



NATIONAL INSTITUTIONAL RANKING FRAMEWORK

Ministry of Education, Government of India

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Institute Name:

South Indian Education Societys College of Arts Science and Commerce Sion
West Mumbai 400 022

FACULTY RESEARCH DETAILS:

Research Presentations during the year 2023-24

This is to certify that the attached documents have been verified and found to be true.


Principal Sign



RESEARCH PAPERS PRESENTED DETAILS (ACADEMIC YEAR 2023-24)

Sr. No.	Title	Author	Date	Paper Status	Organizer	Description
1	The Revolution from Traditional lending to Digital Lending using Artificial Intelligence by banks - A reference to ICICI Bank	Mr Avin Kaushik Shah	03-12-2024	Presented and published	Mahatma Night degree College of Arts and Commerce, Chembur	This paper is a descriptive analysis and explores how the traditional lending decisions have evolved over the time to the digital lending done by the Banks using the Artificial Intelligence (AI). It examines how AI technologies have revolutionized the lending process, which has in turn improved efficiency, accuracy, and risk management by the banks. This has helped the banks to take timely decisions for lending which improves financial inclusion and leads to economic growth. The ICICI bank is one of the early banks to have adopted the AI and going digital. Use of AI in banking including the lending process has greatly impacted ICICI bank which is evident from the fact that in the last decade it has launched various such digital lending applications and platforms. The paper concludes that although AI in banking reduces the time consumed by bankers, improves accuracy, reduces costs and improves efficiency but at the same time there are concerns regarding Data privacy and security which cannot be ignored.
2	Financing the Underserved: A Study of Microfinance with reference to Self-Help Groups-	Mr Avin Kaushik Shah	04-12-2024	Presented and published	Kokan Gyanpeeth Uran College of Commerce & Arts.	Indias economic growth is noteworthy, inspite of that a significant portion of its population still remains out of the formal financial and

	Bank Linkage programmes in India.					<p>traditional banking services. The Microfinance Institutions (MFI) have emerged as alternative mechanisms to bridge this gap by offering financial services to the economically marginalised segments by lending small amounts of money as loans or temporary credits that are called microloans or microcredits. Microfinance in India exists for almost 30 years now, which has been very instrumental to provide financial services especially to women and around millions of poor rural households enabling them to grow their businesses and have high standard of living by improving their incomes. This sector has grown over the years with the regulations and the policy interventions by the government and Reserve Bank of India from time to time. The Self Help Group Bank Linkage Programme (SHG-BLP) is one of the Microfinance programs that was first introduced by the National Bank for Agriculture and Rural Development (NABARD) in 1992-93. Even today it is instrumental in furthering the financial inclusion across India. This paper is exploratory in nature which tries to study the evolution and growth of the SHG-BLP since its launch. Whether these programs are effective and contribute to any kind of poverty alleviation and empowerment remains a question. However, the study also identifies several challenges and limitations associated with the SHG-BLP programme, Furthermore, disparities in access to financial services still exists among different demographic groups,</p>
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						particularly women and rural populations. Finally, the findings aim to inform policymakers, practitioners, and stakeholders on adopting such strategies to optimize the SHG-BLPs contribution towards inclusive and sustainable development in the country.
3	Applications of ITS region in fungal DNA barcoding: A Current Perspective	Dr Mahavir Chandrakant Gosavi	01-12-2023	Presented	International Conference on Biology, Biodiversity & Biotechnology of Fungi, 1st and 2nd December 2023.	Applications of ITS region in fungal DNA barcoding: A Current Perspective
4	Isolation, Identification and Screening of Cellulolytic Fungi from Soil in Maharashtra Nature Park	Dr Mahavir Chandrakant Gosavi	01-12-2023	Presented	International Conference on Biology, Biodiversity & Biotechnology of Fungi, 1st and 2nd December 2023.	Isolation, Identification and Screening of Cellulolytic Fungi from Soil in Maharashtra Nature Park
5	Antibacterial and Antifungal potential of Tridax procumbens	Dr Mahavir Chandrakant Gosavi	01-12-2023	Presented	International Conference on Biology, Biodiversity & Biotechnology of Fungi, 1st and 2nd December 2023.	Antibacterial and Antifungal potential of Tridax procumbens
6	Avvaiyyar: the Significance of the Tamil Poet to Contemporary Indian Society	Mrs Vidya Hariharan	09-03-2024	Presented	K J Somaiya College of Arts and Commerce	This paper discussed the importance of the teachings of Avvaiyyar the 2nd Century Tamil poet to contemporary Indian Society.
7	The Anxiety of Homelessness and Disorientation in Jhumpa Lahiris Whereabouts	Mrs Vidya Hariharan	17-02-2024	Presented	Gogate-Walke College, Banda	The paper discussed the themes of anxiety and disorientation spreading in contemporary society due to a feeling of uncanny or not-at-homeness. the uncanny and alienation may define the inevitable human condition,

						heterotopic or other spaces are proliferating and acceptable, threshold spaces can be the alternative to traumatic memories of home; and constant movement can be an alternative to the unheimlich of modernity. One need not be at home to feel at home anywhere.
8	Space, Access, Power: an Examination of the Spatialized Nature of Disability through the Works of Edward Soja	Mrs Vidya Hariharan	08-02-2024	Presented	Department of English, SIES College, Sion West	The paper discussed the difficulties in navigating everyday spaces due to institutional/establishment apathy towards those suffering disabilities and the ways in which spaced can be made user friendly.
9	Chemical degradation study of Strongly Basic Anion Exchange Resin Indion 810 with variable concentration of peroxide	Ms Mahalaxmi C. Nadar	11-05-2024	Presented	VPMS R Z SHAH COLLEGE OF ARTS SCIENCE AND COMMERCE Mithagar Road, Mulund East- 81	Participated and Presented an research paper on Chemical degradation study of Strongly Basic Anion Exchange Resin Indion 810 with variable concentration of peroxide. under Sub-Theme: Pure Sciences
10	Millets to Millettude-A New Mission of Maharashtra	Dr Rashmi Samir Bhure	15-09-2023	Presented	Department of Economics, SIES College of Arts, Science & Commerce (Autonomous)	A two-day National Seminar on Resurgence of Millets as Super Crop-Prospects and Challenges.
11	Symbolism and Substance: Reflections on PM Modis State Visit to the United States	Dr Rashmi Samir Bhure	14-08-2023	Presented	Department of Politics, SIES College of Arts, Science and Commerce (Autonomous)	A National seminar on India-US Relations: Gaining New Grounds.
12	Potential of waste mangrove apples as a raw material for production of bioethanol.	Dr Richa Singh	11-06-2023	Presented	XV Triennial and III International Conference of Indian Women Scientist Association (IWSA)	Parmar S, Ail V, Singh R. Potential of waste mangrove apples as a raw material for production of bioethanol. XV Triennial and III International Conference of Indian Women Scientist Association (IWSA) on 11th-13th June, 2023.

13	Pomegranate peel as biosorbent : A sustainable approach for dye removal.	Dr Richa Singh	13-03-2024	Presented	Jignyasa Research Convention organized by SIES College	Bijumon G, Kokate S, Shethia J, Acharya A, Singh R. Pomegranate peel as biosorbent : A sustainable approach for dye removal. Jignyasa Research Convention organized SIES College on 13th March 2024.
14	Screening of Plant Growth Promoting Properties and Heavy Metal Tolerance of Rhizospheric Microorganisms in the Mangrove Ecosystem	Dr Subi Yoosuf	15-12-2023	Presented	D.Y Patil (deemed to be) University School of Biotechnology & Bioinformatics	DBT Sponsored International Conference on Biological Sciences for Sustainable Future
15	Synthesis and characterization of Thymol-based nanoemulsion as an antimicrobial system	Dr Subi Yoosuf	13-03-2024	Presented	SIES College of Arts, Science and Commerce (Empowered Autonomous)	Jignyasa 2024: A research meet
16	Eco-tourism: An Approach towards Sustainable Business	Mrs Pooja Santosh Sawant	02-03-2024	Presented and published	Sahajeevan Shikshan Sansthas I.C.S. college of arts, commerce and science	Tourism is a growing sector. Tourism and its allied businesses should be take care of environment nd culture of a region and take the responsibility to create minimize the impact on the environment.
17	Numerical solution of Burgers equation using fourth order uniform hyperbolic polynomial Bspline based Collocation method	Ms Mansi Subhash Palav	23-06-2023	Presented	Department of Mathematics & Department of Physics, S. V. National Institute of Technology, Surat, 395007, Gujarat, India	Conference Name: 3rd International Conference on Mathematical Modelling and Simulation in Physical Sciences (MMSPS-2023)
18	An efficient finite element scheme using uniform hyperbolic polynomial B-spline for advectiondispersion equation	Ms Mansi Subhash Palav	23-06-2023	Presented	Department of Mathematics & Department of Physics, S. V. National Institute of Technology, Surat,	3rd International Conference on Mathematical Modelling and Simulation in Physical Sciences (MMSPS-2023)

					395007, Gujarat, India	
19	Numerical studies of solute transport in heterogenous porous formation	Ms Mansi Subhash Palav	14-07-2023	Presented	Manipal Institute of Technology Bengaluru, 560064, Karnataka, India,	International Conference on Recent Advances in Fluid Mechanics and Nanoelectronics (ICRAFNMN-2023)
20	Numerical solution of one-dimensional solute transport with non-linear sorption and non-linear decay,	Ms Mansi Subhash Palav	11-12-2023	Presented	Veer Narmad South Gujarat University and S. V. National Institute of India, Surat, Gujarat India	10th International Conference and 26th Annual Conference of Gwalior Academy of Mathematical Sciences (ICGAMS 2K23) on Mathematical Modelling, Simulation and Computational Methods (MMSCM 2023)
21	An Interrogation of the Posthuman Ethics of Care in the Malayalam Movie Android Kunjappan Ver 5.25	Dr Seema C.	20-04-2024	Presented and published	New Horizons in Humanities and Basic Sciences for Sustainable Development, IQAC	Presented a paper titled An Interrogation of the Posthuman Ethics of Care in the Malayalam Movie Android Kunjappan Ver 5.25 in the One-Day Multidisciplinary International E-Conference on New Horizons in Humanities and Basic Sciences for Sustainable Development organised by IQAC of Arts, Commerce and Science College Onde, Palghar on 20th April 2024.
22	Eating Much? Resistant Gendered Bodies in Necropolitics	Dr Seema C.	24-01-2024	Presented and published	Research Department of English, St Xaviers College, Palayamkottai, Tamil Nadu	Presented a paper titled Eating Much? Resistant Gendered Bodies in Necropolitics in the National Conference on The Confluence of Literature, History and Culture: Negotiating Differences through Intercultural Dialogue and Third Space organised by the Research Department of English, St Xaviers College, Palayamkottai, Tamil Nadu on 23rd and 24th January 2024.
23	Fungal Pharmaceuticals: From Nature to Clinical Frontiers	Mrs Sakshi	01-12-2023	Presented	SIES College of Arts, Science, and Commerce (Empowered Autonomous), Sion (W), Mumbai	Presented Poster at the International Conference on Biology, Biodiversity and Biotechnology of Fungi (1st and 2nd December, 2023), under the department of Botany, SIES College and in collaboration with Association of Fungal Biologists

24	Fungal Pharmaceuticals: From Nature to Clinical Frontiers	Mrs Sakshi	01-12-2023	Presented	Association of Fungal Biologists and SIES College of Arts, Science, and Commerce (Empowered Autonomous), Sion (W), Mumbai	Presented Poster at International Conference on Biology, Biodiversity and Biotechnology of Fungi (1st and 2nd December, 2023), under the department of Botany, SIES College and in collaboration with Association of Fungal Biologists
25	Myconutraceuticals: A Boon to Health-Care Industry	Mrs Sakshi	01-12-2023	Presented	Association of Fungal Biologists and SIES College of Arts, Science, and Commerce (Empowered Autonomous), Sion (W), Mumbai	Presented Poster at the International Conference on 'Biology, Biodiversity and Biotechnology of Fungi (1st and 2nd December, 2023), under the department of Botany, SIES College and in collaboration with Association of Fungal Biologists
26	Comparative study on some freshwater lakes in and around Mumbai, India	Dr. Vishnuprasad Varadarajan	14-10-2023	Presented	6th International Symposium on Water Pollution and Treatment. (ISWPT 2023)	Presented this research work published earlier in 2019 in the Journal of Ecology and Natural Resources, co-authored with a student of M.Sc. (Environmental Botany).
27	Is Economic Equality a Mythical Unicorn? The Matthew Effect in the Select Short Fiction of C.N. Annadurai	Prof Lakshmi Muthukumar	26-03-2024	Presented and published	Christ College of Arts and Science, Kilachery, Thiruvallur	Paper entitled as Is Economic Equality a Mythical Unicorn? The Matthew Effect in the Select Short Fiction of C.N. Annadurai in the National Conference organized by the Christ College of Arts and Science, Kilachery, Thiruvallur held on 26th March, 2024.
28	Marigold ensilage as a source of cellulose degrading fungi and extraction of phytobiotic pigment from the same	Ms Waheedunnisa Nizamuddin Chaudri	04-02-2024	Presented	kasturba walchand college of arts,science and commerce	Helix event was organized by Kasturba Walchand college of Arts,science and commerce ,sangli . I won second rank in paper presentation
29	Determination of the antimicrobial as well as antibiofilm activity of the essential oils obtained from the	Mr Pramod Ananda Kamble	23-10-2023	Presented	Amity University, Maharashtra, India	Participated in the oral presentation at the International Conference on Advances in Biotechnology: Current Discoveries and Future Perspectives organized by Amity

	leaves of Aegle marmelos against methicillin-resistant staphylococcus aureus (MRSA), screening of its synergistic potential with vancomycin and					University, Maharashtra, India and the topic was Determination of the antimicrobial as well as antibiofilm activity of the essential oils obtained from the leaves of Aegle marmelos against methicillin-resistant staphylococcus aureus (MRSA), screening of its synergistic potential with vancomycin and study of its quorum sensing inhibition property.
30	Screening of the Antifungal and Antibiofilm activity of the essential oils of Aegle marmelos against Candida albicans using morpho-molecular analysis	Mr Pramod Ananda Kamble	01-12-2023	Presented	Department of Botany, SIES College of Arts, Science and Commerce (Autonomous), Mumbai, India	Presented and Participated in the oral presentation at the International Conference on Biology, Biodiversity and Biotechnology of Fungi organized by the Department of Botany, SIES College of Arts, Science and Commerce (Autonomous), Mumbai, India and the topic was Screening of the Antifungal and Antibiofilm activity of the essential oils of Aegle marmelos against Candida albicans using morpho-molecular analysis.
32	Indian Disability Act of 2016: A comprehensive Policy analysis	Ms Megha Rajesh Tiwari	08-02-2024	Presented	SIES College of Arts, Science and Commerce	The paper was a comprehensive policy analysis of the Rights of Persons with Disabilities Act, 2016 implemented in India. The two authors (Ms. Amruta Padhye and Ms Megha Tiwari) independently reviewed the act and carried out a structured systematic analysis, findings of the same were presented at the conference.
33	Avvaiyyar: the Relevance of the Ancient Tamil poet to Contemporary Indian Society	Mrs Vidya Hariharan	09-03-2024	Presented	IQAC, K.J.Somaiya College of Arts and Commerce	Presented and published a paper on Avvaiyyar: the Relevance of the Ancient Tamil poet to Contemporary Indian Society at the International Conference on 'Unveiling the Role of Women in Indian Knowledge Systems organized by IQAC, K.J.Somaiya College of Arts and Commerce on 9th March 2024.

34	Indian Disability Act Of 2016: A Comprehensive Policy Analysis	Ms Amruta Avinash Padhye	08-02-2024	Presented	Department of English, SIES College of Arts, Science and Commerce	The paper was a comprehensive policy analysis of the Rights of Persons with Disabilities Act, 2016 implemented in India. The two authors (Ms. Amruta Padhye and Ms Megha Tiwari) independently reviewed the act and carried out a structured systematic analysis, findings of the same were presented at the conference.
35	Chemical degradation study of Strongly Basic Anion Exchange Resin Indion 810 with variable concentration of peroxide	Ms Mahalaxmi C. Nadar	11-05-2024	Presented	Internal Quality Assurance Cell(IQAC) of VPMs R Z Shah College of Arts Science and Commerce in association with Centre for International Studies(CIS)	Presented a research paper titled Chemical degradation study of Strongly Basic Anion Exchange Resin Indion 810 with variable concentration of peroxide in One Day Multidisciplinary National Conference on Incredible India in AMRIT KAAL organised by Internal Quality Assurance Cell(IQAC) of VPMs R Z Shah College of Arts Science and Commerce in association with Centre for International Studies(CIS) on 11th May 2024
36	Biological treatment of Reactive Brown and Reactive Blue textile dye	Dr Tara Suresh Menon	22-02-2024	Presented	CKT College	Presented in the International conference on Connecting Innovations in Biotechnology for Human Welfare at CKT College
37	Reactive textile dye remediation using biological formulation and Advanced oxidation process	Dr Tara Suresh Menon	16-12-2023	Presented	DYPU	Presented at the International Conference on Biological Sciences for Sustainable future at DY Patil University.
38	Investigation of potential crude oil degraders isolated from dockyard seawater and petroleum refinery sludge	Dr Tara Suresh Menon	13-06-2023	Presented	Indian Women Scientists Association (IWSA)	Presented a poster titled Investigation of potential crude oil degraders isolated from dockyard seawater and petroleum refinery sludge in the XV Triennial Conference and III International Conference on Women in Science and Technology: Soaring on the Wings of Change organized by Indian Women Scientists Association (IWSA) between 11th and 13th June 2023.

39	Investigation of potential crude oil degraders isolated from dockyard seawater	Dr Tara Suresh Menon	13-01-2024	Presented	BSBE, IIT Bombay	Presented a poster titled Investigation of potential crude oil degraders isolated from dockyard seawater in the 26th Annual Genvision - BIOS: Bridging Innovations and Opportunities in Science organized by BSBE, IIT Bombay on 13th and 14th January 2024
40	Investigation of potential crude oil degraders isolated from dockyard seawater	Dr Tara Suresh Menon	05-04-2024	Presented	St. Aloysius (Deemed to be university) Mangalore	Presented a poster titled Investigation of potential crude oil degraders isolated from dockyard seawater in the ICESHN 2024 - International Conference On Environmental Sustainability: Harmony With Nature organized by St. Aloysius (Deemed to be university) Mangalore on 5th and 6th of April 2024
41	Millets production in India: A disaggregated analysis of production prospects of two major millets crops in India	Dr Shaifali Kumawat	15-09-2023	Presented	Department of Economics, SIES College of Arts, Science and Commerce, Sion (W)	The year 2023 will be observed as the International Year of Millets. The study on millets production and consumption carried out the estimation of growth of millets in terms of area, production and consumption during the year 1950 to 2020. This study may help the researchers and policy makers in framing the long term strategies to boost the production of millet.
42	Interaction distances from elastic scattering data involving weakly bound stable and unstable projectiles	Dr. Vishal V. Desai	09-12-2023	Presented	Indian Institute of Technology Indore, Madhya Pradesh, India	Presented at the 67th DAE Symposium on Nuclear Physics, SNP-2023 held at Indian Institute of Technology Indore, Madhya Pradesh, India during December 9 - 13, 2023.
43	Economic Case for Disability Inclusion: Reviewing the Cost of Exclusion and the Benefits of Inclusion	Dr Shruti Rajeev Panday	08-02-2024	Presented	English Department SIES College of Arts, Science and Commerce	NA
44	Environmental Ethics & Indian Wisdom: A moral Compass for SDGs	Dr Shruti Rajeev Panday	30-08-2024	Presented	Economics Department, Somaiya College	NA