



Learn Lead Serve



SRI SRI UNIVERSITY

World University Rankings 2022


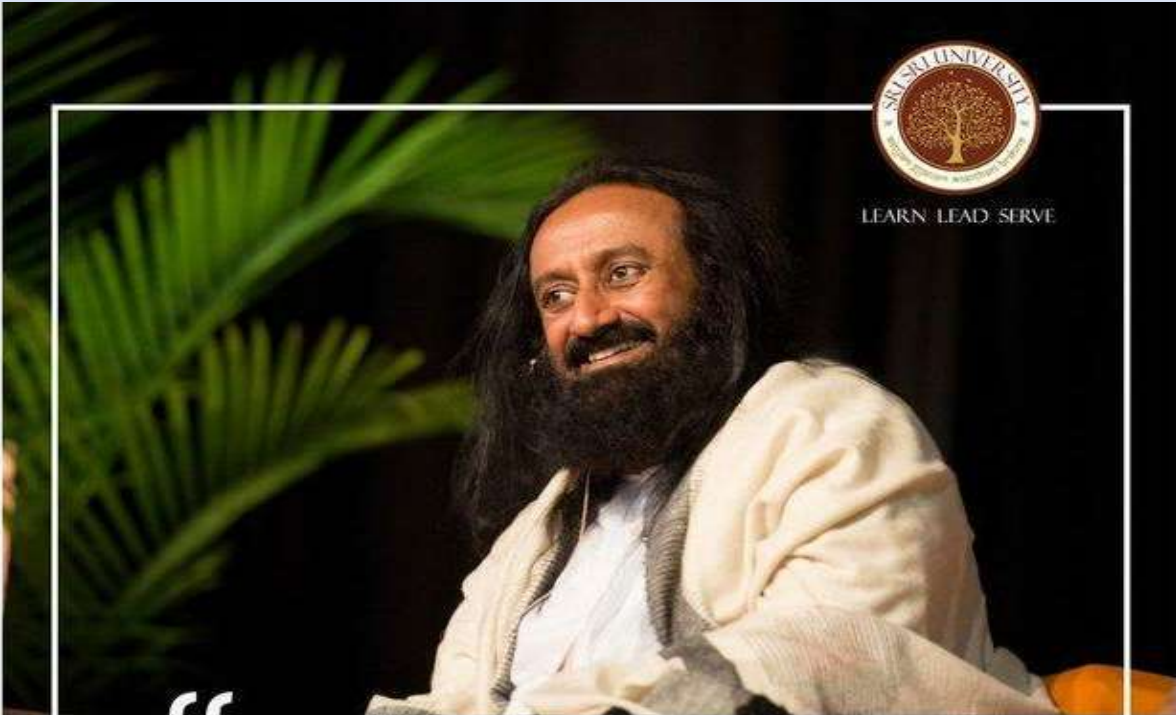


“Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation”

A report for Times Higher Education Impact Ranking, 2022

Table of Contents

About Us	03
Introduction	04
Research on industry, innovation and infrastructure.	05
SSUInnovation	23
List of Patents filed by our Student / Alumni Start ups	27
Some of the Success Stories of our Alumni Entrepreneurs	28
Lists of Current Incubated Start-ups	29
Number of sustainability-related start-ups	30
Infrastructure	32
University Spin Off	36
Research income from industry and commerce	39



LEARN · LEAD · SERVE

“

If you can win over your mind, you can win over the whole world.”

Gurudev

www.srisriuniversity.edu.in

*“Universities Are There to Create a Vibrant Mind, A Mind That
Open to Research, Questioning and New Learning”*

About Us

Sri Sri University was established as a State Private University in Odisha, India which started its first academic year in 2012 and has been envisioned by Global Humanitarian, Gurudev Sri Sri Ravi Shankar ji. The University offers a range of pivotal, unique, and cutting-edge undergraduate, postgraduate degree programs under eight Faculties, short-term, diploma, and certificate courses, Doctoral studies (Ph. D.), that offers the best of the East and offers the best of the West.

The impressive list of undergraduate programs offered at Sri Sri University includes B. Sc. (Data Science), B. Sc. (Osteopathy), B. Sc. (Psychology &Contemplative Studies), B. Sc. (Food, Nutrition, and Dietetics), B. Sc. (Agri-business), Bachelor in Interior Design, etc., and that of post graduate programs offered includes M.Sc. Osteopathy (first time in Asia), MBA (Entrepreneurship), MBA (General Management), MBA (Agri-Business Management), M.Com., M.A./M.Sc. in Psychology and Contemplative Behaviour, M.Sc. Environment Science, B. Tech. & M. Tech. (Artificial Intelligence & Machine Learning), etc.

Located in a sprawling 188- acre green lush campus, Sri Sri University takes pride in offering a curriculum that enriches both domain expertise and life skills. It provides a unique social culture that nurtures a rich learning environment and aids excellence in students through its virtually smoke-free, alcohol-free, drug-free, and completely vegetarian campus. The University defines Excellence as an academic process of motivating the students to learn in ways that make a sustained, substantial, and positive influence on how they think, act, and feel which defines our core value of **Learn-Lead-Serve**.

To inculcate the entrepreneurial culture among the students, Sri Sri University has started a centre for Entrepreneurship and Innovation namely ‘SSUInnovation Pvt. Ltd’ with all required infrastructure like computers, office room, multimedia equipment, LCD and discussion tables. We are organising meeting and seminars with various industry officials and successful entrepreneurs. Sri Sri University has a tie-up with National Innovation Foundation (A Wadwani group) to create awareness among the students on entrepreneurship. Sri Sri University also has a tie-up with Ministry of Corporate Affairs, Government of India to offer their courses on Corporate Social Responsibility and Social Entrepreneurship. For the last two years Sri Sri University organising the five days’

workshops on “**Product and Process innovation**” with Ms. Gayatri Gopal an alumna of Singapore Management University (SMU), Singapore. University boasts of diverse set of students ranging from fresher’s to experienced professionals with as much as 10 years of work experience. University has been able to attract students from premier colleges including IIT Kharagpur, IIT Delhi, IIT Indore, Thapar University, St. Xavier’s and Manchester University. Apart from attracting students from more than 20 states of India, we also have a few international students enrolled in our various courses. Our university students have performed distinctively and have left their mark by delivering top performances in competitions at premier B Schools like IIM–Calcutta, IIFT – Kolkata, Start Weekend at XIMB University, IMIS and ASBM, Bhubaneswar. Three students from the second batch (2013-2015) of the Department of Management completed their summer internship with the WFEB’s organizing committee for the 1st World Summit on Ethics in Sports which will be held at the FIFA Headquarters in Zurich.

Introduction

Sustainability Development Goal (SDG 9), also known as "Industry, Innovation, and Infrastructure," is one of the United Nations' 17 Sustainable Development Goals aimed at promoting global sustainable development by 2030. In the context of a university, SDG 9 plays a crucial role in fostering innovation, technological advancement, and the development of robust infrastructure to support education and research. Universities are vital hubs for knowledge creation and dissemination, and they contribute significantly to achieving this goal by fostering research and innovation, providing education and training in relevant fields, and often serving as centres of technological and industrial growth within their communities. This goal emphasizes the importance of investing in resilient infrastructure, promoting inclusive and sustainable industrialization, and fostering innovation, all of which are key factors in a university's mission to drive economic development and societal progress.

It has long been recognized that growth in productivity and incomes (SDG8), and improvements in health (SDG3) and education (SDG4) outcomes require investment in infrastructure. Innovation can produce opportunities for addressing areas around clean water (SDG6), affordable energy (SDG7), and even climate change (SDG13).

Sustainable Development Goal 9 (SDG 9) aims to "Build resilient infrastructure, promote inclusive and sustainable industrialization, and foster innovation."

Universities can play a significant role in advancing this goal in the following ways:

1. Research and Innovation: Sri Sri University is hub of research and innovation. Here we develop new technologies and solutions that promote sustainable industrialization, enhance infrastructure, and address key challenges related to transportation, energy, and manufacturing.

2. Education and Skill Development: Sri Sri University provides education and training in engineering, technology, and other relevant fields, equipping students with the skills needed to contribute to industrial and infrastructural development.

3. Collaboration with Industry: Sri Sri University collaborate with industry partners to translate research into practical applications. These partnerships can drive innovation and the development of sustainable industrial practices.

4. Policy and Advocacy: Sri Sri University top management and its researchers, experts engage in policy discussions, offering evidence-based recommendations to governments and organizations on how to foster sustainable industrialization and infrastructure development.

5. Sustainable Practices: Sri Sri University adopt sustainable practices on their campuses, serving as examples of how infrastructure and operations can be more environmentally friendly and energy-efficient.

6. Knowledge Dissemination: Through publications, conferences, and seminars, Sri Sri University disseminate knowledge about sustainable infrastructure, industrialization, and innovation, helping to create a broader understanding of these critical topics.

In these ways, Sri Sri University contribute to the promotion of resilient infrastructure, inclusive industrialization, and innovation, all of which are central to achieving the objectives of SDG 9.

Research on industry, innovation and infrastructure.

Sri Sri University is hub of research and innovation. Here we develop new technologies and solutions that promote sustainable industrialization, enhance infrastructure, and address key challenges related to transportation, energy, and manufacturing.

Industry, Innovation and Infrastructure: publications

Sl. No.	Dept.	Title of the Article/Paper/Book/Book Chapter	Name of the Journal /BOOK/Conference	Author	SCOPUS
1	FOAG	Combined Abiotic Stresses: Challenges and Potential for Crop Improvement	Agronomy (2022)	Dr. Udit Nandan Mishra	Scopus
2	FOAG	Effects of storage bags type and storage duration on seed quality and proximate composition of emmer wheat (<i>Triticum dicoccum</i> L.) in Ethiopia	Heliyon(2022)	Dr. Neela Satheesh	Scopus
3	FOAG	A Study on the Influence of Rainfall on Agriculture using IDF curve	International Journal Of Special Education(2022)	Dr. Sandeep Rout	Published and indexed in Scopus but not reflected now
4	FOAG	Nutrient-Mediated Perception and Signaling in Human Metabolism: A Perspective of Nutrigenomics	International Journal Of Molecular Sciences(2022)	Dr. Udit Nandan Mishra	Scopus
5	FOAG	Quantitative and qualitative post-harvest loss of emmer wheat in selected value chain in Bale zone, Ethiopia	Cogent Food & Agriculture(2022)	Dr. Neela Satheesh	Scopus
6	FOAG	Chitosan: An AutoDial Molecule of Plant Pathogenic Fungus	Life(2022)	Debanjana Debnath/ Ipsita Samal / Chinmayee Mohapatra / Snehasish Routray / Mahipal Singh Kesawat / Rini Labanya	Scopus
7	FOAG	Production Status, Market Integration and the Law of One Price: An Exploration of the Major Maize Markets of India	Indian Journal Of Economics and Development(2022)	Shruti Mohapatra	Scopus
8	FOAG	Climate change and vulnerability of agribusiness: Assessment of climate change impact on agricultural productivity	Frontiers in Psychology(2022)	Shruti Mohapatra	Scopus

9	FOAG	Recognition of early blight and late blight diseases on potato leaves based on CNN algorithm	Neuro Quantology(2022)	Dr. Kalyani Pradhan	Published and indexed in Scopus but not reflected now
10	FOAG	Genome-Wide Identification and Expression Profiling of Aconites Gene Family Members Reveals Their Roles in Plant Development and Adaptation to Diverse Stress in <i>Tritium aestivum</i> L.	Plants(2022)	Mahipal Singh Kesawat/ Prajjal Dey/ Anupama Singh	Scopus
11	FOAG	Root system architectural and growth responses of crop plants to mineral nutrition under moisture stress and its implications in drought tolerance	Climate Change and Crop Stress Elsevier Inc.(2022)	Suchismita Jena	Scopus
12	FOAG	Metal Hyper accumulation in Plants: Phytotechnologies	Sustainable Solutions for Environmental Pollution: Volume 2: Air, Water and Soil Reclamation(2022)	Rachana Chandra	Scopus
13	FOAG	Insight into aphid mediated <i>Potato Virus Y</i> transmission: A molecular to bioinformatics prospective	Frontiers in Microbiology(2022)	Ipsita Samal	Scopus
14	FOAG	A comprehensive review on advances in storage pest management: Current scenario and future prospects	Frontiers in sustainable Food System(2022)	Ipsita Samal	Scopus
15	FOAG	Nutrigenomics: An inimitable interaction amid genomics, nutrition and health	Innovative Food Science & Emerging Technologies(2022)	Udit Nandan Mishra./ Sandeep Rout	Scopus
16	FOAG	Biological control: a global perspective	International Journal of Tropical Insect Science(2022)	Ipsita Samal	Scopus
17	FOAG	The potential of plant-derived secondary metabolites as novel drug candidates against <i>Klebsiella pneumoniae</i> : Molecular docking and simulation investigation	South African Journal of Botany(2022)	Mahipal Singh Kesawat	Scopus
18	FOAG	Nutrigenomics: An inimitable interaction amid genomics, nutrition and health	Innovative Food Science & Emerging Technologies (2022)	Udit Nandan Mishra	Scopus

19	FOAG	Genome-wide comprehensive characterization and expression analysis of TLP gene family revealed its responses to hormonal and abiotic stresses in watermelon (<i>Catullus lanatus</i>)	Gene(2022)	Mahipal Singh Kesawat	Scopus
20	FOAG	Mechanical properties of tef starch based edible films: Development and process optimization	Heliyon(2023)	Neela Satheesh	Scopus
21	FOAG	Plant Phonelics: As Antioxidants and Potent Compounds under Multiple Stresses	Plant Phonelics in abiotic Stress Management(2023)	Udit Nandan Mishra/ Prajjal Dey	Scopus
22	FOAG	The intertwining of Zn-finger motifs and abiotic stress tolerance in plants: current Status and Future Prospects	Frontiers in Plant Science(2023)	Udit Nandan Mishra	Scopus
23	FOAG	Optimization of spray-drying parameter for production of better quality orange fleshed sweet potato (<i>Ipomoea balatas</i> L.) powder: Selected physiochemical, morphological, and structural properties	Heliyon(2023)	Neela Satheesh	Scopus
24	FOAG	Crosstalk between small RNAs and their linked with abiotic stresses tolerance in wheat	Abiotic Stresses in Wheat: Unfolding the Challenges(2023)	Udit Nandan Mishra	Scopus
25	FOAG	Effect of blending ratio and fermentation time on the physicochemical, microbiological, and sensory qualities of injera from teff, pearl millet, and buckwheat flours	Cyta-Journal of Food (2023)	Neela Satheesh	Scopus
26	FOAG	novel structured lipid synthesis with desired n-6:n-3 ratio using rice bran lipase	Applied Ecology and Environmental Research(2023)	Udit Nandan Mishra	Scopus
27	FOAG	Transposons as Natural Genetic Engineers of Genome Mutation, Evolution and Speciation	Plant Transposable Elements: Biology and Biotechnology (2023)	Udit Nandan Mishra	Scopus
28	FOAG	A Novel Approach for Crop Yield Prediction Based on Hybrid Deep Learning Approach	8th International Conference on Communication and Electronics Systems(ICCES 2023)	Dr. Sandeep Rout	Published, but it will be reflected in Scopus later

29	FOAG	Alleviating drought stress in rice plant through intervention of <i>Trichoderma</i> spp	Journal of Environmental Biology(2023)	Prajjal Dey	Scopus
30	FOAG	Block chain -based Secure Traceable Scheme for Food Supply Chain	Hindawi Journal of Food Quality (2023)	Kalyani Pradhan	Scopus
31	FOAG	Chemical Composition, Anti-bacterial and Combinatorial Effects of the Essential Oils from <i>cymbopogon</i> spp. And <i>menthe arvensis</i> with conventional Antibiotics	Agronomy (2023)	Mahipal Singh Kesawat	Scopus
32	FOAG	Comparative Transcriptome analysis provides novel insights into molecular response of salt tolerant and sensitive poly-embryonic mango genotypes to salinity stress at seedling stage	Frontiers in Plant Science(2023)	Mahipal Singh Kesawat	Scopus
33	FOAG	Temperature Induced Flowering Phenology of oleo ferruginous Royal: A Climate Change Effect	Sustainability(2023)	Mahipal Singh Kesawat	Scopus
34	FOAG	Regulation of Reactive Oxygen Species during Salt Stress in Plants and their crosstalk with other signaling Molecules: Current Prospective and Future Directions	Plants(2023)	Mahipal Singh /Kesawat, Neela Satheesh	Scopus
35	FOAG	Assessment of blue carbon sequestration potential of <i>Avicenna marina</i> in the semi-arid zone of Gulf of Kutch, Gujarat, India	Regional Studies in Marine Science(2023)	Rachana Chandra	Embargo for 1 year, it will be reflected in Scopus later
36	FOAG	Climate Change Drivers and Soil Microbe-Plant Interactions	Climate change and Microbiome Dynamics(2023)	Ipsita Samal	Scopus
37	FOAG	the role and impact of conservation agriculture for sustainable and resilient agriculture	European Chemical Bulletin (2023)	Dr. Sandeep Rout	Published, but it will be reflected in Scopus later
38	FOAG	the ecology, evolution, environment and systematics, of mating and its evolutionary consequences in seed plants	European Chemical Bulletin (2023)	Dr. Sandeep Rout	Published, but it will be reflected in Scopus later

39	FOAG	Effect of micronutrients and sulfur enriched phyto-biochars on yield, tissue concentrations and uptake of these nutrients in fodder maize (<i>Zea mays</i> L.) and postharvest soil properties	Journal of Plant Nutrition(2023)	Rini Labanya	Scopus
40	FOAG	Nutritional aspects and dietary benefits of “Silkworms”: Current scenario and future outlook	Frontiers in Nutrition (2023)	Ipsita Samal	Scopus
41	FOAG	Combatting insects mediated biotic stress through plant associated entophytic entomopathogenic fungi in horticultural crops	Frontiers in Plant Science(2023)	Ipsita Samal	Scopus
42	FOAG	Optimization of citron peel pectin and glycerol concentration in the production of edible film using response surface methodology	Heliyon(2023)	Neela Satheesh	Scopus
43	SSCAS RH	A Clinical Study of sickle cell anemia and its management through Kiratatikta (<i>Swertia chirayata</i>) Ghanvati and Guduchi (<i>Tinospora Cordifolia</i>) Ghanvati	Biomedicine 2023	Pradeep Kumar Panda/ Apratim Sai Rajesh	Scopus
44	SSCAS RH	A comparative study of balamoola kashayam pana with and without karpasyadhi taila nasya on apabhabuka with a special reference to frozen shoulder	Biomedicine 2023	Nagendra Prasad/ Sonam Agrawal/ Satyasundar Hajira	Scopus
45	FACIS	Hypertextuality of Oral Literature(s): Reading the Architectonics of Indian Folklores in Digital Achieves	Digitalization of Culture Through Technology (Routledge Taylor and Francis Group) 2022	Narayan Jena	Published, but it will be reflected in Scopus later
46	FHW	An Ergonomic Study on Prevalence of Work-Related Musculoskeletal Discomfort Among Information technology (IT) Professionals Working from Home in COVID-19 Pandemic	Ergonomics for Design And Innovation 2022	Jigisha Patel/ Tirthankar Ghosh	Scopus
47	FHW	Fourth Ventricle Compression (CV4) as a Method for Stress Management	Ergonomics for Design And Innovation 2022	Tirthankar Ghosh	Scopus

48	FHW	Impact of Work-Related Factors on Musculoskeletal Discomfort Among the Rural Housewives in Central India	Ergonomics for Design And Innovation 2022	Jaita Mondal / Tirthankar Ghosh	Scopus
49	FHW	Advances and Application of Artificial Intelligence and Machine Learning in the Field of Cardiovascular Diseases and Its Role During the Pandemic Condition	System Design for Epidemics Using Machine Learning and Deep Learning ()2023	Sohini Paul	Scopus
50	FHW	Effectiveness of osteopathic treatment in patients with Lower Urinary Tract Symptoms (LUTS)	Biomedicine 2023	Arunima Arora/ Tirthankar Ghosh	Scopus
51	FHW	Effects of muscle energy technique on improving the range of motion and pain in patients with frozen shoulder	Biomedicine 2023	Deepak Kumar Mallik/ Sohini Paul/ Tirthankar Ghosh	Scopus
52	FHW	Assessment of noise-induced hearing loss (NIHL) of weaving factory workers in West Bengal, India - a pilot study	International journal of Occupational Safety and Health 2023	Tirthankar Ghosh/ Jigisha Patel	Scopus
53	FHW	An ergonomic evaluation of the prevalence of musculoskeletal disorders among fish processing workers of Suri	Biomedicine 2023	Jigisha Patel/ Tirthankar Ghosh	Scopus
54	FHW	Effect of compression of fourth ventricle on the respiratory capacity in the post COVID patients	Biomedicine 2023	Kaushal Agarwal/ Tirthankar Ghosh	Scopus
55	FHW	Effect of Integrated Approach of yoga therapy on loneliness in elderly: An Interventional Study	Biomedicine 2023	Dr. Prativa Shree/ Dr. Dinesh Prasad Swain	Scopus
56	FHW	A study on effects of osteopathic technique in fatty liver	Biomedicine 2023	Nikita Bal Krishna /Mirajkar /Tirthankar Ghosh	Scopus
57	FHW	A Study on Quality of Life, Gait Characteristics & Fatigue In Post Stroke Survivors of Odisha	Acta Biomedical (ActaBiomed) 2023	Sonali Soumyashree /Tirthankar Ghosh	Published, but it will be reflected in Scopus later
58	FMS	Analytical Study of PSUs' Environmental and Philanthropic CSR, Benefits to Local Beneficiaries in Odisha	YMER 2022	Niranjana Mohanty, / Dr. Subash Chandra Nath	Scopus

59	FMS	A Study Of Impact Of Presentism On Workforce Productivity In Steel Manufacturing Firms In Odisha, Including A Gendered Perspective Of The Same	Journal of Positive School Psychology 2022	Dr. Subash Chandra Nath	Published, but it will be reflected in Scopus later
60	FMS	A Review of Recent Technology Advancements on Smart Cities and its High-Performance Applications	Proceedings of Third Doctoral Symposium on Computational Intelligence 2022	Dr. Sunil Kumar Dhal	Scopus
61	FMS	Big Data Analytics and Machine Intelligence in Biomedical and Health Informatics: Concepts, Methodologies, Tools and Applications	Big Data Analytics and Machine Intelligence in Biomedical and Health Informatics: Concepts, Methodologies, Tools and Applications (2022)	Dr. Sunil Kumar Dhal /Sudhir Kumar Mohapatra	Scopus
62	FMS	Develop a Data Analytics Model for Employee's Performance at Workplace to Increase the Productivity	ICT Analysis and Applications 2022	Sunil Kumar Dhal /Rishab Sinha /Mukunth Narayanan	Scopus
63	FMS	Do financial consultants exert a moderating effect on savings behavior? A study on the Indian rural population	Cogent Economics and Finance (2022)	Giridhari Mohanta	Scopus
64	FMS	Exploring Failure Orientation : Its Mediating Role in Multidisciplinary Teams of the Petroleum Industry	Pradandhan:Indian Journal Of Management 2022	Dr. Subash Chandra Nath	Scopus
65	FMS	Management techniques and methods of total quality management implementation in management institutions of Odisha	International Journal of Computer Applications in Technology 2022	Pritidhara Hota, /Bhagirathi Nayak	Scopus
66	FMS	Employee Retention: Model Based Approach with respect to Retail Sectors: Special Reference to Bhubaneswar (Odisha)	Central European Management Journal (2022)	Dr. Jasmine Bhuyan	Published and indexed in Scopus but not reflected now
67	FMS	Implementation of knowledge management and utilizing tools in healthcare for making evidence-based decisions	International Journal of Health Sciences (2022)	Dr. Jasmine Bhuyan	Published and indexed in Scopus but not

					reflected now
68	FMS	MRMR-SSA: a hybrid approach for optimal feature selection	Evolutionary Intelligence 2022	Dr. Sunil Kumar Dhal	Scopus
69	FMS	Impact of CSR, Smart City Projects on Economic Development In Odisha	OECONOMIA COPERNICANA (2023)	Dr. Subash Chandra Nath /Dr. Malaya Malla	Published, but it will be reflected in Scopus later
70	FMS	A Study on Importance of Customer Satisfaction in Online Shopping	European Chemical Bulletin (2023)	Ms. Rupina Popli /Dr. Subhash Nath	Published, but it will be reflected in Scopus later
71	FMS	A paradigm shift: Nano-sensory nudges stimulating consumer's purchase behavior for green products driving towards environmental sustainability	Materials Today: Proceedings (2023)	Bhubaneswari Bisoyi	Scopus
72	FMS	Supply Chain Transformation through Digital Servitization in Manufacturing Sector	Lecture Notes in Mechanical Engineering (2023)	Bhubaneswari Bisoyi	Scopus
73	FMS	Data center selection through service broker policy in cloud computing environment	Materials Today: Proceedings (2023)	Bhubaneswari Bisoyi /Biswajit Nayak	Scopus
74	FMS	Determinants of security design in venture capital investment: a study on Indian start-ups	Global Business and Economics Review 2023	Sarita Mishra /Suresh Kumar Sahoo	Scopus
75	FMS	Role of Total Quality Management in Digital Literacy for Management Institutes of Odisha	International Journal of e-Collaboration (2023)	Bhagirathi Nayak	Scopus
76	FMS	Transformative e-Learning An IT Perspective on Education During Covid-19	Online Learning Systems: Methods and Applications with Large-Scale Data (2023)	Dr. Sunil Kumar Dhal	Scopus
77	FMS	Does G7 Engross the Shock of COVID 19: An Assessment with Market Volatility?	Asia-Pacific-Financial Markets 2023	Nupur Moni Das	Scopus
78	FET	A Heuristic-Based Test Case Prioritization Algorithm Using Static Metrics	EAI/Springer Innovations in Communication and Computing (2022)	Sudhir Kumar Mohapatra	Scopus

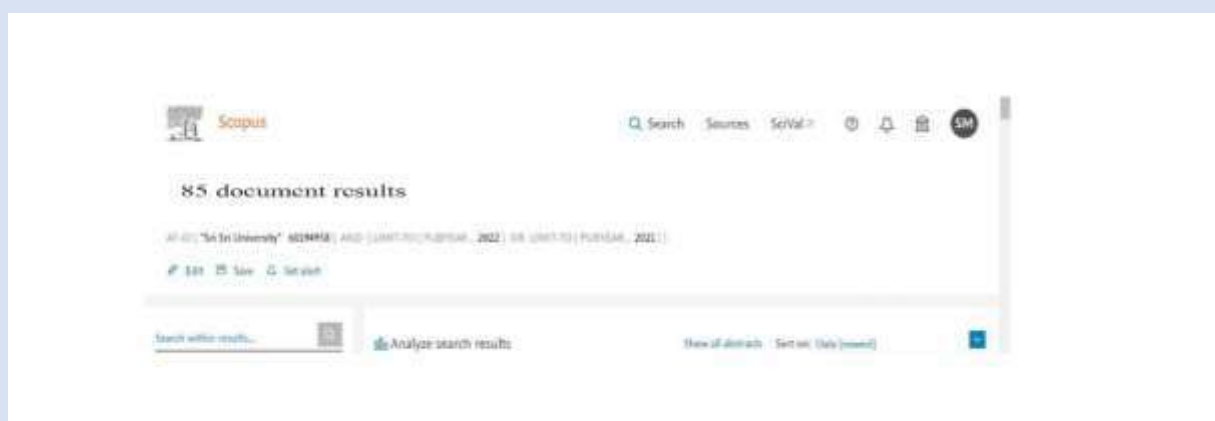
79	FET	A Systematic Literature Review of Predicting Software Reliability Using Machine Learning Techniques	EAI/Springer Innovations in Communication and Computing (2022)	Sudhir Kumar Mohapatra	Scopus
80	FET	Applications of Computer Vision on Automatic Potato Plant Disease Detection: A Systematic Literature Review	Computational intelligence and neuroscience 2022	Sudhir Kumar Mohapatra	Scopus
81	FET	Applications of Machine Learning in Healthcare: An Overview	1st IEEE International Conference On Industrial Electronics: Development and Applications (2022)	Somya Samarpita/ Rabi Narayan Satpathy	Scopus
82	FET	Mining social media text for disaster resource management using a feature selection based on forest optimization	Computers & industrial Engineering 2022	Deepak Sahoo	Scopus
83	FET	Tomato Leaf Disease Detection using Machine Learning	workshop on Advances in Computation Intelligence, Its Concepts and Application at ISIC 2022	Lalmohan Pattanaik	Scopus
84	FET	STeSH: Intelligent Speech Technology Enabled Smart Home Automation Using IoT	Journal of Mobile Multimedia 2022	Chinmaya Kumar Nayak	Scopus
85	FET	A Survey on IoT Empowered WSNs Including Energy Aware Routing Strategies, Security Challenges and Privacy Preservations	International Conference on Smart Trends in Computing and Communication 2023	G. K. Abani Kumar Dash	Scopus
86	FET	A Systematic Literature Review on Pulmonary Disease Detection Using Machine Learning	Cognitive Science and Technology (2023)	Sudhir Kumar Mohapatra	Scopus
87	FET	EEG-based Stress Detection Using K-Means Clustering Method	Intelligent Systems and Machine Learning (2023)	Somya Samarpita/ Rabi Narayan Satpathy	Published, but it will be reflected in Scopus later
88	FET	Task Scheduling in Fog Assisted Cloud Environment Using Hybrid Metaheuristic Algorithm	Expert Clouds and Applications (2023)	Rabi Narayan Satpathy	Published, but it will be reflected in Scopus later

89	FET	Leasing in IaaS Cloud Using Queuing Model	Expert Clouds and Applications (2023)	Rabi Narayan Satpathy	Published, but it will be reflected in Scopus later
90	FET	Prediction of Software Reliability Using Particle Swarm Optimization	Innovation in Intelligent Computing and Communication (2023)	Sudhir Kumar Mohapatra	Scopus
91	FET	A machine learning approach to assisted prediction of Alzheimer's disease with convolutional neural network	International Journal Of Bioinformatics Research and Application (2023)	Suneeta Satpathy	Published, but it will be reflected in Scopus later
92	FET	Forecasting DDoS attack with machine learning for network forensic investigation	International Journal Reasoning-based Intelligent Systems (2023)	Suneeta Satpathy	Published, but it will be reflected in Scopus later
93	FET	RRBCNN: Aircraft Detection and Classification using Bounding Box Repressors based on Scale Reduction Module	Journal of Integrated Science and Technology (2023)	Rabi Narayan Satpathy	Scopus
94	FOS	Effect of Ba ²⁺ ion on the structural, morphological and electrical properties of lead-free Na _{0.5} Bi _{0.5} TiO ₃ ceramics	Journal of Materials Science: Materials in Electronics (2022)	S. R. Mohapatra	Scopus
95	FOS	Fast UV photo response from Aluminum doped zinc oxysulphide composite nanowires by efficient charge-exchange interactions	Journal of Luminescence 2022	S. R. Mohapatra/ Soumen Dhara	Scopus
96	FOS	Substantial enhancement in magnetic and magneto dielectric properties of 0.7(Bi ₂ Fe ₄ O ₉)-0.3(La _{0.67} Sr _{0.33} MnO ₃) composite	Journal of Magnetism and Magnetic Materials 2023	Archana Rath S.R. Mohapatra	Scopus
97	FOS	A New Approach to Statistical RIEMANN-STIELTJES Integrals	Miskolc Mathematical Notes 2023	Bidu Bhusan Jena	Published, but it will be reflected in Scopus later

98	FOS	Approximation and simulation of signals via harmonic Banach summable factors of Fourier series	Mathematical Methods in the Applied Sciences 2023	Bidu Bhusan Jena	Scopus
99	FOS	Enhanced Cloud Computing Adoption by Distinguished Engineering Institutions of Cuttack District-A Comparative Analysis	European chemical Bulletin (2023)	Dr Bibhu Kaylan Mishra/ Mr.Jasobanta Laha	Published, but it will be reflected in Scopus later
100	FOA	Incorporating Perceptions of Multiple Stakeholders while Assessing Architectural Heritage Value: A Case of Odishan Temple Architecture in India	Journal of Planning Education and Research 2022	Partha Sarathi Mishra	Scopus
101	FMS	An empirical study for customer relationship management in banking sector using machine learning techniques	International Journal of Computer Applications in Technology 2022	Bhagirathi Nayak	Scopus
102	FET	VocabGCN-BERT: A Hybrid Model to Classify Disaster Related Tweets	Proceedings - 2022 OITS International Conference on Information Technology, OCIT2022	Deepak Sahoo	Scopus
103	FET	Energy Efficient SDN-assisted Routing Scheme in Cloud Data Center	2023 2nd International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies (ViTECoN)	Rabinarayan Satapathy	Scopus
104	FET	Wheat Rust Disease Detection Using Convolutional Neural Network	Journal of Harbin Engineering University 2023	Sudhir Kumar Mohapatra/ Rabinarayan Satapathy	Published, but it will be reflected in Scopus later
105	FET	Cost Analysis and Optimization of Virtual Machine Allocation in the Cloud Data Center	Proceeding of the International Conference on Inventive Computation Technologies 2023	Rabinarayan Satapathy	Scopus
106	FET	Transfer Learning based Breast Cancer Classification via Deep Convolutional Neural Network	International Journal of Engineering and Manufacturing 2023	Sudhir Kumar Mohapatra	Published, but it will be reflected in Scopus later

107	FET	Amharic Handwritten & Machine Printed Character Recognition Using Deep CNN with Random Search Hyper parameter Optimization Algorithm	Research Square 2023	Sudhir Kumar Mohapatra	Published, but it will be reflected in Scopus later
108	FMS	Intention to Revisit the Chariot Festival (Rath Yatra): An Experience Economy Approach	International Journal of religious Tourism and Pilgrimage 2023	Dr. Mrutyunjay Dash	Scopus
109	FMS	Strategic Role of ICT Industry in Achieving Sustainable Development Goals: A Critical Analysis	YMER 2023	Dr. Mrutyunjay Dash	Published, but it will be reflected in Scopus later

Sri Sri University Scopus Publications



Scopus Data of Sri Sri University

Patents Citing University Research

Number of Patents Citing Research

Patents published/awarded during the year						
Patent Number				Patent Details	Patent status Published/Filed	
Sl. No.	Application No.	Country	Year of Publication	Title	Author	Status
1	202211002644	IND	2022	Intelligent Broadcast Streaming Management System for Streaming Broadcast Via the Internet of Things and Cloud Computing Services	Dr. Bhagirathi Nayak & others	Published
2	202221003790	IND	2022	Trash and Recycle Receptacle Assembly	Dr. Alok Kumar Sahai and others	Published
3	202221003789	IND	2022	Self-learning monetary independence banking application device and method	Dr. Suresh Kumar Sahoo, Dr. Sarita Mishra, Dr. PS Subbarao	Published
4	202241006470	IND	2022	An Image Processing System for Image Modelling for 3D-Pictures and Video and Method thereof	Dr. Rabinarayan Satpathy & others	Published
5	202241009225	IND	2022	A device and method for generating meteorological data on basis of image processing and machine learning	Dr. Rabinarayan Satpathy & others	Published
6	202231005758	IND	2022	Smart Overweight Detection and Alert system	Dr. Bibhu Kalyan Mishra and others	Published
7	202231011336	IND	2022	Intelligent Cloud Computing and IOT Based Automated Voice Controlled Vehicle	Sri Sri University	Published
8	202231011363	IND	2022	Detection of Breast Cancer Diagnosis using Deep	Sri Sri University	Published

				Learning Method		
9	2022310122 69	IND	2022	A Mobile Application for Hedging in Agricultural Commodity Derivatives	Nupur Moni Das & Others	Publishe d
10	353451-001	IND	2022	HELMET	Dr. Sunil Kumar Dhal & others	Granted
11	360414-001	IND	2022	Biometric Attendance Device with Touch-Free Body Temperature Screening	Dr. Sunil Kumar Dhal & others	Granted
12	2022310167 89	IND	2022	An ensemble learning based mobile app safety recommender system	Sri Sri University, Rajesh Ojha & Others	Publishe d
13	2022410216 69	IND	2022	IoT and Artificial Intelligence based perdition of food contamination using data mining techniques	Dr. Biswajit Nayak & others	Publishe d
14	2022410216 70	IND	2022	IoT-based Health Notification and Doctor Availability Checking in Hospital Using Machine Learning, Deep Learning Programming	Dr. Bhubanes wari Bisoyi & others	Publishe d
15	2022110225 82	IND	2022	A Cloud Computing Based Digital Forensic Investigation System Implemented with an Artificial Intelligence and Machine Learning Configurations	Dr. Biswajit Nayak & others	Publishe d
16	2022310240 90	IND	2022	Rajarshi: Conceptual Framework And Training Module For Ethical Political Leadership Inspired By The Teachings Of Gurudev Sri Sri Ravishankar	Dr. Vijaya Lakshmi Mohanty	Publishe d
17	2022210244 95	IND	2022	An IOT and Machine Learning Based Method of Communicating a Digital Message With an Information Signal	Dr. Bhubanes wari Bisoyi & others	Publishe d

18	202211025641	IND	2022	Smart Deep Learning Techniques for Determination of Prime Factors for Handling Mass Crisis Management	Dr. Bhubaneswari Bisoyi & others	Published
19	202231025795	IND	2022	A Novel Cost Effective Composite Air Quality System with Machine Learning based Visualization and Analysis Tool	Rajesh Ojha & Others	Published
20	202231032970	IND	2022	A Front Office Management Application in Hotel Industries	Nupur Moni Das & Others	Published
21	202131055901	IND	2022	Intelligent Healthcare System for Detection of Tumor Cells in Lung Cancer CT Images using Image Processing	Dr. Rabinarayan Satpathy & others	Published
22	202131056646	IND	2022	A Novel Approach to Load Balancing and Cloud Computing Security Using SSL in IAAS Environment	Dr. Biswajit Nayak & others	Published
23	202121048614	IND	2022	Virtual Reality Based Educational System for Students and Method thereof	Dr. Bhubaneswari Bisoyi & others	Published
24	202141059100	IND	2022	Artificial Neural Network Based Enhancement of Production System in Smart Industries	Dr. Biswajit Nayak & others	Published
25	202141058503	IND	2022	An Economic Model to the Industry Using Real-Time Optimizer	Dr. Mrutyunjay Dash & others	Published
26	202141061935	IND	2022	An IOT equipment based secured cloud network communication method	Dr. Sunil Kumar Dhal & others	Published
27	202141061667	IND	2022	A System for Detecting Threats in IOT Networks and Method thereof	Dr. Sunil Kumar Dhal & others	Published
28	202131060845	IND	2022	An Enhanced Selection Technique for Artificial Intelligence in a Virtual Environment with Enhanced Safety and	Dr. Bibhu Kalyan Mishra	Published

				Security		
29	2021410607 73	IND	2022	IoT Intelligence Waste Management System	Dr. Bibhu Kalyan Mishra and others	Published
30	350664-001	IND	2022	Writing Board with Arrangement of Projector and Camera	Dr. Bibhu Kalyan Mishra and others	Published
31	2022310183 20	IND	2022	A Machine Learning based Approach Integrated with Nanotechnology to Study the effects of Topical Creams for Blood Cancer	Dr. Chinmaya Kumar Nayak & others	Published
32	2022110560 00	IND	2022	Smarter and Green Energy Generation Systems using Photovoltaics in Machine Learning Approach	Dr. Sudhir Kumar Mohapatra & others	Published
33	2022310313 40	IND	2022	Deep Learning based Technique to Gauge between Strengths and Weaknesses of an Employee in Handling Emotional Situations	Dr. Chinmaya Kumar Nayak & others	Published
34	2022410011 84	IND	2022	Artificial Intelligence-based Techniques to Decide and Guide Pilot for Landing of Aircrafts`	Dr. Chinmaya Kumar Nayak & others	Published
35	2022410037 54	IND	2022	Modelling a Security Module of Cyber Through Artificial Intelligence	Dr. Chinmaya Kumar Nayak & others	Published
36	2022110187 17	IND	2022	Artificial Intelligence-based System for Addressing the Privacy and Security Aspects of Wireless Networks	Dr. Chinmaya Kumar Nayak & others	Published
37	348899-001	IND	2022	A Double Ended Air Hose Unit	Dr. Rabinarayan Satpathy & Others	Granted
38	348901-001	IND	2022	A Chain Tensioner Assembly	Dr. Rabinarayan Satpathy	Granted

					& Others	
39	348936-001	IND	2022	A Display Mounting Bracket Assembly	Dr. Rabinarayan Satpathy & Others	Granted
40	348988-001	IND	2022	An Adjustable Support System for Solar Panel	Dr. Rabinarayan Satpathy & Others	Granted
41	349269-001	IND	2022	An Adjustable Rear Carrying Rack for Electric Vehicle	Dr. Rabinarayan Satpathy & Others	Granted
42	348750-001	IND	2022	A Tissue Modification Assembly	Dr. Rabinarayan Satpathy & Others	Granted
43	344009-001	IND	2022	White Board with Automated Wiper	Dr. Biswajit Nayak & others	Published
44	359650-001	IND	2022	Smart Trailer for Vehicle Transportation	Dr. Rabinarayan Satpathy & others	Granted
45	202022100219	Germany	2022	Intelligences System fur beruhrungsloses Screening zur Messung des Covid-19-Zeichens mit Warmebildtechniken und kunstlicher Intelligenz	Dr. Rabinarayan Satpathy & others	Granted
46	202022100786	Germany	2022	Intelligentes System zur Erkennung bearbeiteter Bildern mit kunstlicher Intelligenz und maschinellern Lernen	Dr. Rabinarayan Satpathy & others	Granted
47	202022101783	Germany	2022	Intelligentes Managementsystem fur die sichere Verbindung mehrerer obile Zahlungsanwendungen gegen Sicherheitslücken	Dr. Rabinarayan Satpathy & others	Granted
48	202022101131	Germany	2022	Intelligentes Verwaltungssystem fur technisches Online-Lernen und Fortbildung auf der Grundlage von Informationskompetenz	Dr. Rabinarayan Satpathy & others	Granted

49	358422-001	IND	2022	Heavy Lifting Industrial Robotic Platform	Dr. Rabinarayana Satpathy & others	Granted
50	354413-001	IND	2023	An IOT Covid Patient Health Monitoring System	Dr. Rabinarayana Satpathy & others	Granted
51	353652-001	IND	2023	An IoT Garbage Segregator & Bin Level Indicator device	Dr. Rabinarayana Satpathy & others	Granted
52	202331023042	IND	2023	Intelligent Feature Extraction And Deep Machine Learning for Evaluation of Students Business Communication skills	Dr. Bibhu Kalyan Mishra and others	Published
53	350462-001	IND	2023	A Stylus Pen	Dr. Rabinarayana Satpathy & others	Granted
54	378992-001	IND	2023	Food Waste Composting Machine	Dr. Chinmaya Kumar Nayak & others	Granted
55	202331037652	IND	2023	Augmented Voice Controlled Writing Instrument Using Machine Learning & IOT	Dr. Bibhu Kalyan Mishra and others	Published
56	385653-001	IND	2023	IOT Enabled Air Purification Device	Mr. Jasobanta Laha and others	Granted

SSU and Industry N Innovation

<https://srisriuniversity.edu.in/ssu-inovation/>

Inspired by Sri Sri Ravi Shankar Ji's initiatives to create entrepreneurs, we have started MBA in Entrepreneurship. Sri Sri University (SSU) is the only university in Eastern India, which has a two years' full time programme in Entrepreneurship, which is approved by AICTE, Govt. of India. Many of our alumni have started their ventures in the areas of solar energy, IT, agriculture, organic food trading, skill development, education and have achieved noble turnover with in a period of 3-4 years of time. The

start-up activities were promoted at SSU from the inception of the university with the brand Srinovation, then the incubation centre, i.e. SSUInnovation Pvt. Ltd., was incorporated in 2018.

Sri Sri University has been promoting innovation and entrepreneurship from its inception. SSUInnovation Foundation, the incubation centre of SSU, provides dedicated mentoring and handholding support such as; Idea validation, Product development, IPR, Legal entity registration, investor readiness, seed funding and investor linkage to the budding student and alumni entrepreneurs.



The incubation centre is recognized by Start-up Odisha and DC-MSME. SSUInnovation has been selected for Start-up India Seed Fund to support early stage start-ups. The incubation centre was selected for HDFC Bank Smart up grant to support impact oriented start-ups. SSUInnovation was awarded by Startup Odisha in 2022 for its performance in supporting start-ups in Odisha. The spirit of job creation has been imbibed with many students and alumni. SSU has nurtured 120 plus start-ups in the areas of agriculture, food processing, eco-tourism, renewable energy, edutech, fitness and healthcare.



World's first Moringa leaf based tea company, India's 1st Jiggery cube manufacturing start-up have been started by our alumni. Unique products like vacuum fried chips, plant based protein, ready to cook vegetables, multipurpose low cost agriculture equipment, solar operated farm machineries have been developed by our incubated start-ups.



Figure-2- vacuum fried chips



figure-3- Moringa leaf based tea

Our incubated start-ups have supported more than 18000 farmers, created around 3000 jobs, served 2.5 million customers, with a cumulative 50 crores turn over.

These start-ups are also adding value in promotion of healthy food through organic farming, contributing towards Fit India movement, promoting renewable energy,

precision farming and climate resilient agriculture. Inspired by Gurudev Sri Sri Ravishankar Ji's vision, SSU is committed towards job creation in the post pandemic world.



To systematically encourage the culture of "Innovation" across all Higher Education Institutions (HEIs), the Government of India (MHRD) formed the "MHRD's Innovation Cell (MIC)". The main goal of MIC is to support young students as they grow intellectually by helping them experiment with new ideas, create, and turn them into prototypes. Sri Sri University's initiative to promote entrepreneurship has earned it a 4Star Ranking from the IIC, Ministry of HRD, and Government of India.

Strength of SSU in Entrepreneurship Development:

- SSU has a dedicated programme i.e. MBA-Entrepreneurship, a two years' full time programme approved by AICTE, Ministry of HRD, Govt. of India. We have adequate number of faculty members to mentor start-ups in the areas of design thinking, entrepreneurship finance, marketing, IT, human resource management, operations, etc.
- Adequate number of faculties from various industries, with rich experience to mentor Start-ups.
- SSU has a four years BSc (Agriculture) and BSc (Horticulture) programme and has adequate resources to mentor Start-ups in Agri and Food Processing sector. We have faculty members in the areas of Agronomy, Entomology. Plant Pathology, Horticulture, Soil Science, Plant Breeding, Agriculture Economics, Agriculture Extension, etc. to mentor Agri and allied start-ups.
- Dedicated laboratory support for Start-ups in Agriculture and Food Processing.
- Access to more than 50 sector specific mentors in India.
- Access to Venture Capitalists, Angels and Seed funding agencies to support Start-ups.

SSU is shortlisted as a nodal centre for AIC RAISE Programme and SSU has tied up with different ecosystem partners such as; Million Minds, Ambuja Neotia, Samunnati Financial Intermediation and Services Private Limited, Google Business Group Europe, Lexmantra, Start-up India for mentoring, networking, legal and funding support for Start-ups.

- **Patent Facilitation Centre:** SSU has an IP cell consists of committee of members from various faculties having knowledge on IP. Awareness/training programs are conducted by inviting resource persons from various sectors. Patent Facilitation Centre provides guidance to aspiring & budding entrepreneurs by the faculty members trained in entrepreneurship. Six of our incubated start-ups have filed patent through our support.
- SSU has access to Central Horticulture Experiment Station (CHES) Bhubaneswar, Central Tuber Crop Research Institute (CTCRI), National Rice Research Institute (NRRI), Regional Plant Resource Centre (RPRC) for technology and mentoring support.

Support Provided by in-house incubation centre i.e. SSUInnovation Pvt. Ltd.

- **Mentoring Support-** SSU provides mentoring support to the budding entrepreneurs. A dedicated sector specific mentor is allotted to each start up and weekly mentoring sessions are organized for the budding entrepreneurs.
- **Product Development and IPR** – The creation of products with new or different characteristics that offer new or additional benefits to the customer. Product development may involve modification of an existing product or its presentation, or formulation of an entirely new product that satisfies a newly defined customer want or market niche. The incubation centre provides adequate laboratory support for prototype and product development and also provides patent filing, copy right, trademark filing support through its IPR facilitation centre.
- **Market Linkage** – Mentoring support on market testing, customer satisfaction study, pilot testing of MVP/product is provided to the budding entrepreneurs. SSU also connects its students as interns for the start-ups to promote and market the product.
- **Pitch deck Development Support** – A pitch deck is a brief presentation, often created using PowerPoint, Keynote or Prize, used to provide your audience with a quick overview of a business plan. Entrepreneurs use your pitch deck during face-to-face or online meetings with potential investors, customers, partners, and co-founders. SSUInnovation has dedicated mentors to guide the budding entrepreneurs for development of pitch-deck along with business plan.
- **Investor Linkage** – The entrepreneurs are groomed on Pitch-deck development, B-Plan and Elevator pitch and then connected to a group of prospective investors. SSUInnovation conducts two investors’ meet in a year for its incubated and alumni start-ups.
- **Seeds fund linkage** – SSU connects the incubated start-ups to its alumni, seed funding agencies, angel investors for initial round of funding requirement.

For the year 2023, Sri Sri University has a renowned ARIIA/NIRF Innovation Ranking in the range of 51-100. An initiative of the Ministry of Education (MoE), Government of India, the

National Institutional Ranking Framework Innovation (NIRF) seeks to systematically rank all significant higher education institutions and universities in India on indicators relating to "Innovation and Entrepreneurship Development" amongst students and faculty members.



ARRIA Ranking On Innovation Sri Sri University

“By ensuring a career building through self-employment opportunity to everybody on and off campus, SSUInnovation demonstrates the university's dedication to provide a healthy mind for studies.”

https://drive.google.com/file/d/1Eb5zCovIbmAAXvINPn2gjn_JpUERoNEf/view?pli=1

List of Patents filed by our Student / Alumni Start ups

Sl. No.	Name of the Start-up and Founder	Detail about the Innovation for Patent Filing	What to be Patented	status of the Patent
1	Team Aarambh by Lipsa Behura,	Straw made up of fodder crop, which will replace plastic straws	Product (Straw variety)	Patent has been filed
2	Masakali by Gaurav Baghel,	Room freshener made up of natural ingredients	Product composition	Patent has been filed
3	Somya Care by Somya Harsora	Beauty products from natural ingredients	Product	Patent has been filed
4	Udvaban Tech. Pvt Ltd by Satyabrat Jena	Internet of Thing based Apiculture	Product (Apiculture box)	Patent has been filed
5	Alphaev Tech. Pvt. Ltd. by Chinmayee Patra	Automated paddy harvester and cow dung cleaner	Product (Bike operated paddy harvester)	Patent has been filed

Some of the Success Stories of our Alumni Entrepreneurs:

Leaf Era (India's 1st Moringa leaf based Tea Start-up)



Plate-10

Kameshwar Kota



plate-11

Shweta sharma



plate-12

Jil Bhimani

Founders: Kameshwar Kota, Jil Bhimani, Shweta Sharma

Operational Areas: Delhi, Gujarat, Andhra Pradesh, Maharashtra, UAE

About the Company: Leaf Era is a start-up changing the way tea works for most of us. They are taking the age old tradition to entirely new level with a mission to bring about healthy lifestyle changes in the consumers through Moringa leaf tea. Leaf Era is continuously working on reinventing the way tea is consumed. They have changed the game with radically simple approaches. Their objective is that; tea to be Fresh, Rich in taste, and above all endowed with the much needed Nutrition, Vitamins and goodness. So they introduced the best source available in nature, that is, Moringa. Leaf Era's Moringa Tea, friendly Online store and above-and-beyond customer service. Leaf Era has its own manufacturing unit and have served more than 5000 customers in in India and Abroad last one year. They were shortlisted for incubation support by RABI programme of Indian Council of Agriculture and Research (ICAR), Govt. of India.

KrushaCo (Connecting Farmers to Agri-Input Companies)



Plate-13

A. Bibhu Prasad Prusti

plate-14

Asit Mohanty

Founders: A. Bibhu Prasad Prusti, Asit Mohanty

Operational Areas: Odisha, Andhra Pradesh

About the Company:

KrushaCo is working on the mission of helping farmers by providing a complete range of Agri solutions at their fingertips of farmers. KrushaCo provides a combination of agronomy advice coupled with service and Agri input products that enable farmers to significantly improve their productivity and income. They use an extensive amount of data, technology and agronomy knowledge to give the right solutions (advice products) to Indian farmers. KrushaCo currently operates in the states of Odisha and Andhra Pradesh and is serving over 10000 farmers. Farmers in these states can avail Agri solutions for their entire crop life-cycle with a simple “missed call”/WhatsApp message. Over the next 5 years, they plan to continue to provide incremental value to farmers in terms of wide range of inputs delivered at their doorsteps, world-class agronomy guidance and also access to market linkages and credit.

Lists of Current Incubated Start-ups

 <p>Gaurav Baghel BBA 2016 - 19 Startup Name : Masakali <u>Brief About The Startup:</u> Room freshner from natural organic ingredients.Product development process is over and patent has been filed by the entrepreneur.</p>	 <p>Prayag K. Samal BSc Horticulture 2019 – Present Startup Name : Xplowe <u>Brief About The Startup:</u> Rural Eco-tourism service. Pilot market testing of the service has been done. Revenue generation has started.</p>	 <p>Lipsa Behura MBA 2018 – 20 Startup Name : Team Aarambh <u>Brief About The Startup:</u> Bio-degradable straw to replace single use plastic straw. The patent has been filed by the entrepreneur.</p>
 <p>Jisan Akthar BSC 2018-2021 Startup Name : Unik Insence Sticks <u>Brief About The Startup:</u> Agarbati from natural ingredients. Prototype and MVP have been developed with pilot testing of the product. The patent has been filed by the entrepreneur.</p>	 <p>Satyabrat Jena Batch Details Awaited Startup Name : Udvaban Tech. Pvt. Ltd <u>Brief About The Startup:</u> IOT based apiculture. The app can remotely control the feed and light for honeybees. The customer can also remotely know the amount of honey in the box through the application.</p>	 <p>Minushri Madhumita Batch Details Awaited Startup Name : ThinkRaw India Pvt. Ltd. <u>Brief About The Startup:</u> Automated fertilizer dispenser machine for farmers. This equipment helps in judicious application of fertilizer and minimizes the cost of fertilizer application.</p>

Number of sustainability-related start-ups

Sr. No.	Start-up Name	Email	Brief about Innovation
1.	Solitary Farm Planet LLP	info@solitaryfarmplanet.com	Concentrator/isolator from Jackfruit, to be used as ingredient in the plant-based meat segment www.solitaryfarmplanet.com
2.	Rector Flavours Pvt. Ltd.	sjee.rector@gmail.com	Natural flavour concentrate for application in spices. Manufacturer of Garam masala liquid, Meat masala liquid & masala liquid
3.	Sandhyasri Solar Pvt. Ltd.	Sandhyasrisolarprivatelimited@gmail.com	Solar energy service provider for the under-privileged segments of the society. Products are; solar water pump for farmers, low cost solar lights, street lights, solar lamp etc.
4.	Vatsalya Wellness Pvt. Ltd.	paritosh.iipmb@gmail.com	Low cost anion chips based bio-degradable sanitary napkins for under-privileged sections of the society
5.	Turmeric Tattva Pvt. Ltd	turmerictattva@gmail.com	Turmeric Tattva Pvt. Ltd. provides naturally nourishing agro-products directly to consumers, produced and processed by local communities. Different types of processed millets and spices are dealt by this start-up https://www.zaubacorp.com
6.	Prakriti O Prakritik consumer products private limited	durgaprasad.direct@gmail.com	Vacuum fried ready to eat snacks from Okra, Carrot, Onion, etc. which retains maximum micro-nutrients along with natural colours and flavours with low fat and high health quotient
7.	Nutrimillets Food Pvt. Ltd.	millets.treats@gmail.com	Nutrimillets® replaced the added sugars, and other harmful adulterants with low cost, eco-friendly organic adulterants
8.	Think Raw Pvt. Ltd.	Thinkrawindia@gmail.com	Low-cost Solar Powered fertilizer dispenser for small and marginal farmers



Mr. Paritosh Anand

VATSALYA WELLNESS PRIVATE LIMITED

Low cost anion chips based bio- degradable sanitary napkins for under-privileged sections of the society



Dr. Lita Mohapatra

EARTHLOGY PRIVATE LIMITED

Sustainable and eco-friendly zero toxic gas emitting 3 in 1, incense sticks, mosquito repellent and aromatic sticks from discarded fruits and vegetables



Mr Arup Sahoo

SOLARINFRA

Solar powered tiller, seed cum fertilizer sprayer and insect Trapper.



Ms Shyma jha

MILLETE MAGIC FOUNDATION

Millet based snacks (millet cookies, Millet wafers, millet peanut chikki, millet based noodles, dosa, chilla mix), free from Maida, sugar and artificial colour and flavour.

Infrastructure

Campus - <https://srisriuniversity.edu.in/campus-facilities/>

On a hilltop on the outskirts of Cuttack, a wide campus with both residential and non-residential amenities is spread across a vast landscape of 188 acres of land. It is situated next to the bank of a tributary of the river Mahanadi. The stunning campus, created by well-known architects with expertise in educational architecture, is comparable to the age-old institutions of Takshila



and Nalanda.



A calm atmosphere is created by the university's surroundings, which include a collection of simple buildings surrounded by trees, plants, and well-kept lawns.

Academic Facilities

At Sri Sri University, we take pride in creating an academic environment that combines the greatest elements of both the east and the



west. A value-based learning environment, top-notch faculty, and cutting-edge academic facilities enable high standards in academics.

Residential and Dining Facilities

All of the university's students, teachers, and staff have access to first-rate housing and eating options, ensuring that they never miss home even while they are away from it.

Central Dining Hall ~ KAIIVALYA

‘Kaivalya’ literally means ‘liberation’ (a path of ‘Raj Yoga’). And ‘Kaivalya’ in our campus setting implies the ultimate destination for every hungry stomach. We take pride in our 100% vegetarian and hygienic kitchen services. It is ISO: 22000 certified complying to all quality standards. The food served here is ‘Sattvik’ (high on subtle life energies) because we believe,



‘what you eat impacts your mind’.

Guest Houses

The guest homes of Sindhu, Kaveri, and other places share the university's conviction in Atithi Devo Bhava and have all the essential luxuries and comforts.

The guest houses are individual cottages that welcome guests and tourists all year long. All of the rooms have air conditioning. Every room and cottage has an attached bathroom and kitchen. Additionally, the guest homes have staff available around-the-clock.



A Range of On-Campus Cafe's

The University is in a true sense a picturesque blend of ‘Unity in diversity’, and to feed this unique diversity the campus has three different cafeterias.

- ⇒ Vishwa Aahar
- ⇒ Sattvik Cafe
- ⇒ Cinnamon Cafe



<https://srisriuniversity.edu.in/campus-cafeterias/>

Library Facilities

The university has a very comprehensive and knowledgeable library that is housed at the Shruti Academic Complex. It boasts a well-designed interior that is both roomy and environmentally friendly. It is completely furnished with contemporary conveniences and contains an air-conditioned reading room, which creates the ideal environment for studying.



The Sporting & fitness Infrastructure

<https://srisriuniversity.edu.in/sports-facilities/>

We at Sri Sri University have ingrained a sporting culture and believe that incorporating sports into daily life will help all students develop holistically. With a sports infrastructure for cricket, basketball, football, table tennis, badminton, volleyball, and lawn tennis on the one hand, and Indian sports like kabaddi, etc. on the other, the university has an active and lively culture.



The university has well-equipped exercise centres and multi-gyms that are used by students and employees. Both boys' and girls' residence halls have their own private gyms. For the boys' hostel, we also provide the option of an outdoor gym.

Healthcare Facilities

For the purpose of providing medical advice and consulting on health issues, first aid, and illnesses, we have a specialized in-house medical clinic with a full-time practitioner. Additionally, the university has an Ayurveda Hospital with a medical, surgical, and emergency unit.

This guarantees that students on campus can access the assistance they need in the event of late-night crises and other situations.



Transportation Facilities

Sri Sri University provides a dedicated bus service commutation for its day scholars, faculty, and other members. It places a premium guard with regard to safety, hygiene, and punctuality to commutation.

The buses of the University are equipped with medical services and a GPS system.



University Bus Fleet



University Ambulance

Amenities & Other Services



For On-campus residents the University also provides other



basics facilities like

- Banking and Postal Services
- Departmental Store- Facilities
- Sumeru Tours & Travels
- Salons

University Spin Offs

Number of University Spin Offs

Total Number of employee are **261**.

The university has 4 spinoffs which are

1.Sri Sri Centre for Advanced Research in Kathak (SSCARK) (First and largest in the world)

<https://srisriuniversity.edu.in/sri-sri-centre-for-advanced-research-in-kathak-sscark/>

Launched by Sri Sri University in 2020 with the blessings of Gurudev Sri Sri Ravishankar, the Sri Sri Centre for Advanced Research in Kathak (SSCARK) will be instrumental in bridging Shastra (Theory) and Prayoga (Praxis), through a multi-pronged and layered approach to Kathak combining Parampara (Tradition) and Anusandhan (Research). SSCARK will fuse together academic thought and performance of Kathak through the creation of a number of research based choreographies. Extensive work will also be undertaken to bring to light a number of hitherto unknown treatises in relation to the evolution of Kathak.

2.Sri Sri Centre for Translation and Interpreting Studies (First in India)

<https://srisriuniversity.edu.in/sri-sri-centre-translation-interpreting-studies/>

Sri Sri Centre for Translation and Interpreting Studies has signed a Memorandum of Understanding with Calcutta Comparatists 1919 on 6th May 2022. On behalf of SSCTIS, respected Executive Registrar of Sri Sri University, Prof. D.P. Sahoo and on behalf of CC1919, President of Calcutta Comparatist 1919, Dr. Mrinmoy Pramannick have signed the MoU in the august presence of our Hon'ble Vice Chancellor of Sri Sri University, Prof. B.R. Sharma; Director of VC Office, Prof. R. N. Satpathy; Dean of Faculty of Arts, Communication and Indic Studies, Guru Ratikant Mohapatra and Director of SSCTIS, Rindon Kundu.



Recent accomplishment of the Sri Sri Centre for Translation and Interpreting Studies(SSCTIS), FACIS, SSU, for the last two months the Centre has worked with Calcutta Comparatists 1919 to promote the Certificate Course in Tamil. A positive reaction has been received from both nationally and internationally. We are pleased to report that we have received 46 participants enrolled for the



Certificate Course, out of which 18 faculty members are from different distinguished institutions like, Jamie Malila Is lamia, Delhi University, IIT Madras, Ashoka University, VIT Chennai, Christ University, Sahitya Academy, British Institute, International School of Dravidian Linguistics, etc. Additionally, there are postdoc fellows from the University of Cagliari in Italy and PhD fellows from IIT Ropar, Jadavpur University, Sikkim University, Visva-Bharati, University of Hyderabad, Sree Sankaracharya University of Sanskrit, EFLU Hyderabad, Bangalore University etc. we also received four applications from SSU (FACIS & Fhw), the course has been able to garner national attention.

SSCTIS, thereby, has generated **1,10,000 (Rs. One Lakh Ten Thousand)** as total Net Revenue (without GST) from the first batch of the Certificate Course in Tamil. Although this NET revenue will be divided as per the MoU signed between SSCTIS, SSU and CC1919, we believe that the remaining revenue will help the young Centre to start more projects and academic activities under it.

3.Sri Sri Centre for Advanced Research in Bharatanatyam

<https://srisriuniversity.edu.in/sri-sri-centre-for-advanced-research-in-bharatnatyam/>

Dr. Sandhya Purecha Director, **Sri Sri Centre for Advanced Research in Bharatanatyam**, (SSCARB) located at Sri Sri University, is a dedicated centre for the research and study of Bharatanatyam, one of the most ancient and highly revered classical dance forms of India. The centre aims to promote and preserve this art form by providing a platform for scholars, researchers, and practitioners to engage in academic research, training, and innovation. The centre is equipped with state-of-the-art facilities and resources, including a vast library and archival material, to support the research and study of Bharatanatyam.

Mission:

The mission of Sri Sri Centre for Advanced Research in Bharatanatyam is to facilitate academic research and promote the preservation and growth of Bharatanatyam as an art form. The centre aims to foster collaboration between scholars, researchers, and practitioners, enabling the exchange of knowledge and innovation. Through its research and training programs, the centre seeks to create a new generation of Bharatanatyam scholars and practitioners who can carry this art form forward with creativity and authenticity.

Vision:

The vision of Sri Sri Centre for Advanced Research in Bharatanatyam is to become a leading centre for the study and promotion of Bharatanatyam in India and around the world. The centre aims to be a hub of knowledge and innovation, where scholars, researchers, and practitioners can engage in interdisciplinary research and collaborate with other cultural institutions. The centre aspires to contribute to the preservation and promotion of India's rich cultural heritage by fostering a deeper understanding and appreciation of Bharatanatyam.

4.Sri Sri Centre for Entrepreneurship, Innovation & Family Business

<https://srisriuniversity.edu.in/sri-sri-centre-entrepreneurship-innovation-family-business/>

Sri Sri Centre for Entrepreneurship, Innovation & Family Business (SSCEIF) aims to create an informed and engaged community of family businesses that are globally focused, technology-driven, and impact-oriented. It aims to bridge the gap between entrepreneurs and Govt. (MSME) to strengthen the entrepreneurial ecosystem. It also aims to investigate the family businesses in the state and the country with a view to providing consultancy services for developing long-term strategy, governance structure, sustainable finance, and succession planning. The centre is an initiative to create more job creators rather than job seekers. The Centre is focused on knowledge transfer through executive education programs as well as customized training for entrepreneurs and family businesses around the state of Odisha in particular and India in general.

Focus Areas:

- To create a common platform for interaction between established and new entrepreneurs.
- To create a platform for interaction and idea dissemination between new start-ups and family businesses.
- To inspire and empower women entrepreneurial leaders to reach their full potential to create economic and social value for themselves, their organization, and society.
- To organize seminars, workshops, symposiums, and conferences for creating an ecosystem where success stories will be shared to motivate young students for new start-ups and to update entrepreneurs and family businesses with best practices in the emerging and global economy.
- To provide a stage where the local entrepreneurs and family businesses will have idea sharing with Govt. bodies like MSME, banks, funding agencies, trade associations (CII, FICCI, ASSOCHAM), entrepreneurial facilitators like NEN, TIE for ultimate growth of their businesses.
- To offer training and development programs to family businesses and entrepreneurs for their skill development.
- To promote the spirit of entrepreneurship and family business by developing case studies.
- To develop short-term value-added certificate courses for students for helping them to make their own careers in the field.

- To offer long-term courses in the area of Entrepreneurship, Innovation, and Family Businesses.

Research income from industry and commerce

Research income from industry and commerce per academic staff

- ⇒ Sri Sri University research income for the session 2022-23 is Rs 10,392.632
- ⇒ Research income from industry and commerce by subject area: STEM-Rs.85,50,000
- ⇒ Research income from industry and commerce by subject area: Medicine-Rs.7,80,000
- ⇒ Research income from industry and commerce by subject area: Arts & Humanities / Social sciences-Rs.10,62,632

- ⇒ Number of academic staff by subject area: STEM-63
- ⇒ Number of academic staff by subject area: Medicine-123
- ⇒ Number of academic staff by subject area: Arts & Humanities / Social sciences -75

