

Sustainable Plant-Based Solutions for Improving Muscle Health and Mental Well-Being

This study developed sustainable, minimally processed plant-based protein mixes, bars, and beverages to support muscle health and mental well-being. The protein products contained all essential amino acids, showed moderate-to-high PDCAAS, and demonstrated significant antioxidant and anti-inflammatory activity. The polyphenol-rich beverage blends exhibited strong antioxidant capacity, suggesting potential to enhance cognitive health, reduce mental fatigue, and improve stress resilience. These findings highlight plant-based, nutrient-rich formulations as promising interventions for muscle recovery, strength, and holistic well-being.

Reimagining Milk: Pioneering Plant-Based Innovations for a Sustainable Tomorrow

The study pioneers' sustainable plant-based milk analogues (PBMA) by optimizing seeds, legumes, and cereals through precision processing. Using advanced analytical, sensory, and safety assessments, the study ensures nutritional quality, taste, and stability. PBMA are developed into value-added products like milk powders and fermented frozen desserts via freeze drying and homogenization. Aligning with evolving dietary trends, this innovation enhances consumer acceptance, supports regulatory readiness, and advances circular bioeconomy goals for a healthier, sustainable food future.

Valorisation of Vegetable Wastes

The research valorised vegetable wastes like pea pods and peels by extracting cellulosic material to develop biodegradable packaging films. These films showed strong physical and structural properties and degraded significantly faster in soil than conventional plastics. The findings highlight the potential of vegetable processing waste as a sustainable raw material for eco-friendly packaging, offering a viable solution to reduce environmental pollution and replace conventional plastics in diverse applications.

Ensuring Food Safety & Quality Through Chemical and Advanced Analytical Techniques

This research develops AI- and ML-integrated analytical tools, combining spectroscopy and chemometrics, for rapid, non-destructive, and accurate detection of food adulterants, contaminants, and quality deviations. The scalable, data-driven frame-

work can be applied across diverse food matrices to strengthen regulatory monitoring, enhance consumer protection, and safeguard public health. Directly supporting SDG 3 and SDG 12, this work advances sustainable, transparent food quality practices while reducing foodborne risks.

Hidden Hazards

Mislabeling and Heavy Metal contamination in weaning foods and protein powders: Studies on commercially available weaning foods and protein powders in India revealed widespread mislabeling, with major discrepancies in declared nutritional content. Forty percent of weaning foods contained high levels of BHA, while 55% of protein powders were mislabeled. Alarming, all protein powder samples contained arsenic, lead, or cadmium above safe limits. These findings highlight serious food safety concerns, underscoring the urgent need for stricter regulatory enforcement and consumer awareness to protect public health.

Mathematics and Computer Science

Academic Engagements

INSPIRE Club Hosts Expert Talks on Emerging Frontiers in Science, July 2024 - June 2025

The INSPIRE (Innovative and Novel Solutions Promoting Intellectual Research Excellence) Club by the Department of Mathematics and Computer Science, organized expert talks and curated video sessions spanning mathematics, computer science, and interdisciplinary topics. Highlights included Prof. Ramesh Sharma's keynote on student research and sessions on AI optimization, quantum computing, and cosmic rays, featuring eminent speakers like Dr. N. Uday Kiran, Dr. Bharath Parthasarathy, Dr. Upanshu Sharma, Dr. Voruganti Chandrasekhar, and IBM's L. Venkata Subramaniam from academia and industry.



Dr. N Uday Kiran, World Quantum Day Celebrations

Celebration of the World Quantum Day, April 17, 2025

The department celebrated World Quantum Day with talks on quantum computing, sensing, and chemistry by internal experts, a professor from IIT Guwahati, and the CEO of iFocus Pvt. Ltd. Outreach to 12th-grade students promoted quantum science awareness and foster enthusiasm for quantum technologies within the student community.



PracTech-Student Club Inauguration, Nandigiri Campus, March 29, 2025

On 29 March 2025, the Nandigiri Campus inaugurated the PracTech Club, aimed at enhancing computer literacy through practical learning. The club bridges theory and application, equipping students with hardware and software skills. The inaugural session featured an introduction to key motherboard components and a live PC-building demonstration. Rooted in Bhagawan Sri Sathya Sai Baba's values of integrity and selfless service, the club nurtures self-reliance and responsibility, preparing students to be confident, tech-savvy contributors in the digital age.

Faculty Development Programme on - Foundations and Applications of Quantum Computing, March 18 - April 3, 2025

The two-week Faculty Development Programme (FDP) on quantum computing, covering foundational principles, emerging trends, and practical applications was designed for educators and researchers and included lectures and hands-on sessions. Participants included faculty members, post-doctoral researchers, PhD students, and industry professionals from related fields. The curriculum aligned with the AICTE's QTO1 and QTO5 model curricula for the Minor Degree in Quantum Technologies for undergraduate courses, released in December 2024, ensuring relevance and up-to-date content for advancing quantum education.

Workshop on - Programming Skills by Alumni, March 15, 2025

Sri Ajay Singh (alumnus), conducted a hands-on workshop for UG Mathematics students on Makefile, gdb, and git, enhancing programming skills for industry readiness.

Workshop on - Databases: Mastering Data Systems - From PostgreSQL Internals to Distributed Architectures, February 1, 2025

The workshop offered M.Tech. (Computer Science) students' in-depth knowledge on PostgreSQL internals, advanced indexing, query optimization, and distributed databases. Esteemed speakers included Prof. Ravi Mukkamala from Old Dominion University, Sri Hari Kiran, Founder of OpenSourceDB, Sri Suresh Chandra Dash, Senior Solution Architect at Fujitsu, and alumnus Sri R. K. N. Sai Krishna from Teradata.



National Mathematics Day Celebrations

National Mathematics Day Celebrations: Legacy of Ramanujan, December 22, 2024

National Mathematics Day saw the celebration of the "Legacy of Ramanujan" with speeches by Prof. Pallav Kumar Baruah and Dr. N. Uday Kiran, and plenary talks by Prof. R. Thangadurai and Prof. Vijay Patankar on magic squares, elliptic curves, modular forms, and sums of squares. Research presentations and student explorations in physics, computer science, and cryptography enriched the event.

Workshop on - Computer Architecture: Understanding Pipelining through CPU Microarchitecture Graphical Simulator, October 7, 2024

The Department of Mathematics and Computer Science conducted a half-day workshop on computer architecture on the important topic Understanding Pipelining through CPU Microarchitecture Graphics Simulator for Master of Science (M.Sc.) Mathematics and Master of Technology (M.Tech) Computer Science on 7th October. The sessions were conducted by Sri Dibyam Pradhan, Principal Scientist, Advanced Risk Machine (ARM), Bengaluru.

Faculty Achievements

Academic Honours and Invitations

- Prof. Pallav Kumar Baruah delivered an invited talk on "High Performance Computing", at the Visvesvaraya Institute of Technology, Bengaluru (April 28, 2025).



Prof. Pallav Kumar Baruah at VIT Bengaluru

- Dr. N. Uday Kiran delivered an invited talk on "Exploring the Fascinating World of Ramanujan Sum", at BITS Pilani, Hyderabad, (January 31, 2025).

Membership of Academic Bodies

- Mrs. G. Santoshi Kumari is a Life Member (L/2025/056) of the Indian Mathematical Society (March 2025 onwards).
- Dr. K. Sree Ranga Vani is a Life Member (L/2025/057) of the Indian Mathematical Society (March 2025 onwards).
- Dr. V. Bhaskaran is a member (1386512) of the Association for Computing Machinery (March 2025 onwards).
- Dr. K. Vengata Krishnan is an annual member (AMC/40/1859/2025) of Indian Society for Probability and Statistics, Tirupathi (2025 onwards).
- Sri P. Sunil Kumar is a member (96132860) of the Institute of Electrical and Electronics Engineers (IEEE) (March 2025 onwards).
- Sri S.V.S.N. Sarma is a member (5021250029) of Computer Society of India (March 2025 onwards).

Research Scholar & Student Achievements

Awards and Recognitions

- Sri Sivarama Varma of II M.Sc. (DS and Computing) was awarded "Best Paper Presentation" for his paper titled "AOI-LSCS: Angle Oriented ROI for Accurate Detection and Classification of Lumbar Spinal Canal Stenosis Intervertebral Disc Levels" co-authored with Sri S.V.S.N. Sarma in the 3rd International Conference on Data Science and Information System (ICDSIS - 2025), organized by CSBS Malmad College of Engineering, India (May 16 - 17, 2025).

- Sri Parth Nagar has achieved “First Rank” in the assessment test in Deep Learning with Generative Artificial Intelligence for Computer Vision 2025 (April 4, 2025).
- Sri Parth Nagar received a “\$1000 Sponsorship” for his outstanding work on the Federated RAG project using the TenSEAL Library (CKKS) during the one-month OpenMined “30 Days of FL Code” challenge (January 12, 2025).



M.Sc. (Mathematics) Students at Malware Analysis Hackathon, IIT Madras

- Sri Ninand L, Sri Aravandham, and Sri Manoj Kumar, students of M.Sc. (Mathematics), received a special mention for their ‘out of the box’ solution in the national-level Malware Analysis Hackathon, organized by IIT Madras. Competing against prestigious institutions, their innovative ideas were highly appreciated by the expert panel (August 2024).



M.Tech. (CS) students honoured at National Education Summit, Prasanthi Nilayam

- Sri Aryan, Sri Shirdeesh, Sri Deep Sai, Sri Akshay, and Sri Sai Raj, first-year M.Tech. (CS) students, were honoured at the National Education Summit organised by Sri Sathya Sai Vidya Vahini (SSSVV) for developing three innovative web-based applications – Story Builder, Typing Tutor, and Drag and Drop Game for SSSVV – which were also showcased at the event (July 6, 2024).

Research Areas

Deep Learning

Class Incremental Learning enables AI to learn new classes over time without forgetting old ones. Exemplar-free methods improve scalability by removing the need to store old data. This combats catastrophic forgetting, making AI models more adaptive to dynamic scenarios. Deep Learning in the Long Tail tackles the challenge of learning from rare or underrepresented data. It improves model performance in critical fields like medical diagnosis and fraud detection, where rare events carry major importance.

Generative AI & Multimodal Models

Generative AI and Video Retrieval-Augmented Generation (RAGs) integrate data from video, audio, images, and text to generate rich, context-aware outputs. This is useful in healthcare, education,

and interactive systems. Human behaviour understanding uses multimodal vision-language models to analyze facial expressions, speech, and text. It enhances applications like assistive tech, mental health support, and human-computer interaction by interpreting real-life behaviors.

Artificial Intelligence in Healthcare

AI for Early Autism Detection identifies signs of autism in children, enabling timely, personalized care and better developmental outcomes. Sustainable AI for Healthcare focuses on efficient, resource-conscious diagnostic systems that optimize healthcare delivery. Patient-Specific Cardiac Simulations use Graph Neural Networks to model individual heart functions, aiding diagnosis and treatment of cardiac conditions.

Medical Image Processing

The team is building a 3D surgical simulation platform for Total Knee Arthroplasty, enabling patient-specific cutting guides for improved accuracy. They aim to develop an automated tuberculosis detection system that improves diagnostic reliability in resource-limited settings, overcoming flaws of traditional microscopy.

Machine Learning & Atmospheric Sciences

AI for Atmospheric Motion Wind Retrieval applies ML to satellite data to extract wind patterns. This enhances weather forecasting and aids in better understanding of climate dynamics.

Data Privacy & Secure AI

Privacy-Preserving AI performs computations on encrypted data, ensuring data confidentiality in domains like healthcare and finance. Decentralized AI enables collaborative learning across devices without sharing raw data, using methods like federated learning. These techniques maintain legal and ethical data usage while ensuring AI learns from sensitive information.

AI for Social Impact

AI for Social Security Systems applies predictive analytics to improve policy decisions. It ensures better planning and implementation of welfare schemes so benefits reach the right people efficiently.

Large Language Models (LLMs)

Schema-Aligned Instruction Tuning develops LLMs for emergency care. By aligning with structured medical data, these models respond more reliably in healthcare settings.

Cybersecurity

AI in Cybersecurity detects threats, anomalies, and vulnerabilities. It enables the development of adaptive systems that respond swiftly to evolving security challenges.

Decentralized Privacy-Preserving MLOps with Web3

Emerging paradigms like Federated, Split, and Consensus Learning allow training without centralizing data. Web3 tools such as Blockchain, IPFS, and Smart Contracts support secure, collaborative MLOps. This framework enhances privacy and security throughout the AI development lifecycle.

Data Systems

Query Processing in Distributed Databases optimizes how cloud-based systems handle large-scale data. Efficient execution reduces latency and improves resource use.



Agriculture and Sustainability

AI for Livestock Management monitors animal health and behavior. It improves productivity and welfare while minimizing environmental impact through data-driven farming.

Fluid Dynamics

Fluid Flow, Heat, and Mass Transfer explores how fluids transport energy and matter. This underpins advances in engineering applications. CFD Applications in Biomechanics simulate blood flow in arteries, aiding medical diagnostics and intervention planning.

Graph Theory

Hash Algorithms and Labelled Graphs support secure hashing, boosting cybersecurity. Multistep Authentication uses labelled graphs to enhance layered security systems. Soft Sets with Labelled Graphs automate clinical coding using AI. Metric Dimension of Graphs helps with sensor placement and navigation. It also analyses connection-based topological indices for QSPR/QSAR studies, comparing them with classical indices to improve molecular modeling.

Fractal Interpolation & Approximation

Fractal-based interpolation techniques are developed using self-similarity. These include fractal B-splines and Bézier curves, improving 2D/3D modeling in graphics, scientific visualization, and surface reconstruction. This approach enhances precision in modeling complex natural and engineered forms.

Fractal Applications

Fractals aid solutions in differential equations, image compression, and signal reconstruction. They support fingerprint reconstruction and diabetes prediction in biomedical domains. In geophysics, fractal techniques enhance seismic data analysis and fluid flow simulation in porous media, outperforming traditional models.

Hyperbolic Equations and Pseudodifferential Operators

Involves the studying of hyperbolic partial differential equations that model wave-like behavior. This includes analyzing pressure during rocket launches, supporting safer aerospace design.

Number Theory and Generating Functions

Involves generalizing Ramanujan sums using regular A-functions and introduce new number-theoretic structures. The work includes Gauss-like sequences and their congruence properties, revealing rich combinatorial patterns and connections to generating functions and q-analogues.

Physics

Academic Engagements

Capacity Building Programme, February - March 2025

A short-term course on Semiconductor Manufacturing Technology was conducted by Sri Devaharsha, Engineer at GlobalFoundries, Bengaluru, and an alumnus of SSSIHL, for the M.Sc. Physics students during February-March 2025.

Career Counselling Session, March 18, 2025

The Department of Physics hosted Prof. B.K. Panigrahi, Senior Professor at Homi Bhabha National Institute and Institute of

Physics, for a career counselling session. Former Director at Indira Gandhi Centre for Atomic Research, and Raja Ramanna Fellow, Prof. Panigrahi shared insights from his extensive research in nuclear physics, reactors, and materials, inspiring physics students with his vast experience and mentorship legacy.

Interaction Session with TIFR Scientists, March 28, 2025

The Department of Physics organized a session with senior scientists from TIFR Hyderabad: Dr. Sree Harsha S (Scientific Officer, EPIC) and Dr. Chaitanya Kumar Suddapalli (Laser Scientist). They shared insights into career paths in photonics research and optical systems. Their expertise offered valuable guidance to students aspiring for careers in science, research, industry, and higher education abroad.

Career Counselling Session, February 8, 2025

The Department of Physics, Prasanthi Nilayam Campus, hosted Prof. B. Sriram Shastry, Distinguished Professor, University of California, Santa Cruz, for a career counselling session. He guided UG and PG students on career pathways in physics, interdisciplinary research, and preparation for studies abroad, sharing insights from his pioneering work in strongly correlated electron systems. His reflections and advice inspired students to pursue physics with depth, purpose, and the Institute's core values.

The VLSI Roadshow - A National Initiative Toward Semiconductor Design Capacity Building, December 13, 2024



Exploring Semiconductor Design at VLSI Roadshow

SSSIHL, in collaboration with VLSI System Design (VSD) and DIR-V teams from IIT Madras, hosted the VLSI Roadshow at the Prasanthi Nilayam Campus. Part of the National Semiconductor Mission, the event trained students, faculty, and researchers in VLSI chip design, open-source EDA tools, and semiconductor workflows. Expert talks, hands-on demos, and career discussions aimed to strengthen India's self-reliant semiconductor ecosystem and build a skilled, future-ready workforce.

Guest Talk on - Recent Trends in Quantum Computing, September 25, 2024

The Department of Physics hosted alumnus Dr. Bharadwaj Chowdary Mummaneni, Scientific Staff at Fraunhofer IAO, Germany, for a talk on "Recent Trends in Quantum Computing" aimed at postgraduate students.

Career Guidance for Graduate Students, September 21, 2024

The Department of Physics, Prasanthi Nilayam Campus, hosted alumnus Dr. Aditya Shekar for a session on career opportunities after M.Sc. Physics. He discussed transitioning to research careers, building strong academic profiles, and developing interdisciplinary skills. Highlighting options in academia and industry, he offered tips on fellowships, PhD applications, and global opportunities. The interactive Q&A provided personalised guidance, inspiring students to align their studies with long-term goals.

Nokia Team Visit, August 31, 2024

The Nokia team, including Sri Balram Singh, Sri Dinesh, and Sri Devarajan, interacted with M.Tech (OEC) students and faculty at SSSIHL. They provided valuable feedback on curriculum and skills, and initiated discussions for consultancy projects, enhancing academic-industry collaboration.

ADI Engineers Visit, August 24, 2024

Sri Srinivas Prasad, Sr. Director of Software & Security at Analog Devices India, Bengaluru, along with his team, engaged postgraduate students of Physics on career opportunities at ADI. They also discussed potential research collaborations with faculty, strengthening industry-academia ties.



Quiz Competition, National Space Day 2024

National Space Day, August 19 - 23, 2024

The Departments of Physics at the Prasanthi Nilayam and Anantapur Campuses of SSSIHL celebrated India's First National Space Day on 23 August 2024, themed "Touching Lives while Touching the Moon: India's Space Saga."

At Prasanthi Nilayam, events included an elocution competition, quiz, and presentations highlighting India's achievements in space technology, culminating in a planetarium show titled "Supermassive Black Holes: Uncovering the Invisible."



Sri G. Ananda Chandran (Retd. Scientist, ISRO) at National Space Day 2024

At Anantapur, the Space Club organized a series of engaging activities, including a collage art contest, stargazing session, and elocution on space scientists, followed by guest talks by ISRO

scientists – Sri G. Ananda Chandran (Retd. Scientist, ISRO), Mrs. G. Usha (Project Manager, ISRO, and alumna), and Mrs. D. Utkarsha (Optical Design Engineer, Pixxel Space, alumna) and a digital exhibition on India's space missions. The celebrations inspired students to explore the frontiers of astronomy and space science with curiosity and pride.

4th Anniversary Day Celebrations of NEP 2020, July 29, 2024

A talk on "Innovation and Creativity in Education - the NEP 2020 Way" was delivered by Dr. S. Sathyeshwar, Principal, Jyothy Institute of Commerce and Management, Bengaluru, at the Institute Auditorium in Prasanthi Nilayam. The event was jointly organised by the Department of Physics, the NEP 2020 Cell, and the Institution's Innovation Council, SSSIHL.

Exploring Physics through Optics: Lectures by Prof. K. Srinivasan, July 8 - 13, 2024

The Department of Physics, Prasanthi Nilayam Campus, hosted Prof. K. Srinivasan, Former HoD and Dean, SSSIHL, for a week of enriching academic interactions from July 8-13, 2024. Through a guest lecture series and a colloquium titled "Optics as a Paradigm to Learn Physics," he explored foundational and advanced concepts across wave theory, quantum mechanics, and electromagnetism. His sessions emphasized effective pedagogy, research methodology, and the integration of values in science, inspiring students to pursue both academic excellence and character development.

Faculty Achievements

Academic Honours and Invitations

- Dr. Paramesh Gadige presented an oral talk on "n-to p-type Switching in ZnO/Carbon-Black Nano Heterostructures Sensing Ethanol at Room Temperature" at the 15th Asian Conference on Chemical Sensors, 2024, held in Kitakyushu, Japan (17-20 Nov 2024). He received an international travel grant from ANRF, India, to support his participation and presentation at this prestigious event.
- Dr. Sai Muthukumar V delivered a keynote address on "Characterization of Bone & Bone-related Materials: A Clinical Research Perspective" at MMD-2024, organized by ASM International and AMTZ, Andhra Pradesh, on 5th September 2024 in Mumbai.
- Dr. Sai Muthukumar V was invited as an External expert for the DHR-sponsored training program on Modern Biology in Health Research, where he delivered a technical talk online on "Characterization of bone using Raman Spectroscopy: Clinical research perspective". This was organized by MGMARI – Sri Balaji Vidyapeeth, Puducherry on Mar 27, 2025.

Research Scholar and Student Achievements

Awards and Recognitions

- Sri Prudhvi, Sri Akhil, Sri Vardan, Sri Vishnu, and Sri Kabiraj, B.Sc. Physics students, mentored by Dr. Sai Muthukumar V, won the "First prize" and a cash award of ₹50,000, for developing and demonstrating HelioSync360, a dual-axis solar tracker prototype leveraging a new RISC-V-based VSD Squadron chip architecture, in the hardware track of the DIR-V Symposium Product Hackathon, organized by VSD, Bengaluru, at IIT-Madras Research Park (March 2, 2025).



Ms. Sushma Tripathi with the Best Oral Presentation Award at JNTU

- Ms. Sushma Tripathi received the “Best Oral Presentation Award” at the International Conference on Membrane Processes for a Green Environment: Current Status, Challenges, and Future Prospects (ICMPGE-2024), held at Jawaharlal Nehru Technological University, Ananthapuram, Andhra Pradesh, India, (October 16 - 18, 2024).

Academic Honours and Invitations

- Ms. Sushmita Chettri visited Uppsala University, Sweden and conducted research work on Biomaterials at the Department of Materials Science and Engineering: Applied Materials Science, as part of the Network Grant between SSSIHL and Uppsala University (February - June, 2025).
- Ms. Priyanka Verma and Sri Krisanta Rai visited the Japan Advanced Institute of Science and Technology (JAIST), Japan under the prestigious “SAKURA Science Exchange Program” (December 2 - 6, 2024).

Research Areas

Development of Polymer-based Composites for EMI Shielding Applications

This research develops lightweight, flexible, and eco-friendly polymer-based composites for electromagnetic interference (EMI) shielding by incorporating carbonaceous and metal oxide fillers. The composites' electrical and shielding properties are characterized using VNA, impedance spectroscopy, thermal analysis, XRD, FTIR-ATR, and electron microscopy, aiming to create absorption-dominant shields for effective microwave protection.

Materials for Biomedical Applications

This study explores a simple, cost-effective method to enhance titanium dental implants' surface properties, promoting osseointegration and bacterial inhibition. Dental implants, primarily made from titanium and its alloys for their mechanical strength and biocompatibility, restore oral function, preserve jaw structure, and improve aesthetics.

Nuclear Structure – Isomers and Exotic shapes

This research comprehensively studied isomers and exotic structures in odd-odd rare earth nuclei, constructing low-lying level structures using the Two Quasiparticle Rotor Model. New spin-parity, orbital, and energy assignments were made, guiding future studies. Experimental work at INGA revealed, for the first time, shape transitions in light rare-earth odd-odd nuclei, with potential applications in medicine, imaging, agriculture, and industry.

Encapsulated Nanoadsorbents in Polymer Matrices

A Sustainable Approach for Groundwater Purification: This research develops polymer-encapsulated nanoadsorbents for sustainable groundwater purification. Encapsulation prevents nanoparticle aggregation and leaching, improves stability and reusability, and enables targeted heavy metal adsorption. These composites offer an efficient, cost-effective, and eco-friendly solution for remediating contaminated groundwater, addressing limitations of conventional treatment methods.

Nanomaterial-Enhanced Electrochemical Sensors for the Detection of Water Contaminants

This study develops nanomaterial-based electrochemical sensors for rapid, sensitive, and selective detection of water contaminants. Incorporating nanomaterials enhances electrode conductivity, surface area, and electron transfer efficiency, overcoming key fabrication challenges. The approach offers a portable, real-time, and practical alternative to conventional bulky and time-intensive analytical methods.

Solid Electrolytes for Li/Na-Ion Batteries – Towards Safer and High-Performance Energy Storage Devices

This research develops advanced solid-state electrolytes for Li/Na-ion batteries, offering safer, more stable, and energy-dense alternatives to liquid electrolytes. Focusing on NASICON-type ceramics and their variants, the study employs diverse synthesis methods to optimize ionic conductivity, stability, and electrode compatibility. Structural and electrochemical analyses guide the creation of cost-effective, scalable materials for next-generation all-solid-state batteries in electronics, electric vehicles, and grid storage.

Development of Lead-Free Piezoelectric Materials for Energy Harvesting and Sensing Applications

This study develops high-performance, lead-free piezoelectric ceramics for energy harvesting and sensing, addressing environmental concerns of lead-based materials. Focusing on alkali niobate, bismuth sodium titanate, and modified potassium sodium niobate systems, the work uses doping and composites to enhance functional properties. Synthesized via solid-state and mechanochemical methods, the materials are optimized for structure, microstructure, and performance, aiming for sustainable integration into sensors, actuators, and self-powered devices across industrial, biomedical, and consumer applications.

Advanced Materials for Sensing and Biomedical Applications

This research develops sustainable advanced materials-nanomaterials, hydrogels, glasses, and ceramics – for sensing, biomedical, and environmental applications. Focus areas include radiation shielding barium bismuth borosilicate glasses, ZnO-based gas and humidity sensors, agar-laponite hydrogels, and bioactive TiO₂-modified borate glasses for bone/tissue repair. Studies also examine dielectric relaxations, crystallization kinetics, and nano/microstructural modifications to tailor electronic and chemical properties, enabling innovations in biosensing, drug delivery, environmental monitoring, and industrial processes.

Optical Biosensing

The research develops a novel bimodal interferometric optical biosensing platform using slanted waveguides fabricated on fused silica via femtosecond laser micromachining. Optimized for high

refractive index sensitivity, the system employs image-enhanced optical readout for real-time, label-free biomolecular detection. Validated through enzyme sensing and antigen-antibody assays, this compact, low-cost, and scalable platform offers versatile applications in sensitive biosensing.

Nuclear structure and Nuclear Spectroscopy (Electron-gamma spectroscopy)

The nuclear physics group specializes in theoretical and experimental low-energy spectroscopy, focusing on odd-mass and doubly odd nuclei. Through gamma-gamma coincidence and electron spectroscopy, they address discrepancies in nuclear data, re-evaluate multipolarity assignments, and conduct precision studies of gamma and conversion electron spectra. These investigations provide accurate spectroscopic information, valuable for calibrating electron detectors and transporters.

Developing Lead-Free and Light Weight Radiation Shielding Aprons

The work aims to develop lightweight, lead-free radiation shielding aprons using high-density, heavy metal oxide-based glasses and polymer composites. These materials address the toxicity of lead while providing effective protection against high-energy y-rays used in medical, industrial, and research settings. Synthesized glass powders with superior shielding properties will be integrated into polymer composites to fabricate eco-friendly, protective garments for professionals working in radiation environments.

Structure and Dynamics of Dendrimer-Carbon Materials (Graphene/Fullerenes) Using All-Atom Molecular Dynamics (MD) Simulations

This study uses all-atom molecular dynamics simulations to investigate how dendrimer surface chemistry influences their structure, dynamics, and interactions with carbon materials like graphene, nanotubes, and fullerenes. Terminal functional groups affect size, flexibility, charge distribution, and non-covalent interactions, impacting solubility, dispersion, and binding. Tailored surface chemistry enables efficient functionalization, paving the way for advanced nanocomposites in drug delivery, biosensing, catalysis, and energy or electronic applications.

Computational Engineering of BDNF Variants: Insights from Energetic and Dynamic Analyses of Point Mutations

This study employs FoldX, SNPeffect, and molecular dynamics simulations to identify BDNF point mutations that enhance stability and NTF3 interaction without promoting aggregation. Structural dynamics reveal mutation impacts on conformation and flexibility, validated using homologous NGF mutations. The work presents a cost-effective computational framework for protein engineering, offering insights into neurotrophin structure-function and aiding the design of stable, improved BDNF variants for potential neurological disorder therapies.



Centres of Excellence

Centre of Excellence in Actuarial Data Science (CADS)

Academic Engagements



Panel Discussion at IFoA Industry Academia Conclave



IFoA Industry Academia Conclave

IFoA Industry Academia Conclave, March 21, 2025

The IFoA Industry-Academia Conclave hosted by CADS-SSSIHL on March 21, 2025, and sponsored by the Institute and Faculty of Actuaries, UK, brought together 100+ students from six institutions and professionals from eleven actuarial organizations. Highlights included a profession roundtable, cyber risk panel, and student showcase, fostering academia-industry collaboration in actuarial science.

Workshop on - Fundamentals of Actuarial Mathematics, January 16 - 25, 2025

The workshop on the Fundamentals of Actuarial Mathematics Workshop at CADS trained 40+ students in core actuarial mathematics concepts. Participants gained practical experience through hands-on exercises using Microsoft Excel.

Workshop on – Python Predictive Analytics, October 6 - 11, 2024

A workshop on the Python Predictive Analytics Workshop at the Anantapur Campus trained 25+ students and faculty from the Department of Biosciences. It introduced Python for Data Science, covering programming basics, mathematical computing, data manipulation, and visualization. Hands-on exercises and interactive sessions equipped participants to apply Python in real-world analytics projects.

Workshop on – Financial Mathematics, September 7 - 8, 2024

The Financial Mathematics Workshop at the Brindavan Campus trained 50+ students and faculty from the Department of Management and Commerce. It covered core skills for calculating cash flow values in loan and bond valuation, asset/liability management, and investment income analysis, strengthening participants' financial decision-making capabilities.

International Actuaries Day Celebration, September 2, 2024

The International Actuaries Day celebration on September 2, 2024, at CADS, SSSIHL, featured addresses by Harold Singh, FSA, Prof. Pallav Kumar Baruah, and Satya Sai Mudigonda. Actuarial students heard inspiring messages from over 25 alumni, alongside highlights of SSSIHL's value-based education, CAS Gold Level and SOA UCAP Advanced recognitions, and its global outreach and research collaborations.

Workshop on - Statistical Concepts for Scientific Research by Dr. Debarshi Dey, July 8 - 11, 2024

The four-day Workshop on Statistical Concepts for Scientific Research by Dr. Debarshi Dey at Prasanthi Nilayam equipped Ph.D. scholars and medical professionals with essential statistical skills. Covering topics from experimental design to Bayesian methods, participants gained hands-on experience with R software, data visualization, and interpretation, fostering the ability to design, analyze, and report research with scientific rigor.

Faculty Achievements

Academic Honours and Invitations

- Sri Satya Sai Mudigonda and Dr. Rohan Yashraj Gupta presented on the topic "Innovative Applications of Generative AI in Actuarial Data Science" at the 24th Global Conference of Actuaries 2025, Mumbai, organized by the Institute of Actuaries of India (March 18, 2025).
- Sri Satya Sai Mudigonda and Dr. Rohan Yashraj Gupta were invited as keynote speakers at the ACTCON Conference 2025 organised by the Department of Actuarial Science of Bishop Heber College at Tiruchirapalli (February 12 - 13, 2025).

- Sri Satya Sai Mudigonda and Dr. Rohan Yashraj Gupta presented on the topic “Understanding AI – eXplainable AI (XAI) Techniques in Practice” at the IFoA India Conference 2024, New Delhi, organized by the Institute and Faculty of Actuaries (November 30, 2024).
- Sri Satya Sai Mudigonda and Dr. Rohan Yashraj Gupta were invited to address the students at Christ University Bengaluru on various topics of actuarial exams and research (November 27, 2024).
- Sri Sathya Sai Mudigonda and Dr. Rohan Yashraj Gupta were invited to present about the “Actuarial Program at SSSIHL”, at the CAS International General Insurance Teaching Summit – Advancing General Insurance Education in Asia conducted at Kuala Lumpur, Malaysia (October 16 - 18, 2024).
- Sri Sathya Sai Mudigonda was invited to be a part of the panel discussion titled “Crafting the Future of the Actuarial Profession: A Synergy between Academia & Industry” as part of the International Actuaries Day 2024 celebration at the Swiss Re office in Bengaluru organized by Swiss Re and IFoA (August 21, 2024).

Research Scholar & Student Achievements

Awards and Recognitions

- Sri G. Hemanth Kumar, Sri M. Prem Sai, and Sri T. Sai Pradyumna, from I.B.S. Actuarial Data Science and I.B.S. Mathematics with Computer Science, were among the “top five finalists” at the COLOURS Case Study Competition, organized by the Department of Professional Studies, CHRIST (Deemed to be University) (March 7, 2025).
- Sri Maturi Eswar Prem Sai Guptha won the “Best Paper Award” at the two-day ACTCON Conference 2025 organised by Department of Actuarial Science of Bishop Heber College at Tiruchirapalli for his presentation on “Addressing Climate Risks in the Insurance Industry: The Role of Actuaries and the Actuaries Climate Index” (February 12 - 13, 2025).
- Sri B. Sai Prabhakar won the “Best Paper Award” at the two-day ACTCON Conference 2025 organised by Department of Actuarial Science of Bishop Heber College at Tiruchirapalli for his presentation on “Crop Price Prediction Using Actuarial Data Science and Machine Learning Techniques” (February 12 - 13, 2025).



Sri Sai Prabhakar wins Best Paper Award at ACTCON 2025

- Sri Sairaj Patro from M.Sc. Data Science & Computing won the “Best Paper Award” at the two-day ACTCON Conference 2025 organised by Department of Actuarial Science of Bishop Heber College at Tiruchirapalli for his presentation on “Revolutionizing Reserving: Machine Learning for Accurate Loss Triangle Completion” (February 12 - 13, 2025)

- Sri Sumukha Srinidhi from M.Sc. Data Science & Computing won the “Best Paper Award” at the two-day ACTCON Conference 2025 organised by Department of Actuarial Science of Bishop Heber College at Tiruchirapalli for his presentation on “Improving Fraud Detection in Health Insurance Using Variational Auto Encoders and CTGANs” (February 12 - 13, 2025).
- Sri Anand Sai Gosikonda from I.B.S. Actuarial Data Science won the “Best Presenter Award” for the Poster Making Competition organised by Department of Actuarial Science of Bishop Heber College at the two-day ACTCON Conference 2025 held at Tiruchirapalli for his poster presentation on “Fraud Detection using AI and Telematics” (February 12 - 13, 2025).
- Sri Sairaj Patro from M.Sc. Data Science & Computing won “Third prize” in Group Discussion organised by Department of Actuarial Science of Bishop Heber College at the two-day ACTCON Conference 2025 held at Tiruchirapalli for his poster presentation on “Fraud Detection using AI and Telematics” (February 12 - 13, 2025).
- Sri Virat Nath from I.B.S. Actuarial Data Science won the “Best Presenter Award” for the Poster Making Competition organised by Department of Actuarial Science of Bishop Heber College at the two-day ACTCON Conference 2025 held at Tiruchirapalli for his poster presentation on “Gamification for the Financial World” (February 12 - 13, 2025).



SSSIHL CADS Team Winners of the IFoA Innovation Challenge 2024

- Sri Anand Sai Gosikonda, Sri K. Sai Chetan, Sri A. K. Eshwar Sai from I.B.S. Actuarial Data Science “won the IFoA Innovation Challenge 2024” and received a cash prize of ₹50000, organized by Institute of Actuarial and Quantitative Studies at the IFoA India Conference 2024, Delhi for their Insurance Model for Micro Businesses (November 29 - December 2 2024).
- Sri Sai Kartheek Cherukuri, Sri Manan Luthra, Sri Pranavchandra Vivekananda, Sri Arunachala Sivateja Mudigonda from CADS “won the 2024 CAS Student Central Summer Program Case Competition” (June 10 - August 2, 2024).

Research Areas

Impact of Climate Change on Insurance

This research examines climate change's impact on the insurance industry through advanced risk assessment methodologies. Using tools like the Actuaries Climate Index, it analyzes correlations between extreme weather, greenhouse gases, economic losses, and insured losses. Models will predict catastrophic events, guide pricing, reserving, and assess regulations to ensure affordability-helping insurers manage climate risks while maintaining economic stability.

Agricultural Revenue Protection for Indian Farmers

This research develops data-driven models combining predictive analytics, actuarial science, and financial tools to address both yield and price risks. By forecasting crop prices and volumes using machine learning and macro-climatic factors, it proposes innovative insurance products suited to India's diverse agriculture. The study also explores policy integration, FPO empowerment for futures market access, and pilot strategies to enhance farmers' economic resilience.

A Framework to Integrate Artificial Intelligence and Machine Learning for Next Generation Hybrid Educational System

This research proposes a framework to integrate Artificial Intelligence and Machine Learning into hybrid education systems, addressing challenges like infrastructure gaps and resistance to change. Highlighting the transformative potential of AI/ML, with an expected \$1 trillion economic impact by 2035 in India, it offers sustainable solutions and a performance monitoring dashboard for institutions. The study aims to support the evolving educational landscape accelerated by COVID-19, enhancing teaching effectiveness and technology adoption.

Credit Risk Management in Micro Finance Institutions

This research focuses on improving credit risk management in Microfinance Institutions by integrating actuarial science with machine learning. It aims to develop predictive models to reduce non-performing assets, enhance sustainability, and support MFI growth. The study also designs affordable financial products and evaluates the impact of COVID-19 on risk models, contributing to more resilient and inclusive microfinance operations.

AMR Tool for Respiratory Tract Infection (RTI)

The AMR Laboratory at SSSIHL, Prasanthi Nilayam, in collaboration with SCIINV Biosciences Pvt. Ltd, Hyderabad, is developing AMRxTM – an advanced diagnostic tool for respiratory tract infections and antibiotic resistance. Supported by a web application crafted by the Centre of Excellence in Actuarial Data Science at SSSIHL, this platform enables seamless access to AMRxTM's cutting-edge diagnostic capabilities, enhancing early detection and management of infections and antibiotic resistance.

Centre for Excellence in Mathematical Biology (CEMB)

Academic Engagements

Faculty Development Program (FDP) on - Advances in Mathematical Modeling Techniques, AI/ML and Bioinformatics April 12 - 19, 2025

This online FDP is organised as part of the Centenary Celebrations of our Founder Chancellor Bhagawan Sri Sathya Sai Baba, by Center for Excellence in Mathematical Biology (CEMB) in collaboration with Indian Society for Mathematical Modelling and Computer Simulation (ISMMACS), along with the Departments of Mathematics and Computer Science, Biosciences, and Food & Nutritional Science of SSSIHL. This FDP focused on advanced mathematical methods, and covered key topics such as

Machine Learning, Optimal Control Theory, Parameter Estimation, Network Modeling, Stochastic Modeling, Bifurcation Theory, Bioinformatics and Nutritional Science.

Popular Science Talk Series 2024, June 2024 - January 2025

The Centre for Excellence in Mathematical Biology organized a series of online talks titled Popular Science Talk Series 2024 in Mathematical Biology from June 2024 to January 2025. These sessions conducted each month covered key topics such as Mathematical Ecology, Epidemiology, AI/ML in Healthcare, and Bioinformatics. This initiative aimed to enhance national capacity in Infectious Disease Modeling and Mathematical Biology, fostering mathematical innovation for societal benefits, especially in public health. It provided participants with essential skills and knowledge in emerging domains of Mathematical Biology.

National Winter School for Women in AI/ML and Computational Biology, December 2 - 7, 2024

As part of the Centenary Celebrations of Bhagawan Sri Sathya Sai Baba, the Centre for Excellence in Mathematical Biology, in collaboration with the Department of Mathematics and Computer Science & Department of Biosciences successfully organized a six-day in-person Winter School. The National Winter School for Women in AI/ML and Computational Biology (NWSW-2024) was a pioneering initiative to empower women in the interdisciplinary fields of Artificial Intelligence, Machine Learning, and Computational Biology. With expert-led sessions and hands-on training, the program provided participants with a strong foundation in Mathematical Biology, Bioinformatics, Python programming, AI/ML, and Deep Learning.



National Winter School for Women in AIML & Computational Biology

Certificate Program on - Infectious Disease Modeling, March - November 2024

The Centre for Excellence in Mathematical Biology (CEMB) conducted a nine-month online certificate program on "Infectious Disease Modeling" from March to November 2024. The program featured nine modules, each led by experts from premier institutions such as NIT Warangal, IIT Indore, CURAJ, IITM Gwalior, IIT Roorkee, IISc Bengaluru, IIT Kanpur, and SSSIHL. The Modules spanned foundational concepts, advanced modeling techniques, and data analysis using tools like Mathematica. The course emphasized ethical research practices and effective scientific communication, ensuring responsible and impactful applications of disease modeling.

Faculty Development Program (FDP) on - Advances in Mathematical Modeling Techniques, AI/ML and Bioinformatics, July 8 - 15, 2024

The Centre for Excellence in Mathematical Biology (CEMB) organized an eight-day online Faculty Development Program on "Dynamical Systems & Optimal Control Theory, AI/ML and Bioinformatics with Applications to Healthcare" from 8 - 15 July, 2024. This unique interdisciplinary FDP seamlessly blended Mathematics, Artificial Intelligence/Machine Learning (AI/ML), and Bioinformatics, with a primary focus on their applications in healthcare and was designed to provide a comprehensive understanding of these fields through both theoretical discussions and hands-on sessions.

Faculty Achievements

Academic Honours and Invitations

- Dr. D. K. K. Vamsi was invited as an invited speaker at the "International Conference on Applicable Analysis and Its Applications (ICAAA-2025)" by the Department of Mathematical Sciences, Baba Ghulam Shah Badshah University, Rajouri, JKUT, (May 15 - 17, 2025).
- Dr. D. K. K. Vamsi was invited as an invited speaker at the "National Workshop on Modeling of Infectious Disease Dynamics (NWMIDD - 2025)" by the Department of Mathematics, Central University of Rajasthan, (February 24 - 28, 2025).
- Dr. D. K. K. Vamsi was invited as an invited speaker at the "7th International Conference on Frontiers in Industrial and Applied Mathematics (FIAM - 2024)" by the Department of Mathematics and Statistics, Central University of Punjab in collaboration with North-Eastern Hill University, (November 13 - 14, 2024).

Research Areas

Ecological & Infectious Disease Modeling

This research in Ecological & Infectious Disease Modeling combines deterministic and stochastic approaches to study complex biological systems, focusing on additional food-provided predator-prey interactions and multi-scale disease dynamics. Using probabilistic, data-driven models integrated with real-world data, we capture biological variability and randomness to improve predictive accuracy. This interdisciplinary work bridges mathematical modeling and empirical data, enhancing understanding of biological mechanisms and responses across scales to environmental and epidemiological changes.

Sri Sathya Sai Centre for Sustainable Development (SSSCSD)

Academic Engagements

Environmental Sustainability Initiatives by the Eco Einsteins Club, Nandigiri Campus, July 16, 2025

The Eco Einsteins Club at Nandigiri Campus actively promotes environmental sustainability through impactful initiatives. Students lead waste segregation with custom-designed bins, weekly waste collection, and campus clean-up drives. Plogging activities combine fitness with litter removal, while campaigns encourage

water recycling, electricity conservation, and the use of paper bags over plastic. Educational seminars and workshops further raise awareness on waste management and green practices, reflecting the club's commitment to fostering eco-consciousness and supporting the institution's sustainability mission.

Talk on - Vedic Ways of Life for Sustainability, February 8, 2025

On 8 February 2025, Sri Shyamal Ghosh and Smt. Shyamali Ghosh spoke at the Anantapur Campus on "Vedic Ways of Life for Maintaining Sustainability." Addressing faculty, students, and research scholars, they linked Vedic wisdom to tackling pollution, ozone depletion, and deforestation, advocating practices like mantra chanting and Yagnas for ecological balance, inspiring mindful living and collective action for a sustainable future.

Sustainability Week 2024 at SSSIHL, Brindavan, December 12 - 18, 2024

Sustainability Week 2024 (December 12-18) at the Brindavan Campus, featured the S.A.I. Ultramarathon, recycling bin installations, eco-awareness talks, and green innovations by the Eco-Einsteins Club. Guided by Swami's teachings and the UN SDGs, the event fostered waste management, energy conservation, and spiritual responsibility for a sustainable future. The week inspired a collective shift towards sustainable living, emphasizing individual responsibility and spiritual duty in preserving the planet for future generations.



Swachhata Hi Seva 2024 - Campus Cleaning Drive, October 2, 2024

On 2 October 2024, the Green Cell of the Anantapur Campus led a two-hour "Swachhata Hi Seva" cleanliness drive. Guided by safety briefings, 20 student volunteers collected and segregated plastic, paper, and other waste into recyclable and non-recyclable categories, leaving the campus cleaner while reinforcing waste management awareness and collective responsibility for a green, sustainable environment.



Awareness Program on Waste Management and Waste Segregation

Awareness Program on - Waste Management and Segregation, September 29, 2024

On 29 September 2024, the Green Cell of the Anantapur Campus held a 40-minute Awareness Program on "Waste Management and Segregation" for 530 students. G. Hiranmayi highlighted the 3Rs-Reduce, Reuse, Recycle – and stressed proper segregation into dry, wet, and reject waste. The session fostered ideas for campus sustainability and inspired collective action toward responsible waste practices.



Peepal Tree Transplantation

Peepal Tree Transplantation Event, September 13, 2024

On 13 September 2024, the Green Cell of the Anantapur Campus, with Green Army NGO, transplanted a 30-year-old Peepal tree, "Pratheeksha," to safeguard both structure and tree. 35 students, faculty, staff, and volunteers joined the event, marked by Vriksha Pooja, bhajans, and the Ashwatha Vruksha Stotram, reflecting the campus's commitment to environmental stewardship and collaborative sustainability.

Chetna Lecture Series, September 11, 2024



Chetna Lecture Series

On 11 September 2024, the Anantapur Campus hosted the UGC's Chetna Lecture Series under Swachhata Pakhwada. Speaker P. Narahari addressed "Clean Campuses and Cities," sharing solutions like waste segregation, NGO collaboration, and Indore's model success. Attended by 35 students, including Green Cell members, the session ended with brainstorming for a bin-free campus, inspiring sustainable practices and environmental responsibility.

National Students Paryavaran Competition (NSPC), August 17, 2024

On 17 August 2024, the Anantapur Campus hosted the National Students Paryavaran Competition (NSPC) 2024, supported by the Ministries of Environment, Forest & Climate Change and Education. 135 first-year undergraduates joined a plantation

drive, boosting campus greenery, while 111 students participated in an online environmental quiz. Blending practical action with knowledge-building, the event deepened awareness, fostered responsibility, and inspired lasting commitment to sustainability and conservation.



'Ananta Premataru' - Tree Plantation Drive

Tree Plantation Drive - Ananta Premataru, August 15, 2024

On 15 August 2024, the Sai Harita Sena, Green Cell of the Anantapur Campus, held Ananta Premataru under the "Ek Ped Maa Ke Naam" campaign, part of the PM's Plant4Mother initiative. 25 students and 15 faculty planted 70 saplings, blending environmental stewardship with patriotic spirit, fostering community unity and a commitment to a greener future on Independence Day. The saplings included a diverse range of native species, chosen for their adaptability and contribution to the local ecosystem.



Tree Plantation Drive

Green Odyssey: An Eco Explorer Walk, July 6, 2024

On 6 July 2024, the Anantapur Campus hosted Green Odyssey: An Eco Explorer Walk led by Director Prof. Rani P. L., with faculty and fourteen research scholars. The walk explored water bodies, vibrant flora, and scenic trails, blending nature appreciation with bhajan-antakshari and dance, fostering relaxation, reflection, and a deeper bond with the environment.

Innovation and Entrepreneurship

SSSIHL – Institution's Innovation Council (IIC)

Academic Engagements



SparkLab 1.0 – Incubation Training Program

SparkLab 1.0, May 6 - June 28, 2025

The Institution's Innovation Council at SSSIHL hosted "SparkLab 1.0," an 8-week startup (6 May to 28 June 2025), incubation training program powered by the Sri Sathya Sai Research and Innovation Foundation. The program featured 27 sessions by experts including - Sri Ravi Kanth Jagarlapudi, Sri Sree Rama Murthy Garuda, Ms. Sudiptaa Paul Choudhury, Dr. Inv. Shivakiran Makam, Dr. AVR Mahadev, Dr. Ram Ramdas, Sri Ganeshkumar L, Sri Dangeti Srinivas, Sri Dharmesh Chitroda, Sri Mohammad Hussain Nagaria, Sri Viswas Polepalli, Sri Sathya Pramod, Sri Somasundaram Lakshminarasimhan, Dr. Abhishek Sharma, Sri NLS Murthy, and Ms. Sai Sudha Nunna. It covered the full venture journey from ideation to market concluding with a valedictory which saw 22 startup pitches, with 4 securing commitments and ₹1.5 crore pledged.

Workshop on - Attracting Investments for Research and Innovation, April 25, 2025

A one-day workshop on "Attracting Investments for Research and Innovation" was hosted on 25 April 2025, by SSSIHL-IIC at the Prasanthi Nilayam Campus. Dr. Anand Govindaluri, Founder & CEO of Govin Capital, led sessions on venture funding, investor engagement, and social/scientific innovation. Faculty and scholars pitched ideas in a "One-slide Presentation," gaining feedback and investor interest.

Technology Readiness Levels (TRL) by Sri NLS Murthy, Country Leader at Greenway Health India, March 22, 2025

Sri NLS Murthy, alumnus and Country Leader at Greenway Health India, delivered a seminar on Technology Readiness Levels (TRL)

at the Brindavan Campus on 22 March 2025. He explained the 9-level NASA framework, its role in innovation planning, risk management, and regulatory compliance, with examples like AI cancer detection and wearable health tech, highlighting TRL's value in guiding validated startup incubation.

Talk on – Biosensor-Based Dairy Safety by Dr. Naresh Kumar, March 6, 2025

Dr. Naresh Kumar, Principal Scientist at ICAR-NDRI, delivered a talk on 6 March 2025, at SSSIHL on biosensor-based dairy safety. He showcased rapid, affordable tests for detecting milk contaminants and urged academic-industry collaboration, inspiring student research and entrepreneurship in food safety.

Innovation & Ideation with Sri Manish Rastogi, Founder & Managing Partner of Healthcare Continuum, February 15, 2025

Sri Manish Rastogi, Founder & Managing Partner of Healthcare Continuum, delivered an engaging talk on innovation and ideation, on 15 February 2025. He shared his entrepreneurial journey, highlighted spotting opportunities in everyday challenges, and introduced structured ideation techniques, inspiring aspiring innovators to think critically and develop impactful, solution-driven ideas.

Awareness Programme on - RUDSETI and RSETI, February 10, 2025

The Anantapur Campus hosted an awareness programme on Rural Self Employment Training Institutes (RSETI) and Rural Development and Self Employment Training Institute, (RUDSETI), on 10 February 2025, highlighting training opportunities for rural youth and women in self-employment and entrepreneurship with a special focus on vocational, agro-based, and business programs. The event showcased handloom products crafted by the rural women, and reinforced SSSIHL's commitment to rural upliftment and inclusive growth in alignment with its vision of holistic societal development.

SSSIHL-IIC's Outreach program and Campus Extension Activity - Rural Women Empowerment, February 5, 2025

SSSIHL-IIC's outreach program "Rural Women: Building Business Dreams" at RUDSETI, Anantapur, on 5 February 2025, mentored 25 aspiring women entrepreneurs, guiding them on business ideation, financial planning, marketing strategies, and accessing microloans. Coordinated by Dr. (Mrs.) N. Jayaprada, with the support of M.B.A. and B.Ed. students', the program resulted in fostering confidence, entrepreneurial skills, and mutual learning for women empowerment and community upliftment.

National Startup Day Celebrations, January 15, 2025



National Startup Day Celebrations



National Startup Day Celebrations

SSSIHL-IIC celebrated “National Startup Day” at Prasanthi Nilayam Campus, on 15 January 2025, bringing together entrepreneurs, researchers, and students. Talks stressed honesty, adaptability, and innovation, while research showcased advances in COVID detection, cancer diagnostics, energy storage, and sustainability. A panel discussed funding and scaling, and the Vice-Chancellor emphasized health, education, and innovation, reaffirming SSSIHL’s commitment to value-driven entrepreneurship.

Talk on – AI / GenAI: Last Mile Challenges and IP Opportunities, December 28, 2024

Dr. Sainarayanan Gopalakrishnan delivered a talk on “AI / GenAI-Last Mile Challenges and IP Opportunities” to 100+ participants on 28 December 2024. He addressed deployment issues like reliability, scalability, and data quality, and outlined IP strategies—patents, copyrights, and legal frameworks – for safeguarding AI innovations.

Talk on – Story from a Successful Entrepreneur, December 21, 2024

Sri MCV Prasad, Founder of Prakruthivanam, addressed SSSIHL on sustainable rural entrepreneurship on 21 Dec 2024. He shared his journey in organic farming, millet cultivation, native seeds, and water conservation, inspiring students to pursue socially impactful, value-driven ventures. The session, held at the Prasanthi Nilayam Campus and livestreamed, sparked rich discussions on indigenous practices and sustainable innovation.

Sustainability Week Celebrations, December 14 - 16, 2024

The Dept. of Food and Nutritional Sciences marked “Sustainability Week” with talks, discussions, audits, and creative activities on 14 & 16 December 2024. Covering topics from Bhagavan Sri Sathya

Sai Baba’s “Ceiling on Desires” to food waste management, energy conservation, and campus greening, the event inspired eco-friendly habits and collective responsibility for sustainable living.

Innovative Solutions for Wireless Communication: 1G to 6G with ORAN, December 14, 2024

SSSIHL-IIC hosted Sri Srinivas Gudla, CTO & Co-founder of Open RAN Development Company, on 14 December 2024, for a session on “1G to 6G with ORAN” at Prasanthi Nilayam Campus. M.Sc. and M.Tech students explored wireless evolution, Open RAN, and AI/ML trends, shared project ideas, and gained internship opportunities, fostering industry links and next-gen innovation.

Workshop on – Idea to Business Development, November 19, 2024

SSSIHL-IIC and Green Cell hosted an “Idea to Business Development” workshop at MMLC for M.B.A., B.B.A., and UG students on 19 November 2024. Teams developed concepts like Water Seer, bioplastics, coconut peat, and indigenous sensors, guided by faculty mentors. The session promoted innovation, collaboration, and practical application of sustainable business ideas.

Innovation and Entrepreneurship in English Studies – II, October 16, 2024



Sri Venkatraman Krishnamurthy, British Council Ambassador, session on – Innovation and Entrepreneurship in English Studies

The Department of Languages and Literature - English, Anantapur Campus, in collaboration with the Institution’s Innovation Council, organised the second event in the “Innovation and Entrepreneurship in English Studies” orientation series. The resource person Sri Venkatraman Krishnamurthy, British Council Ambassador, highlighted the importance of English in education, employability, and entrepreneurship, emphasising communication skills and relevant job competencies for English graduates. The session detailed the Aptis test structure and preparation strategies, aiming to boost students’ English proficiency for academic, professional, and personal growth.

Career Guidance Program, September 21, 2024

Mrs. Phani Keerthi Y, Global Mobilization Manager at Accenture, led a “Career Guidance Program” at the Anantapur Campus on 21 September 2024, for 30 chemistry students. She shared insights on careers in research, education, and industry, offering practical advice, personal experiences, and essential skills for success, bridging academic learning with professional opportunities.

Bridging Theory and Practice - Insights into Venture Capital and Business Strategy, August 31, September 14 & 21, 2024

Sri Sanjeev Yamsani, SSSIHL alumnus and venture capitalist, led a three-part workshop (31 August, 14 & 21 September 2024) for B.Com. students on venture capital, business models, sustainable moats, and technology. Using case studies like HDFC, Aadhaar, and UPI, he bridged theory with practice, inspiring entrepreneurial thinking, risk-taking, and continuous learning.

Empowering Budding Managers Through Innovation, August 22 - 24, 2024

The UCOM-507 Commerce Workshop held from 22-24 August 2024, featured alumnus Harshavardhan Gaddalae on Generative AI, LinkedIn Mastery, and Lateral Thinking. Students explored AI tools, LinkedIn SEO strategies, and creative problem-solving techniques, gaining practical skills for modern business challenges.

Mastering the Technical Pitch: From Innovation to Commercialization, July 26, 2024

Dr. Palakodeti Ratnakar, VP-Healthcare & Life Sciences at Persistent Systems, delivered "Mastering the Technical Pitch" at SSSIHL on 26 July 2024. He outlined how to turn innovations into viable ventures, covering pitch design, patenting essentials, and investor expectations, equipping aspiring entrepreneurs with tools to move from idea to market.

Sri Sathya Sai Research and Innovation Foundation (SSSRIF)

A Section 8 Company of SSSIHL

Academic Engagements

SSSIHL-IIC Sparklab 1.0: Pitch Deck presentation and Investment Drive, June 28, 2025

The "Sparklab 1.0 Valedictory and Investment Pitch Deck" event was hosted at the Prasanthi Nilayam Campus on 28 June 2025. 22 startups presented their ideas, with 4 securing funding commitments. Investors pledged a total of ₹1.5 crore, marking a significant milestone in fostering innovation and entrepreneurship.

Onboarding of Incubates

Fostering Future Generations: Ghar Ghar Gurukul Enters SSSRIF Incubation, June 28, 2025

Sri Sathya Sai Research and Innovation Foundation (SSSRIF) welcomed G3 GenNext Pvt. Ltd., the parent company of Ghar Ghar Gurukul, into its incubation program on 28 June 2025. The agreement was formally signed between Mrs. Chetna Ajay Bedia, Founder of Ghar Ghar Gurukul, and Prof. Budihal Raghavendra Prasad, Chairman & Director, SSSRIF and Vice-Chancellor, SSSIHL. The ceremony was graced by the Hon'ble Chancellor Sri K. Chakravarthi (IAS Retd.), Dr. Srikanth Khanna, Registrar, SSSIHL, and Sri Pavan Kumar T.L., CEO, SSSRIF.



Onboarding of Ghar Ghar Gurukul

With the vision of transforming every home into a Gurukul, Ghar Ghar Gurukul empowers parents as first teachers and homes as the first schools. Through incubation, the startup will benefit from mentoring, infrastructure support, and collaborative opportunities with SSSIHL faculty and researchers. Rooted in Indian culture and modern science, its mission is to nurture children from the womb through love, discipline, and holistic development, fostering resilient, joyful, and purpose-driven individuals.

Confido APAC Onboards with SSSRIF to Drive Global Corporate Advisory Innovation, June 28, 2025



Onboarding of Confido APAC

Sri Sathya Sai Research and Innovation Foundation (SSSRIF) welcomed Confido APAC Consultancy Services Pvt. Ltd. to the incubation ecosystem on 28 June 2025. Led by Mrs. KSR Lakshmi Madhuri, Confido offers end-to-end Corporate Advisory and Business Life-Cycle Management services to clients worldwide, with a bold vision to be among the Top 100 women-led ITes firms in Andhra Pradesh in the next five years.

The incubation agreement was formally signed between: Mrs. KSR Lakshmi Madhuri, Founder & Director, Confido APAC and Prof. B Raghavendra Prasad, Chairman & Director, SSSRIF and Vice-Chancellor, SSSIHL. The ceremony was graced by Sri K. Chakravarthi (IAS Retd.), Hon'ble Chancellor, SSSIHL, Dr. Srikanth Khanna, Registrar, SSSIHL, and Sri Pavan Kumar T. L., CEO, SSSRIF.

SSSRIF Onboards Shroom Technologies LLP as BioTech Incubatee, June 19, 2025

Sri Sathya Sai Research and Innovation Foundation (SSSRIF) welcomed Shroom Technologies LLP, a biotechnology startup, into its incubation program on 19 June 2025. The agreement was





MoU with Sai Dharshini S, Founder & CEO Saimeethya Foods Pvt. Ltd.

formally signed and exchanged between Sri Prithviraj Jayakumar, Designated Partner, Shroom Technologies, and Prof. B. Raghavendra Prasad, Chairman & Director, SSSRIF. The ceremony was graced by Prof. Pallav Kumar Baruah, Dean - Innovation & Entrepreneurship & President, Institution's Innovation Council; Sri Pavan Kumar T.L., CEO, SSSRIF; and Sri Venkataramanan Srinivasan, Company Secretary.



Onboarding of Shroom Technologies LLP

As part of the incubation, Shroom Technologies will be provided shared working spaces, dedicated office and lab facilities, and access to the robust R&D ecosystem of Sri Sathya Sai Institute of Higher Learning (SSSIHL). This collaboration will support the startup's focus on probiotic research and precision mushroom cultivation to deliver potent, bioavailable products for gut and cognitive health. With this onboarding, SSSRIF reinforces its mission of nurturing deep-tech, biotech, and health-tech ventures that drive societal impact through values-based innovation.

Millets meet Mission - SSSIHL Alumna Leads SSSRIF's First Incubated Start-up, May 28, 2025

On 28 May 2025, the Sri Sathya Sai Research and Innovation Foundation (SSSRIF) incubated its first start-up, Saimeethya Foods Pvt. Ltd., founded by SSSIHL alumna Dr. Sai Dharshini S (Food & Nutrition, Anantapur Campus). The venture develops millet-based, ready-to-eat foods, validated for nutrition and shelf stability by the Department of Food & Nutritional Sciences, SSSIHL. By transforming under-utilised millets into convenient, tasty, and wholesome options, Saimeethya promotes health, sustainability, and Sai values. The incubation agreement was formally exchanged at Prasanthi Nilayam in the divine presence of the Founder Chancellor, marking a milestone in SSSRIF's vision to nurture ventures that serve society while upholding values.

Achievements

Awards and Recognitions

- Ms. Sai Dharshini, Founder-Director of M/s Sai Meethya Foods Pvt. Ltd., received "₹5 lakh seed capital" on 28 June 2025 during the SSSIHL IIC Sparklab 1.0 physical immersion at the Prasanthi Nilayam Campus. She earned this investment for her proprietary Millet Muesli and other value-added products, aimed at offering gluten-free, sustainable, water-efficient crop-based food alternatives, blending culinary innovation with a strong public health mission (June 28, 2025).
- Mrs. Subraveti Gayathri Devi, Managing Partner of Sai Gayathri Foods, incubated at SSSRIF-SSSIHL, won the "DAC: Startup Business Sustainability Innovation Award 2025" at Hotel Lalit Ashok, Bengaluru, for pioneering the first-ever Tomato Chutney Powder. Her venture supports distressed tomato farmers in Sri Sathya Sai District by providing stable markets during price crashes. Enabled by SSSRIF's mentorship and resources, this achievement exemplifies how innovation and compassion can create lasting social impact (2025).

Central Research Instruments Facility (CRIF)



SSSIHL Central Research Instruments Facility (CRIF), based at the Prasanthi Nilayam Campus, is one of the few such facilities in the country (and the first in a rural location) that houses advanced Characterization/Analytical tools to carry out translational research in various areas of science and technology such as physical, biological, chemical, materials science, food, nutrition and also computational and interdisciplinary areas.

The facility, built with a funding of ₹45 Crores with the support of Sri Sathya Sai Central Trust, hosts a range of cutting-edge instruments and laboratories. It has significantly strengthened the research facilities at SSSIHL by providing state-of-the-art infrastructural facilities under a single roof.

This has allowed faculty, post-doctoral fellows, doctoral students, and postgraduate students at the Institute to accelerate their research work in all the major research areas of the Faculty of Sciences – Health, Energy, and Environment. It enables them to keep pace with the scientific developments taking place globally, and as a result, their research findings are being published in peer-reviewed high-impact journals. These concerted efforts to conduct research in cutting-edge areas of Science and Technology help contribute to the needs of society at large. Full-time technical assistants with specific expertise operate and maintain the instruments and laboratories.

SSSIHL CRIF facilitates the strengthening of interdisciplinary health-related research collaborations between SSSIHL and Sri Sathya Sai Institute of Higher Medical Sciences (SSSIHMS). Some of these include Regenerative Medicine & Tissue Engineering,

Rapid Detection of Endemic Diseases, Diabetic Retinopathy, Development of Cost-Effective Multi-Modal Microscopes, SPCE-based Point of Care Devices, etc.

Core Facilities

The following core facilities at CRIF are shared resources, offering a range of services to the research community at SSSIHL:

- Femto Fab Facility
- Electron Microscope Facility
- NMR & Mass Spectrometry Facilities
- Materials Characterization Facility
- Powder X-ray Diffractometer
- Vibrating Sample Magnetometer
- Thermal and Optical Characterization Facilities
- Liquid Nitrogen Facility
- Central Utilities Facility
- Optical Imaging and Integration

Laboratories

In addition, CRIF hosts the following labs:

- Wet Chemistry Laboratories
- Functional Materials Laboratory
- Water Research and Electrochemistry
- Biosafety Laboratories: Level 1 and Level 2
- Functional Glasses and Ceramics Laboratory
- Nonlinear Optics Laboratory
- Computational Science and Plasmonics



New High-Performance Computing Infrastructure at CRIF: Science, Analytics & Innovation (SAI-HPC)



Sri Sathya Sai Institute of Higher Learning launched the Science, Analytics & Innovation with High Performance Computing (SAI-HPC) facility at the Centre for Research, Innovation & Foundation (CRIF). Designed to bridge the gap between scientific ideas and impactful innovation, the SAI-HPC empowers researchers with state-of-the-art computational resources for cutting-edge studies in science, healthcare, and technology.

The upgraded infrastructure offers 942+ TFLOPS of compute power, driven by NVIDIA H200 series GPUs and high-performance CPUs, supported by a 520+ TB Synology NAS (expandable to 1.2 PB), 100G Cisco Catalyst networking, and Vertiv Smart Row precision cooling for uninterrupted efficiency. With applications spanning data analytics, deep learning, medical imaging, molecular dynamics, quantum computing, and protein structure determination, SAI-HPC already supports research in dendrimer interactions (Physics), novel material design (Chemistry), protein structures (Biosciences), and advanced neural networks (Mathematics & Computer Science).

This facility reinforces SSSIHL's commitment to advancing interdisciplinary research with global impact.



Dr. A Velumani, Founder, Thyrocare



Dr. Dharmasthala Veerendra Heggade at CRIF



Visit of NIPER Director Prof Shailendra Saraf



Workshop on cryo-EM, by Dr. Tofayel Ahmed, SINP



Raman Microscope



Ferroelectric-Converse-Piezoelectric-Tester



Low-temperature-Raman-Photoluminescence-set-up



Gas-Chromatography-Mass-Spectrometer-QP2010-SE-6



Agilent 6490 iFunnel MS/MS TripleQuad

Central Research Laboratory (CRL)



Central Research Laboratory (CRL) is located at the Anantapur Campus of Sri Sathya Sai Institute of Higher Learning and is custom-designed to cater to the research aspirations of its faculty and students. Inaugurated in August 2019, CRL houses laboratories for Wet Chemistry, Material Synthesis, and Characterization.

Based on the guidelines laid down by the Founder-Chancellor, Sri Sathya Sai Baba, the research activities at the Sri Sathya Sai Institute of Higher Learning are pervasively translational, socially relevant, and intended to have a rural reach. The research work in which the faculty and students are involved encompasses three broad areas: Health, Environment, and Energy. CRL is intended

to be extensively used by postgraduate and doctoral students, as well as the faculty of the campus. The following core facilities and laboratories are the shared resources of the research community at the Anantapur Campus of the SSSIHL

- Wet Chemistry Laboratories
- Materials Synthesis Facility
- High Temperature Facility
- Characterization Facility

In addition, researchers will also have access to the SSSIHL Central Research Instruments Facility (CRIF), based at the Prasanthi Nilayam Campus.



"In the field of science today, there is great emphasis on research and discovery. But, unless the results of research are applied in practice, it will be an expensive futility. If all the time is spent on research, when is it to find useful applications in practice? Nor is there any sense of discrimination in the promotion of research... Those engaged in research seem to be more concerned about boosting their name and fame by their research than about promoting public well-being through the results of their research. Nor do they seem to be bothered about the harmful consequences of their discoveries... The scientific knowledge we acquire must be used for the benefit of our fellowmen."

Bhagawan Sri Sathya Sai Baba, Revered Founder Chancellor

Collaborations and MoUs

In 2024-25, Sri Sathya Sai Institute of Higher Learning further strengthened its academic, research, and industry engagements through over 20 new collaborations and MoUs, complementing existing and ongoing academic (65) and industry (22) partnerships:

SSSIHL, SSSRIF & SSSIHMS Join Hands to Advance Healthcare Innovation

On 16 June 2025, Sri Sathya Sai Institute of Higher Learning, Sri Sathya Sai Research and Innovation Foundation (SSSRIF), and Sri Sathya Sai Institute of Higher Medical Sciences, Whitefield (SSSIHMS-WFD) signed a Memorandum of Understanding (MoU) to foster joint research, innovation, and incubation in healthcare. The MoU was exchanged between Dr. Srikanth Khanna, Registrar, SSSIHL, Dr. Sundares D C, Director, SSSIHMS, Whitefield and Sri T.L. Pavan Kumar, CEO, SSSRIF.

The collaboration aims to design projects addressing pressing healthcare challenges, promote technology adoption, and extend incubation opportunities to entrepreneurs, startups, and SSSIHMS employees. SSSIHL will provide state-of-the-art incubation space, certified anonymization processes for patient data, and actively involve students in research for experiential learning. SSSIHMS-WFD will contribute anonymized clinical data, access to experts, and validation support for healthcare technologies, while ensuring compliance with ethical and legal standards. Joint initiatives will include academic programs, collaborative research in AI-driven healthcare solutions, handwriting recognition for clinical records, and medical transcription technologies. This partnership strengthens the ecosystem of innovation and entrepreneurship, with shared responsibility for advancing healthcare delivery and training future professionals.

SSSIHL Partners with FABA to Empower Biotech Innovators

Sri Sathya Sai Institute of Higher Learning entered into a strategic collaboration with the Federation of Asian Biotech Associations (FABA) to empower students in biotechnology and life sciences. An MoU was signed on 13 June 2025 at the ASPIRE-BioNEST facility, University of Hyderabad, between Dr. Srikanth Khanna, Registrar, SSSIHL, and Dr. Ratnakar Palakodeti, Secretary, FABA.



MoU with Federation of Asian Biotech Associations (FABA)

The signing ceremony was graced by Prof. Reddanna, Executive President, FABA, and Dr. Jagadeesh Gandla, Chief Operating Officer, FABA. Representing SSSIHL were Prof. Raghavendra Prasad, Vice Chancellor; Prof. Pallav Kumar Baruah, Dean, Innovation & Entrepreneurship & President, Institution's Innovation Council; Dr. B.E. Pradeep, Department of Biosciences; Sri Lakshmi Narasimhiah, Finance Officer; Sri T.L. Pavan Kumar, CEO, Sri Sathya Sai Research and Innovation Foundation; and Sri Kotikala Krishnamurthy, Member, Finance Committee.

The collaboration will establish Biotech Finishing School programs at the Prasanthi Nilayam Campus, offering hands-on training, exposure to industry trends, and career readiness, blending values-based education with cutting-edge skill development.

SSSIHL and ASPIRE Partner to Build a Values-Based Innovation Ecosystem

Sri Sathya Sai Institute of Higher Learning signed a strategic MoU with the Association for Scientific Pursuits for Innovative Research Enterprises (ASPIRE), University of Hyderabad, on 13 June 2025 at ASPIRE BioNEST, to support the operationalization of the Sri Sathya Sai Research and Innovation Foundation (SSSRIF) and to establish a robust startup incubation ecosystem at the Institute. The MoU was signed by Dr. Srikanth Khanna, Registrar, SSSIHL, and Prof. Samrat L. Sabat, Director, R&D Cell, University of Hyderabad.



MoU with Association for Scientific Pursuits for Innovative Research Enterprises (ASPIRE)

The signing ceremony was graced by Prof. Reddanna, Founder Director, ASPIRE and Executive President, FABA; Dr. P. Ratnakar, PAC Member, ASPIRE BioNEST; and Dr. Ramakrishna, CEO, TIDE & TBI, Prof. B. Raghavendra Prasad, Vice Chancellor; Prof. Pallav Kumar Baruah, Dean - Innovation & Entrepreneurship & President, Institution's Innovation Council; Sri Lakshmi Narasimhiah, Finance Officer; Dr. B.E. Pradeep, Department of Biosciences; Sri T.L. Pavan Kumar, CEO, SSSRIF; and Sri Kotikala Krishnamurthy, Member, Finance Committee.

The partnership will foster knowledge exchange, startup acceleration, and industry engagement, strengthening values-based innovation in deep-tech, biotech, and health-tech ventures.

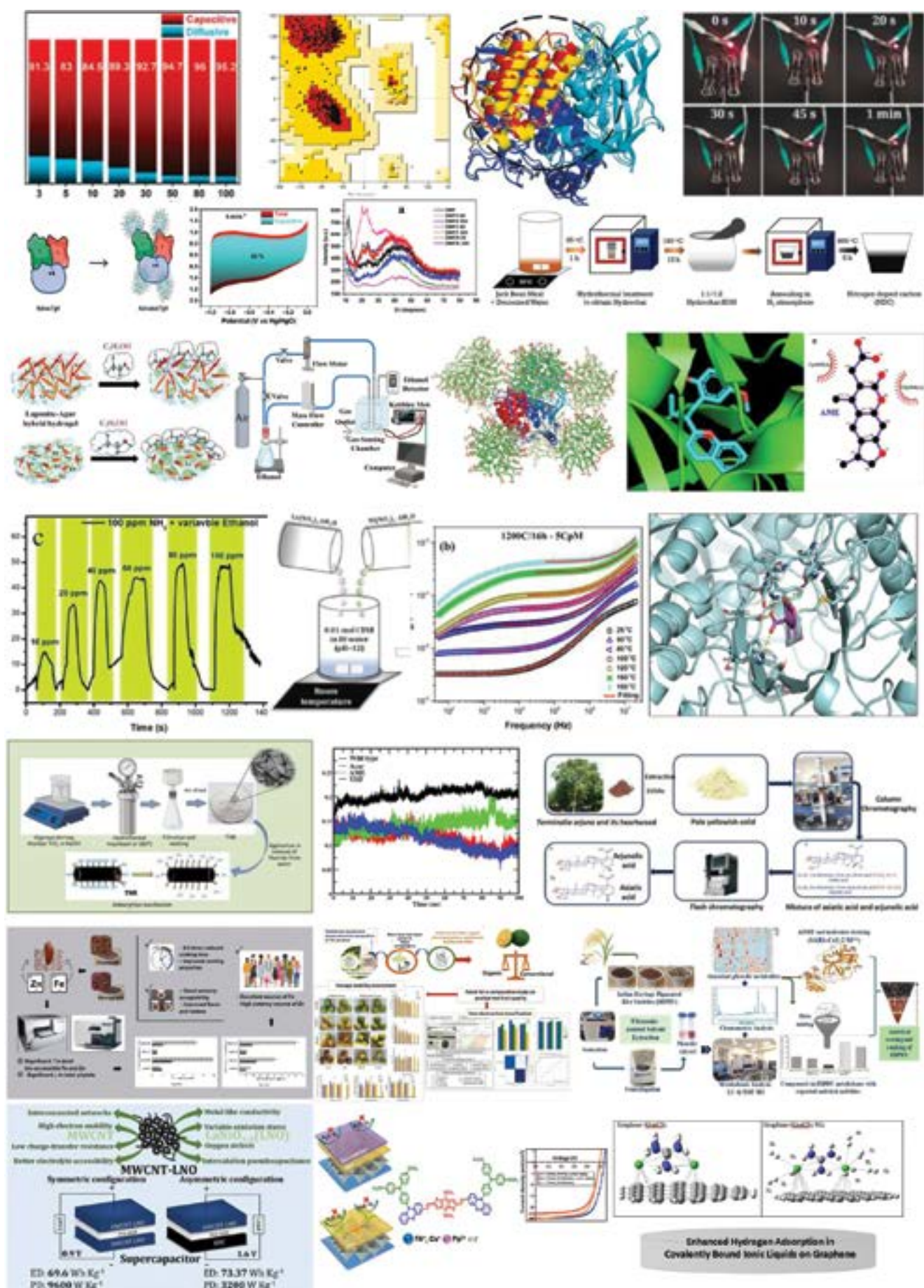
SSSIHL and Promea Therapeutics Sign MoU to Advance Healthcare Innovation

Sri Sathya Sai Institute of Higher Learning signed a strategic MoU with Promea Therapeutics Pvt. Ltd. on 13 June 2025, marking a significant step in strengthening industry-academia collaboration in healthcare and life sciences. The MoU was exchanged by Dr. Srikanth Khanna, Registrar, SSSIHL, and Sri Gopi Lekkala, Director, Promea Therapeutics.



MoU Promea Therapeutics Pvt. Ltd.





The collaboration focuses on industry-integrated training and research, joint projects in diagnostics, biosimilars, and therapeutics, sponsored doctoral programs, access to shared research infrastructure (CRIF), innovation-to-commercialization pathways, and enhanced career development and placements.

The signing ceremony was graced by Prof. B. Raghavendra Prasad, Vice Chancellor, SSSIHL; Prof. Reddanna Pallu, Executive President, FABA; Prof. Pallav Kumar Baruah, Dean - Innovation & Entrepreneurship & President, Institution's Innovation Council; and Dr. B.E. Pradeep, Department of Biosciences, SSSIHL. This collaboration reaffirms SSSIHL's commitment to values-based education and impactful translational research.

SSSIHL and Virchow Biotech Forge Strategic Partnership

Sri Sathya Sai Institute of Higher Learning signed a Memorandum of Understanding with Virchow Biotech Pvt. Ltd., a global leader in the biopharmaceutical industry, to strengthen industry-academia collaboration in life sciences and biotechnology. The MoU was formally signed by Dr. Murali Tummuru, Managing Director, Virchow Biotech Pvt. Ltd., and Dr. Srikanth Khanna, Registrar, SSSIHL on 13 June 2025.



MoU with Virchow Biotech Pvt. Ltd

The collaboration will focus on industry-sponsored research and PhD programs, joint R&D in biosciences and biotechnology, hands-on training and placements for students, shared access to advanced research infrastructure, and innovation-driven technology development and commercialization. The signing ceremony was graced by Prof. B. Raghavendra Prasad, Vice Chancellor, SSSIHL; Prof. Pallu Reddanna, Executive President, FABA; Prof. Pallav Kumar Baruah, Dean - Innovation & Entrepreneurship and President, Institution's Innovation Council, SSSIHL; and Dr. B.E. Pradeep, Department of Biosciences, SSSIHL.

SSSIHL Partners with CSIR-CFTRI, Mysore, for Sustainable Food Solutions and Research Excellence

Sri Sathya Sai Institute of Higher Learning signed an MOU with the Central Food Technological Research Institute (CSIR), Mysore in June 2025, to collaborate on joint research ventures for food product development with value addition, processing or developing alternative food materials, sustainable packaging solutions, characterization of food materials and effective labelling techniques. Collaboration will also involve joint research projects, seminars, workshops and student internships. The MOU was signed by Dr. Srikanth Khanna, Registrar of SSSIHL and Dr. Sridevi Annapurna Singh, Director, CSIR, CFTRI, Mysore.

Indo-Japanese Delegation Visits SSSIHL to Explore Research and Academic Collaborations

On 3 April, Sri Sathya Sai Institute of Higher Learning welcomed an Indo-Japanese delegation to its Prasanthi Nilayam Campus, led by H.E. Sri ONO Keiichi, Ambassador of Japan to India and Bhutan, along with Sri Nakada Yosuke Second Secretary (Cultural), Embassy of Japan, Sri Sanjay Kumar Verma (Former Ambassador of India to Japan) with Mrs. Gunjan Verma, Sri Ashok Ahuja, and Sri Ali. Received by Vice-Chancellor Prof. B. Raghavendra Prasad and senior leadership, the delegation toured the Central Research Instruments Facility (CRIF) and the campus, reviewed ongoing research, and explored future academic and scientific collaborations



Indo-Japanese Delegation led by Ambassador, H.E. Mr. ONO Keiichi, Ambassador

SSSIHL Forges a Transformational Partnership for Education, Research, and Social Impact with Sri Sathya Sai Seva Organisation (India)

On 25 February 2025, Sri Sathya Sai Institute of Higher Learning and Sri Sathya Sai Seva Organisations (SSSSO) signed a Memorandum of Understanding (MoU) at Prasanthi Nilayam, marking a significant collaboration in education, research, and social impact initiatives. This partnership focuses on key areas such as socio-economic research, healthcare, rural microfinance, leadership programs, faculty development, internships, and entrepreneurship training, fostering holistic development and societal transformation.



MoU with Sri Sathya Sai Seva Organisation (India)

The MoU was exchanged between Sri Nimish Pandya, All India President, SSSSO, Prof. B Raghavendra Prasad, Vice-Chancellor, SSSIHL, and Dr. Srikanth Khanna, Registrar, SSSIHL. The Zonal Presidents, Conveners, and members of the organizing team of the Sri Sathya Sai National Leadership Programme for Self-transformation of SSSSO were also present at the event.

Collaborators

Academia & Research

- AIIMS, Delhi
- All-India Institute of Speech and Hearing (AIISH), India
- Avinashilingam University, Coimbatore
- Bhabha Atomic Research Center, Mumbai
- Brains Super Speciality hospital, Bengaluru
- Centre for Cellular & Molecular Biology, Hyderabad
- Center for Research and Conservation of Indian Horseshoe Crabs (CRCIHSC), Fakir Mohan University, Balasore, Odisha
- Central Food Technological Research Institute, Mysore
- Centre for Cellular and Molecular Biology, CSIR, Hyderabad
- The Cochin College, Kochi
- CSIR - CECRI, Karaikudi, Tamil Nadu
- CSIR-IMMT, Bhubhaneshwar, Odisha
- CSIR-National Aerospace Laboratories, Bengaluru
- CSIR-National Institute for Interdisciplinary Science and Technology, Trivandrum
- Department of Chemical Engineering, IIT Madras
- Department of Environmental Microbiology, Babasaheb Bhimrao Ambedkar University
- Dr. Reddy's Institute of Life Sciences, Hyderabad
- Friedrich - Alexander University, Germany
- Guru Gobind Singh Indraprastha University, Delhi
- IBAB, Bengaluru
- IISER, Berhampur
- IISC, Bengaluru
- IIT Guwahati
- IIT Bombay
- IIT Kharagpur
- IIT Madras
- Japan Advanced Institute of Science and Technology, Japan
- King Saud University, Saudi Arabia
- LV Prasad Institute, Hyderabad
- Malabar Cancer Center, Thalassery, Kerala
- MGMARI-Sree Balaji Vidyapeeth, Pondicherry
- Nanocatalysis and Solar Fuels Research Laboratory, Yogi Vemana University, Kadapa
- Nano-materials Lab, Birla Institute of Technology and Science, Pilani K K Birla Goa Campus, Goa
- National Animal Resource Facility for Biomedical Research (NARFBR)

- National Institute of Pharmaceutical Education & Research, Hyderabad
- New Jersey Institute of Technology, USA
- NIPER, Hyderabad
- NIPER, Rae Bareilly
- Oak Ridge National Laboratory (ORNL), USA
- Raman Research Institute, Bengaluru
- Regional Centre for Biotechnology, Faridabad, Haryana
- SRM Institute of Science and Technology, Chennai
- Sri Sathya Sai Institute of Higher Medical Sciences, Prasanthigram, Puttaparthi
- Sri Sathya Sai Institute of Higher Medical Sciences, Whitefield, Bengaluru
- St. Joseph's college, Alapuzha
- TIFR Centre for Interdisciplinary Sciences (TCIS), Hyderabad
- Tuskegee University, USA,
- University of Johannesburg, South Africa
- University of Maryland, USA
- University of Melbourne, Australia
- Osnabruck University, Germany
- Xavier Research Foundation, Ahmedabad

Industry

- AJ Tech Research Lab, India
- Amway, India
- Biomoneta, India
- CodeTantra Tech Solutions Pvt. Ltd., India
- CogniEvolve AI Inc., Canada
- CrisprBits Pvt. Ltd., India
- Foundation for Innovation and Social Entrepreneurship (FISE), India
- HLL Lifecare Ltd., India
- INFLIBNET, India
- Insta Power Ltd., India
- Metaloga Inc., India
- Motherson Techno Tech Ltd., India
- SCIINV, Biosciences Pvt. Ltd.
- Shodh-Chakra, India
- Tata Memorial Centre, India
- Tech Actuarial, India
- Tranalab Pvt. Ltd., India
- Xheme Inc, USA



National / International Competitive Examinations

Students from across programs and campuses have qualified in several national and international competitive exams such as GATE (Graduate Aptitude Test in Engineering) | CSIR (Council of Scientific & Industrial Research) | JRF (Junior Research Fellowship) | NET (National Eligibility Test) | LS (Lectureship) | IIT JAM, and more in 2024/25.

GATE

- Dattatreya Parija (Chemistry)
- Yedu Krishna P (Data Science and Artificial Intelligence)
- Sumukha (Data Science and Artificial Intelligence)
- Vikram Krishna (Life Sciences)
- Harisri Narayan (Life Sciences)
- Ritu Raj Pradhan (Data Science and Artificial Intelligence)
- Sai Kulvanth (Data Science and Artificial Intelligence)
- Harisri Narayan (Chemistry)
- Naga Sai Sathvika Kodukula (Mathematics)
- Yedu Krishna P (Computer Science and Information Technology)
- C. Sai Kartheek (Data Science and Artificial Intelligence)
- Manoj Reddy (Data Science and Artificial Intelligence)
- Manoj Reddy (Computer Science and Information Technology)
- Vidyasager G R (Data Science and Artificial Intelligence)
- Abhinay Kumar (Computer Science and Information Technology)
- Vishwanath Saikiran Shetiya (Data Science and Artificial Intelligence)
- Sai Aditya (Life Sciences)
- Deva Narayana Babu (Computer Science and Information Technology)
- Chirag Sai (Computer Science and Information Technology)
- Anirudh (Data Science and Artificial Intelligence)
- Vignesh Sai Sankalp Sham (Data Science and Artificial Intelligence)
- Pranay Pradhan (Computer Science and Information Technology)
- Gandholi Sarat (Computer Science and Information Technology)
- Arindam Garain (Computer Science and Information Technology)
- K. Sharat (Computer Science and Information Technology)

UGC-CSIR-NET (LS)

- Norsang Tamang (Chemistry)

UGC-CSIR-NET (JRF)

- Dattatreya Parija (Chemistry)

UGC-NET (LS)

- T. Sai Gopal (Economics)
- B. Sai Harshitha (English)
- Pem Doma Sherpa (English)
- Meghana S Mandalappu (English)
- Bezawada Sree Sesha Sravanika (Home Science)

UGC-NET (Ph.D.)

- Swosty Trishna Mohanty (Home Science)
- Katam Veera Chaitanya Bhagavathi (Home Science)
- Adi Andhra Namrutha (Home Science)
- N. Meenalochani (Home Science)
- Bavatharani (Home Science)
- Noopur Gaur (Management)
- B. Sai Swaroop (Economics)
- Sathwik Nayak (Economics)

IIT JAM

- Harisri Narayan (Chemistry)
- Naga Sai Sathvika Kodukula (Mathematics)
- Parichay Baranwal (Physics)
- Pranav N (Physics)
- Puspa Kamal Rai (Physics)
- Sai Venkata Krishna Ala (Physics)
- Anuprabha Aravindan (Physics)

Scholarship

- Ms. Sake Archana and Ms. Riddhi Akula, first-year BS Biosciences students, have been awarded the Reliance Foundation Undergraduate Scholarship 2024 - 2025 and received their first-year fund allocation under this prestigious program.



International Examinations

List of students who took the national/international exams for Actuaries held by The Institute of Actuaries of India (IAI), The Casualty Actuarial Society (CAS) and Society of Actuaries (SOA) and qualified:

IAI

CSI (Actuarial Statistics)

- Loknath Reddy

SOA

Probability

- Varanasi Sai Sripad
- Ambekar Kiran Eshwar Sai
- Anand Sai
- Bhavanasi Mukund Bharadwaj
- Gonella S. G. S. S. Datta Maharaj
- Gorthipalli Hemanth Kumar
- Gummadila Tharakeswar Lakshmi Naga Sai
- Kolloju Virat Nath
- Kuncham Sai Chetan
- Marepalli Prem Sai
- Sai Atheeth G. Shet
- Surya A
- Vajapeyayajula Sai Shanmukha
- Gubba Sai Hrudhay

Financial Mathematics

- Varanasi Sai Sripad
- Sri Charan Mylavarapu
- Akashdeep Kalikotay
- Ambekar Kiran Eshwar Sai
- Anand Sai

- Bhavanasi Mukund Bharadwaj
- Gonella S. G. S. S. Datta Maharaj
- Gorthipalli Hemanth Kumar
- Gumma Venkata Satyanarayana
- Gummadila Tharakeswar Lakshmi Naga Sai
- Kolloju Virat Nath
- Kshamatmika Ram Giduthuri
- Kuncham Sai Chetan
- Marepalli Prem Sai
- Rishi Sharma
- Sai Atheeth G Shet
- Surya A
- Vajapeyayajula Sai Shanmukha
- Aditya Mishra
- Ajay A Sukkal
- Diguva Cheruvupalli Charan Tej
- Jay Singh
- Karamsetty Baba Suseel Vydrik
- Nithesh Chand Arihant
- Satyam Chhetri
- Sreeram Iyer
- Tata Dheeraj
- Prabhat Sai Varalakshmi
- Ram Sai Deep Vinjamuri
- Omkar Reddy Kathi

CAS

Modern Actuarial Statistics 1 (MAS 1)

- Sai Yashwanth Chinthakayala

Modern Actuarial Statistics 2 (MAS 2)

- Sai Kartheek Cherukuri

CAS EXAM 5

- Sai Kartheek Cherukuri

Funded Research Projects

SSSIHL continues to pursue needs-based research that will help alleviate problems affecting the poorer sections of society. During the academic year 2024 - 25, the total value of ongoing projects at the University was ₹4.03 Crores.

Biosciences

Understanding the Mechanisms Involved in the Emergence of Heteroresistance among Enterobacteriaceae.

Indian Council of Medical Research (ICMR)
PI: Dr. Bulagonda Eswarappa Pradeep **₹50 Lakhs**

Chemistry

Fund for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions (FIST)

DST-FIST
PI: Head of the Department, Chemistry **₹100 Lakhs**

IKSHANA: Low-Cost, Mobile-Plasmonic Diagnostic Device for Integrated Evaluation of Diabetic Retinopathy, Glaucoma and Retinal Health

DBT-BME-Phase-I
PI: Dr. Naga Sai Visweswar
Co-PI: Dr. P Sujith Kumar and Dr. Srikanth Khanna **₹16.21 Lakhs**

Food and Nutritional Sciences

Formulation and Evaluation of Ready to Use Supplementary Foods (RUSFs) in the Management of Moderate Acute Malnutrition (MAM) Using Indigenous Food Crops and Novel Approaches

CSIR-ASPIRE
PI: Prof. N. Srividya **₹20.8 Lakhs**

Value-added RTS Non-carbonated and Carbonated Ayurvedic Tomato Beverage

Tomato Grant Challenge
Innovation Cell, Ministry of Education, & Ministry of Consumer Affairs, GoI
PI: Prof. N. Srividya
Co-PI: Ms. Mounika Pandey **₹3.3 Lakhs**

Mathematics and Computer Science

A Commutative Algebraic Approach to Generating Functions

DST-SERB
PI: Dr. N. Uday Kiran **₹6.6 Lakhs**

DeepDroughtUAV: Deep Learning-based Estimation of Drought Area in the Anantapur Cluster Using UAV Surveillance (A joint project with JNTU Anantapur)

Andhra Pradesh State Council of Higher Education
Co-PI: Dr. Balasubramanian **₹10 Lakhs**

Physics

Neutron Induced Reaction Cross-section Measurements on Structural Materials using Direct and Surrogate Methods

DAE-BRNS
PI: Prof. R. Gowrishankar
Co-PI: Dr. K. Vijay Sai **₹31.5 Lakhs**

Development of Multiplexed Fiber Laser based Dual Frequency Combs for Sensing and Spectroscopic Applications

SERB-SURE
PI: Prof. R. Gowrishankar **₹18.5 lakhs**

Application of Ai/ML to Optical Networks and Optical Algorithm Design and Testing of ONEP Tool (Consultancy Project)

Infinera India Pvt Ltd
PI: Prof. R. Gowrishankar
Co-PIs: Dr. Darshan Gera & Dr. S. Balasubramanian **₹121 Lakhs**

State-of-the-art, Low Cost, Dental Implant System (Development Research Grant* in Collaboration with Uppsala University, Sweden)

Swedish Medical Council
PI: Prof. Deepa Seetharaman
The grant money will be administered by Uppsala University, Sweden* **₹64.38 Lakhs

Python Based GUI Analytical Tool for Data Collection, Analysis, Image Processing and Data Plotting for Post Silicon Validation and Test

Analog Devices India Pvt. Ltd. (ADI), Bengaluru, India
PI: Dr. Swarup Kundu **₹4.6 Lakhs**

Design and Implement a Proof of Concept to Demonstrate Voice Authentication in Cars Based on ML Approach

Analog Devices India Pvt. Ltd. (ADI), Bengaluru, India
PI: Dr. Murali Ravi **₹5.5 Lakhs**

Centre for Excellence in Mathematical Biology

Time Optimal Control Problems and Bifurcation Analysis of Coupled Nonlinear Dynamical Systems with Application to Pest Eradication

DAE-NBHM
PI: Dr. Krishna Kiran Vamsi Dasu **₹15.15 Lakhs**



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- Jyothi Kumari Posa and B. S. Lakshmi. Chlorogenic Acid Alleviates Insulin Resistance Induced by Hyperinsulinemia in 3T3-L1 Adipocytes, *International Diabetes Summit 2025*, organised by Chellaram Diabetes Institute, Pune, (March 2025).
- Niharika Kambati and Pallavi Cheguru. Drug Repurposing of PDE5A Inhibitors in the Treatment of Lung Cancer: In-Silico Analysis to Explore Oncogenic Networks and Therapeutic Potential, *National Conference on Cancer Biology: Emerging Trends and Future Directions*, organised by Institute of Advanced Research (IAR), Gandhinagar, Gujarat, (February 28-March 1, 2025).
- K. N. Naresh, Mani Kanta Koppolu, K. Sathya Sai Kiran, and Sudam Bhoi. Peptides Derived from Carinoscorpis Rotundicauda Hemocyanin Exhibit Antimicrobial Potential: An in-Silico Evaluation Involving Molecular Docking and Molecular Dynamics Simulation Studies, *10th Indian Peptide Symposium*, organised by the Department of Chemistry, IISER Pune, (February 26-28, 2025).
- B. Anusha, Sai Sanwid Pradhan, Sai Phalguna Kanikaram, Datta Darshan V. M., and Venketesh Sivaramakrishnan. Neuroprotective Effects of Withaferin A as a GSK3b Inhibitor in Huntington Disease, *International Conference on Central Nervous System Disorders from Mechanisms to Medicine (ICCNS-2M-2025)*, organised by NIPER Ahmadabad, Gujarat, (February 17-19, 2025).
- Harsha M. M., Ashriti Chettri, Sai Phalguna, Venketesh Sivaramakrishnan, and Ramya E. M. Investigating the Impact of Permethrin Exposure on ALS Disease, *International Conference on Central Nervous System Disorders from Mechanisms to Medicine (ICCNS-2M-2025)*, organised by NIPER Ahmadabad, Gujarat, (February 17-19, 2025).
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- Krishnasalini Gunanathan and Venketesh Sivaramakrishnan. Deregulated Metabolic and Signalling Pathways Modulate Protein Aggregation in Yeast Model of Amyotrophic Lateral Sclerosis, *International Conference on Central Nervous System Disorders from Mechanisms to Medicine (ICCNS-2M-2025)*, organised by NIPER Ahmadabad, Gujarat, (February 17-19, 2025).
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- P. Gurung, Shakthi Thangavel, S. K., and A. S. Vishwanathan. Evaluating the Enhancement of Bacterial Electron Transfer Activity Using Plant-Based Polyphenolic Extracts, *National Conference for Undergraduate Research in Biosciences*, organised by the Department of Biology, Indian Institute of Science Education and Research, Tirupati, (December 16-17, 2024).
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- Pandit Nitu Kumari, Gouri Nandana S., Diksha Limbu, and Isha Sai. Effect of Mushrooms on Amyloid Formation of Huntingtin Protein in Yeast, *National Conference for Undergraduate*

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- Bulagonda Eswarappa Pradeep. Exploring Minocycline Heteroresistance Mechanisms in Clinically Isolated Escherichia coli, **IMMUNOCON - 51**, organised by Indian Immunology Society, Indian Institute of Science, Bengaluru, (October 17-20, 2024).
- Bulagonda Eswarappa Pradeep. Leveraging Artificial Intelligence for Enhanced Infection Prevention, Antimicrobial Stewardship, and Antimicrobial Resistance Mitigation, **Global South Conference on Infection Prevention and Control and Antimicrobial Stewardship (G-SPARC 2024)**, organised at Shilpakala Vedika, Hitech City, Hyderabad, (October 3-5, 2024).
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& Biotechnology, Fakir Mohan University, Balasore, Odisha, and Zoological Survey of India, Kolkata, West Bengal, (August 18-19, 2024).

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- Manohar Bhujel, Sripada Lakshminath and G. Nageswara Rao. A Process of Isolation and Separation of Arjunolic Acid and Asiatic Acid from Heartwood of Terminalia Arjuna, **Sri Sathya Sai Global Conference on Ideal Health Care**, organized by Sri Sathya Sai Institute of Higher Medical Sciences, Prasanthi Nilayam, Puttaparthi, Andhra Pradesh (June 28-29, 2025).
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- Abhiprayas Sahoo, Bhargava Nithin T. and A. Sunil. Green Nanoparticles for Environmental Remediation, **International Symposium on Chemistry for a Sustainable Future: Bridging Science and Society**, organized by the Department of Chemistry, SSSIHL, Prasanthi Nilayam, Puttaparthi, Andhra Pradesh (December 13-14, 2024).
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- Sai Athmeeya G. Shet, V. N. Ravi Kishore Vutukuri, Jan Michael Carrillo, and Kumar S. S. K. Challa. Design of Polymer Nanocomposites Involving Ceria, Polymers and Plasticizers for Biomedical Applications: A Molecular Dynamic Simulation Study, *Physical Chemistry Symposium, SoPhyC-2024*, in collaboration with the American Chemical Society (ACS) at IIT Bombay, Mumbai (October 22-25, 2024).
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- Akash Sai S. M., Undavalli Venkata Gopi and Kumar Sai Smaran. Ruddlesden-Popper Phases of LaNiO_3 Perovskite Oxides and Their Application in Supercapacitors, *Online International Symposium on Current Trends in Advanced Materials 2024*, organized by the Department of Chemistry, VIT-AP University's School of Advanced Sciences, in collaboration with the American Chemical Society (August 26-31, 2024).

Education

- P. Lavanya and Anirudha. Empowering Tribal Communities Through Sustainable Employment Opportunities, *Two-Day National Seminar on Socio-Economic Empowerment of Particularly Vulnerable Tribal Groups (PVTGs) in India: Issues, Opportunities and Challenges*, organised by Centre for the Study of Social Inclusion (CSSI), Sri Krishnadevaraya University, Ananthapuramu, Andhra Pradesh, (March 27-28, 2025).
- B. Sai Soujanya Kumari, Aastha Priya and Srutika Panda. From Vulnerability to Vitality: Understanding Healthcare and Sanitation Challenges Among PVTGs, *Two-Day National Seminar on Socio-Economic Empowerment of Particularly Vulnerable Tribal Groups (PVTGs) in India: Issues, Opportunities and Challenges*, organised by Centre for the Study of Social Inclusion (CSSI), Sri Krishnadevaraya University, Ananthapuramu, Andhra Pradesh, ISBN: 978-93-5879-176-1, (March 27-28, 2025).
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- Rinchen Blon Tamang and P. Lavanya. A Study on Challenges, Aspirations and Educational Empowerment of Women College Students from Tea Garden Areas of Darjeeling, *Two-Day International e-Conference on Women Empowerment*, organised by Excellence International Publication Pvt Ltd, Aligarh, Uttar Pradesh, ISSN: 2349-8838, (March 23-24, 2025).
- P. Padmambika, P. Lavanya and B. Sai Soujanya Kumari. Innovative Strategies in Teacher Education in Line with NEP 2020, *UGC-Sponsored National Seminar on Educational Perspectives and Role of Teacher Educators in India*, organised by Department of Education, Acharya Nagarjuna University, Guntur, ISBN: 978-93-90028-86-3, (March 6-7, 2025).
- B. Sai Soujanya Kumari, P. Lavanya and P. Padmambika. Constructivist Learning in the Age of AI and EdTech: Bridging Theory and Practice, *International Conference on Leading Change in Teacher Education: Strategies for Effective Management in the Age of Digital Transformation*, organised by Tamil Nadu Teacher Education University, Chennai, ISBN: 978-3-96492-631-9, (January 29-31, 2025).
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Food and Nutritional Sciences

- N. Srividya, Mounika Pandey, Sai Sruthi Shree, and Kavitha Kumaravel. Reformulated Indian Traditional Mixed Meal Elicit Desirable Glycemic & Insulinemic Response in Overweight/ Obese Subjects, *IDF World Diabetes Congress 2025*, organised by the International Diabetes Federation, Bangkok, Thailand, (April 7-10, 2025).
- Sai Sruthi Shree, Kavitha Kumaravel, N. Srividya and Mounika Pandey. Glycaemic and Postprandial Insulinemic Responses of a Vegan, Gluten Free Protein Health Mix in Overweight/Obese Women, *IDF World Diabetes Congress 2025*, organised by the International Diabetes Federation, Bangkok, Thailand, (April 7-10, 2025).
- Rishika Aravapally, Amrita Shaw, Bezawada Sree Sesha Sravanika and Jhinuk Gupta. A Systematic Approach to Investigate Labeling Accuracy of Commercially Available Indian Baby Foods, *8th AMIFOST-2025*, organised by Amity University, India, eISSN: 2117-4458, (March 27-28, 2025).
- Poojitha Gali, Pradeepthi Marri and Tapasya Anand. Formulation & Evaluation of Plant-Based RTU Protein Mix for Athletes, *8th AMIFOST-2025*, organised by Amity University, India, eISSN: 2117-4458, (March 27-28, 2025).
- M. Sriyaya, Beesetti Lohita and M. Vani Priya. Physicochemical and Sensory Attributes of the Selected Plant-Based Milk Analogues, *8th AMIFOST-2025 - International Conference on the Future of Food Science & Technology: Innovation, Sustainability and Health*, organised by Amity University, India, ISBN: 978-93-48954-56-5, (March 27-28, 2025).
- Bezawada Sree Sesha Sravanika and Jhinuk Gupta. Revolutionizing Food Safety: The Role of AI in Pathogen Detection, *8th AMIFOST-2025 - International Conference on the Future of Food Science & Technology: Innovation, Sustainability and Health*, organised by Amity University, India, ISBN: 978-93-48954-56-5, (March 27-28, 2025).
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- Maddi Harika Sai, Thokada Rohini Kumari, Chaitanya Bhagavathi and A. Padmaja. Characterization and Evaluation of Biodegradable Films Based on Cellulose Microfibers of Cowpea and Field Bean Pods, *8th AMIFOST-2025 - International Conference on the Future of Food Science & Technology: Innovation, Sustainability and Health*, organised by Amity University, India, ISBN: 978-93-48954-56-5, (March 27-28, 2025).
- Annapoorna Sai Sathya V. and A. Sumana. Development and Sensorial Evaluation of Modified Traditional Breakfast Recipes for the Management of Metabolic Dysfunction-Associated Steatotic Liver Disease (MASLD), *8th AMIFOST-2025 - International Conference on the Future of Food Science & Technology: Innovation, Sustainability and Health*, organised by Amity University, India, ISBN: 978-93-48954-56-5, (March 27-28, 2025).
- Mounika Pandey and N. Srividya. In Vitro Evaluation of Polyherbal Tea Formulations with Anti-Diabetic Ingredients: A Synergistic Approach to Diabetes Management, *9th International Diabetes Summit*, organised by Chellaram Diabetes Institute, Pune, India, (March 7-9, 2025).
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- Alisha Pradhan and M. Sriyaya. Radiofrequency (RF) Treatment for Shelf-Life Extension of Whole Tomato Fruits: A Novel Approach to Post-Harvest Preservation, *5th International Electronic Conference on Food - The Future of Technology, Sustainability, and Nutrition in the Food Domain*, organised by Foods, MDPI, Basel, Switzerland, (October 28-30, 2024).
- Beesetti Lohita and Sriyaya Mupparapu. Evaluating the Viability of Plant-Based Milk: A Sustainable Alternative to Dairy, *4th International Electronic Conference on Nutrients - Plant-Based Nutrition: Focusing on Innovation, Health, and Sustainable Food Systems*, organised by MDPI's journal Nutrients with co-organisation by San Raffaele University, Italy, (October 18, 2024).
- N. Srividya and A. C. Haldipur. Glycaemic Response to High Amylose, Fibre-Rich Red Rice Meals and In Vitro Antihyperglycemic Properties of Prebiotic Enriched



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- N. Srividya and M. D. Ghoola. Dietary Mineral Contribution and Mineral Quality Rating of Ten Culinary Microgreens Grown in Cocopeat vs. Compost-Enriched Soil, **46th ESPEN Congress on Clinical Nutrition & Metabolism**, organised by the European Society for Clinical Nutrition and Metabolism (ESPEN), Milan, Italy, (September 7-10, 2024).

Humanities and Social Sciences

ECONOMICS

- Sai Gopal, Rajbhushan J. Nayak, Olivier Dagnelie, and Debarshi Dey. A Study on Sri Sathya Sai Mobile Hospital, **Global Conference on Sri Sathya Ideal Health Care**, organised by Sri Sathya Sai Hospitals, Sri Sathya Sai Central Trust, Prasanthi Nilayam, (June 28-29, 2025).
- Abinaya V., S. S. S. D. P. Bhavani, Sai Gopal, Rajbhushan J. Nayak, Olivier Dagnelie, and Debarshi Dey. A Study on Sri Sathya Sai General Hospital, **Global Conference on Sri Sathya Ideal Health Care**, organised by Sri Sathya Sai Hospitals, Sri Sathya Sai Central Trust, Prasanthi Nilayam, (June 28-29, 2025).
- S. S. S. D. P. Bhavani, Abinaya V., Sai Gopal, Rajbhushan J. Nayak, Olivier Dagnelie, and Debarshi Dey. A Study on Sri Sathya Sai Super Hospitals, Prasanthigram & Whitefield, **Global Conference on Sri Sathya Ideal Health Care**, organised by Sri Sathya Sai Hospitals, Sri Sathya Sai Central Trust, Prasanthi Nilayam, (June 28-29, 2025).
- K. P. Chandana, Srinitha Daw, Rajdip Barai, Rajbhushan J. Nayak, Olivier Dagnelie, and Debarshi Dey. Diabetes & Hypertension Control: A KAP-Based Cross Sectional Analysis, **Global Conference on Sri Sathya Ideal Health Care**, organised by Sri Sathya Sai Hospitals, Sri Sathya Sai Central Trust, Prasanthi Nilayam, (June 28-29, 2025).
- P. Sai Latha, Rajbhushan J. Nayak, Olivier Dagnelie, and Debarshi Dey. Evaluating Patient Satisfaction at SSSGH's Maternity Services, **Global Conference on Sri Sathya Ideal Health Care**, organised by Sri Sathya Sai Hospitals, Sri Sathya Sai Central Trust, Prasanthi Nilayam, (June 28-29, 2025).
- Jonna Swathi, Rajbhushan J. Nayak, Olivier Dagnelie, and Debarshi Dey. A Study on Cancer Screening Awareness & Screening Uptake Among Women, **Global Conference on Sri Sathya Ideal Health Care**, organised by Sri Sathya Sai Hospitals, Sri Sathya Sai Central Trust, Prasanthi Nilayam, (June 28-29, 2025).
- Geethabala M. R. and Amuktamalyada. Celebrating Nature and Culture: The Role of Eco-tourism, Economy and Literature, **Conference on Ecotourism: Harnessing Travel to Discover Nature, Promote Conservation, and Support Sustainable Development**, organised by Karnataka Science and Technology Academy (KSTA), Department of Science and Technology, Government of Karnataka, in association with Mount Carmel College, Vasanthnagar, Bengaluru, (February 19-21, 2025).
- Sai Prabhakar Balantrapu, G. Raghavender Raju, and M. Sathya Sai. Crop Price Prediction Using Actuarial Data Science Techniques, **International Conference on Actuarial Data Science Innovations for Sustainable Finance and ESG (ACTCON-25)**, organised by PG Department of Actuarial Science, Bishop Heber College, Tiruchirappalli, (February 12-13, 2025).
- Suresh Kumar Dahal and G. Raghavender Raju. Spillover of Exchange Rate Misalignment: Case of Nepal from India, **13th International Research Conference**, organised by Central Bank of Sri Lanka, Colombo, (December 13, 2024).
- Geethabala M. R. Digital Transformation in the Healthcare Sector and its Effects on Women's Health Outcomes, **Ecofluence 2024, 6th International Conference on Economics and Public Policy and Research Championship**, organised by Indus Business Academy, Bengaluru, (December 5-7, 2024).
- Geethabala M. R. Harnessing Digital Transformation for India's Economic Advancement: Insights and Hurdles, **Two Day National Seminar on Digital Transformation and the Future of India's Economy**, sponsored by ICSSR Southern Regional Centre, organised by Department of Economics, CUAP, Hyderabad, (November 29-30, 2024).
- Pogula Shiva Kumar and G. Raghavender Raju. Macroeconomic Foundations of India's Exchange Rate: An Analytical Approach, **International Conference on Global Challenges and Vitality Solutions**, organised by Chhatrapati Shahu Institute of Business Education and Research, Kolhapur, (November 22-23, 2024).
- Rajabhushan J. Nayak, Aniruddha Bhandari, and Ashish Singh. Insights on Inequality in the Distribution of Poverty in the United States in the Last Decade (2011-22), **International Union for the Scientific Study of Population Conference**, organised by the British Society of Population Studies, The London School of Economics and Political Science, University of Bath, United Kingdom, (September 9-11, 2024).
- Suresh Kumar Dahal and G. Raghavender Raju. Macroeconomic Dynamics and Economic Policy Uncertainty: Exploring the Determinants of India's Real Exchange Rate, **4th International Research Fair**, organised by Bangko Sentral ng Pilipinas (Central Bank of the Philippines), Manila, Philippines, (July 30-31, 2024).

POLITICAL SCIENCE

- Manas Kandi. Individual Centric Versus Community-Centric Welfare Programs in India: A Comparative Examination of Political Party Manifestos and the Discourses on Freebie Politics, **National Seminar on India's New Politics: Populism, Welfare and Freebie-ism**, organised by Department of Political Science, Central University of Andhra Pradesh, (April 28-29, 2025).
- Sujana. Atmanirbhar Bharat and the Case of India's Defence Manufacturing Sector: Opportunities and Challenges, **National Seminar on Roadmap to Viksit Bharat @2047: Strategic Insights into Visualising Excellence in the Manufacturing Sector**, organised by Department of Management, Central University of Andhra Pradesh, (March 21-22, 2025).

- Sujana. Lateral Entry in Civil Services in India: Issues and Challenges in Contemporary India, *National Seminar on Mission to Vision: Addressing the Issues & Challenges of India's \$5 Trillion Economy*, organised by Department of Business Management in collaboration with Department of Social Sciences, St. Pious X Degree & PG College for Women, Hyderabad, (March 11-12, 2025).
- Sujana. Netizens and the Digital Spaces: Efficacy of the Political Communication Strategies, *National Conference on Political Consultancy in India: Issues & Challenges*, organised by Department of Political Science, Maulana Azad National Urdu University, in collaboration with Billion Connect, Hyderabad, (February 24-25, 2025).
- Sujana. Climate Jurisprudence in India: Its Evolution, Agenda and Milestones, *National Conference on Sustainable Development: Good Governance and Rule of Law*, organised by SVKM's Pravin Gandhi College of Law, Mumbai, (July 20, 2024).

Languages and Literature

ENGLISH

- Nikila Bhutia and Aarthi R. M. Frankenstein's Monster to Robert Sophia: The Evolution of the 'Other' in Society, *Two Day International Conference on Narratives in English & Foreign Languages: Stories Across Time, Space & Cultures*, organised by the Department of English and Foreign Languages, SRM Institute of Science and Technology, Kattankulur, (April 3-4, 2025).
- Saipriya Babu and Aarthi R. M. Potions of Peril: The Ethics of Self-Experimentation in Stevenson's Strange Case of Dr Jekyll and Mr Hyde, *Two Day International Conference on Narratives in English & Foreign Languages: Stories Across Time, Space & Cultures*, organised by the Department of English and Foreign Languages, SRM Institute of Science and Technology, Kattankulur, (April 3-4, 2025).
- Sravani Bhagya Lakshmi and Aarthi R. M. A Gerontological Reading of Ageing Hero in Tennyson's Ulysses, *Two Day International Conference on Narratives in English & Foreign Languages: Stories Across Time, Space & Cultures*, organised by the Department of English and Foreign Languages, SRM Institute of Science and Technology, Kattankulur, (April 3-4, 2025).
- Aditi Rana and Sowmya Srinivasan. Love's Hate Behind a White Veil: A Counterplay Between Ageing, Trauma and Revenge, *International Conference on Gerontology and Geriatrics - The Process of Ageing and the Role of Old Age Homes in Providing Social Security*, organised by PDPM IIITDM, Jabalpur, (March 22-23, 2025).
- Dikshya Chettri and Aarthi R. M. Tracing the Elements of Eco Postcolonialism in Amitav Ghosh's The Hungry Tide, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by the Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
- Sanya Ahuja and Siddhartha R. Decolonised to Recolonise: Post-Colonial India as a Coloniser in Indigenous Himalayan Narratives, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by the Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
- Aditi Rana and Sowmya Srinivasan. The Echoes of Betrayal: Exploring Trauma in Ageing and Emotional Stagnation in Havisham, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by the Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
- V. Sri Harshitha and B. Venkatramana. A Biocapitalist Study of Raja in R. K. Narayan's A Tiger for Malgudi, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by the Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
- Archakam Sravani Bhagya Lakshmi and Sowmya Srinivasan. Digging as a Metaphor for Environmental Stewardship and Sustainable Living: A Study of Seamus Heaney's Digging, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by the Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
- Tirirathana Rai and Sowmya Srinivasan. Role of Anthropocentrism in the Altering of the Wilderness in The Lord of the Flies, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by the Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
- Chethana T. K. and Vivek Chauhan. Archetypal Conflicts in William Golding's Lord of the Flies, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by the Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
- Kashish Moktan and Sowmya Srinivasan. Exploring the Interconnectedness of Music and Literature in James Joyce's A Portrait of the Artist as a Young Man, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by the Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
- Ashmi and A. K. Behera. The Future of Computational Linguistics: Emerging Technologies and Their Impact, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by the Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
- Namisha K. and N. Vani Sri. Analysing Intergenerational Partition Trauma in Dattani's Final Solutions, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by the Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
- Jagriti Sharma and N. Vani Sri. Realism vs. Romanticism in Anita Desai's The Village by the Sea, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by the Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).



- Studies**, organised by the Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
- Saipriya Babu and N. Vani Sri. Beyond the Illusions: A Jungian Archetypal Analysis of Chitra Banerjee Divakaruni's a Palace of Illusions, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by the Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
 - Kashvi Gaur and Prashant Luthra. Cognitive Distortions of the Displaced in The Kashmir Files: A Study Incorporating Aaron Beck's Negative Cognitive Triad, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by the Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
 - Pratiksha Pradhan and Vijayalekshmi R. From Floodscape to Memoryscape: Witness Narratives of Arsat ko Bhal Paira of River Teesta as an Antidote to Environmental Generational Amnesia, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by the Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
 - Pem Doma Sherpa and Vijayalekshmi R. In Search of a Self and a Home to Claim: Indian-Nepali Voices and the Question of Identity in Indian Writing in English, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by the Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
 - V. Prashanthi and Vijayalekshmi R. Gendered Language and Social Norms in Ponniyin Selvan by Kalki Krishnamurthy: A Study of the Politics of the English Translation, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
 - Priyamvada C., Maitali Khanna and M. Praphulla. Unravelling the Suggestive Tale in T. S. Eliot's Journey of the Magi Through the Lens of Vivakṣitānyaparavācyā Dhvani, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
 - B. Sai Harshitha and Sowmya Srinivasan. Of Boochandis, Rakshasas and Asuras: Reimagining the Nonhuman Monster in Select Indian Picture Books in English, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
 - Meghana Srinivas Mandalappu and Rani P. L. Sign Language: A Comparative Study of American, British, and Indian Sign Languages, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
 - Sathyapriya Darshini and Maitali Khanna. An Ecostylistic Reading of Amitav Ghosh's The Living Mountain, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
 - B. Sai Vaishnavi and Maitali Khanna. Stories Silenced by the Social Stereotypes: Foregrounding Narrativity in Jayanta Mahapatra's Selected Lyrics Using Abbott Porter's Definitions of Narrative Elements, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
 - G. V. D. Harshapada and Aarthi R. M. Envisioning Feminist Utopian Spaces in Evie Woods' T3he Lost Bookshop, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
 - G. V. D. Harshapada and Aarthi R. M. Restoring Narnia: Ecological Memory, Environmental Resilience and Sustainable Land Use in C.S. Lewis' Prince Caspian, *International Conference on Navigating Sustainability: Multidisciplinary Approaches in English Language, Literature & Society*, organised by PG Dept. of English, Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai, (February 28, 2025).
 - Sathyapriya Dharshini S. and Aarthi R. M. Unmasking More Than a Killer: The Gendered Struggle for Power in Kerri Maniscalco's Stalking Jack the Ripper, *International Conference on Navigating Sustainability: Multidisciplinary Approaches in English Language, Literature & Society*, organised by PG Dept. of English, Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai, (February 28, 2025).
 - Chethana T. K. Introducing Vocabulary-based Learning Methodology for the Improvement of English Proficiency in SCERT Students in Kerala, *Conference for Research Scholars in English Language (COREL) 2025: Interfaces in English Language Studies: Navigating Politics, Policies, Research, and Innovations*, organised by the University of Hyderabad, Hyderabad (February 14-15, 2025).
 - Dikshya Chettri and Sai Archana M. Psycholinguistic Approaches to English Language Development: A Corpus-Based Study of Young Learners in India Through NCF 2023 Guidelines, *Conference for Research Scholars in English Language (COREL) 2025: Interfaces in English Language Studies: Navigating Politics, Policies, Research, and Innovations*, organised by University of Hyderabad, Hyderabad, (February 14-15, 2025).
 - Kashvi Gaur and Sai Archana M. Introducing Vocabulary-Based Learning Method for the Improvement of English Proficiency in SCERT Students in Kerala, *Conference for Research Scholars in English Language (COREL) 2025: Interfaces in English Language Studies: Navigating Politics, Policies, Research, and Innovations*, organised by University of Hyderabad, Hyderabad, (February 14-15, 2025).
 - Sanya Ahuja and Sai Archana M. Challenges in Improving Cultural Literacy in a Multicultural Multidisciplinary University Classroom, *Conference for Research Scholars in English Language (COREL) 2025: Interfaces in English*

Language Studies: Navigating Politics, Policies, Research, and Innovations, organised by University of Hyderabad, Hyderabad, (February 14-15, 2025).

- Prashanthi V. and N. Vani Sri. Intertextuality in Marvel Comics: A Study of Connections, Continuity, and Cultural Resonance, **Three-Day International Conference on Graphic Narratives and Comics Studies**, organised by English and Foreign Languages University, Hyderabad, (February 12-14, 2025).
- Kashvi Gaur and Vijayalekshmi R. The Askance View: Political Cartoons and Caricatures in the History and Memory of the Nation, **Three-Day International Conference on Graphic Narratives and Comics Studies as World Literature Phenomena**, organised by Department of Indian and World Literatures, The English and Foreign Languages University, Hyderabad, (February 12-14, 2025).
- Sai Govardhan Jagadeeswaran. Fighting Societal Appeal: Two Cases of Exposing (Healthy) Truth against Post-Truth, **Reimagining English Language, Literature, and Culture in a Changing World**, organised by Bharathidasan University, (January 31-February 1, 2025).
- Meghana Srinivas Mandalappu. Hands That Speak: An Exploratory Case Study on Indian Sign Language, **15th Students' Conference of Linguistics in India**, organised by University of Delhi, (January 29-31, 2025).
- Saipriya Babu and N. Vani Sri. The Word-Made Body: A Plot Analysis of Meena Kandasamy's When I Hit You: Or, A Portrait of the Writer as a Young Wife Through the Lens of Trauma Studies, **Breaking the Silence: Interdisciplinary Perspectives on Gender Exploitation and Resistance**, organised by SRM University, Amaravati, (December 17-18, 2024).
- Lekshmi Chandra and Rani P. L. Melting of the Spaces of Memory: A Study on Raja Shehadeh's a Rift in Time, **International Conference on Conflict Dynamics in Arabic and World Literature & Culture**, organised by Journal of Arabic and World Literature, (December 7-9, 2024).
- B. Sai Harshitha and Sowmya Srinivasan. A Narrative or a Plaything? The Case of the Picturebook in the Hands of Gen Alpha, **International Conference on Stories Matter: (Re)-thinking Narratives, Aesthetics, and Human Values**, organised by Banaras Hindu University, Varanasi, (December 6-7, 2024).
- B. Sai Vaishnavi and Maitali Khanna. Stories Unheard in the Din of Social Stereotypes: Analysing Narrativity in Mahapatra's One Day, Standing in a Corner Using Abbott Porter's Narrative Concepts, **International Conference on Stories Matter: (Re)-thinking Narratives, Aesthetics, and Human Values**, organised by Banaras Hindu University, Varanasi, (December 6-7, 2024).
- Sowmya Srinivasan. Structures of Oppressive Exclusions under Patriarchy: Contextualizing Intersectional Feminism in Rajam Krishnan's Lamps in the Whirlpool and Baby Kamble's The Prisons We Broke, **International Conference on Global Perspectives on Gender-Based Violence - Intersectionality and Interdisciplinary Space (Revisiting Literature, Media and Society)**, organised by REVA, (December 5-6, 2024).
- Lekshmi Chandra and Rani P. L. Exile, Memory and History: An Examination of Memoirs Written on Palestinian Diaspora, **MSA Forward 2024 "Memories in Transit" Online Workshop**, organised by Memory Studies Association, (November 7-8, 2024).

- B. Sai Vaishnavi and Maitali Khanna. An Ironic Representation of Women as Edifices of Nature in Mahapatra's Summer Using Peter Hühn's Narratological Framework, **Wonders of the World, The Journal of Languages, Texts, and Society - Conference 2024**, organised by Journal of Language, Text and Society, (October 25, 2024).
- Pratiksha Pradhan and Vijayalekshmi R. The Ecological Turn and Its Semiotic Registers in Bollywood Cinema, **1st TFO International Seminar on Indian Cinema in the Digital Era: Continuities & Discontinuities**, organised by Talking Films Online and Centre for Contemporary Theory, Baroda, (September 30-October 1, 2024).
- Pratiksha Pradhan and Vijayalekshmi R. Ecoprogramming as an Antidote to the Politics of Forgetting in the Wake of Ecoprecarity: A Study of Witness Narratives of Teesta River Flood of 1968, **International Memory Studies Conference on Memory, Security and Sustainability**, organised by Centre for Memory Studies, IIT Madras, (September 16-18, 2024).

SANSKRIT

- M. G. Mahabala Rao. Ayurveda and TantraYukti, **Use of Samskrit in Ayurveda Shastra**, organised by Global Sanskrit Forum, at Smt. K. C. Ajmera Ayurved Mahavidyalaya, Dhule, Maharashtra, (June 28-29, 2025).
- K. P. Yadusree. Keralaleeya Samskrita Roopaketihasa Vimshati Shatabdeeya Roopakanam Vaishishtyam, **National Seminar on Bharatheeya Jnana Parampara- Rajyasthareeya Shaikshika Yogadanam**, organised by Central Sanskrit University, Guruvayoor Campus, Puranattukara, Kerala, (March 3-5, 2025).
- M. G. Mahabala Rao. Krutrima Buddimattayuge Bharatheeya Jnana Parampara (IKS in the Age of AI), **Indian Knowledge System - Sustainable Tool for Viksit Bharat-2047**, organised by I.Q.A.C., S.K.C.G. Autonomous College, Paralakhemundi, Gajapati, Odisha, Hybrid, (February 11-13, 2025).

TELUGU

- G. Yamuna Rani. Ramakatha Rasavahini - Upadesa Vaichithi, **Telugulo Ramayanalu - Samajika Drukpatham**, organised by C.P. Brown Library and Yogi Vemana University, Kadapa, CIIIL Nellore, (February 18-19, 2025).

LIBRARY

- B. P. Rao, M. P. Swamy and V. Jain. Innovative Engagement in School Libraries: A Case Study of Jawahar Navodaya Vidyalaya (JNV) Schools in Rayalaseema, Andhra Pradesh, **70th ILA International Conference on Libraries and Artificial Intelligence: Empowering Users for Sustainable Knowledge System**, organised by Dr. B. R. Ambedkar Library, University of Agricultural Sciences, Raichur, Karnataka, (March 20-22, 2025).
- K. Chandrika, M. P. Swamy and B. P. Rao. Transforming Student Learning Through Innovative Library Activities: A Case Study of Capitol Public School, Bengaluru, **National Conference on Technology, Education, and Media for Academic and Public**



Library Empowerment (TEMPLE-2024), organised by Sri Venkateswara University, Central Library, Tirupati, (December 7-8, 2024).

- K. G. Srinivas, B. P. Rao and M. P. Swamy. The Role of School Libraries in Fostering Reading, Critical Thinking and Socio-Emotional Growth: A Case Study of the Westberry School, **National Conference on Technology, Education and Media for Academic and Public Library Empowerment (TEMPLE-2024)**, organised by Sri Venkateswara University, Central Library, Tirupati, (December 7-8, 2024).
- D. Gnanasekaran, V. Jain, M. P. Swamy and N. Muruli. Mapping the Research Productivity of Top NIRF-Ranked Universities in Delhi, **Fifth International Conference on Science & Technology Metrics (STMET 2024)**, organised by Tien Giang University, My Tho, Vietnam, (October 17-19, 2024).

Management and Commerce

- Sai Manohar S. and N. Sivakumar. Financial Inclusion for Sustainable Development in the Indian Context, **International Conference on Sustainability, Innovation, Practices and Advancements in Management**, organised by Faculty of Management, Vivekananda Global University, Jaipur, (June 27-28, 2025).
- K. J. Srinivas, B. Sai Giridhar and N. Sivakumar. Sustainable Farming - An Integrative Analysis of Farm Management Techniques Using Theory of Biological Equilibrium and Vedic Equilibrium Chakra Models, **International Conference on Sustainability, Innovation and Advancements in Management**, organised by Vivekananda Global University, Jaipur, (June 2025).
- L. K. Prasad Rayaprolu and N. Sivakumar. Entrepreneurship Education Aligned with NEP 2020 in a Values Driven Higher Education Environment, **International Conference on Transformative Reforms in Higher Education: Best Practices in Implementation of NEP 2020**, organised by NEP Implementation Cell, IFHE IBS Case Research Center, ICFAI Foundation for Higher Education (IFHE), Hyderabad, (June 12-13, 2025).
- Sai Manohar S. and N. Sivakumar. Transformative Practices in Higher Education: A Study of Sustainable Practices at the Nandigiri Campus of Sri Sathya Sai Institute of Higher Learning with its Linkages to SDGs, **International Conference on Transformative Reforms in Higher Education: Excellence in Implementation of NEP 2020**, organised by IFHE, Hyderabad, ISBN: 978-81-987663-8-0, (June 12-13, 2025).
- Telukdarie A., Nyathi M. and M. S. Saivinod. Leveraging AI for Automation in ESG Reporting, **DTS-2025 (Digital Transformation Society Conference)**, organised by Paris Business School and The University of Naples Parthenope, Paris, France, (May 22-23, 2025).
- N. Sivakumar and U. Pranav. Integrating DEI With SDGs Through Strategic Emphasis - A Systems Theory-Based Framework, **MRCO 2025**, organised by School of Leadership and Management, Manav Rachna International Institute of Research and Studies, Faridabad, (April 24-25, 2025).
- N. Sivakumar and U. Pranav. Corporate Social Responsibility for SDG 4 - Inclusive and Equitable Education for India 2047, **National Conference on India 2047: Innovate, Engage and**

Transform, organised by Jain (Deemed to Be University) in Association with MILES Education, USA, Bengaluru, (March 24, 2025).

- N. Jayaprada. Challenges and Solutions for Sustainable Solid Waste Management in Rural India, **International Conference on Transforming Business, Economy & Environment: Strategies for Sustainability**, organised by Sri Kaliswari Institute of Management and Technology, Sivakasi and Department of Business Administration, V.V. Vanniaperumal College for Women, Virudhunagar, affiliated to Madurai Kamaraj University, (March 19, 2025).
- Swetha Thiruchanuru. The Role of Technology in Enhancing Work-Life Quality: SEM Analysis, **8th National Conference on Viksit Bharat @2047: Harnessing the Power of Sustainability and Inclusive Growth**, organised by Amity School of Economics, Noida, (March 17-18, 2025).
- Swetha Thiruchanuru and M. V. Chittan. Artificial Intelligence and Business Model Innovation: A Dynamic Capabilities Perspective, **National Conference on AI and FinTech: Crafting the Future of Global Business**, organised by Manikam Ramaswami College of Arts and Science, MRCAS Campus, Madurai, Tamil Nadu, (March 6, 2025).
- Aishwarya Lakshminarayan and U. Suma. Leadership Qualities Through the Lens of Srimad Bhagavad Gita: A Cross Comparative Exploration of Leadership Literature and the Srimad Bhagavad Gita, **12th International Conference on Happiness and Well-Being Amidst Polycrisis: Insights from Indian Knowledge Systems**, organised by School of Management Sciences, Varanasi, (March 1-2, 2025).
- N. Jayaprada. Balancing Sustainability and Community Empowerment: A Case Study of Rural Tourism in Madla and Pranpur, Madhya Pradesh, **National Conference on Ecotourism: Harnessing Travel to Discover Nature, Promote Conservation, and Support Sustainable Development**, organised by the Department of Science and Technology, KSTA, Govt. of Karnataka, Bengaluru, (February 19-21, 2025).
- K. J. Srinivas. Facilitating Sustainable Livelihoods - An Empirical Study of Livelihood Strategies in Select Regions of Andhra Pradesh, **International Conference (INCON)**, organised by ASM Group of Institutions, Pune, (January 2025).
- G. Sai Teja, Shivansh Tiwari and K. J. Srinivas. Risk Management Framework for Gen-AI Adoption in BFSI, **International Conference (INCON)**, organised by ASM Group of Institutions, Pune, (January 2025).
- Pranavi Sathrasala and C. Jayashree. The Impact of ESG on the Financial Performance of Selected Indian Companies, **National Conference on Embracing Change & Transformation: Breakthrough Innovation & Creativity in Business Management**, organised by Sanskriti School of Business, Puttaparthi, (December 13-14, 2024).
- Rajeev Rajan and N. Sivakumar. Effect of ESG Performance on Portfolio Performance: Evidence from Portfolios of NIFTY-Indexed Stocks in India, **National Conference on Embracing Change and Transformation: Breakthrough Innovation and Creativity in Business and Management**, organised by Department of Management Studies, Sanskriti School of Business, Puttaparthi, (December 13-14, 2024).
- L. K. Prasad Rayaprolu and N. Sivakumar. Strategies for Rural Development: An Analysis from Macro to Micro Perspectives of Agriculture and Non-Agriculture-Based

Approaches, *National Conference on Embracing Change & Transformation: Breakthrough Innovation & Creativity in Business and Management*, organised by Sanskrithi School of Business, Puttaparthi, (December 14, 2024).

- Rameswar Prusty and N. Sivakumar. Sustainability Practices at Prasanthi Nilayam - Lessons in Sustainable Living, *National Conference on Embracing Change & Transformation: Breakthrough Innovation & Creativity in Business and Management*, organised by Sanskrithi School of Business, Puttaparthi, (December 13-14, 2024).
- Aparna V., C. Jayashree and Sri Satya Sai Mudigonda. Empowering the Underserved: Exploring Technology and Innovation in Microfinance, *12th International Conference on Emerging Trends in Corporate Finance and Financial Markets*, organised by SDMIMD, Mysuru, (October 24-25, 2024).
- Sai Naveen R. Rationalizing Vulnerability in Leadership: A Systematic Review and Future Prospects, *84th Annual Meeting of the Academy of Management: Innovating for the Future: Policy, Purpose, and Organization*, Chicago, Illinois (August 9-13, 2024).
- Sai Naveen R., U. Suma and Surya Prakash Pati. Rationalizing Vulnerability in Leadership: A Systematic Review and Future Prospects, organised by *Academy of Management Proceedings*, (July 9, 2024).

Mathematics and Computer Science

- Sai Sadashiva Kundurmutt, R. K. N. Sai Krishna, Mahendrakar Srinivasarao, M. S. Srinath and Ravi Mukkamala. A Novel Approach for Automatic Global Statistics Collection in Distributed Database Systems, *22nd International Conference on Information Technology - New Generations (ITNG 2025)*, Las Vegas, Nevada, USA (April 27-29, 2025).
- Chiruhas Bonam, S. V. S. N. Sarma, Akula Venkata Satya Sai Gopinadh and Gudipudi Radhesyam. Understanding Customer Satisfaction in E-Commerce: An Interpretable and Sentiment Analysis Study with LangChain Insights, *Thirteenth International Conference on Contemporary Engineering and Technology (ICCET 2025)*, Chennai, India (March 23-25, 2025).
- Vignesh Sai Sankalp Sham, Darshan Gera, S. V. S. N. Sarma, Ritu Raj Pradhan and Kodi Rohith. Autism Behavior Recognition Using Multimodal Deep Learning: Leveraging Cross-Attention and Refined Dataset Annotations, *Thirteenth International Conference on Contemporary Engineering and Technology (ICCET 2025)*, Chennai, India (March 23-25, 2025).
- Vidyasager G. R., Kumar T. Rajamani, Bhaskaran V., Sai Kulvanth S., Gade Sai Shravan and Ashrith Raj S. Evaluating and Optimizing Geographic Object-Based Image Analysis for Land Use and Land Cover Classification in Google Earth Engine, *Thirteenth International Conference on Contemporary Engineering and Technology (ICCET 2025)*, Chennai, India (March 22-23, 2025).
- Sai Kulvanth S., Vidyasager G. R., Ashrith Raj S., Gade Sai Shravan, Bhaskaran V., Swaroop Srisailam, Kumar T. Rajamani and Praveen Pankajakshan. Mitigating Class Imbalance in Image Classification with AR-STAR, *Thirteenth International Conference on Contemporary Engineering and Technology (ICCET 2025)*, Chennai, India (March 22-23, 2025).
- Ashrith Raj S., Sai Kulvanth S., Gade Sai Shravan, Vidyasager G. R., Bhaskaran V. and Kumar T. Rajamani. Crop Rotation Modeling with Enhanced Efficiency for Parcel Classification, *Thirteenth International Conference on Contemporary Engineering and Technology (ICCET 2025)*, Chennai, India (March 22-23, 2025).
- Thilak D., S. V. S. N. Sarma and P. Sunil Kumar. SAGE (Semantic and Graph-Based Engine) Hybrid Knowledge Retrieval for Ayushman Bharat Treatment Guidelines, *Thirteenth International Conference on Contemporary Engineering and Technology (ICCET 2025)*, Chennai, India (March 23-25, 2025).
- Anirudh Yandrapu, Sampath Lonka, A. S. K. Sreeram and P. Sunil Kumar. AudioScout: Precise Audio Retrieval from Consecutive Interpretation Using Speaker Diarization and Natural Language Processing, *Thirteenth International Conference on Contemporary Engineering and Technology (ICCET 2025)*, Chennai, India (March 23-25, 2025).
- Sai Gopal, Satya Prasanna Mallick, Parikshit A., Shubham Makwana, Ram Gopal, Darshan Gera and Vandana Sharma. Optimised Hair Removal Technique for Improved Vein Visualization, *7th International Conference on Communication and Computational Technologies (ICCCT 2025)*, Goa Campus, in collaboration with Florida International University, Miami (February 14-15, 2025).
- Kodi Rohith, Satya Prasanna Mallick, Parikshit A., Shubham Makwana, Sunil Kumar P., Ram Gopal, Darshan Gera and Vandana Sharma. Enhancing Key Point Detection in Stereo Vein Imaging Systems for Optimizing 3D Reconstruction, *7th International Conference on Communication and Computational Technologies (ICCCT 2025)*, Goa Campus, in collaboration with Florida International University, Miami (February 14-15, 2025).
- Lokesh Goenka, Ajay Mukund S., P. Sunil Kumar. Question Generation for Personalised Learning Platform for Students, *1st International Conference on Sustainable Communication, Machine Intelligence, and Metaverse (SCMIM 2025)*, organized by MCKV Institute of Engineering in collaboration with Yuan Ze University, Taiwan and EIT-Australia, Kolkata, India (February 7-8, 2025).
- Ritu Raj Pradhan, Darshan Gera, P. Sunil Kumar, Vignesh Sham and Kodi Rohith. FFAFER: Fiducial Focus Augmentation for Facial Expression Recognition, *Ninth International Conference SmartCom 2025*, Pune, India (January 30-31, 2025).
- Siva Rama Varma P., S. V. S. N. Sarma and Srihari M. AOI-LSCS Angle-Oriented ROI for Accurate Detection and Classification of Lumbar Spinal Canal Stenosis Intervertebral Disc Levels, *3rd International Conference on Data Science and Information System (ICDSIS 2025)*, CSBS Malmad College of Engineering, India (2025).
- Balasubramanian S., Sai Subramaniam M., Sai Sriram Talasu, Manepalli Pranav Phanindra Sai, Yedu Krishna P., Darshan Gera and Ravi Mukkamala. EXACFS - A CIL Method to Mitigate Catastrophic Forgetting, *Fifteenth Indian Conference on Computer Vision, Graphics and Image Processing (ICVGIP 2024)*, IIIT Bengaluru (December 13-15, 2024).



- Gade Sai Shravan, Sai Kulvanth S., Ashrith Raj S., Vidyasager G. R., Bhaskaran V. and Kumar T. Rajamani, SITS-BERT++: Enhancing Satellite Image Time Series Analysis with Novel Architectural and Methodological Innovations, **IEEE 8th International Conference on Information and Communication Technology (CICT 2024)**, Prayagraj, Uttar Pradesh, India (December 6-8, 2024).
- N. Uday Kiran. Learning-Based Quantum Encoding of Pseudo-Differential Operators, **International Conference on Mathematical Techniques for Machine Learning and Quantum Computing (IWCMLQC-2024)**, organized by Cochin University of Science and Technology, Kochi, India (December 2-7, 2024).
- Srihari M. and Bhaskaran V. A Multimodal Fusion Approach: Emotion Identification from Audio and Video Using Convolutional Neural Network, **IEEE International Conference on Computer Vision and Machine Intelligence (CVMI)**, organized by IIIT Allahabad, Prayagraj, Uttar Pradesh, India (October 19-20, 2024).
- Bhanu Prakash. Deterministic and Stochastic Time Optimal Control Studies of Coupled Nonlinear Dynamical Systems with Applications to Pest Management, **2nd International Conference on Recent Advances in Applied Mathematics (RAAM 2024)**, organized by IIT-BHU, Varanasi, India (July 2024).

Performing Arts

- Priyam Chaturvedi. Classical Music of North & South India - A Comparative Study, **Conference on Traditional Knowledge System and Innovation in Hindustani Classical Music**, organised by Dr. Harisingh Gour Vishwavidyalaya, Sagar (M.P.), (February 24-25, 2025).
- Priyam Chaturvedi. Maarga-Desi V/s Classical Folk Forms: Their Inter-Relationship, **National Conference on Music and Dance**, organised by Indiranagar Sangeetha Sabha, Bengaluru, (January 29, 2025).
- Priyam Chaturvedi. Paramparik Tatha Adhunika Sangeet Shikshan Paddhati Mein Navachar, **Conference on Dr. Lalmani Mishra - Solving Mysteries Through Indian Classical Music**, organised by Banasthali Vidyapeeth, Rajasthan, ISSN: 2277-4262 (August 11-12, 2024).

Physics

- Susshma N., Deepa S., Vijay Sai K., and Gowrishankar R., Isomer Triplets: A Fascinating Phenomenon in Light Rare-Earth Nuclei, **16th Nuclear Data for Science and Technology Conference (ND2025)**, organised by Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas (CIEMAT) and the Nuclear Energy Agency (NEA) in cooperation with the International Atomic Energy Agency (IAEA), NH Collection Eurobuilding, Madrid, Spain (June 22-27, 2025).
- Susshma N., Deepa S., Vijay Sai K., and Gowrishankar R. Characterization of Low-Lying Isomers and their Beta-Decay in ¹⁶²Lu, **16th Nuclear Data for Science and Technology Conference (ND2025)**, organised by Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas (CIEMAT) and

the Nuclear Energy Agency (NEA) in cooperation with the International Atomic Energy Agency (IAEA), NH Collection Eurobuilding, Madrid, Spain (June 22-27, 2025).

- Ranjan Rai and Muralikrishna Molli, K₂BiFe₂O₅/rGO Composite with Enhanced Visible-Light-Induced Photocatalytic Activity Towards Organic Pollutant Degradation, **8th International Conference on Nanoscience and Nanotechnology (ICONN 2025)**, organised by the Department of Physics and Nanotechnology, SRM Institute of Science and Technology, Kattankulathur, Chennai, India (March 24-26, 2025).
- Anuj Garg. Effect of Surface Functionalization on PAMAM/PETIM Dendrimer Structure, **International Conference on Complex Fluids (CompFlu-2024)**, IIT Hyderabad, India (December 16-18, 2024).
- Sudhanshu Tiwari, Gowrishankar R., and Shailesh Srivastava. Visualizing the Nonlinear Transmission Curves of the Paddle Wheel Polarization Controller and Their Effects on Pulse Evolution, **16th International Conference on Fiber Optics and Photonics (PHOTONICS 2024)**, IIT Kharagpur (December 12-15, 2024).
- Prajal Chettri and Shailesh Srivastava, Study of Femtosecond Laser Micromachined Few-Mode Elliptical Core Waveguides, **16th International Conference on Fiber Optics and Photonics (PHOTONICS 2024)**, IIT Kharagpur (December 12-15, 2024).
- Prajal Chettri, Aditya Dileep Kurdekar, Rajesh Srinivasan, Sai Siva Gorthi, and Shailesh Srivastava, Femtosecond Laser Micromachined Slanted Waveguide-Based Bimodal Interferometric Biosensor, **16th International Conference on Fiber Optics and Photonics (PHOTONICS 2024)**, IIT Kharagpur (December 12-15, 2024).
- D. M. M. George, P. Chettri, and S. Srivastava, Fourier Domain Optical Coherence Tomography-Based Angiography: Study on the Dependence of Velocity of the Particle, **16th International Conference on Fiber Optics and Photonics (PHOTONICS 2024)**, IIT Kharagpur (December 12-15, 2024).
- Jyotisankar Das. Measurement of 54Mn (n, xp) Cross Section using Surrogate Ratio Method, **DAE-BRNS Symposium on Nuclear Physics (SNP-2024)**, event organised by the Board of Research in Nuclear Sciences supported by Department of Atomic Energy, in IIT Roorkee (December 7-11, 2024).
- N. Susshma, S. Chatterjee, B. Mondal, R. Raut, S. S. Ghugre, S. Deepa, K. Vijay Sai, S. Dar, S. Das, S. Basu, S. Nandi, S. Bhattacharya, S. S. Nayak, G. Mukherjee, S. Bhattacharyya, and R. Gowrishankar. First Possible Evidence of Triaxiality in Odd-Odd Nucleus ¹⁵⁴Tb, **68th DAE Symposium on Nuclear Physics**, organized by the Board of Research in Nuclear Sciences supported by the Department of Atomic Energy, IIT Roorkee (December 7-11, 2024).
- N. Susshma and R. Gowrishankar. Systematics of Low-Lying Isomeric States ¹⁵⁰<A<¹⁶⁰ Odd-Odd Tb Isotopes, **68th DAE Symposium on Nuclear Physics**, organized by the Board of Research in Nuclear Sciences supported by the Department of Atomic Energy, IIT Roorkee (December 7-11, 2024).
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- M. Sainath, Rishik R., K. Vijay Sai, Deepa Seetharaman, Dwarakani Rao, K. Madhusudhana Rao, and K.

- Venkataramaniah. Deployment of an Indigenously Designed and Developed Mini-Orange Magnetic Spectrometer for Nuclear Structure Studies, *68th DAE Symposium on Nuclear Physics*, organized by the Board of Research in Nuclear Sciences supported by Department of Atomic Energy, IIT Roorkee (December 7-11, 2024).
- Biswas Pradhan, Ekadashi Barakoti, N. Susshma, S. Deepa, R. Gowrishankar, K. Vijay Sai, K. Venkataramaniah, and Chary Rangacharyulu. Stellar Energy Generation and the Future of N-Free Fusion, *68th DAE Symposium on Nuclear Physics*, organized by the Board of Research in Nuclear Sciences supported by Department of Atomic Energy, IIT Roorkee (December 7-11, 2024).
 - Rishik R., Biswas Pradhan, K. Vijay Sai, Deepa Seetharaman, K. Venkataramaniah, and C. Scheidenberger. Excellent Prediction of Two-Neutron Separation Energies (S_{2n}) of Some of the Nuclides of Astrophysical Interest by the Simple Garvey-Kelson Extrapolation Method, *68th DAE Symposium on Nuclear Physics*, organized by the Board of Research in Nuclear Sciences supported by Department of Atomic Energy, IIT Roorkee (December 7-11, 2024).
 - K. Venkataramaniah, C. Scheidenberger, Rishik R., Biswas Pradhan, K. Vijay Sai, and Deepa Seetharaman, Mass and $Q\beta$ Predictions of Highly Neutron Rich Ga and as Isotopes Using Way-Wood Diagrams, *68th DAE Symposium on Nuclear Physics*, organized by the Board of Research in Nuclear Sciences supported by Department of Atomic Energy, IIT Roorkee (December 7-11, 2024).
 - K. Vijay Sai, K. Madhusudhana Rao, Deepa Seetharaman, and K. Venkataramaniah. New Levels and Gamma Transitions in ^{131}Xe from Precision Electron-Gamma Decay Spectroscopic Study of ^{131}I , *68th DAE Symposium on Nuclear Physics*, organized by the Board of Research in Nuclear Sciences supported by Department of Atomic Energy, IIT Roorkee (December 7-11, 2024).
 - Ujjal Chettri, Rohan Pattar, Prajal Chettri, Aaron Emmanuel, Sai Siva Gorthi, Shailesh Srivastava, and Aditya Kurdekar, Saturable Absorption Studies of Hybrid Silver Nanoparticles-Carbon Dots Systems Using Femtosecond Z-Scan Technique, *10th Interdisciplinary Symposium of Material Chemistry (ISMC 2024)*, Bhabha Atomic Research Centre, Mumbai (December 2024).
 - Sushma Tripathi, Dasari Swarna, Anjana Biswas, and Prathibha C., Mixed State of rGO/GO in the Removal of Cadmium Ion from Water, *68th DAE Solid State Physics Symposium (SSPS 2024)*, Bhabha Atomic Research Centre, Mumbai, ISBN: 978-81-967453-0-1. (December 2024).
 - Dasari Swarna, Sushma Tripathi, Anjana Biswas, and Prathibha C., TiO_2 Nanotubes and rGO Nanocomposite Integrated Electrochemical Sensor for Cd^{2+} Ion Detection, *68th DAE Solid State Physics Symposium (SSPS 2024)*, Bhabha Atomic Research Centre, Mumbai ISBN: 978-81-967453-0-1, (December 2024).
 - Prathibha C., Anjana Biswas, Dasari Swarna, and Sushma Tripathi, Increased Defect Sites and Enhanced Fluoride Adsorption by Nanocomposite of Silver Oxide and Hydrogen Tri-Titanate Nanotubes, *68th DAE Solid State Physics Symposium (SSPS 2024)*, Bhabha Atomic Research Centre, Mumbai, ISBN: 978-81-967453-0-1, (December 2024).
 - A. Upesh Kumar, Tanay Saha, and Paramesh Gadige, N-to P-Type Switching in ZnO/Carbon-Black Nano Heterostructures Sensing Ethanol at Room Temperature, *15th Asian Conference on Chemical Sensors (ACCS 2024)*, Kitakyushu, Japan (November 17-20, 2024).
 - Prathibha C., and Sushma Tripathi. Sustainable Approach to Fluoride Removal using rGo/Go Mixture, *International Conference on Membrane Processes for a Green Environment: Current Status, Challenges and Future Prospects*, organized by Indian Membrane Society and JNTU Anantapur (October 16-18, 2024).
 - Kaushik Jayaraman, N. Saikrishna, and Muralikrishna Molli, Thermoelectric and Optical Properties of Quaternary Heusler Alloy RuZrTiAl , *Sixth International Conference on Manufacturing, Material Science and Engineering (ICMMSE 2024)*, organised by the Department of Mechanical Engineering, Vignan Institute of Technology and Science, Hyderabad, Telangana, India (August 16-17, 2024).

Centre of Excellence in Actuarial Data Science (CADS)

- Mukund Bharadwaj and G. Kshamatmikaram. Data-Driven Risk Assessment and Pricing, *International Conference on Actuarial Data Science Innovations for Sustainable Finance and ESG (ACTCON 2025)*, Hosted by the PG Department of Actuarial Science at Bishop Heber (Autonomous) College, Tiruchirappalli, (February 12 - 13, 2025).
- Virat Nath, G. Sai Hruday, and G. Tarakeshwar. Gamification for the Financial World, *International Conference on Actuarial Data Science Innovations for Sustainable Finance and ESG (ACTCON 2025)*, Hosted by the PG Department of Actuarial Science at Bishop Heber (Autonomous) College, Tiruchirappalli, (February 12 - 13, 2025).
- Jay Singh and Aditya Mishra. Econometrics A Head Start for Startups, *International Conference on Actuarial Data Science Innovations for Sustainable Finance and ESG (ACTCON 2025)*, Hosted by the PG Department of Actuarial Science at Bishop Heber (Autonomous) College, Tiruchirappalli, (February 12 - 13, 2025).
- V. Sai Shanmukha and Datta Maharaj. Navigating the Unexpected Risk Management, *International Conference on Actuarial Data Science Innovations for Sustainable Finance and ESG (ACTCON 2025)*, Hosted by the PG Department of Actuarial Science at Bishop Heber (Autonomous) College, Tiruchirappalli, (February 12 - 13, 2025).
- Eshwar Sai and K. Sai Chetan. Micro-Business Resilience through Insurance, *International Conference on Actuarial Data Science Innovations for Sustainable Finance and ESG (ACTCON 2025)*, Hosted by the PG Department of Actuarial Science at Bishop Heber (Autonomous) College, Tiruchirappalli, (February 12 - 13, 2025).
- Prabhat Sai, Surya A., and Anand Sai. Telematics and AI in Improving Pricing and Fraud Detection, *International Conference on Actuarial Data Science Innovations for Sustainable Finance and ESG (ACTCON 2025)*, Hosted by the PG Department of Actuarial Science at Bishop Heber (Autonomous) College, Tiruchirappalli, (February 12 - 13, 2025).



- G. Hemanth Kumar and Prem Sai. XAI-Driven Cyber Risk Insurance for IoT: Addressing Privacy, Causal Inference, and Self-Healing, *International Conference on Actuarial Data Science Innovations for Sustainable Finance and ESG (ACTCON 2025)*, Hosted by the PG Department of Actuarial Science at Bishop Heber (Autonomous) College, Tiruchirappalli, (February 12 - 13, 2025).
- Manan Luthra. A Practical and Theoretical Guide to Shap for Actuaries: Implementing Any Model, *International Conference on Actuarial Data Science Innovations for Sustainable Finance and ESG (ACTCON 2025)*, Hosted by the PG Department of Actuarial Science at Bishop Heber (Autonomous) College, Tiruchirappalli, (February 12 - 13, 2025).
- Sai Kartheek. Application of GLM in Predicting Claim Frequency, *International Conference on Actuarial Data Science Innovations for Sustainable Finance and ESG (ACTCON 2025)*, Hosted by the PG Department of Actuarial Science at Bishop Heber (Autonomous) College, Tiruchirappalli, (February 12 - 13, 2025).
- C. M. Sanathana Sarathi. Estimating Unpaid Claims Using the Case Outstanding Development Reserving Technique, *International Conference on Actuarial Data Science Innovations for Sustainable Finance and ESG (ACTCON 2025)*, Hosted by the PG Department of Actuarial Science at Bishop Heber (Autonomous) College, Tiruchirappalli, (February 12 - 13, 2025).
- Loknath Reddy. A Scalable Framework for Automated IFRS 17 Compliance: Integrating Actuarial Science, Machine Learning, and Financial Reporting, *International Conference on Actuarial Data Science Innovations for Sustainable Finance and ESG (ACTCON 2025)*, Hosted by the PG Department of Actuarial Science at Bishop Heber (Autonomous) College, Tiruchirappalli, (February 12 - 13, 2025).
- Sairaj Patro. Revolutionizing Reserving: Machine Learning for Accurate Loss Triangle Completion, *International Conference on Actuarial Data Science Innovations for Sustainable Finance and ESG (ACTCON 2025)*, Hosted by the PG Department of Actuarial Science at Bishop Heber (Autonomous) College, Tiruchirappalli, (February 12 - 13, 2025).
- Sumukha Sreenidhi. Improving Fraud Detection in Health Insurance Using Variational Auto Encoders and CTGANs, *International Conference on Actuarial Data Science Innovations for Sustainable Finance and ESG (ACTCON 2025)*, Hosted by the PG Department of Actuarial Science at Bishop Heber (Autonomous) College, Tiruchirappalli, (February 12 - 13, 2025).
- C. Sai Yashwanth and V. Ram Sai Deep. Reserving for Workers' Compensation Using Chain Ladder Method & GLM, *International Conference on Actuarial Data Science Innovations for Sustainable Finance and ESG (ACTCON 2025)*, Hosted by the PG Department of Actuarial Science at Bishop Heber (Autonomous) College, Tiruchirappalli, (February 12 - 13, 2025).
- Eswar Prem. Addressing Climate Risks in the Insurance Industry: The Role of Actuaries and the Actuaries Climate Index, *International Conference on Actuarial Data Science Innovations for Sustainable Finance and ESG (ACTCON 2025)*, Hosted by the PG Department of Actuarial Science at Bishop Heber (Autonomous) College, Tiruchirappalli, (February 12 - 13, 2025).
- Sai Prabhakar. Crop Price Prediction Using Actuarial Data Science and Machine Learning Techniques, *International Conference on Actuarial Data Science Innovations for Sustainable Finance and ESG (ACTCON 2025)*, Hosted by the PG Department of Actuarial Science at Bishop Heber (Autonomous) College, Tiruchirappalli, (February 12 - 13, 2025).
- Aparna V., and Eswar Prem. Microfinance Institutions and Insurance: Building Resilience among Vulnerable Communities - Actuarial Perspective, *International Conference on Actuarial Data Science Innovations for Sustainable Finance and ESG (ACTCON 2025)*, Hosted by the PG Department of Actuarial Science at Bishop Heber (Autonomous) College, Tiruchirappalli, (February 12 - 13, 2025).
- Abhiishek Chugh. Revolutionizing Actuarial Education: The Role of AI and ML with Insights from Leading Education Partners, *International Conference on Actuarial Data Science Innovations for Sustainable Finance and ESG (ACTCON 2025)*, Hosted by the PG Department of Actuarial Science at Bishop Heber (Autonomous) College, Tiruchirappalli, (February 12 - 13, 2025).
- Arunachala Siva. Driving Innovation in the Actuarial Data Science Landscapes, *International Conference on Actuarial Data Science Innovations for Sustainable Finance and ESG (ACTCON 2025)*, Hosted by the PG Department of Actuarial Science at Bishop Heber (Autonomous) College, Tiruchirappalli, (February 12 - 13, 2025).



43rd Annual Convocation

Prasanthi Nilayam, November 22, 2024

SPECIAL ANNUAL EVENT



Sri Sathya Sai Institute of Higher Learning (SSSIHL), held its 43rd Annual Convocation at the Poornachandra Auditorium, Prasanthi Nilayam, Andhra Pradesh, on 22 November 2024 at 10 a.m. in the Divine Presence.

The Honourable Sethuraman Panchanathan, Director of the U.S. National Science Foundation (NSF), graced the occasion as the Chief Guest. A renowned computer scientist and engineer, Dr. Panchanathan serves as the 15th Director of NSF, a \$9.06 billion federal agency, and has over three decades of impactful contributions to academia, innovation, and policy. A recipient of the IEEE-USA Public Service Award, he is a member of the U.S. National Academy of Engineering, a Fellow of the National Academy of Inventors, and was conferred the Doctor of Science (Honoris Causa) by SSSIHL in 2021 for his contributions to Computer Science and Engineering in the service of society.

The Convocation began with a grand ceremonial procession led by the Registrar carrying the mace, with Vedic chants from the Taittiriya Upanishad resonating across the auditorium. Dignitaries including the Chancellor, Chief Guest, Vice-Chancellor, and members of the University's Trust and Councils entered in a solemn procession. The Convocation was declared open in the Divine Voice of the Revered Founder Chancellor, Bhagawan Sri Sathya Sai Baba.

Prof. B. Raghavendra Prasad, Vice-Chancellor, in his welcome address, highlighted the Institute's achievements – launching five new NEP-aligned programmes in Mathematical Sciences, Artificial Intelligence, and Biosciences; outstanding student and faculty recognitions, including GATE 2024 top ranks and national

awards; pioneering research in AI healthcare diagnostics, drought mapping, cancer surgery tools, and sustainability. He announced two Centres of Excellence – Sri Sathya Sai Centre for Sustainable Development and the Centre for Sri Sathya Sai Studies – and the establishment of the alumni association, Sri Sathya Sai Students.

The Hon'ble Chancellor, Shri K. Chakravarthi, IAS (Retd.), admitted 463 candidates to their degrees. Gold Medals were awarded to 22 meritorious students, and Ph.D. degrees conferred on 14 scholars.

In his inspiring address, Dr. Panchanathan creatively redefined "SSSIHL" as - Stellar minds, Selected to Serve and Impact Humanity through Love. He expounded on ten guiding "C's": Convocation (new beginnings), Curiosity (spark of discovery), Courage/Confidence (turning challenges into opportunities), Convergence (integration of disciplines), Collaboration (power of teamwork), Change (adapting with resilience), Communication (uplifting through words and deeds), Commitment (dedication to societal good), Conduit (being instruments of the Divine), and Character (the crown of all virtues).

Expanding further, he emphasized the importance of humility amidst success, the courage to innovate with responsibility, and the need for students to leverage cutting-edge technologies such as AI with discernment and ethical grounding. He reminded graduates that true leadership lies in compassion and the ability to uplift others, urging them to embrace lifelong learning, stay rooted in values, and transform challenges into opportunities to serve humanity.



The proceedings concluded with the Divine Benediction of Bhagawan Sri Sathya Sai Baba, who reminded students that education must instill wisdom, character, and a spirit of service. He urged them to harmonize thought, word, and deed, uphold human values, and live lives of purpose and inspiration. The ceremony ended with the Brass Band playing the National Anthem, followed by Mangala Aarati.

Gold Medallists

A Charan Sai

Bachelor of Commerce (Honours)

Ammineni Vishnu Sai Mokshagna

Master of Science in Biosciences

Ayyagari Sathya Sai Srikar

Master of Science in Mathematics

Dattatreya Parija

Master of Science in Chemistry

Gautam Agarwal

Master of Arts in Economics

Harshit Goyal

Bachelor of Business Administration

Kalur Lalith Aditya

Master of Science in Data Science and Computing

Krishna Kant Burman

Bachelor of Performing Arts in Music

L Sai Varun

Master of Business Administration

Mangala Prasad Sahu

Master of Technology in Computer Science

Pakala Pruthividhar Reddy

Master of Technology in Optoelectronics and Communications

Pathri Sessa Sri Manogna

Master of Science in Food and Nutritional Sciences

Reshma T

Bachelor of Education

Sai Varshini A

Bachelor of Science (Honours) in Physics

Sejal

Bachelor of Science in Food and Nutritional Sciences

Siba Prasad Ghosh

Bachelor of Science (Honours) in Chemistry

Swechha Rai

Bachelor of Arts

Ujjal Chettri

Master of Science in Physics

Valiyaparambil Vysakh

Bachelor of Arts (Hons.) in Economics

Wootla Satya Sai Sri Charan

Bachelor of Science (Honours) in Mathematics

Yadha Lama

Master of Arts in English Language and Literature

Ph.D. Awardees

Akanksha Aggarwal (Management)

Unveiling Sustainable Consumers in India: A Mixed Methods Approach to Understanding Motivations, Well-being and Behaviors

Denny Melkay M George (Physics)

Novel Low-cost Line-field Spectral Domain Optical Coherence Tomography Techniques: Applications in Vibrometry, Angiography and In-vivo Imaging

Dhavalalokeswararao (Physics)

Investigations into the Intrinsic and Extrinsic Effects on the Dielectric and Varistor Characteristics of CaCu₃Ti₄O₁₂ Ceramics

Hirak Doshi (Mathematics)

Variational Motion Estimation in Digital Images with Fluid and Rotational Motion: A New Paradigm

Patnana Durga Prasad (Chemistry)

New Insights into the Measurements of PM_{2.5} bound Aromatics, Microplastics and Metals in the Urban and Suburban Atmospheres of India

Ponapalli Prasanti Prabha (English Literature)

From Illusion Towards Realisation: An Exploration of Characters in Selected Novels of Iris Murdoch Through the Lens of the Bhagavad Gita

Prajal Chettri (Physics)

Novel Laser Micromachined Optofluidic Sensors: Design and Fabrication for Lab-on-a-chip Applications

Rokkam Siva Kumar (Chemistry)

Novel Pyrazole Acetals of Andrographolide and Structural Analogues of Curcumin as Potential Therapeutic Agents

Roshan Rai (Biosciences)

An Analysis of Dye Remediation and Bioactive Potential of Aspergillus species from Domestic Wastewater

Saivinod M S (Management)

A Study of Corporate Social Environmental Responsibility in the Indian Context

Santosh C R (Physics)

Novel and Versatile Mode-locked Fiber Laser Sources: Development, Characterization and Studies in the Noise-like Pulsed Regime

Suresh Kumar Dahal (Economics)

Understanding the Exchange Rate Dynamics of Nepal and India

V Bhaskaran (Computer Science)

A Novel Approach to Explainable AI using Formal Concept Lattice

V Sai Raam (Computer Science)

Towards Compositional Inductive Biases and Evaluation Mechanisms for Deep Neural Networks



Other Engagements

Empowering Staff through #GenAI, June 21, 2025

The Internal Quality Assurance Cell (IQAC) of Sri Sathya Sai Institute of Higher Learning (SSSIHL) hosted a one-day workshop on "Gen AI in Education and Administration - Concepts and Practice" at the Prasanthi Nilayam Campus for non-teaching staff of SSSIHL and its sister organisations. Led by PwC experts Sri Rajesh Dhuddu and Sri Sanket Waykar, the workshop showcased ethical and practical applications of Generative AI tools like ChatGPT and Gemini. Participants explored real-world use cases – ranging from drafting emails and designing logos to automating spreadsheets – through engaging hands-on sessions. The initiative reflected SSSIHL's commitment to values-based technological empowerment, ensuring innovation is embraced with responsibility.

Launch of ChampStamp: The Official Sports and Cultural Events Magazine of SSSIHL, February 12, 2025



Sri Sathya Sai Institute of Higher Learning, Prasanthi Nilayam campus, launched ChampStamp, its official sports and cultural events magazine, on 12 February 2025 at the campus auditorium. The inaugural edition was released by Vice-Chancellor Prof. B. Raghavendra Prasad. The magazine reflected the vibrant campus life, chronicling students' transformative journey through sports and cultural events. Celebrating unity, creativity, and discipline, ChampStamp highlighted teamwork, talent, and values of humility, gratitude, and service, marking a new chapter in documenting the essence of campus life.

Foundation for a New Hostel Building, Anantapur Campus, September 5, 2024

On 5th September 2024, the foundation stone for a new hostel at the Anantapur Campus of Sri Sathya Sai Institute of Higher Learning was laid, marking a major milestone in student infrastructure development. The ceremony was graced by Sri R. J. Rathnakar (Managing Trustee, SSSCT), Prof. B. Raghavendra Prasad (Vice-Chancellor, SSSIHL), and Sri Shankar Narayan Planjery, in the presence of staff, students, and dignitaries. Planned as a 1,50,000 sq. ft., five-floor facility to accommodate 1,500 students, this Teachers' Day initiative aligns with Bhagawan Sri Sathya Sai Baba's vision and forms part of the centennial celebrations.



Honouring a Lifetime of Service: Felicitation of Superannuated Faculty at SSSIHL, October 6, 2024 and January 13, 2025

Sri Sathya Sai Institute of Higher Learning honoured 37 superannuated faculty members for their decades of dedicated service at two heartfelt felicitation ceremonies (6 October 2024 and 13 January 2025). Held in an atmosphere of reverence and gratitude, the events celebrated their academic excellence, values-based

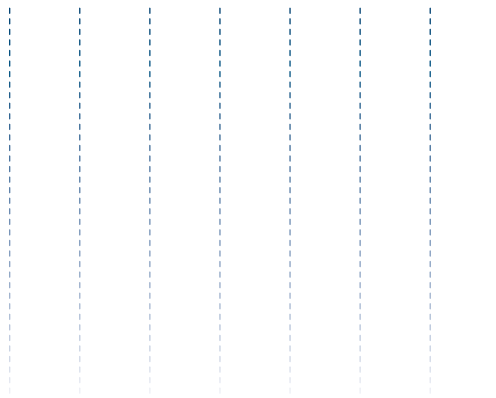


teaching, and profound impact on students' lives. Each faculty member was honoured with a shawl, memento, and citation, symbolizing the university's deep appreciation for their selfless contributions.



Physical Dimension

The physical dimension of the system comprises sports, games, jogging, exercises, yogasanas, and several matches and competitions in various individual and team games and athletic events, spread across the entire semester. All these events help keep the students physically and mentally fit and bring out the best talents from within. These activities conclude in an Annual Sports and Cultural Meet, celebrated from 11th to 15th of January every year, wherein all the campus students get together at Prasanthi Nilayam and offer a bouquet of wonderful sports, gymnastics, and adventurous performances to the Founder Chancellor Bhagawan Sri Sathya Sai Baba.



Annual Sports and Cultural Meet

January 11, 2025, Sri Sathya Sai Hill View Stadium, Prasanthi Nilayam

SPECIAL ANNUAL EVENT



The Sri Sathya Sai Educational Institutions celebrated their Annual Sports & Cultural Meet on 11 January 2025 at the Sri Sathya Sai Hill View Stadium, Prasanthi Nilayam, Andhra Pradesh. This year's meet held profound significance commemorating the Birth Centenary Year of the revered Founder Chancellor, Bhagawan Sri Sathya Sai Baba.

The event brought together over 3,500 students from institutions under the banner of the Sri Sathya Sai Educational Institutions, comprising the Sri Sathya Sai Higher Secondary School (Boys Wing, Primary Section, Girls Wing), Smt. Eswaramma High School, the Sri Sathya Sai Institute of Higher Medical Sciences College of Nursing and Allied Health Sciences, and the four campuses of the Sri Sathya Sai Institute of Higher Learning (SSSIHL - Deemed to be University). The meet, as customary, marked the culmination of sports, cultural, and fine arts competitions conducted across campuses during the year.

The proceedings of the morning session commenced at 8 a.m. with a grand ceremonial procession, motorcycle escorts, and bands from the Anantapur Campus (Women's Brass Band) and Sri Sathya Sai Higher Secondary School. The Vedam group ascended the Shanti Vedika dais, with the Chancellor, Vice-Chancellor, senior members, and student representatives offering salutations to Bhagawan. To mark the centenary, students unveiled a 100 ft x 15 ft banner with the message "100 Years of Sri Sathya Sai". The banner displayed the heartfelt birthday wishes to Bhagawan, composed and recorded by all His students across the institutions.

A March Past of 46 contingents with over 2,300 students paid homage at Shanti Vedika, followed by the hoisting of the institute

flag, the sports oath, and the lighting of the principal torch by a soaring macaw mascot. The soul-stirring renditions of the Campus bands and the mellifluous melodies of the torch song set the tone for the presentations.

Men's campuses offered diverse displays including Avatarana, Celestial Rhythms, Zorb Gymnastics, Vishwa Vaibhavam, and Emberfang. Women's campuses' performance was a spectacle of graceful and devotional displays themed as Soaring Souls, Flying High to Greet Sai, Mine and Thine, Symphony of Souls, and Ascending Angels. The session ended with Mangala Aarati.

The evening session began with a procession honouring Bhagawan. Smt. Eswaramma High School children delighted the audience with a thematic array of spectacles like Candyland, Mystic Marionette, and A Spiritual Odyssey. The Girls' Wing of Sri Sathya Sai Higher Secondary School held the spectators enthralled with their daring yet graceful show featured as Salutations to Saishwara, Daring Dynamos, Mono-cyclists, and Pyramid on Poles. The Boys' Wing and Eswaramma School added vigour with Super Strikers, Team Extreme, Nunchuc, and Sparkling Souls.

The men's campuses presented a spectacular finale – Silent Harmony with umbrella formations, the fiery Fire Event portraying Educare, Medicare, and Sociocare, and Dragon Warriors, a dazzling LED-lit Dragon Dance symbolizing strength and prosperity. The grand climax featured a golden chariot bearing Bhagawan's image, as the skies lit up with fireworks and the Birth Centenary Theme Song.

With Mangala Aarati, the 2025 Annual Sports & Cultural Meet concluded magnificently, leaving the audience deeply inspired by the vision and glory of Bhagawan Sri Sathya Sai Baba.

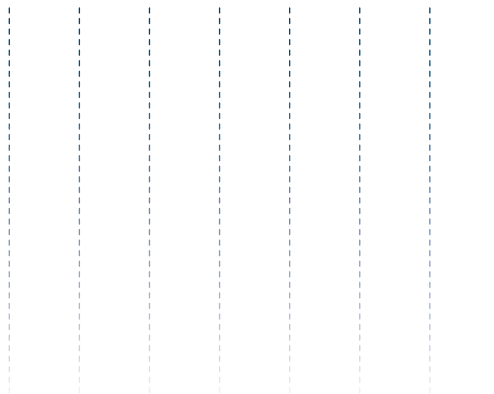






Cultural Dimension

The cultural dimension of the system includes activities such as brass band, *nadaswaram* and *panchavadyam* ensemble, vocal and instrumental music, drama and dance, rangoli and card making, photography, cartoon making and sketching, elocutions and debates, and many more. All these events build a strong emotional quotient in the students and make them good team players; even as they find an avenue for their artistic expression and nurture their hidden and manifest talents. These events also see their culmination in the Annual Sports and Cultural Meet mentioned above wherein students offer a garland of music programmes, cultural presentations, mythological plays, and dances as an offering to their Beloved Bhagawan. Festivals across global religious landscape are celebrated, reinforcing the unity among all faiths. Every student is involved in one way or another in the celebration of these festivals.



Cultural Events

Festivals & Important Days

From Asanas to Insights: Empowering Educators through Yoga, June 19-27, 2025



Sri Sathya Sai Institute of Higher Learning conducted a 9-day immersive Yoga Workshop designed to strengthen the personal and professional practices of Physical Education faculty and staff across campuses. 27 participants took part in the 27 sessions held over 9 days that covered both theory and practice – including asanas, pranayama, meditation, anatomy, yoga philosophy, and integration into physical education. The workshop reinforced SSSIHL's integral education model that nurtures the body, mind, and soul. Special highlights included expert talks by eminent yoga practitioners and academicians and a Valedictory Address by Yogathilakam Prof. Dr. Meena Ramanathan.

International Day of Yoga, June 21, 2025

Sri Sathya Sai Institute of Higher Learning celebrated the International Day of Yoga on 21 June 2025 at the Sri Sathya Sai International Centre for Sports, Prasanthi Nilayam, with participation from sister institutions. The event began with a Vedam proces-

sion and lamp lighting by Vice-Chancellor Prof. B. Raghavendra Prasad followed by talks highlighting the spiritual significance of Yoga. Sri G. R. Praveena led the Common Yoga Protocol and delivered an inspiring address in Sanskrit. Students gave vibrant demonstrations showcasing discipline and agility. Yoga experts and physical directors were felicitated, while winners of Yoga competitions were awarded, reinforcing Yoga's holistic and transformative value.

World Environment Day Celebrations, June 5, 2025



World Environment Day was observed on 5 June 2025 with the theme "Putting an End to Plastic Pollution". The programme included discussions on zero waste management and energy conservation, a plogging activity for campus cleanliness, and a sapling plantation drive promoting ecological balance. The day concluded with a friendly cricket match between staff and administration. The celebration fostered awareness, action, and unity in protecting the environment and building a greener future.





Labour Day Celebrations, May 1, 2025

Labour Day was observed at the Brindavan campus with heartfelt respect and gratitude towards the contingency staff. The event at the multimedia centre brought together staff and faculty to honour the invaluable contributions. The Campus Director and faculty members appreciated their dedication and sincerity, fostering an atmosphere of unity and inclusiveness. The programme served as a reminder of the dignity of labour and the spirit of teamwork within the campus.

Sri Sathya Sai Aradhana Mahotsavam, April 24, 2025



The 14th Sri Sathya Sai Aradhana Mahotsavam was reverentially observed on April 24, 2025, at Prasanthi Nilayam, commemorating the Mahasamadhi of the Revered Founder Chancellor, Bhagawan Sri Sathya Sai Baba. Students from all campuses, along with thousands of devotees, participated in the solemn observances. The morning commenced with the Sai Pancharatna Kritis offered by eminent Carnatic musicians, followed by inspiring talks from Sri S. S. Naganand (Member, SSSCT) and Sri Nimish Pandya (All India President, SSSSO) on surrender, transformation, and selfless love. A highlight was the launch of the Sri Sathya Sai Prema Pravahini Rathams, carrying Swami's love across Bharat. The evening featured a devotional concert by Ms. Uthara Unnikrishnan, uplifting hearts in devotion. Over 30,000 devotees were blessed to receive Annadanam and Vastradanam as Mahaprasadam, through the Maha Narayana Seva.

Sri Ramanavami, April 6, 2025

The Ramanavami celebration on 6 April 2025 at Rama Sannidhi was filled with devotion and reverence. The programme began

with melodious bhajans glorifying Lord Rama, followed by the chanting of sacred Stotrams, invoking His divine blessings. Resonant Veda chanting by the students uplifted the spiritual atmosphere, fostering peace and devotion. The active participation of students and staff reflected deep love for Lord Rama, reinforcing the institution's spiritual values and leaving behind a lasting sense of unity and sacredness.

Hostel Anniversary, Nandigiri, April 2, 2025

The Hostel Anniversary at Nandigiri Campus was observed with devotion and gratitude to Bhagawan Sri Sathya Sai Baba. The day began with soulful bhajans and prayers, fostering a serene spiritual atmosphere. The warden's address highlighted the hostel's guiding values of love, unity, and discipline, appreciating the collective spirit that nurtures students' growth and character. The celebration became a meaningful occasion of reflection, deepening gratitude to Bhagawan and reaffirming the commitment to live by His ideals.

Farewell Day, April 2025



In April 2025, all campuses of SSSIHL celebrated heartfelt Farewell events for their outgoing batches. The Anantapur Campus hosted a drama, music, and games for the Freshers. The Brindavan Campus hosted a vibrant carnival "Sayonara" and a cultural evening with music, dance, a video montage, and an inspiring address by the Warden. Prasanthi Nilayam Campus themed its farewell as "Vayuputra Airlines", blending fun, creativity, and cultural showcases. At Nandigiri Campus unique experiences, performances, and a multimedia tribute culminated in dinner, leaving cherished memories of love, gratitude, and unity.





Anantapur Campus



Brindavan Campus



Nandigiri Campus



Prasanthi Nilayam Campus

Expression of Gratitude - Offering by Outgoing Students, March - April 2025

The outgoing batches from all campuses offered programs expressing their heartfelt gratitude at Bhagawan's Lotus Feet in Sai Kulwant Hall, Prasanthi Nilayam. Brindavan Campus students presented "*Sang Raho Sai*", an evening of music, skits, and reflections; Anantapur Campus offered "*Nithya Sakthivam*" with soulful songs and band pieces; Nandigiri Campus staged

"*Dil Ki Dua*" with a moving skit, songs, and narrations; while Prasanthi Nilayam Campus presented "*Vidyarthiyaham Sayeeswarasya*", featuring music, shadow play, and creative depictions. Though varied in expression, all programmes radiated devotion, thanksgiving, and commitment to live by Bhagawan's ideals.

Batch Day, Brindavan, March 31, 2025

On 31 March 2025, the Brindavan Campus celebrated Batch Day with enthusiasm and heartfelt emotions in the college auditorium. The self-decorated venue set the tone for an evening of cultural performances, speeches, and recollections of cherished memories. Faculty members shared motivating and affectionate messages, strengthening the student-teacher bond. The celebration concluded with a collective Aarati, creating a serene, spiritual atmosphere. The event was a fitting blend of gratitude, reflection, and joy, marking a memorable farewell to the graduating students.

Ugadi Celebration, March 30, 2025

Ugadi was observed with devotion and festive spirit at all the hostels, beginning with Vedic prayers in beautifully decorated halls, followed by a special lunch of traditional Andhra and Karnataka delicacies. Students celebrated the New Year with joy, gratitude, and unity. At the Sai Kulwant Hall, Prasanthi Nilayam, the day featured the traditional Panchanga Shravanam by Dr. Vedantam Rajagopala Chakravarthi and Bhagawan's Divine discourse, highlighting the essence of karma and good actions. Bhajans and Mangala Aarati concluded the auspicious Ugadi celebrations.

International Women's Day Celebrations, March 8, 2025



The Women's Campus of SSSIHL, with the Gender Sensitisation Cell, celebrated International Women's Day through yoga, pranayama, and guided meditation sessions by Dr. Kironbala Arora and Ms. K. Hemalatha. Prof. Rani P. L. shared insights from Bhagawan Sri Sathya Sai Baba. The evening featured a vibrant "Women on Wheels" rally, friendly badminton matches, and games promoting fitness, empowerment, and camaraderie.

Shivarapanam - A Dance Performance by the Prasanthi Dance Club, March 8, 2025

The Prasanthi Dance Club, rooted in the Prasanthi Dance Group founded by Bhagawan in 2006, nurtures students' skills in Indian classical and folk dance while spreading His message of love and service. On 8 March 2025, the club performed Shivarapanam during the morning prayer at Prasanthi Nilayam. The Bharatanatyam presentation depicted Shiva Panchakshari Stotram and Ardhanareeswara Stotram, expressing cosmic power, divine union, and the balance of energies. The performances combined devotion, rhythm, and aesthetic beauty, leaving the audience spiritually inspired and moved.

Maha Shivaratri, February 26, 2025

Maha Shivaratri was celebrated with devotion and grandeur at Prasanthi Nilayam, with enthusiastic participation from students from all campuses. The Card Room team offered handcrafted cards, including a depiction of Kedarnath Temple, while students

contributed 25 articles and sketches to the special Sai Chandana edition. Vibrant music offerings included an instrumental ensemble by Nadaneeranjanam and a traditional Panchavadyam performance. The highlight was the 12-hour Akhand Bhajan in the Mandir, where students led devotional singing with fervour, concluding with prasadam distribution.

16th Foundation Day of the Nandigiri Campus, February 14, 2025

On 14 February 2025, the Nandigiri Campus, celebrated its 16th Foundation Day, commemorating the divine moment when Bhagawan Sri Sathya Sai Baba laid its foundation to nurture pracharaks of love and service. The day began with the sacred Ekadasha Rudra Abhishekam, filling the campus with spiritual fervour. The evening featured a vibrant light show, soulful qawwali, and instrumental mashup, alongside the first anniversaries of Eco Einsteins NDG and NDG Tapes, highlighting innovation and creative expression.



Anantapur Campus



Brindavan Campus



Nandigiri Campus



Prasanthi Nilayam Campus

Republic Day Celebrations, January 26, 2024

The 76th Republic Day celebrations at Sri Sathya Sai Institute of Higher Learning were observed across all campuses with patriotic fervour. At the Anantapur Campus, the Director hoisted the National Flag, followed by a patriotic song and an inspiring speech on India's freedom struggle and the Constitution. At the Nandigiri Campus, Chief Guest Cpt. V. K. Kadam emphasised discipline, dedication, and selfless service, urging students to emulate soldiers' sacrifices. The Brindavan Campus featured an

inspiring address by Col. Arun Malhotra, a heartfelt Hindi speech by Raj Rakesh, and spirited brass band renditions. At Prasanthi Nilayam, Group Captain K. K. V. Yaras (Retd) urged students to cherish the sacrifices of jawans, even spend a night with them to witness their dedication, and take responsibility to live as honest citizens, upholding justice, integrity, and spiritual values in thought, word, and action.



Retreat Celebration, Nandigiri, January 25, 2025

On 25 January 2025, the Nandigiri Campus celebrated its Retreat, marking the close of the Annual Sports and Cultural Meet with warmth and camaraderie. The evening featured a campfire and open-sky dining amidst a vibrant stage setting. Students and faculty shared reflections of gratitude and memorable experiences, while creative skits and lighthearted moments added joy. Speeches highlighted teamwork, growth, and unity, making the celebration a soulful and inspiring conclusion to the campus's memorable sporting and cultural journey.

Christmas Celebration, December 25, 2024



Christmas celebrations across campuses were marked by music, service, and festive joy. From little children dressed as angels and Santas distributing treats, to heartfelt choir renditions and campus music groups presenting Christmas classics, the celebrations reflected harmony and love. At Prasanthi Nilayam, students sang Christmas carols, the Brass Band performed spirited pieces, Santas distributed chocolates, and the ceremonial cake was blessed at Swami's Sannidhi. Brindavan hosted a vibrant evening with a music group rendering carols like Silent Night and How Great Thou Art, followed by a lively Brass Band and Santa distributing sweets. Nandigiri students began with "Merry Moments" at Bandahalli village, spreading cheer, and later hosted carols, and an outdoor dinner. Across campuses, students' offerings reflected unity, love, and gratitude.

Celebrations of Revered Founder Chancellor's 99th Birthday, November 23, 2024



The 99th Birthday of the Revered Founder Chancellor Bhagawan Sri Sathya Sai Baba was celebrated with grandeur at Prasanthi Nilayam on 23 November 2024. The Hon'ble Governor of Andhra Pradesh, Sri S Abdul Nazeer, and Sri Satya Kumar Yadav, Minister of Health, graced the morning programme in Sai Kulwant Hall, which featured devotional music and inspiring speeches. Students from all campuses actively participated, presenting birthday cards, leading bhajans, Vedic chants, and musical bands, adding youthful devotion to the offering. The evening witnessed

the majestic Golden Chariot procession, enriched by student-led chanting and music, followed by sublime Carnatic recitals, creating a deeply spiritual and uplifting celebration.

Vigilance Awareness Week, October 28 - November 3, 2024

SSSIHL observed Vigilance Awareness Week from October 28 - November 3, 2024, with a video on preventing corruption and a pledge ceremony by students, faculty, and staff. Prof. Rani P. L., Director, Anantapur Campus, emphasised integrity, ethical responsibility, and inspiration from the Founder Chancellor's teachings. The event reinforced SSSIHL's commitment to transparency, accountability, and building a corruption-free society through values-based education and active participation in ethical nation-building.

National Unity Day, November 1, 2024



National Unity Day was celebrated on November 1, 2024, honouring Sardar Vallabhbhai Patel's vision of a united India. The programme featured introductory remarks by a student, a video on unity in diversity, and a Unity Pledge. Prof. Rani P. L., Director, Anantapur Campus, inspired students to embrace inclusivity and solidarity. The event concluded with Mangala Aarati, reinforcing patriotism and commitment to national integrity.

Dussehra, October 12, 2024



The students across campuses celebrated the nine-day Dussehra festival with devotion, spiritual learning, and cultural expression. The festivities commenced with the Veda Purusha Saptaha Jnana Yagna, immersing students in Vedic wisdom through sacred chants and discourses. Each evening, the Prasanthi Vidwan Maha Sabha featured eminent scholars sharing insights from scriptures and traditions. At the Narayana Vanam temple, devotional offerings included soulful vocal music, Nadaswaram recitals, and graceful dance presentations by the Prasanthi Dance Group. Students also undertook the Durga Sapthasathi Parayanam, observing discipline and austerity throughout. The celebrations

culminated with a grand musical presentation, Siva Shakti, in Sai Kulwant Hall, blending stirring vocals with a captivating instrumental jugalbandi, leaving devotees uplifted and inspired

Dashain Festival, October 12, 2024



SSSIHL celebrated Dashain on October 12, 2024, symbolising the triumph of good over evil. The festivities began with a puja, bhajans, and the traditional tika ceremony, fostering sisterhood and belonging. Students showcased Nepalese and northeastern cultural traditions through soulful Nepali songs and the vibrant 'Ghatu' dance. The celebration concluded with an authentic Dasai dinner, creating a home-like atmosphere while nurturing unity, cultural appreciation, and bonds among students from diverse backgrounds.

Space Club Celebrates World Space Week at the Sri Sathya Sai Space Theatre, October 11, 2024

On 11 October 2024, as part of World Space Week celebrations, the Space Club organised a visit to the Sri Sathya Sai Space Theatre, Prasanthi Nilayam, for students, research scholars, and faculty. Participants experienced a special planetarium show, "100 Years of Eternity: The Story of the Projection Planetarium", celebrating the 100th anniversary of the planetarium projector. The immersive presentations showcased cosmic phenomena on the dome, offering an educational and awe-inspiring experience that deepened understanding and appreciation of the universe's wonders.

Dussera Devotional Melodies by Saaz-e-Dil, October 9, 2024

As part of the Devi Navaratri celebrations at the Senior Boys Hostel, the Musical Club Saaz-e-Dil presented a devotional music program on 9 October 2024, led by Praneeth Satya Sai (II BPA) and his team. The performance opened with a Carnatic Varnam in Raagam Nattakurinji set to Adi Taalam, followed by Krithis in Raagam Amritha Vashani (Roopaka Taalam) and Raagam Hamsanadam (Adi Taalam). The program concluded with a lively Thillana in Raagam Brindavani Saarang (Adi Taalam), leaving the audience spiritually inspired and uplifted.

Bathukamma Festival Celebration, October 4, 2024



On 4th October 2024, the Anantapur Campus joyfully celebrated the Bathukamma festival, reflecting Telangana's rich cultural heritage. Students, guided by faculty, crafted a vibrant flower-adorned Bathukamma and performed traditional songs and dances with great enthusiasm. The celebration concluded with the idol's immersion in the campus pond, led by the Director and Warden. The event highlighted the students' devotion to Indian traditions and nature, fostering unity, cultural pride, and reverence for heritage across the campus community.

Hatha Harmony Yogasana Club - Prasanthi Nilayam, September-October 2024

The Hatha Harmony Yogasana Club at SSSIHL fostered holistic well-being through yoga, combining physical, mental, and spiritual practices. Entirely student-led, it conducted regular morning yoga sessions on weekdays and theory classes every Saturday, along with meditation and access to a yoga library. Special programs included calisthenics training (10-20 October 2024), a Yoga Asana Competition (18 October 2024), and cleansing yoga kriyas (21 October 2024), promoting discipline, resilience, and self-awareness. A Value-Added Course in Yoga (Levels 1 & 2) was completed on 20 September 2024 by 34 students. These initiatives helped integrate yoga into daily life, nurturing inner balance and spiritual growth.

Birth Anniversary of Shirdi Sai Baba, September 29, 2024

On September 29, 2024, the Anantapur Campus reverently celebrated Shirdi Sai Baba's birth anniversary. The Shirdi Baba Mandir was beautifully decorated by students, creating an aura of devotion. Soulful bhajans filled the evening with spiritual fervour, followed by prasadam distribution. The students' wholehearted involvement reflected deep reverence, unity, and the devotional spirit nurtured at SSSIHL.

Onam Celebrations, September 22, 2024



Onam was celebrated with joy and cultural fervour across campuses, filling the air with festive spirit and togetherness. Students adorned spaces with vibrant Pookalams and traditional decorations. A highlight of the event was the sumptuous Onam feast, featuring authentic Kerala dishes prepared and shared with love. Melodious Onam songs and cultural programs highlighted the festival's heritage, while a special presentation in Kulwant Hall explored its deeper spiritual significance as highlighted by Bhagawan Sri Sathya Sai Baba. The celebrations fostered unity, joy, and cultural appreciation.



Vana Mahotsavam Celebrations, September 17, 2024

The Nandigiri Campus celebrated Vana Mahotsavam on 17 September 2024 with enthusiasm and environmental consciousness. Students, staff, and management planted saplings, symbolising collective responsibility towards a greener future. The Director,

administration, and faculty addressed the gathering, emphasising the importance of planting trees for ecological balance and urging active participation in conservation efforts. The celebration concluded with the chanting of Om Shanti, inspiring participants to nurture nature and uphold environmental responsibility for future generations.



Administrative Office



Anantapur Campus



Brindavan Campus



Nandigiri Campus



Prasanthi Nilayam Campus

Ganesh Chaturthi Celebrations, September 7-9, 2024

The Sri Sathya Sai Institute of Higher Learning celebrated Ganesh Chaturthi 2024 with deep devotion, creativity, and community spirit across all its campuses. The week-long festivities began with the Pran Pratishtha of beautifully crafted idols of Lord Ganesha, installed in hostels and prayer halls through sacred Vedic chanting and offerings.

A hallmark of the celebrations was the creativity of the students. At Prasanthi Nilayam Campus, teams collaborated to design elaborate themed chariots such as the Car Chariot, a Peacock Chariot, and a Marine Life Chariot, combining symbolism with artistry. At Nandigiri Campus, four unique idols were crafted by different batches of students, while the Brindavan Campus featured devo-

tional stotram recitations and the Annual Cultural Vocal Music Competition, blending art and spirituality. Anantapur Campus emphasised eco-friendly practices with a clay idol immersion in the campus pond, complemented by vibrant Kolattam and Lezim performances.

The culmination of the festival at each campus was the grand Ganesh Visarjan procession. With rhythmic Vedam chanting, bhajan singing, and dynamic cultural displays – including martial arts demonstrations, dance, and traditional music – students bid farewell to their beloved Lord with reverence and joy. The celebration across all campuses was an embodiment of unity, discipline, gratitude, and harmony.



Krishna Janmashtami, August 26, 2024

Krishna Janmashtami was celebrated with devotion, joy, and cultural vibrancy across all campuses. At Brindavan, festivities included a sacred procession with Vedam chanting, a Matka-breaking competition, and a creative altar-making contest, culminating in bhajans and a festive dinner. Prasanthi Nilayam witnessed a colourful procession with cows, devotional music, and the



much-anticipated pot-breaking ceremony, drawing cheers and camaraderie. At Nandigiri, the day began with Veda chanting, bhajans, and inspiring talks, followed by Kabaddi matches and the traditional Dahi Handi. Across campuses, the celebrations beautifully blended tradition, devotion, and unity, honouring Lord Krishna's birth while strengthening the spiritual and cultural fabric of student life.

Teacher's Day Celebrations, September 6, 2024



Sri Sathya Sai Institute of Higher Learning celebrated Teacher's Day with devotion, gratitude, and creativity. The program featured Veda chanting, inspiring student speeches, cultural performances, and a thought-provoking drama addressing social issues like child marriage and orphanhood, underscoring the transformative power of education. Interactive activities and heartfelt tokens of appreciation expressed students' love for their teachers. The celebrations reflected the institute's values of reverence, gratitude, and the sacred student-teacher bond, honouring both academic and moral guidance.

Anti-Ragging Week, August 12-17, 2024

Sri Sathya Sai Institute of Higher Learning observed Anti-Ragging Week 2024 across its campuses through awareness programmes, cultural activities, and student-led initiatives promoting a safe and inclusive environment. At Prasanthi Nilayam, sessions on the ethical and legal implications of ragging, a campus-wide affidavit pledge, Vedic chants, and the cultural event Saaz-E-Dil emphasised unity and brotherhood. Anantapur Campus marked National Anti-Ragging Day with presentations, competitions, and a powerful mime, SAVE - Society Against Violence in Education. The week fostered awareness, compassion, and responsibility, reinforcing SSSIHL's ethos of discipline, dignity, and mutual respect in education.





Anantapur Campus



Brindavan Campus



Nandigiri Campus



Prasanthi Nilayam Campus

Independence Day Celebrations, August 15, 2024

Sri Sathya Sai Institute of Higher Learning celebrated the 78th Independence Day of India with patriotic fervour, reverence, and unity across all its campuses.

At the Prasanthi Nilayam Campus, Vice-Chancellor Prof. B. Raghavendra Prasad delivered an inspiring address, paying homage to freedom fighters and highlighting India's journey towards becoming a Viksit Bharat by 2047. He drew on Bhagawan Sri Sathya Sai Baba's message, urging students to foster unity and dedicate themselves to service. The Brindavan Campus hosted Air Commander (Retd.) Ashit Mehta, a Kargil War veteran, as Chief Guest. Following the flag hoisting and National Anthem, he spoke on

courage, sacrifice, and youth responsibility in nation-building. Student speeches and the Campus Director's message further deepened the spirit of patriotism.

At the Anantapur Campus, the ceremony featured a colourful parade, soulful music, and the felicitation of defence veterans Sri Ramnarain Khanuja (IAF) and Sri S. S. Bhandari (Navy), honouring their selfless service. The Nandigiri Campus observed the day with cultural programmes, including a student drama and a video tribute to freedom fighters, alongside an address by Chief Guest (Retd.) Group Captain K. K. V. Yavas. Across campuses, the unfurling of the tricolour, patriotic songs, and inspiring addresses reflected gratitude, unity, and commitment to the nation's progress.

Swaraj Ki Oar: Unveiling the Spirit of India's Freedom Struggle, August 15, 2024

On 15 August 2024, SSSIHL staged "Swaraj Ki Oar: Unveiling the Spirit of India's Freedom Struggle", a moving drama exploring the deeper essence of independence. The story, framed through a writer's quest, highlighted the contributions of Pingali Venkayya, Baba Ramchandra, and Subhash Chandra Bose, symbolising unity, courage, and sacrifice. More than political freedom, the play emphasised Swaraj as self-mastery and integrity. It celebrated not only iconic leaders but also the common people whose collective spirit won India her independence.



Expressions of Freedom: Freshers' Talent Showcase, August 15, 2024



The freshers of Sri Sathya Sai Institute of Higher Learning presented a vibrant talent show, "Search for Talent", featuring 96 participants. The event was a celebration of cultural diversity and creativity, brought alive through a dynamic blend of performances. Highlights included Kabuki theatre, Indian classical dance, singing, rapping, acrobatics, hula-hoop artistry, and skating, each reflecting unique skills and artistic expression. The seamless fusion of traditional and contemporary forms created an engaging cultural confluence. The program showcased the universal language of art, uniting varied talents in a spectacular display of innovation and harmony, and reaffirming the spirit of creativity that transcends all boundaries.

Partition Horrors Remembrance Day, August 14, 2024



Sri Sathya Sai Institute of Higher Learning observed Partition Horrors Remembrance Day with a solemn program in the auditorium. The event featured a documentary on the partition and a moving keynote address by Retd. Flight Lt. Sri Ram Narain Khanuja, a partition survivor, whose testimony deeply impacted the audience. Prof. Rani P. L., Director, delivered the concluding remarks and felicitated the guest. The program, coordinated by III B.A. History students, underscored the tragic tales of partition and lessons in empathy.



Guru Poornima Celebrations, July 21, 2024

Guru Purnima was celebrated with devotion at Prasanthi Nilayam, beginning with soulful offerings by students through percussion, vocal, and a special Guru Vandana ensemble. Sri S. S. Naganand, (Member, SSSCT) and Sri Nimish Pandya (All India President, SSSSO), inspired the gathering with messages on the

significance of the Sadguru and the path of love and service. Chief Guest, Hon'ble Governor of Himachal Pradesh, Sri Shiv Pratap Shukla, emphasised Guru Bhakti, unity, and seva, launching a Divyangjan Seva Project.





Jai Jagannath Rathayatra, Nandigiri, July 7, 2024

On 7 July 2024, the annual Jai Jagannath Rath Yatra was celebrated at the Nandigiri Campus hostel prayer hall with devotion and joy. Students prepared rangolis, floral decorations, and a chariot for the deities, creating a festive atmosphere. The event began with a musical offering and a vibrant procession with chants of "Jai Jagannath, Jai Sai Jagannath". A video on the festival's significance enriched the freshers' experience, making it a memorable cultural celebration that fostered unity and pride.

Deeksharambh - Student Induction Programme, July 2024

Sri Sathya Sai Institute of Higher Learning conducted Deeksharambh, the UGC-mandated Student Induction Programme, across campuses to help freshers adjust, connect, and find purpose. The programme covered SAGE – Socialising, Associating, Governing, and Experiencing – through expert talks, departmental visits, orientation to rules, academics, and facilities. Sessions highlighted sports, skill-building, creative pursuits, and universal values, fostering discipline, teamwork, and cultural integration. Anchored in the vision of the Founder Chancellor, Bhagavan Sri Sathya Sai Baba, the initiative ensured a smooth transition for new entrants.



Freshers' Day Celebrations, July 2024

Freshers' Day across campuses warmly welcomed new students into the hostel and academic community, blending fun, culture, and values. The celebrations featured engaging games, team-building activities, and interactive sessions designed to break the ice and foster camaraderie among freshers, seniors, and faculty. Evening cultural programs, fully managed by freshers, showcased skits, dances, music, and drama, reflecting creativity and teamwork. Special meals and festive arrangements added to the warmth. Inspirational addresses by campus leaders emphasised hostel life, unity, and holistic development, making the day a memorable beginning for every new student.

Music Programs by Saaz-e-Dil, Prasanthi Nilayam, 2024-2025

Between 8 July 2024 and 28 March 2025, the Musical Club Saaz-e-Dil organised a series of Monday Morning Music Programs at Prasanthi Nilayam. Highlights included devotional bhajans by Kalpataru Sahoo (8 July 2024) and B. Adarsh Kumar (10 March 2025), a Carnatic music session by Praneeth Satya Sai (25 October 2024), a patriotic composition for Republic Day (26 January 2025), a vibrant Brass Band performance (28 March 2025), and a Nadaswaram fusion recital (3 February 2025). Each session combined vocals and instruments, blending tradition and creativity to inspire devotion, patriotism, and musical appreciation among the audience.





Cultural Presentations

Annual Sports and Cultural Meet,
Prasanthi Nilayam, January 13-15, 2025

SPECIAL ANNUAL EVENT

Students offered a series of inspiring cultural presentations at the Sai Kulwant Hall, as part of the Annual Sports & Cultural Meet 2025 at Prasanthi Nilayam.



On 13 January 2025, the students of the Anantapur Campus presented **Melodic HIStory**, a unique medley of musings, music, and messages that lovingly narrated the life of Bhagawan Sri Sathya Sai Baba. Through a heartfelt satsang interwoven with sacred memorabilia and captivating tales, the presentation transported the audience back to the cherished days of His physical presence. The melodious tunes and reflective narration evoked deep devotion, inspiring all to renew their spiritual resolutions.

On 14 January 2025, the students of the Men's Campuses of SSSI-HL offered **Avatāra Vaibhavam**, a soul-stirring drama depicting the journey of Chaitanya, a gifted musician who loses his voice and career. Faced with this trial, he embarks on a transformative path of self-discovery, guided by faith, patience, and inner strength. The drama beautifully portrayed how surrender, determination, and devotion lead to ultimate healing and the supreme blessing of Divine grace and proximity.

On 15 January 2025, the students offered a grand musical symphony titled **Paramamrita - Supreme Nectar of Love**. Featuring over 100 student performers, the presentation was a rich confluence of Eastern and Western traditions – resonant brass band pieces, melodious vocals, rhythmic percussion, and soulful strings. Each segment celebrated a unique facet of Divine love, culminating in a collective outpouring of gratitude to Bhagawan for a century of His boundless love and guidance.

These cultural offerings, marked by devotion, artistry, and deep spiritual significance, stood as heartfelt tributes to the Revered Founder Chancellor, Bhagawan Sri Sathya Sai Baba on the occasion of Centenary celebrations, leaving the audience inspired and uplifted.



Drama Presentation

43rd Annual Convocation, Prasanthi Nilayam,
November 22, 2024

SPECIAL ANNUAL EVENT

Tat Twam Asi - Celebrating the Spirit of Integrity

As part of the 43rd Annual Convocation of Sri Sathya Sai Institute of Higher Learning, the students staged the drama *Tat Twam Asi - Celebrating the Spirit of Integrity* on 22 November 2024 at the Poornachandra Auditorium, Prasanthi Nilayam. Conceived, scripted, and enacted entirely by the students as an offering of love and gratitude to the Revered Founder Chancellor, Bhagawan Sri Sathya Sai Baba, the play delivered a powerful message on the importance of integrity in today's world.

The narrative followed Sathya, a man torn between the tempting promises of wealth, recognition, and power, and the quiet yet insistent call of his conscience. His inner struggle highlighted the universal dilemma faced when choosing between fleeting material success and the enduring path of principle.

With its profound message, the drama reminded the audience that true strength lies not in external achievements but in steadfast adherence to values, even amidst challenges. The moving performances, impactful script, and soulful direction made the play a mirror for all, inspiring reflection on the timeless relevance of integrity.



Prize Distribution Ceremony

Annual Sports and Cultural Meet,
Prasanthi Nilayam, January 14, 2025

SPECIAL ANNUAL EVENT



Prasanthi Nilayam, January 14, 2025

The Prize Distribution Ceremony of the Annual Sports & Cultural Meet 2025 of the Sri Sathya Sai Educational Institutions was held on 14 January 2025, coinciding with Makara Sankranti, at the Sai Kulwant Hall, Prasanthi Nilayam, Andhra Pradesh. The institutions include the Sri Sathya Sai Higher Secondary School (Boys Wing, Primary Section, Girls Wing), Smt. Eswaramma High School, the Sri Sathya Sai Institute of Higher Medical Sciences College of Nursing and Allied Health Sciences, and the four campuses of the Sri Sathya Sai Institute of Higher Learning (Deemed-to-be University).

The programme commenced at 8:20 a.m. with a grand ceremonial procession led by the Chancellor and Vice-Chancellor of SSSIHL, accompanied by the Institute's brass band, Vedam chanting, and a flag-bearing squad. Sri Ritwik Chandra Pandey, Doctoral Research Scholar, Dept. of Mathematics & Computer

Science, SSSIHL, served as Master of Ceremonies, highlighting the spiritual and transformative essence of the Sports Meet as an offering of love and unity to Bhagawan Sri Sathya Sai Baba.

Student speakers included Sri Chittoory Sai Krishna (Class XII, SSSHSS), Ms. Harisri Narayanan (III B.Sc. Chemistry, Anantapur Campus), Sri Rituraj Pradhan (II M.Sc. Data Science, Nandigiri Campus), Sri Kolla Vinay Sai (II MBA, Brindavan Campus), and Sri Skanda Krishna (II M.Sc. Bioscience, Prasanthi Nilayam Campus). They shared personal experiences of overcoming fear, performing daring feats, and achieving excellence through Bhagawan's grace, stressing humility, teamwork, and selfless love.

Dr. Sai Shyam, Assistant Professor, Dept. of Mathematics & Computer Science, SSSIHL, reflected on unity across campuses, international participation from coaches in Singapore and Russia, and the centenary banner of love. He poetically described the Meet as a journey of illumination anchored in Bhagawan's love.



The award presentations began with Sri K. Chakravarthi, IAS (Retd.), Chancellor, SSSIHL, conferring the Founder Chancellor's Cups of Love. Sri R. J. Rathnakar, Managing Trustee, Sri Sathya Sai Central Trust, presented House and Individual Championship trophies to students of the schools. Prof. B. Raghavendra Prasad, Vice-Chancellor, SSSIHL, awarded the House and Individual Championships to the campuses.

The ceremony honoured 1533 prize winners, distributing 137 Gold, 97 Silver, and 94 Bronze medals, alongside 32 Championship trophies in athletics, cultural, and fine arts events. For the Higher Secondary School, awards included Sub-junior, Junior, and Senior Individual Championships, House Championships, Games Cup, Talent Search Programme Cup, and the Overall Championship.

In His Divine Benediction, Bhagawan Sri Sathya Sai Baba emphasized Sankranti's inner meaning: transformation, purity, sacrifice, and youth embracing discipline and spiritual values. He cautioned against commercialization of music and sports, urging sincerity, devotion, and gratitude.

The event concluded with performances by the Anantapur and Prasanthi Nilayam Brass Bands, bhajans, prasadam distribution, and Mangala Aarati to Bhagawan, leaving an enduring inspiration for students to uphold His ideals of love, unity, and excellence.

2025 Sports Meet Champion List

Athletic Champions

Ronak Thapa	UG	Prasanthi Nilayam
Amarjith PK	PG	Prasanthi Nilayam
Akshat Singh	UG	Nandigiri
Sangeetrao Venkat Saiguru Kartik	UG	Brindavan
Jagarajupalli Pavan Kumar Reddy	PG	Brindavan
Sanaka Veditha	UG	Anantapur
Yelubandi Sri Naga Mallika	PG	Anantapur

Cultural Champions

Siba Charan Das	PG	Prasanthi Nilayam
Shaurya Rishie Nundlal	UG	Prasanthi Nilayam
Prashanth Kumar	UG	Nandigiri
Suryaprakash Bharaadwaj	UG	Brindavan
Sairaj Pany	PG	Brindavan
Akshra H	UG	Anantapur
Saipriya Babu	PG	Anantapur

Fine Arts Champions

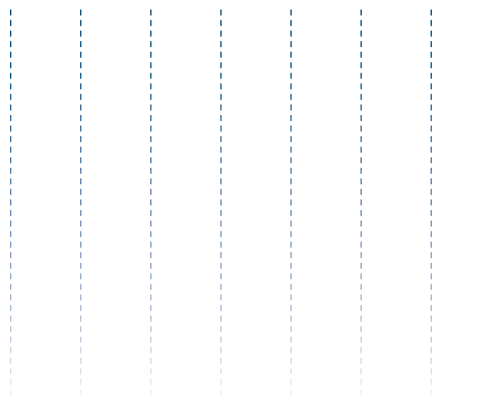
V Anusha	UG	Anantapur
Pathak Maitree Jaykumar	PG	Anantapur





Service Dimension

The service dimension of the system consists of self-reliance departments covering areas like electricals, plumbing, audiovisuals, multimedia, dispensary, hostel mess, arts and crafts, and many more. Community living in the hostel where students live in dormitory-styled accommodation with other students from totally different backgrounds (for a minimum of two years and up to five or more years), propels students to develop understanding and adjustment and cultivate the habit of regular selfless service. All dining sessions are managed and organised by students. Apart from this, students engage in regular cleaning of their rooms, and classrooms, upkeep of sports grounds, gardening, and so on. Service activities in nearby villages are also taken up with a two-fold objective: a) making an impact on the village folk, and b) sensitising the students to opportunities of service that lie before them. The philosophy of service at SSSIHL is based on the concept that divinity pervades all of humanity, and hence when you serve others, you are serving the Divine. Students learn to serve without expecting anything in return while experiencing the deep inner satisfaction of serving others.



Community Service

Skill Enhancement Programme for Visually Challenged Students, Anantapur, May 1-30, 2025

As part of community outreach, the Anantapur Campus conducted a one-month skill enhancement programme for visually challenged students at the Meenakshamma Inclusive Development Centre in Anantapur, initiated by alumna Ms. Rama Devi and coordinated by Ms. K. Hemalatha. A team of seventeen, including faculty members and research scholars, offered daily sessions on computer literacy using TalkBack and spoken English. The training enhanced confidence and digital skills of the students, while sensitising volunteers to the challenges of the visually impaired. The campus aims to design a sustainable follow-up training module as part of its regular outreach activities, with the continued grace and inspiration of our Founder Chancellor Bhagawan Sri Sathya Sai Baba.



Project Cheyutha, Anantapur, April 29, 2025



Initiated in 2017, Project Cheyutha at the Anantapur Campus supports children of campus contingent staff with English, arithmetic, and homework. Conducted daily, it fosters learning and values such as truth and respect. Coordinated by Ms. Jyothirmayi and Ms. Harika (II MBA), with active participation from I & II MBA students, sessions included interactive learning, educational games, stationery distribution, bhajans, etc. The concluding session of Project Cheyutha, 2024-25 was graced by the Director of

the campus and faculty members from the Dept. of Management and Commerce reflecting on Bhagawan's vision of value-based education.

Adult Education Program, Anantapur, March 26, 2025

On 26th March 2025, the II B.Ed. students organized an impactful Adult Education Program for the campus contingent staff. The event began with an invocation prayer and a welcome address by Ms. Lavanya, followed by student-led sessions on cybersecurity, emphasizing safe digital practices and the risks of cyber fraud. A hands-on demonstration on secure online transactions using Google Pay was also conducted. Students explained key government schemes like Pradhan Mantri Health Insurance and Beti Bachao, Beti Padhao. The concluding Q&A session enhanced understanding, with students pledging continued support to help staff access these benefits.

Narayana Seva, Anantapur, September 2024 - March 2025

During the academic year 2024-25, students of the Anantapur Campus actively engaged in multiple Narayana Seva activities. Guided by faculty, they served food in nearby villages, slums, and anatha ashrams, offering bhajans, Aarati, and Brahmaarpanam to sanctify the act. Recipients were encouraged to chant the Lord's Name before partaking of the prasadam. Deeply touched by the joy and gratitude expressed, students were schooled in empathy, humility, and unity, strengthening their commitment to Bhagawan's ideal of selfless love and service.



Swachh Bharat Initiative, Brindavan, March 5, 2025

Students of CTF 4, at the Brindavan Campus, undertook a cleanliness drive at bus stops along the busy Whitefield-Hoskote Road, addressing concerns of daily commuters. Equipped with gloves and masks, students cleaned and segregated waste into compostable and non-compostable categories. Locals expressed gratitude for the effort. The initiative instilled values of cleanliness,

sustainability, and public responsibility in students, reflecting Swami's message of selfless service while creating greater community awareness about maintaining hygiene in public spaces.



Visit to a Senior Citizens' Home, Nandigiri, February 16, 2025

As part of their Seva and social responsibility initiative, final-year undergraduate and postgraduate students of the Nandigiri Campus visited the Nandi Old Age Home. The programme included soulful bhajan-satsang, meaningful conversations, and moments of companionship with the residents. The visit created a bridge of empathy and emotional connection, offering students valuable lessons in humility and service while bringing joy, comfort, and a sense of belonging to the elderly. It reflected Swami's ideal of selfless love in action.



Christmas Day in the Village, Nandigiri, December 25, 2024

On Christmas Day, students of the Nandigiri Campus celebrated the festival with children in a nearby village. Dressed as Santa Claus with festive costumes and makeup, students carried the spirit of love and giving. Fruits and sweets were distributed, filling the village with laughter, cheer, and festive joy. The initiative brought smiles to many faces and reinforced the values of compassion, sharing, and community bonding, reflecting the true essence of Christmas and Swami's message of selfless love.

Environmental Awareness - Cleanliness Drive, Prasanthi Nilayam, August 2024-March 2025

As part of its commitment to environmental care and cleanliness, students of the Prasanthi Nilayam Campus participated in a campus-wide cleanliness drive. The initiative focused on reorganising classrooms and departmental storerooms, de-cluttering spaces,

and beautifying the campus environment. The activity not only enhanced physical surroundings but also instilled values of discipline, responsibility, and respect for shared spaces, reflecting the Institute's holistic approach to education and its emphasis on fostering environmental awareness among students.

Baseline Household Survey 2024 - Narasimhapalli, Narasimhapalli Thanda & Bonthalapalli, November 19-21, 2024

The Department of Humanities & Social Sciences, Prasanthi Nilayam Campus, conducted a baseline household survey from 19-21 November 2024 in three adopted villages: Narasimhapalli, Narasimhapalli Thanda, and Bonthalapalli. Covering 541 households, the survey aimed to document demographics, livelihoods, access to amenities, and socio-economic conditions. Students were organised into enumerator, support, and research teams, using the Kobo Collect App for offline data collection. Prior training was provided by Dr. Olivier Dagnelie and Dr. Rajiv Gurung to ensure accuracy and efficiency. The exercise included Nagarsankirtan, structured interviews, and interactive discussions, enabling both data collection and community engagement. Insights revealed key challenges such as water scarcity, weak mobile networks, discrimination, school issues, and youth migration. The initiative not only provided a strong dataset for future development planning but also sensitised students to rural realities, fostering empathy and responsibility. The findings will support SSSIHL and local bodies in shaping impactful rural development policies.



Visiting Schools as part of Grama Seva Outreach Activity: Prasanthi Nilayam, September 28, 2024



As part of Grama Seva outreach, students of the Prasanthi Nilayam Campus visited nearby schools to inspire young minds and kindle scientific curiosity. The Department of Chemistry conducted engaging experiments – such as reactions of nitric acid with copper, colour changes in oxidation states, and magic with indicators – emphasising safety and precision. They also





sang bhajans and patriotic songs, distributing notebooks, pens, and laddus. The Department of Mathematics & Computer Science introduced Vedic Mathematics, demonstrating shortcuts for mental arithmetic, while the Physics Department explained density using liquids like honey, glycerin, and water, sparking curiosity through Q&A in Telugu. The Biosciences Department highlighted hygiene and microorganism-related diseases through posters, 3D models, microscope slides, and experiments with stagnant water, stressing safe drinking practices. Small gifts were shared with children as tokens of encouragement. The day concluded with a collective prayer, reflecting the institute's mission to blend learning with values, supporting the vision of a Viksit Bharat.

Digital Literacy Outreach, Nandigiri, 2024 - 25

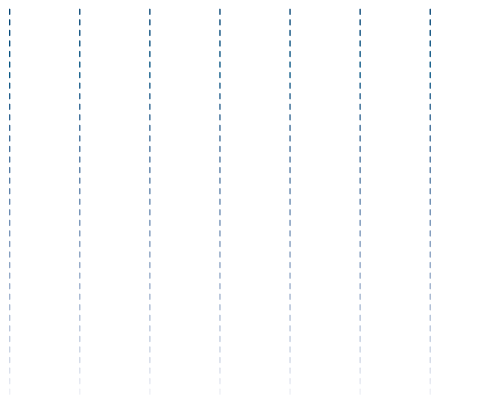
As part of community outreach, students of the Department of Mathematics & Computer Science, Nandigiri Campus, along with teachers, visit the Government High School, Muddenahalli, every Saturday to teach 8th and 9th standard students. Around 60 children benefit each week from hands-on sessions in basic computer literacy, including MS Word, PowerPoint, and Paint. Conducted in Kannada and Telugu, the programme equips rural students with essential digital skills, fostering confidence, practical awareness, and readiness for future learning, while reinforcing the Institute's vision of value-based service.





Spiritual Dimension

The spiritual dimension of the system serves as the undercurrent for all the other dimensions. The components in their daily life, that enable a student to connect to her / his Divine inner self include suprabhatam (prayer at dawn), vedic chants and stotras (hymns), meditation and silent sitting, brahmarpanam (food prayer), sarva dharma bhajans (sankirtan) pertaining to all religions, assembly (college prayer), and kshama prarthana (night prayer). The quintessence of this dimension is that it cultivates in the students a sense of humility and the spirit of dedicating all that they do every day in their lives as an offering to the higher power or the Lord. This makes them strive to put in their best in whatever they do, leading to excellence in action - yogah karmasu kausalam.



Prasanthi Vidwan Mahasabha

Prasanthi Nilayam, October 6-12, 2024

SPECIAL ANNUAL EVENT

The Prasanthi Vidwan Mahasabha 2024, held from 6-12 October during the sacred Navaratri at Prasanthi Nilayam, featured inspiring talks and devotional offerings by scholars and faculty of SSSIHL alongside soulful student presentations. **Dr. Bhaskaran** (Dept. of Mathematics & Computer Science, Nandigiri Campus) spoke on 'The Real Sacrifice', followed by 'Gaana Vinodini', a soulful music program by Nandigiri students. **Dr. K.N. Naresh** (Dept. of Biosciences, Prasanthi Nilayam Campus) expounded on Mother Divine Glory, with Prasanthi Nilayam students presenting a musical offering titled '**Shiva Shakthi**'. **Dr. V. Pratyusha** (Dept. of Chemistry, Anantapur Campus) shared her thoughts on 'The

Goddess, Her Grace, and Guidance, complemented by the Anantapur students' musical offering '**Hrudaya Ganamritam**'. **Sri K.J. Srinivas** (Brindavan Campus) delivered a reflective talk, followed by Brindavan students' offering '**Bhakti Sapta Swara**'. Eminent scholars Brahmasri **Dr. Mylavarapu Srinivasa Rao** and **Dr. Bachampally Santosh Kumar Sastry** also enriched the sessions with their profound insights. The Mahasabha culminated with the Maha Poornahuti of the Veda Purusha Saptaha Jnana Yajna, promoting peace and universal harmony, sanctified by Bhagwan's Divine Discourses, bhajans, and Mangala Aarati.



Summer Course in Indian Culture and Spirituality

July 2024

SPECIAL ANNUAL EVENT

The Summer Course in Indian Culture & Spirituality at SSSIHL is more than just an induction – it's a journey into Bharat's rich cultural and spiritual heritage. Held at the start of each academic year, this cherished tradition orients students and teachers to Bhagawan Baba's unique educational philosophy, inspiring them to embody the values of our sacred land.

Highlights from the Summer Course for the Academic Year 2024-25

The **Anantapur Campus** held the Summer Course in Indian Culture & Spirituality from 25 - 27 July 2024. The course brought together eminent speakers from across Bharath, who delivered intellectually enriching talks on various aspects of Indian Culture and Spirituality. This year's course focused on three main themes:

Bharathiya Saints and Sages, the Essence of the Vedas and Yoga-shastras, and Navavidha Bhakthi. Renowned speakers included Brahmachari Narayana Chaitanya (Chinmaya Mission), Dr. Shilpa Narayanan (Sujok and Yoga Therapist), and Dr. Arathi V.B. (Indic Studies Scholar), along with distinguished speakers from our sister institutions such as Sri Ravi Kumar, Dr. Siddhartha R., Sri Vedanarayan, Sri Sanjay Sahni, Dr. T.R. Rajeshwari, and





Dr. T. Ravikumar, whose talks reflected their deep spiritual association with Bhagawan. The event also featured a panel discussion, quiz, Chinna Katha analysis, and a student-led poster presentation. The course concluded with a vibrant cultural performance on Navavidha Bhakthi by senior students, followed by the prize distribution ceremony.

The **Brindavan Campus** hosted the Summer Course in Indian Culture & Spirituality from 18–20 July 2024 on the theme Indian Culture and Management. The event began with a sacred procession and inaugural address by Prof. B. Raghavendra Prasad, Vice Chancellor, SSSIHL, who stressed the universal relevance of Indian cultural values. Key sessions featured Sri Sanjay Sahni, Associate Professor, SSSIHL, on the Ramayana and Management; Sri Satish Chandra, SSSIHL, on Dinacharya for Health; and Sri Vinaykumar H, Convenor, Brindavan Management Committee, on Swami as the Ideal Manager. Students engaged in study circles, quizzes, Parayanam, a Bhajan quiz, and a cultural drama 'Tulsidas'. An alumni panel shared insights on "Sai Student as Manager", complemented by a musical program on Temples of India. The course concluded with talks by Sri S. Chandramohan, Group CFO, TAFE, and Sri Vijay Menon, Independent Consultant.

The Summer Course in Indian Culture & Spirituality 2024, held on 19–20 July for students of **Prasanthi Nilayam and Nandigiri campuses**, was themed Head of Shankara, Heart of Buddha, Hands of Janaka. The course began with a ceremonial procession and welcome address by Prof. Pallav Kumar Baruah, Dean of Sciences. The inaugural session featured Sri Venkatramana Gosavi, Senior VP, Infosys Finacle, followed by a music programme. Talks by Sri T.S. Balaramachandran (HDFC Bank), Dr. Gopi Krishna Pidatala (Healthcare & IT Leader), and Dr. Bala Subramanyam Karanam (SSSIHL alumnus) enriched students with reflections on Swami's teachings, discipline, foresight, and inner purity. Interactive activities included a quiz on Indian culture, Parayanam sessions by alumni, and cultural skits by Prasanthi Nilayam and Nandigiri students. The skit depicted how Buddha, Shankara, and Janaka shared the integrated virtues of wisdom, compassion, and selfless action, creatively blending modern life with these timeless ideals, inspiring students to balance academics with spirituality. In his concluding address, Sri Sanjay Sahani, Associate Professor, SSSIHL, urged students to dedicate all actions to God.



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I had established this college in order to inculcate in the hearts of students values of truth, righteousness, peace, and love that are considered eternal by saints, rishis, pandits, and leaders; and were culled out from the Vedas and were described by the shastras (texts).

Every student that is born in this land of Veda is a heir to this invaluable culture. Every one of them has the right to know this and to put it into practice. Agriculture is needed for our sustenance. For spiritual life also, the tilling of the mind is necessary. Skill and dexterity are required in order to produce articles that give us physical comforts. Similarly, education is necessary in order to set right our behavior, thoughts, desires, and emotions. More and more happiness, peace, and patience are obtained by this.

Sri Sathya Sai Baba,
Revered Founder Chancellor, SSSIHL

*(Excerpt from His discourse at the
Inauguration, Women's College, Anantapur, A.P., on July 22, 1968)*



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The supreme end of education, the highest purpose of instruction,
is to help us to become aware of the universal immanent impersonal.

Sri Sathya Sai Baba, Revered Founder Chancellor, SSSIHL
Chapter 5, Sathya Sai Vahini