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South Africa

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University, Perth, Australia

Dr. Shaik N. Meera
Principal Scientist, ICAR IIRR, Hyderabad,
UN International Fund for Agricultural
Development, Cairo, Egypt

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President, Association of Agriculture in
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Ex-Vice Chancellor, Kota Open University,
Kota

Prof. Sanjay Bhardwaj
Chairperson, Centre for South Asian
Studies, JNU, New Delhi, India

Prof. T.S.S.K. Patro
Principal Scientist, Krishi Vigyan Kendra,
Andhra Pradesh, India

Prof. Nafees Khan
Aligarh Muslim University, Aligarh,
Uttar Pradesh

Dr. Mahen Khadgawat, I.A.S.
Director, Rajasthan State Archives,
Government of Rajasthan

Dr. Amitabh Chandra Dwivedi
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Deemed to be University, Prayagraj,
Uttar Pradesh

Dr. Justin Masih
Associate Professor,
Department of Chemistry, Ewing Christian
(PG) College, University of Allahabad,
Prayagraj, Uttar Pradesh

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Department of Public Administration,
University of Rajasthan, Jaipur

Prof. S.C. Bardia (Retd.)
Department of ABST,
University of Rajasthan, Jaipur

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University of Rajasthan, Jaipur

Prof. T.I. Khan (Retd.)
Former Director, IGC for HEEPS,
University of Rajasthan, Jaipur

Prof. A.K. Varshney (Retd.)
Department of Chemistry,
University of Rajasthan, Jaipur

Prof. R.D. Agarwal (Retd.)
Department of Botany,
University of Rajasthan, Jaipur

Prof. Vidya Patni (Retd.)
Department of Botany,
University of Rajasthan, Jaipur

Prof. Mamta Jain
HOD, Department of EAFM,
University of Rajasthan, Jaipur

Prof. Abhay Upadhyay
HOD, Department of ABST,
University of Rajasthan, Jaipur

Prof. Pradeep Sharma
HOD, Department of Business Administration
University of Rajasthan, Jaipur

Prof. M.L. Sharma
Department of EAFM,
University of Rajasthan, Jaipur

Prof. Anurag Sharma
Director, Centre for Entrepreneurship & Skill
Development, University of Rajasthan, Jaipur

Prof. P.C. Mali
Department of Zoology,
University of Rajasthan, Jaipur

Dr. Usha Sharma
Associate Professor, Department of Zoology,
Government College, Jaipur

Dr. Zenamabibi Kadri
Assistant Professor, Department of History &
Culture, Gandhi Vidhyapeeth,
Ahmedabad, Gujarat

Dr. Renu Verma
Associate Professor & Chairperson, PGP,
J.K. Business School, Gurgaon, Haryana

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Management	: Dr. Neelima Gokhroo	- 9414826864
Humanities & Social Science	: Dr. Kavita Tak	- 9414204771



S.S. Jain Subodh Girls P.G. College

(Affiliated to University of Rajasthan)

Airport Road, Budhsinghpura, Sanganeer, Jaipur

Phone : 0141-2793594, 2793595

Email: subodhacademia@gmail.com

Website: subodhgirlscollege.ac.in



NATIONAL SEMINAR



Sustainable India @75: Application of Artificial Intelligence in Multidisciplinary Field

- Science & Information Technology
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10th-11th FEBRUARY 2023

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**S.S. Jain Subodh
Girls P.G. College**

Sanganeer, Jaipur
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Jaipur, the capital of Rajasthan is popularly known as The Pink City, the colour pink is symbolic of hospitality. Planned by Vidyadhar Bhattacharya, Jaipur holds the distinction of being the first planned city of India, where culture echoes, tradition speaks and diversity delights. The vibrant modern city is one of the three corners of the golden triangle that includes Delhi, Agra and Jaipur. It is well connected by rail, road and air. The sights worth visiting are Amber Fort, Jaigarh, Nahargarh Fort, JalMahal, Albert Hall, Jantar Mantar, Ramniwas Bagh, City Palace, Hawamahal, Birla Temple etc. Apart from these, Jaipur is famous for leopard safari in Jhalana and Nahargarh Biological Park. UNESCO World Heritage Committee inscribed Jaipur among its world heritage sights. In addition to its role as a capital, education and administrative center, the economy of Jaipur is fuelled by tourism, gem stone cutting, manufacturer of jewellery, blue pottery, Rajasthani bandhej and blissful sanganeri print fabric. Jaipur has hot and semi-arid climate. In July and August you will experience a short monsoon and during the month of February you are most likely to experience good weather with pleasant average temperatures that fall between 20- 26°C.

S.S. Jain Subodh Girls P.G. College, Sanganer, Jaipur is affiliated to University of Rajasthan established in 2004, under the aegis of Subodh Shiksha Samiti, a non profit society which has 19 institutions running under its governance since 1918. The college is spread over 50832 acres of land and it has a green and beautiful campus with an excellent infrastructure. It is a multi faculty institution that aims to blend curricular and co-curricular activities and provides an excellent model of what a women's college can do for development of it's students. To attain this mission, the college has signed MOU's with various National and International organisations. It offers various under graduate, post graduate, professional courses along with skill development and certified programmes under the guidance of UGC qualified and experienced faculty. Along the years it has set the stage and benchmarks to imprint the legacy of the college to sail steadfastly towards its journey of being an institution of unwavering success. The college is easily accessible from various parts of the city and is situated 13 kms from Jaipur Railway Station and a km away from Sanganer Airport, Terminal-1, Jaipur.

This seminar will help in creating platform for nationwide discussions on timely and long term issues related to artificial intelligence ethics and governance under the context of sustainable development of humanity, society and ecology. Seminar will provide opportunities to researchers and academicians to exchange views and opinions, address and debate research questions on relevant issues and generate academic research output on important issues. The series of discussions will also help in promoting, reaching, implementing global consensus and sharing best practices related to the topic. The seminar will provide a unique platform to the participants to evolve their ideas and cogitations as they listen to well crafted research discussions along with thought provoking speaker sessions.

Seminar Themes (Only an Indicative List)

SCIENCE & INFORMATION TECHNOLOGY

- Machine learning in Materials science and Informatics
- Materials discovery and design using Machine Learning
- Cloud computing
- AI in Medicine and Drug discovery
- Application of AI in Computational Physics
- Technology Advancement in AI
- AI in Pharma and Agro-sciences
- AI for Mental Health and Illness
- Responsible Approaches to AI
- AI for Green Chemistry
- Data Mining and Machine Learning approaches on Engineering Materials
- AI in Mathematical Modelling and Statistical Modelling
- AI in Robotics
- Artificial Intelligence applications for Sustainable Solid Waste
- A Critical review on Computer Vision and Artificial Intelligence
- Application of AI in Computational Fluid Dynamics

COMMERCE & MANAGEMENT

- Business Intelligence
- Digital Cooperation
- Managing and Implementing AI Projects
- Business models for AI
- Future of AI in Business in India
- AI and Information Management in Transforming India
- AI for Economy and Environment
- AI : Growth and Development in India
- Role of AI in Resource Management
- Industry-institution partnership for talent acquisition and development
- Role of Artificial intelligence and digitalization in India
- Role of Higher education institutions in creating values among new generation

HUMANITIES & SOCIAL SCIENCE

- AI for Sustainable Development
- Women and AI
- AI and Nutrition & Food Science
- AI and Behavioral Science
- Ethically-driven AI for Good Policies and Standards
- AI and its Application for Health Care and Safety
- Human Health and AI
- Social Inclusion and AI
- AI and Gender Equality
- Promoting Equitable and inclusive use of AI in Education
- AI for Education Management Delivery and Learning Assessment
- AI Empowered Teaching
- Development of Values and Skills for life and work in AI
- AI for offering Lifelong Learning opportunities for all
- AI: Language, Literature, Culture and Society

Last Date of Submission of Abstract: January 15th, 2023

Last Date of Submission of Full Paper: January 30th, 2023

Submission Guidelines

Title of paper (Bold and font size 14) Name of the author (s) with Designation, Contact details, Email and Complete address of affiliating institution

Abstract : 200-300 words with 4-5 keywords.

Full paper : 2000-2500 words.

- Introduction objectives and relevance of the study
- Literature review and Hypothesis
- Research Methodology
- Result and Discussion
- References
- Times New Roman, font size 12, line spacing -1.5
- Paper should be sent as word document via given e-mail:
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subodhacademia@subodhgirlscollege.ac.in
- Plagiarism is a major concern. Therefore researcher should be certain of all the data and text and submit report with full paper.
- Provide the reference of work properly.
- Research paper cannot contain previously published data in any form without proper citation.
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- For oral presentation time limit for PPT (3+1 minutes).
- Registration form is to be filled mandatorily.

AWARDS

Best Paper Award will be presented in each Technical session whose work represents ground breaking research work in their respective areas. Selected papers will be published in Proceeding and reputed Journals.

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