



Dharma Samaj College

Accredited as B++ by NAAC



Raja Mahendra Pratap Singh State University, Aligarh

Khair Road, Lodha, Aligarh-202001

&



Shri J. J. T. University

Jhunjhunu Rajasthan-333010

JOINTLY ORGANISE

NATIONAL CONFERENCE

ON

Climate Change : Effective and Innovative Solutions for Achieving Net Zero

Friday, 13 October, 2023

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Vice Chancellor
Cluster University, Srinagar

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Aligarh

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Shri J. J. T. University

VENUE

Bhagat Ji Auditorium
Dharma Samaj College, G.T. Road, Aligarh, U.P. India 202001

About D. S. College

D.S. College, Aligarh is a prestigious institution of Northern, India and has been catering to the higher education needs of both urban and rural areas ever since its inception. It is the largest affiliated college of the Raja Mahendra Pratap Singh State University, Aligarh and Accredited as B++ by NAAC. It is a premier institution, with highly qualified academicians imparting education in different fields. D.S. College has a glorious history of achievements in academics and other fields. Several personalities like Chief Minister, Governors, Ambassador, Cabinet Minister, Member of Parliament, Member of State Assemblies, Judges, International Poets, Advocates, Social Workers, Scientists, Leading Industrialist and Educationists have been the students of this college.

The College has completed 75 years in the realm of imparting higher education. It has reputation for outstanding performance in academics, sports and extra-curricular activities i.e. NCC, NSS and Rovers & Rangers. The college ranks among top ten colleges in U.P. it has multiple courses science, commerce, Law, Arts, Education, Computer Application, Business Administration and Library science and also works for enhancing students ability in games. Over the years, the college has built up an impressive infrastructure. It includes a well stacked central Library, Departmental Library for all subjects a Book Bank and computer Lab for needy students. As one enters the portals of this institutions serene atmosphere of a beautiful campus surrounded by lush green lawns and a magnificent building blocks impresses one. For the benefits of meritorious and needy students, the college provides a number of scholarships. Its sports facilities included vast play ground, an Indoor sports Complex, playrooms and amphitheatre. The college has an Ultra modern air-conditioned Auditorium fitted with latest sound and light systems with a seating capacity of 600 persons and an imposing stage. Another attraction is an air-conditioned seminar Rooms in most of the departments seating capacity of 80 fitted with state of arts sound and projection systems. The college goal is to become nationally recognized for the quality of its education and creative endeavors and their applicability for improving quality of life, generating new insight and expanding the boundaries of human knowledge creativity. Committed to excellence in teaching, research and service, the institute aims to serve the higher education needs of India.

This institute was established in year 1947 by Rai Badri Prasad Ji under the society of Satya Dharma Samaj. As society name “Satya Dharma Samaj” was established, the rule book of which stated the first aim of it in these words- “To strive and attain the best Dharma, as said in Vedas about devotion and knowledge and leaving of false knowledge. “Dharma Samaj (Post Graduate) college famous throughout India, is one of the best colleges of Uttar Pradesh and accredited as B++ by NAAC.

The college has highly qualified faculties from IITs, CSIR institute, and various central universities with excellent teaching skills and research experience. There are 181 regular teachers, 50 teachers in self finance courses and 150 non-teaching staff. The college has co-education with regular emphasis on excellent discipline and dress code as implemented separately for both boys and girls. Every year thousands of students strive hard for admission in this institution of India. In the session 2023-2024 more than Nine Thousand students are enrolled for studies.

About Shri JJTU

Shri Jagdish Prasad Jhabarmal Tibrewala University is an initiative by the trustees of **Shri Rajasthani Seva Sangh Trust, (SRSS) Mumbai**. The University came into the existence in 2009 under the section of 22 of the UGC Act and Vide f2 (5) Vidhi/2/2009 of State Legislature of Rajasthan. The University is established in semi-arid regions of Rajasthan state in Jhunjhunu District. Since the inception of the University, it is expanding in area of higher education, to achieve its goals in providing education-at certificate, Diploma, graduate and postgraduate, Ph.D. degree in almost all streams in demand and beneficial to learners. The University is expanding and adding the streams and interdisciplinary / multidisciplinary skill developing courses for the aspiring students. The University is fully-equipped with its magnificent building containing all

state-of-the art infrastructure facilities. The University is well equipped with the ultra-modern laboratories, **Library,Sports Complex,Hospital,Naturopathy and Yoga Centre and an excellent 5G/4G wireless internet connectivity and huge server.** The University has emeritus, educated and years of experience faculty to guide research scholars.

Many professors, emeritus professors & acclaimed researchers from various parts of the country are associated with us as research supervisors. The university proudly declared more than 3100 publications in different streams of the research by the scholars and/or the faculty members. According to UGC regulation 2016/2022, University has separate electronic versions of thesis for 'Shodhganga' the digital repository of Indian Electronic Thesis and Dissertation. Moreover, the University has also initiated its own publication of Research Journals and books having ISSN/ISBN in various discipline of research program and an active memberships of various trade associations like, ISO 9001:2008, FICCI, COSIA, AIU and CSI etc.The University has developed a 'Distinguished Alumni' . *The university has regional, national and international collaborations with educational and research governmental, PSU's and private organisations. central library of IIT Mumbai, library of Mumbai University, Institute of Kolkata, British Council library, American library, National library, Indian Society for Technical Education.*

The University has also several other collaborations with 'Synthetic and Art Silk Mills Research Associations', Federation of Indian Chambers of Commerce and Industry; Computer Society of India; and Confederation of Indian Industry. The University has taken step for women empowerment;

- 75% fee concession for UG & PG courses to all girls students irrespective of caste, creed, religion from any part of the country
- 100% fee concession for UG & PG courses to girls who secured 80% marks
- 25% fee concession is also provided to boys students under UG & PG courses who have secured 80% marks.
- 10% tuition fee concession for UG & PG courses to Chudela native students.

Fees are relaxed as per Rajasthan Govt. Norms for SC/ST and minority students.

“The inception and growth of our University is closely entwined with the saga of rebuilding of Modern India and to see India as an economically resurgent country. The University is not merely an examining body-it is primarily a 'nursery of good citizens’

About the Conference

Participants will engage in thought-provoking sessions, workshops, and panel discussions that delve into various aspects of climate change mitigation and adaptation. From renewable energy solutions and sustainable agriculture practices to urban planning and green finance, the conference will explore a wide array of domains crucial for driving the transition towards a carbon-neutral society.

One of the distinctive features of this conference is its emphasis on innovation. With the understanding that conventional approaches may not suffice, the event will showcase groundbreaking innovations and pioneering initiatives that hold the potential to reshape our relationship with the environment. Attendees will have the opportunity to witness firsthand the impact of these innovations and how they can be scaled up to drive substantial change.

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The conference seeks to facilitate collaboration and networking among diverse stakeholders. It recognizes that addressing climate change requires a collective effort that spans governments, industries, academia, and civil society. By bringing together a diverse group of individuals and organizations, the conference aims to forge partnerships and collaborations that can accelerate

Sub-Themes

- **Themes**
- **- Climate Change: Assessing Impacts on Diverse Ecosystems:** This theme will delve into the intricate relationships between climate change and ecosystems, highlighting the implications for biodiversity, habitats, and ecological balance.
- **- Carbon Management and Climate Change Mitigation:** Focusing on strategies to manage carbon emissions, this theme will explore techniques, policies, and technologies aimed at mitigating the carbon footprint across industries.
- **- Climate Change and Energy:** This theme examines the intersections between climate change and energy production, discussing renewable energy sources, energy efficiency and sustainable energy solutions.
- **- Agriculture and Climate Change:** Addressing the challenges faced by the agricultural sector due to climate change, this theme will discuss sustainable practices, crop adaptation and food security.
- **- Biodiversity and Climate Change:** Exploring the impact of climate change on biodiversity loss and conservation efforts, this theme emphasizes the need for ecosystem resilience.
- **- Climate Change and Health:** This theme will examine the links between climate change and public health, including air quality, vector-borne diseases and healthcare system readiness.
- **- Climate Change Economics, Law, and Policy:** Discussions on policy frameworks, legal implications and economic strategies to address climate change will be central to this theme.
- **- Climate Change, Green Initiatives, and Products:** Focusing on eco-friendly innovations, this theme highlights green technologies, sustainable products, and circular economy practices.
- **- Climate Change: Measurements, Modelling, and Predictions:** This theme explores the science behind climate change predictions, including measurement methods, modeling techniques and future projections.
- **- Global Warming, Agriculture, and Food Security:** Analyzing the impact of global warming on agriculture and the subsequent implications for food security and supply chains.
- **- ICT and Weather Information Management:** This theme examines the role of Information and Communication Technologies (ICT) in managing weather data, forecasts, and disaster preparedness.
- **- Impacts, Hazards, Risks, and Effective Adaptation to Climate Change:** Addressing the vulnerabilities and risks posed by climate change, this theme focuses on adaptive strategies and disaster resilience.
- **- Migration, Poverty, and Gender Issues in the Face of Climate Change:** Highlighting the social dimensions of climate change, this theme discusses the differential impacts on marginalized communities, gender equality, and migration.

- **Natural Resources and Biodiversity in a Warming World:** Examining the intricate relationship between natural resources, bio diversity and climate change adaptation.
- **Technical, Economic, and Social Responses to Climate Change:** Discussing responses spanning technology, economics, and societal engagement to effectively combat climate change.
- **Technology Transfer and Innovative Solutions to Climate Change:** This theme showcases innovative technologies and knowledge transfer mechanisms to drive climate change mitigation and adaptation.
- **India in an Era of Climate Change:** Focusing on India's unique challenges and opportunities in addressing climate change and achieving sustainability.
- **Carbon Credits and Energy Transfer:** Delving into carbon trading and energy exchange mechanisms as tools for incentivizing sustainable practices.
- **Computer Modeling and Climate Change:** Exploring computer modeling's role in predicting and understanding the complexities of climate change.
- **The Chemistry of Climate Change Gases:** Discussing the chemical properties and interactions of greenhouse gases driving climate change.
- **The Mechanism of Climate Change Biology and Biological Rhythms:** Investigating the biological impacts of climate change on ecosystems, species behavior and rhythms.
- **Sociology of Climate Change:** Examining the sociological aspects of climate change, including human behavior, attitudes and societal responses.
- **Mathematical Tools to Assess Climate Change:** This theme explores mathematical approaches and modeling techniques for assessing climate change impacts and trends.
- **Plants and Sensors of Climate Change Prediction:** Discussing the use of plant indicators and sensor technologies in predicting and monitoring climate change.

Instructions for Paper Publication

- Word limit for Abstract : 250 words, Word Limit for Full paper: 2500 words, maximum six pages including graphs, tables and appendix.
- Key words: maximum: 5 words, Referencing style: APA style.
- Format: MS Word, Font Times New Roman, Title should be 14 Font size and paper Font size 12, single spaced and a margin of 1" on all sides Correct name, designation, e-mail id of the authors and affiliating organization need to be clearly mentioned on the first page.
- Paper Submission E-Mail Id conference@jjtu.ac.in
- *All the paper will be publish in our Rex, Centum, Spark & Au-Fait Journals.*

Registration



Scan for Registration

REGISTRATION DETAILS:

• Corporate/Industry / Faculty/Academicians	Rs. 3000/-
• Research Scholars	Rs. 3000/-
• Students (U.G. & P.G.)	Rs. 300/-
• Faculty of RMPSS University (With University ID Card)	Rs. 500/-

*Note : For Dharma Samaj College, Aligarh & Shri JJT University Faculty Publication is free of Cost.

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Note : For more details, visit the web sites

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Programme

Conference Day :
Friday, 13 October 2023

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Venue

Bhagat Ji Auditorium
Dharma Samaj College, G.T. Road, Aligarh,
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Important Dates

Last Date for submission of abstracts	:	30 September 2023
Last Date of submission of full length papers	:	05 October 2023
Last Date for submission of registration fee	:	10 October 2023
Conference date	:	13 October 2023