

RESEARCH SCOPE

ISSUE-3 (February, 2023)



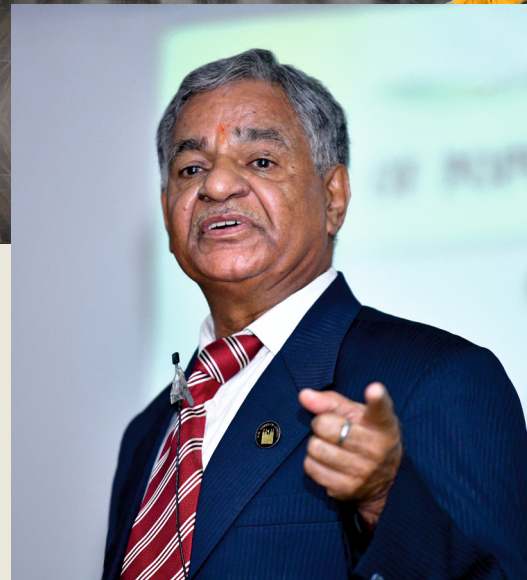
National Conference on "Recent Trends in Plant Sciences"

The two-day National Conference "Recent Trends in Plant Sciences" 9-10 November 2022 was organized by Discipline of Botany, IIS (Deemed to be University), Jaipur in collaboration with Rajasthan State Biodiversity Board and Indian Science Congress Association, Jaipur Chapter. The conference comprised of six Technical sessions, each session was followed by discussion. 140 delegates registered for the conference from all over the country. The guest of honour, Shri Venkatesh Sharma (IFS), Chairman, Rajasthan State Biodiversity Board delivered the inaugural address enlightening the significance of recent research and developments in fields of Plant Science, he also emphasized role and importance of biodiversity in sustenance of life on Earth. He also appreciated and congratulated team IISU for their efforts of organizing the event.

After the inaugural ceremony the Keynote address was given by Prof PC Trivedi, former Vice Chancellor JNV University, Jodhpur The session was chaired by Prof Vidya Patni. Prof PC Trivedi discussed about the increased use and interest renewed in herbal plants and their escalating commercial demands. He also discussed about the need of phytodiversity Conservation and the role of indigenous people in protecting biodiversity. Technical Sessions were chaired by Prof. Kailash Agarwal, Dr. Sumita Kacchawaha, Professor Dr. Amla

Batra. Different Speakers delivered their talk such as Dr. Rakesh Pandey, Prof Veena Chandra, Prof Arvind Pareek & Dr. Yogesh Joshi.

Day Two began with Technical session IV the chairperson in this session was Dr. Smita Purohit in which students who had opted for the online mode made their virtual presentations the number of presentations in this category were 14. The Technical Session V was also an online session, The chairperson in this session was Dr. Kalpana Agarwal in which 15 Faculty members from different institutions presented their research work. The Last Technical session was the poster presentation session in which a total of 33 posters were displayed of these, 24 belonged to the student category which were judged by a panel of judges for the ISCA Best Poster Award.



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.

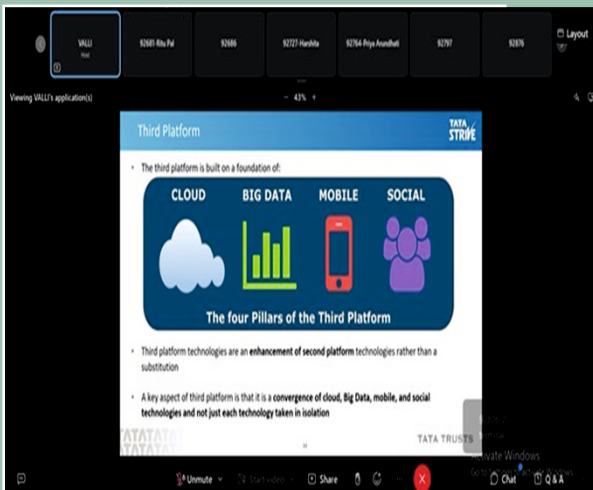
Recently, the committee constituted by DST visited the university regarding the CURIE proposal for the development of basic infrastructure and research facilities in the science departments of the University. As per the letter dated 23 January 2023 from KIRAN division of DST, the project has been sanctioned 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.

congratulations

Adding another feather in the cap, IIS (deemed to be University) has received a grant of INR 2.93 crores (approx.) under the **CURIE** (Consolidation of University Research for Innovation and Excellence in Women Universities) initiative of DST which aims at enhancing research facilities in women universities. The equipment to be procured through the grant are: Zetasizer Advance series; Atomic Absorbance Spectrophotometer; Multimode Reader; Texture Analyzer; Plant Growth Chamber; BSL II biosafety Cabinet; Probe sonicator; Microscope with camera; Incubator shaker and Deep freezer.

RESEARCH BASED ACTIVITIES



Master Training Program on Cyber Security (Sponsored CSR initiative of Microsoft Philanthropies) organized by Dept of CS & IT from 3 to 8 August, 2022

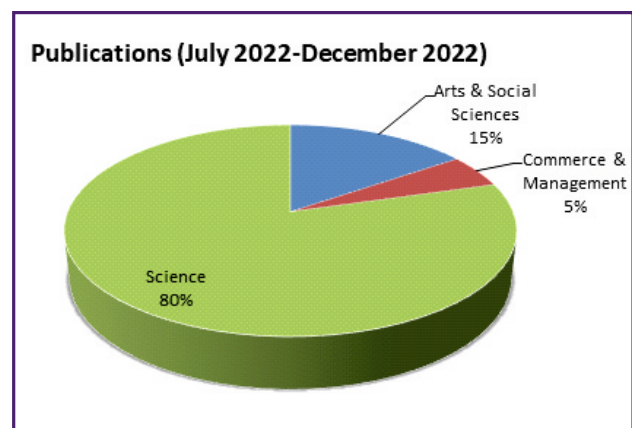
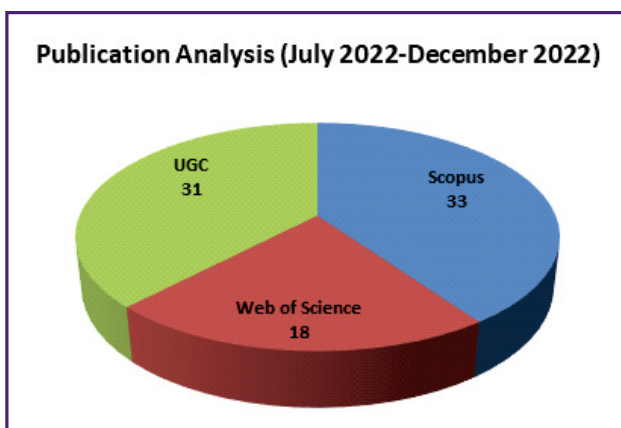


R-CAT Training organized by Dept of CS & IT in collaboration with Rajiv Gandhi Center of Advance Technology (R-CAT) on 18 August, 2022 to 23 August, 2022



Workshop by Pearson Education on Wechsler Adult Intelligence organized by Dept of Psychology on 5-Nov-22

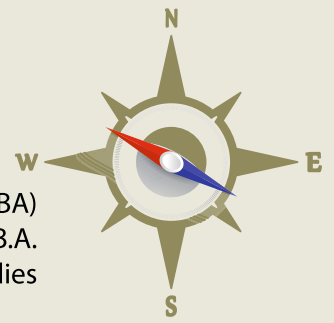
PUBLICATION STATUS



DEPARTMENT OF SOCIAL SCIENCES

DISCIPLINE OF POLITICAL SCIENCE

The Discipline of Political Science was established in the year 1995 offering an undergraduate (BA) programme. Since then it has successfully launched a number of programmes including B.A. Honours, M.A. Political Science, M.A. (International Relations), P.G. Diploma in Gandhian Studies and Ph.D.



INNOVATIONS IN CURRICULUM

Introduced a master's programme in International Relations in the year 2019-20, which includes courses on conflict and peace building, human rights in global context, international terrorism and Geopolitics in world affairs.

THRUST AREAS OF RESEARCH

- ▶ South Asian Studies
- ▶ International Relations
- ▶ Indian Government and Politics
- ▶ Western Thinkers

STUDENTS ACHIEVEMENTS

- ▶ Rashi Agarwal did Master's in International Relations from the University of Singapore
- ▶ Gaveshna Sarswat doing Master's in International Relations and Politics from Queen Mary, University of London

FACULTY ACHIEVEMENTS

- ▶ Dr Deepshikha Parashar is the co-editor of the journal 'Research Reinforcement'
- Dr. Archana Gupta- member- editorial team- IISU Journal of Social Sciences

BEST PUBLICATIONS

- Rathi, R. S. (2020). Two Chambers of Parliament: From Conflict to Consensus. *Juni Khyat*, 10(7), 65–76.
- Rathi, R. S. (2020). "Kala: The Journal of Indian Arts History Congress, 26(II), 110–120.
- Rathi, R. S. (2020). "South Asia and Home Spun Terror. *Our Heritage*, 68(66), 160–175.
- Rathi, M., & Rathi, R. S. (2020). "Skill India: Way towards a New Era". *Inspira-JMME*, 10(1), 207–210.
- Rathi, R. S. (2021). Global Trends in Corporate Governance". *ASCENT Journal Of Research Analysis*, VI(II), 8.1–8.2.
- Rathi, R. S. (2022). "Good Governance and Covid-19 Pandemic: Key Dimensions and Challenges". *Political Science Review*, 61(1), 63–73.

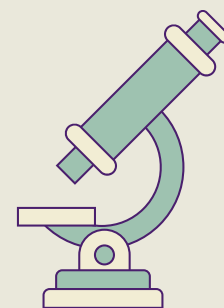
ACTIVITIES

- On the occasion of International Women's Day, Centre for Women's Studies, Discipline of Political Science and Discipline of Sociology organized a video making competition on 8 March 2022.
- The Discipline of Political Science, organized an Exhibition on Partition Horror Remembrance Day from 14 August - 17 August, 2022 to help the students understand the horrors witnessed by people during the partition and to commemorate the sufferings of the victims during that dark period in the Indian history
- The Discipline of Political Science, organized an online zoom meeting on Partition Horror Remembrance Day on 14 August 2022 to help the students understand the horrors witnessed by people during the partition and to commemorate the sufferings of the victims during that dark period in the Indian history.
- On the 21st anniversary of deadliest terror attack on World Trade Centre 9/11, the discipline of Political Science conducted a student seminar on 14 September 2022.
- Discipline of Political Science, organized the Youth Parliament on 13 October 2022. It was initiated by Ministry of Parliamentary Affairs, Government of India under the Scheme of National Youth Parliament Competition in Universities/Colleges throughout the country.



DEPARTMENT OF PHYSICAL & COMPUTING SCIENCES

DISCIPLINE OF STATISTICS



The Statistics as a discipline in the faculty of Science was established in 2002. Statistics is a branch of study which takes within its periphery a broad spectrum of academic disciplines ranging from physical and social sciences to humanities, Commerce and Management. The Discipline offers UG, PG and Ph.D. programmes in faculties of Science, Arts & Social Sciences.

INNOVATIONS IN CURRICULUM

- ▶ The discipline introduced C and R in Undergraduate curriculum.
- ▶ Discipline is also offering project at UG level
- ▶ This year the discipline of statistics has introduced R and Python in M.Sc.

THRUST AREAS OF RESEARCH

- ▶ Applied Statistics
- ▶ Regression Analysis
- ▶ Statistical Inference

STUDENTS ACHIEVEMENTS

- ▶ One of the students Ms. Mahima saaran qualified for Junior Research Fellowship (JRF) in UGC-NET conducted in June 2021.
- ▶ 3 students Anupama Goyal, Versha Dwivedi, and Shruti Kumar cleared UGC-NET 2021.
- ▶ 3 M.Sc. students Palak Dhankar, Mahima Saaran, Ritik Bansal and Ambika Bansal published papers in IISU-JOST and Journal of Engineering Mathematics & Statistics.
- ▶ 10 students have presented papers in international and national conferences.

ACTIVITIES

- ▶ A training session was organized on "Mobius: An Online Courseware Platform by DigitalEd" for all the Undergraduate students of semester II on March 17, 2021.
- ▶ Several guest lectures were organized by the discipline.
- ▶ Survey activities were conducted by the students for their projects.
- ▶ 'Science Expo' was organized by Discipline of Statistics, Mathematics and Geography on the theme "Integrated Approach in Science and Technology for Sustainable Future" on February 24, 2022.
- ▶ An Intercollege Quiz Competition "DataMatics" was organized by the disciplines of Statistics and Mathematics for U.G. Students on Oct 1, 2022.



DISCIPLINE OF GEOGRAPHY

The Discipline of Geography at the IIS University was established on 17th July 2002. The discipline is offering Courses/programmes: B.A./B.Sc./B.A. B.Ed. at Bachelor's level and M.A./M.Sc. at Master's level. The Discipline also offers Ph.D. degree and COSD (Certificate, Diploma and Advanced Diploma) courses in Remote Sensing and GIS.

RESEARCH PUBLICATIONS

- H. Upadhyay- (2021). Assessing the impact climate change on GLOF: A Study of Sikkim in Eastern Himalayas- International Journal of Geology, Earth and Environmental Science, Vol 11, pp 142-148
- Yadava Sunita and Upadhyay, H. (2021): Impact of Climate change on Crop Production in Haryana India: A Review, Sodh Sanchar Vol. 11 (41) (March) pp 200-204
- Prakash Vrinda and Upadhyay, H. (2018-19): Trends of Urbanisation in Jaipur District (1971-2011), (IISU Journal of Science and Technology) Vol, 7 & 8 (1)



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)

UPCOMING IISU WORKSHOPS

CRIT- Workshop on
“Mega Bootcamp on Omics”
(2 days) Tuesday ,28 March 2023

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

UPCOMING IISU CONFERENCES

National Conference on
“Role of Art in Developing
Sustainable Community”
(2 days),
Discipline of Fine Arts
Friday ,3 March 2023

For further details: E-Mail :
ujjala.tiwari@iisuniv.ac.in

NOTIFICATIONS

CETBM 2023: International Conference on Emerging Trends in Business & Management organized by SSN School of Management, Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam, Chennai, India. 24th & 25th February 2023 and Hybrid Event
<https://www.icetbm.com/>

IETE ICCTS 2023:ETE International Conference on Cyber Threats and Security organized by Galgotias College of Engineering and Technology , Greater Noida, India, May 1- , 2023

<https://www.iete-iccts.org/>

TICS-2023:Technology and Innovations for the Changing Society organized by ICAM College of Engineering and Technology, Chennai, India, December 14-15, 2023
<https://licet.ac.in/tics-2023/>

MSICON2023: International Conference on Re-imagining Business Dynamics through Digital Transformations in Disrupted World organized by IMS Ghaziabad, India, April 29, 2023

<https://www.ims-ghaziabad.ac.in/MSICON-2023/>

ICBB2023: 2023 International Conference on Biotechnology and Bioengineering, (13th ICBB, 2023) Full webinar (virtually online) organized by Asia-Pacific Association of Science Engineering and Technology, Institute of Biomolecular Chemistry-National Research Council of Italy, Institute of Bioorganic Chemistry-Polish Academy of Sciences, Pozzuoli, Italy and Chinese Journal of Biologicals during Sept. 28-Oct. 2, 2023.

<https://icbb.apaset.edu.pl/2023/>

Call for submission of Proposal under Science and Engineering Research Board (SERB) Open for submission
<https://serbonline.in/SERB/HomePage>

IISU JOURNALS



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