

RESEARCH SCOPE

ISSUE-4 (October, 2023)

Interdisciplinary Refresher Course on Research Methodology and Teaching Pedagogy

An Online 15 Days Interdisciplinary Refresher Course On Research Methodology and Teaching Pedagogy was organized by The Centre for Research, Innovation and Training (CRIT), IIS(Deemed to be University), Jaipur, on 12-26 June, 2023. The 15 days refresher course comprised of the inaugural session, 24 technical sessions and the valedictory session. The course was delivered through pre-recorded video lectures. The participants were assessed on the basis of quizzes. The course was attended by sixty eight participants from various Indian and foreign institutes and universities. The resource persons for Day 1 were Dr. Amita Sharma and Ms. Harshita Bhargava IIS (Deemed to be University). They introduced the participants to Introduction to Online Teaching and MOOCs. The sessions on Day 2 were taken by CA Priya Jain, Ms. Babita Sharma, Dr. Amita Sharma, Mr. Bhaskar M. Tiwari and Ms Priyanka Dewatwal from IIS(deemed to be University), Jaipur. The speakers elaborated on Google Classroom, Video Recording and Editing tool and AI Tools. The speakers for Day 3 were Dr. Aastha Saxena, Dr. Navneet Sharma, Dr Ruchi Nanda, Ms. Priyanka Dewatwal and Dr. Deepshikha Bhatia from IIS(Deemed to be University). They discussed about live charts, Diagram, Infogram and Mind maps, Canva and Animation Graphics. The sessions on Day 4 were related to Gamification Tools (Raptivity, Mentimeter, Kahoot) and evaluating and reviewing MOOC's. The speakers for the sessions were Dr. Anubha Jain, Dr. Priyanka Verma, Dr. Chhavi Jain and Dr. Amita Sharma from IIS (Deemed to be University), Jaipur. The Day 5 was allotted to participants for Self Exploration and Submission of quizzes. The sessions on Day 6 were related to ethics in research writing and Referencing & Advance Searching Tools. The speakers were Dr. Vijay Singh Rathore, Dr. Sreemoyee Chatterjee and Dr. Amita Sharma and Dr. Sonal Jain from IIS (Deemed to be University). Systematic review of literature and Meta analysis was dealt by Ms. Osheen Modi and Dr. Roopam Kothari on Day 7. On Day 8, Dr. Amita Sharma elaborated meta analysis and Ms. Aayush Mahla from Subramian and Associates and Dr. Abhishek Kumar Tiwari, Deputy Director, Law College, University of Rajasthan explained about procedures and rules regarding patent, copyrights and plagiarism. Moreover, Prof. Ramphal Sharma discussed the procedure of designing Research Proposal for Funding Agencies in India and Abroad. Dr Smita Pandey and Dr Sonal Jain talked about Indexing, Impact Factor, Scientific Journal Finder and Dr. Pooja Choraria and Ms, Surbhi Gupta discussed in detail about basics of descriptive statistics on Day 9. The Day 10 was allotted to participants for Self Exploration and Submission of Quizzes. The resource persons on Day 11 were Dr. Ankita Chaturvedi, Dr. Princy Thomas and Dr. Shilpi Saxena. They elaborated on basics of inferential statistics and statistical softwares. Descriptive statistics and parametric testing were explained by Dr. Ruchi Jain and Vandana Sachdeva from IIS (deemed to be University) on Day 12. Non parametric testing and factor analysis were taken by Dr. Shweta Kastiya, Dr. Anju Singh and and Dr. Mridula Sharma and Dr. Shilpie Saxena on Day 13. On Day 14, Co-relation and regression analysis were dealt in detail by Dr. Roopam Kothari and Dr. Anju Singh.



ONLINE 15 DAY
INTERDISCIPLINARY
REFRESHER COURSE

RESEARCH METHODOLOGY AND
TEACHING PEDAGOGY
12-26 JUNE 2023

Organized by



Centre for Research, Innovation
and Training (CRIT)

FROM THE DESK OF

Director CRIT



Prof. K.S. Sharma

This is the third issue of ReasearchScope, highlighting research achievements in the subjects of Statistics, Geography, and Political Science. The research in these subjects is in its infantile stage and shall grow with time, creating good opportunities for scholars in these areas.

The discipline of Statistics is playing an important role in the usage of statistical methods in the research in social sciences, as well as science subjects. The research is also being conducted in the discipline for the past 2 years and we hope for good output from the discipline in times to come.

Geography is another discipline in which scholars coming from the state and outside come for conducting research in the areas like Geomorphology, Climatology, Water Research, Cultural Geography, and Agricultural Geography. At present, 10 scholars are registered with this discipline.

Political Science is a subject of choice for scholars of Social Sciences. PG classes and research in Political Science and International Relations started recently, and it is expected that the research in this subject will further augment providing quality output in the publications in times to come.

The committee constituted by DST visited the university regarding the CURIE proposal for the development of basic infrastructure and research facilities in the science departments of the University. As per the letter dated 23 January 2023 from KIRAN division of DST, the project has been sanctioned to the University for 3 years with a funding of around 2.93 crores, which will allow the science departments to upgrade their research facilities, which shall pave the way for quality research and publications by the University.

I wish the current issue of ResearchScope the best and hope that it marks the beginning of a successful future in research for the subjects of Statistics, Geography, and Political Science.



Dr. ISHA SUKHWAL

Department of Home Science

Received
Young Scientist Award
at 2nd International Conference
on Foods and Nutrition
organized by Conference Mind,
Germany Frankfurt
Held on 30-31 Jan. 2023



Dr. MAHIMA RAI

Department of Management

Best Paper Award
in 6th National Business Research
Conference on
"Innovation and Advances in
interdisciplinary Business Research
(IAIBR'23)" held on 28 Jan. 2023
organized by
Dhanraj Baid Jain College, Chennai



Dr. MUDITA MENON

Department of Mathematics

Best Paper Award
in two days international
conference on 'Tools and
Techniques for Multidisciplinary
research design 2022 at Eudoxia
Research University, New Castle,
USA and Eudoxia Research
Centre, New Delhi

RESEARCH BASED ACTIVITIES



The 37th IAPT (The Indian Association of Physics Teachers) Convention jointly organized by IAPT RC-6 and IIS (deemed To be University) Jaipur during the 7-10 October 2023

Two Days workshop on "Reading Rajsthani Sources" on 6-7 October 2023 organized by the Department of History and Indian Culture



A two-day International Conference on "Millets: A Sustainable Approach Towards Health Nutrition And Environment", was organised by the School of Home Science, on 25-26 September 2023.



Play with Physics: learning with fun Dept of Physics 27 February 2023



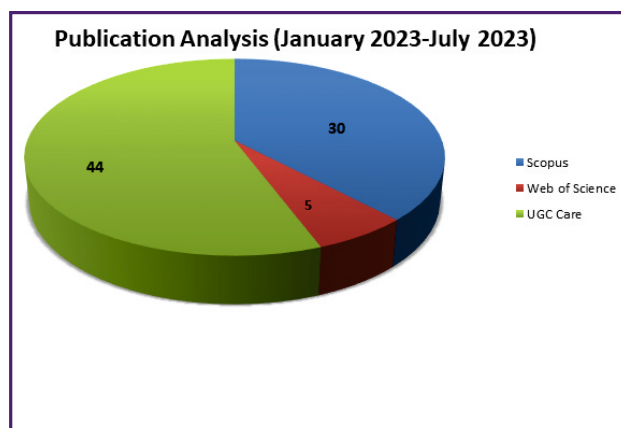
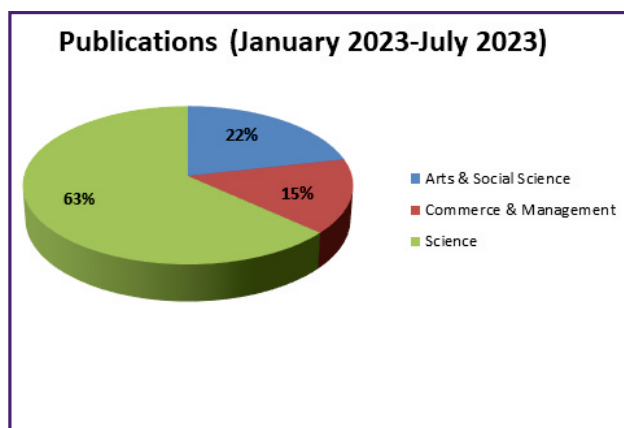
Workshop on "A New Scientific Language LATEX" Department of Mathematics 7 February 2023

National Workshop on Time Series Analysis through EViews 19-25 December 2022 Department of Economics



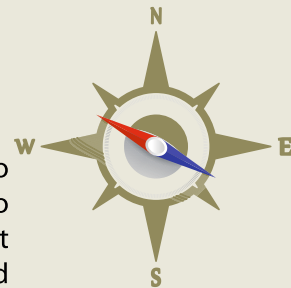
7 days workshop on "Scientific and Technical Writing" 13-19 February 2023 Department of Chemistry

PUBLICATION STATUS



DEPARTMENT OF SOCIOLOGY

The Department of Sociology conducts U.G. , P.G. and Ph. D. programme in Sociology and also offers M.S.W. and Ph. D. in Social Work. It facilitates the students to develop critical thinking to explore the lives of people around and understand their social world better. The students carry out their own research work in their respective areas of interest under constant supervision and guidance from the faculty.



COMPLETED RESEARCH PROJECTS

- UGC Minor Research Project on Globalization and Women in Informal Sector titled as 'A study of Socio-Economic status of Women working in Traditional small scale industries in Urban Jaipur city'
- ICG Minor Research Project on Education and Learning Society, titled as 'A Study of changing Life Patterns of Families of Economically Backward Girl Child availing free Education in English Medium Schools'

ONGOING RESEARCH PROJECT

- ▶ One minor research project titled 'Gender Mapping in Curriculum of Higher Education Institutions: A Systematic Review of Syllabi and Teaching Learning Practices' sanctioned as part of action research component of International Project titled as 'A Research Study to Further Gender Equality in higher education in India' sanctioned by Savitri Bai Phule University, Pune and Brunel University, UK in July, 2022.

FACULTY ACHIEVEMENTS

- ▶ The curriculum is balanced by inclusion of both theoretical and applied aspects of sociology that includes classroom teaching and learning along with field visits and field researches.
- ▶ The syllabus is adequately diversified since it includes all aspects of society like rural society, urban society, social problems, social anthropology, structure and change in Indian society, social work and social demography.
- ▶ Field based projects at UG level wherein the students conduct research by using primary and secondary sources of data
- ▶ Internship is mandatory at Masters level for both Sociology and Social Work to enable the students to meet with the market expectations.
- ▶ Seminars based on ICT resources have been introduced in P.G. Courses
- ▶ Interdisciplinary papers like Social Psychology, Social Work and Political Sociology are included in the syllabi.
- ▶ Adequate representation of theoretical perspectives and sociological thought in the syllabus that helps in guiding Qualitative Research.

CONFERENCES AND ACTIVITIES

The Department organized:

- A two days National Conference on 'Social Transformation and Media: Realities and Challenges' in October 2015 in collaboration with Department of Journalism and Mass Communication.
- A webinar on 'Research and Innovation: Exploring Gender Challenges' in collaboration with Department of Chemistry and Centre for Women's Studies on 9th February, 2019.
- A workshop on 'Gender stereotyping and Elimination of Violence against Women' on 25th November, 2022 in collaboration of ICC and Centre for Women's Studies.
- A Student Interactive Programme in Collaboration with Sarojini Naidu Centre for Women's Studies, Jamia Milia Islamia Central University, New Delhi on 27th August, 2022
- Four field visits to Neota village as part of training the students in field work in rural areas to create awareness about various social issues, self-help group and skill development in 2022-23

BEST PRACTICES

- ▶ The Department organizes PRA workshops every year to train the students in field work in rural areas.
- ▶ Pre- class reading material is given to students for better class room comprehension.
- ▶ Projects and field visits substantiate theoretical understanding of the subject.

BEST PUBLICATIONS

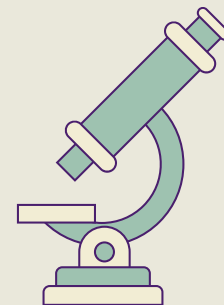
- Nisha Yadav & Arti Sharma, A Sociological Study of COVID-19 from the Lens of Late Modern Thought, Neuroquantology, August 2022, Vol.20, Issue10, Pg 1320-1332, doi:10.14704/nq2022.20.10.NQ55101
- Shweta Kastiya & Arti Sharma, Impact of Internet Addiction on Workplace Procrastination: An Empirical Study on Millennial Employees, Prabhandhan: Indian Journal of Management, January 2020, Vol. 13, Pg.45-58

TOTAL PUBLICATIONS BY THE DEPARTMENT

Total Chapters in Book – 14, Total books published - 6, Publication in last five years – 23, Ph.D. Supervisor-3, Ph.D. degree awarded- 9, Students enrolled in Ph.D. – 20, Scholars obtaining JRF - 2

DEPARTMENT OF ECONOMICS SCHOOL OF SOCIAL SCIENCES

As a part of the School of Social Sciences at IIS (deemed to be university) the Department of Economics, established in 1995, is one of the oldest and the most progressive departments of the University. It attracts students not only from Rajasthan but from all over the country. The department offers the following programmes- • Ph.D, • M.A./M.Sc., • B.A.(Hons)/B.Sc.(Hons), • B.A./B.Sc./B.A. B.Ed.



INNOVATIONS IN CURRICULUM

- ▶ The innovative curriculum of the department at undergraduate as well as postgraduate level provides ample exposure to the students which enhance their knowledge of the subject. The curriculum has been enriched by introducing papers like Econometrics, Financial Economics, Health Economics and application of software like SPSS and E Views. The students are also taught to analyze data using MS Excel.

THRUST AREAS OF RESEARCH

The research at the department aims to build a better understanding of the students and to hone their problem solving skills. Following are the thrust areas of research in the department -

- ▶ Growth and Development
- ▶ Health Economics
- ▶ Good Governance

THE IIS ECONOMICS SOCIETY

The IIS Economics Society is an economic society for the students of the department. The motive of the society is to encourage the development of economic thought and ideas beyond the classroom, to help the students increase network amongst themselves, to organize various activities and to help students boost their self-esteem and showcase their keen interest in economics.

ACTIVITIES

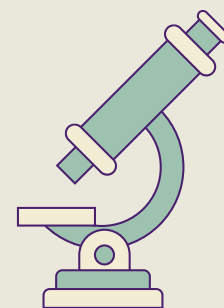
- ▶ Bishnoi, C.R., & Sharma, A. (2022). "An Econometric Approach to Analyse the Perceived Cartel Behaviour of OPEC". Theoretical and Applied Economics, Vol. XXIX. 3(632), Autumn, pp. 27-42 (UGC-CARE List Group I).
- ▶ Pandey, Y. & Bishnoi, C.R. (2022). "A Cross Country Analysis of Components of Economic Growth Through the Growth Accounting Approach". Theoretical and Applied Economics, Vol. XXIX. 4(633), Winter, pp. 89-102 (UGC-CARE List Group I)
- ▶ Pandey, Y. & Bishnoi, C.R. (2022). "The Determinants of Economic Growth in India: An Empirical Analysis". Aarthika Charche -FPI Journal of Economics & Governance, Vol 7 No.2, pp. 16-30 (UGC-CARE List Group I)
- ▶ Agarwal, N., Pareek, D., Kastiya, S. & (2021). "The Factors Affecting Consumer Behaviour Towards Functional Food Categories in 21st Century- A Study of India". Shodh Sanchar Bulletin, Vol 11. (41). (UGC-CARE Listed)
- ▶ Andrews, A., Agrawal, Y., & Pareek, D., (2023). "Economic Growth Factors Influencing Emerging Market Economies". The Management Accountant Journal of The Institute of Cost Accountants of India (UGC-CARE Listed).
- ▶ Singh, P., & Vaish, A. (2022). "An Investigation of India's Trade with BRICS Countries: Gravity Model Approach". International Journal of Agricultural & Statistical Sciences. (UGC-CARE List Group II-Web of Science).
- ▶ Meena, A., & Vaish, A. (2022). "A Mathematical Model for Analysing the Significance of Information Technology Resources in School Education during Pandemic". Journal of Interdisciplinary Mathematics, Francis & Taylor Group. (UGC-CARE Listed)
- ▶ Sharma, N., & Vaish, A. (2021). "Growing Contribution of Service Sector in India's Economy: An Analysis of its Performance in Pre and Post-reform Periods". Shodh Sanchar Bulletin. Vol 11. (41). (UGC-CARE Listed)
- ▶ Sharma, U., & Vaish, A. (2021) "Mukhyamantri Chiranjeevi Yojana: Analysing the Affordable Health Insurance Model". PRAGATI - Journal of Indian Economy. (Peer reviewed)
- ▶ Meena, A., & Vaish, A. (2020). "Information and Communication Technology Tools for Research in Social Sciences". TEST Engineering & Management Journal. (UGC-CARE Listed)



DEPARTMENT OF HISTORY

SCHOOL OF SOCIAL SCIENCES

The Department of History offers B.A., B.A. (Hons), M.A. and Ph. D. programmes. The major area of research is study of socio-cultural in different periods of history.



CONFERENCE & WORKSHOPS ORGANIZED:

- ▶ The Department of History and Visual Arts jointly organized in association with Hyundai a Two-day workshop on Terracotta Art on 20-21 February 2023.
- ▶ Two days National Conference on 'Revisiting History, Nation and Culture through Autobiography, Biography and Memoirs' on 12-13 January 2018 Sponsored by Indian Council of Historical Research, New Delhi
- ▶ Two -day workshop on "Reading Rajasthani Archival Sources" on 4-5 August, 2017

INNOVATIONS IN CURRICULUM

- The curriculum is balanced by inclusion of projects and visits to places of historical significance.
- The syllabus is adequately diversified including all periods of Indian History and Modern World History
- Research projects at UG level by using primary and secondary historical sources.
- Internship at Masters level to enable the students to have hands-on experiences with Museology and Heritage Conservation.
- Seminars based on ICT resources at P.G level
- Papers with Interdisciplinary like Tourism, Gender Studies, Indian Art papers are included in the syllabi, opening diversified avenues for employment.

BEST PUBLICATIONS DURING LAST FIVE YEARS

- Prof. Sharad Rathore -Gandhian Influence on the Women Freedom Fighter of Rajasthan, Jijnasa A Journal of History of ideas and Culture, Vol XXX 2022-23, ISSN0377-743-X, Forgotten Histories of Women in Freedom Struggle in Rajputana States-Dr. Pratibha Jain Commemorative Volume.
- Prof. Sharad Rathore- Cultural and Chivalric Ethos in the Heroic Poetries of Medieval Rajasthan, Juni Khyat, July-December 2022, 12, First edition.
- Monisha Raj soyal -Lord Krishna's Crown: Hawa Mahal, Shodhak A Journal of Historical Research , Vol.4,2017, ISSN No. 03029831.
- Dr. Arti Sharma , Vinisha Raj Soyal and Dr. Monisha Raj-Exploring elder abuse as a risk factor for psychological distress among elderly women in Jaipur city: A cross-sectional study, Anvesak, A bi-annual journal, vol.52, ISSN no-0378-4568, Dec 2022.
- Dr. Monisha Raj Soyal-Development of Pothikhana in Jaipur during the reign of Sawai Pratap Singh, Kanpur Philosophers, Vol.IX, issue XII, ISSN no.23488301, Dec 2022.

RESEARCH BASED ACTIVITIES

- A Documentary screening on Akbar from "Bharat Ek Khoj", Episode 36 on 22 Feb 2023 at 1:45 PM in the A.V.Hall.
- Guest Lecture under the aegis of BHARAT LOKTRANTRA KI JANANI "Community Participation in State Formation: A case study of Punjab c.600BC - 1600BC" on 26th November 2022
- A Two-day Guest Lecture on Development of Railways in India: Colonial times till Independence and Drain of wealth and its impact on Indian Economy on 12th and 13th April 2022.
- Film Screening on "Bharat Ek Khoj: Moderates and Extremists, Episode 48". for the History department students on 18th January, 2022
- A Guest Lecture on "Indian Freedom Struggle and Gandhian Strategy" on 3rd December, 2021.
- A Film Screening on "Talking History of Delhi: The Era of Alauddin Khilji" on 19th November, 2021.
- A Guest Lecture on "Earliest Chalcolithic Culture of Mewar-Ahar" by Professor Lalit Pandey on 26th October 2021.
- A Guest lecture by Dr. Vikram Singh Bhati on "Using primary sources for writing History Projects" on 29th February 2020.
- A film "Gandhi" by Richard Attenborough was screened on 24th February, 2020.
- The Department had the privilege of hosting a cultural student exchange programme for the students of the College of New Jersey (USA) on January 13, 2020..
- The Department organized a Documentary Screening on Vijayanagara Empire on 2nd October, 2019.
- On the occasion of 150th Anniversary celebration of Mahatma Gandhi the Departments of History, Political Science and Public Administration jointly organized a Guest lecture on Gandhian Symbolism on 2nd September 2019.
- The University celebrated Mahatma Gandhi's 150th Birth Anniversary by organizing a 'Picture -Poster Exhibition' by students of the Departments of Political Science, History and Public Administration on 31st August 2019.

Ph.D. AWARDED

Arts & Social Sciences

- ▶ Ms. Vidushi (Fashion & Textiles)
- ▶ Ms. Nikita Batra (JMC)
- ▶ Ms. Vatsla Srivastava (Fashion & Textiles)
- ▶ Ms. Shruti Singh (Fashion & Textiles)
- ▶ Ms. Malvika Kaul (JMC)
- ▶ Ms. Mansi Singh (JMC)
- ▶ Ms. Setu Sharma (Fine Arts)
- ▶ Ms. Anjali Meena (Economics)
- ▶ Ms. Devika Mahiyariya (Psychology)

Commerce & Management

- ▶ Ms. Neelu Lamba (Commerce)
- ▶ Ms. Arshman Kaur (Commerce)
- ▶ Ms. Shweta Choudhary (Management)
- ▶ Ms. Ajita Tyagi (Commerce)
- ▶ Ms. Priyanka Jain (Management)
- ▶ Ms. Neti Goswami (Management)
- ▶ Ms. Tina Jain (Management)
- ▶ Ms. Vaishali Gohil (Commerce)

Science

- ▶ Ms. Ruchi Kalra (Home Science)
- ▶ Ms. Saba Khan (Home Science)
- ▶ Ms. Reena Verma (Home Science)
- ▶ Ms. Vyoma Agarwal (Home Science)
- ▶ Ms. Isha Sukhwat (Home Science)
- ▶ Ms. Nidhi Chaudhary (Home Science)
- ▶ Mr. Pankaj Kumar (Biotechnology)
- ▶ Ms. Mudita Menon (Mathematics)
- ▶ Ms. Sanju Gupta (CS & IT)
- ▶ Ms. Rupinder Kaur (CS & IT)
- ▶ Ms. Mamta Sharma (CS & IT)
- ▶ Ms. Meenakshi Singhal (Mathematics)
- ▶ Ms. Neha Tiwari (CS & IT)

FACULTY OUTSTANDING ACHIEVEMENTS

The following faculty members were presented with a letter of appreciation and cash awards by the University for their achievement in the field of research during academic session 2021-22.

- ▶ Dr. Anju Sharma (Science)
- ▶ Dr. Ankita Chaturvedi (Commerce & Management)
- ▶ Dr. Ekta Mittal (Science)
- ▶ Dr. Neelu Kanwar Rajawat (Science)
- ▶ Dr. Neha Batra (Science)
- ▶ Dr. Richa Bhardwaj (Science)
- ▶ Dr. Ruchi Jain (Commerce & Management)
- ▶ Dr. Ruchi Jain (Commerce & Management)
- ▶ Dr. Sulekha Ojha (Arts & Social Science)
- ▶ Dr. Vyoma Agarwal (Science)
- ▶ Dr. Reena Verma (Science)

Tentative Schedule of Internal Events

Seven Days Workshop on “Hands on Training on Microtomy” being organised by CRIT IIS (deemed to be University), Jaipur on 4 -11 Jan 2024.

For further details: E-Mail :
Dr. Shweta Kastiya
shweta.kastiya@iisuniv.ac.in

Three Days International Conference on “Recent Advancement in Sustainable Nano- Sciences & Technology Centre for Nano Science & Nano Technology being organised by IIS (deemed to be University), Jaipur on 29 -31 Jan 2024.

NOTIFICATIONS

IRC 2023: International Research Conference organized by Lal Bahadur Shastri Institute of Management New Delhi, India
November 25, 2023
https://www.lbsim.ac.in/pdf/irc_brochure.pdf

TDBTDA 2023: International Conference on Trends in Digital Business Technologies and Data Analytics Hybrid/Virtual Platform-organized by CHRIST (Deemed to be University), Lavasa, Pune, Maharashtra 412112 Lavasa., India.
December 1-2, 2023
<https://tdbtda.christuniversity.in/>

[ICMSCC-2023] - Hybrid Mode International Conference on Machine Learning for Signal Processing, Communications and Control Systems organized by Geethanjali College of Engineering & Technology, Hyderabad in Association with International Association of Research and Developed Organization (IARDO) 15-16, December-2023
<http://proceeding.conferenceworld.in/ICMSCC-2023/Brochure.pdf>

SAGSEE-2024: South Asian Conference on Social Entrepreneurial Ecosystem organized by Tata Institute of Social Sciences (TISS) Mumbai, India, January 17-19, 2024
<https://tiss.edu/view/5/homepage-data/homepage-events-and-announcements/south-asian-conference-on-social-entrepreneurial-e/>

DHRM-2024: International Conference on Disruptive Human Resource Management: People, Technology and Strategy Interscience Bhubaneswar, India organized by Institute of Management and Technology, Bhubaneswar, India Bhubaneswar, India
January 13-14, 2024
<https://iimt.ac.in/ICDHRM/index.php>

ICETCE-2024 : International Conference on Emerging Technologies in Computer Engineering Data Analytics in Intelligent Systems organized by Swami Keshvanand Institute Of Technology, Jaipur, India 02 - 03 Feb 2024
<https://icetce.skit.ac.in/>

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