

Two Day International Conference on “Multidisciplinary Approach in Research and Innovation for Sustainable Development”



14- 15 September, 2023

Organised by:



Govt. Degree College Doda, JK UT



Govt. Degree College Thathri, JK UT

In association with:



International Benevolent Research Foundation (IBRF), Kolkata, West Bengal

In collaboration with:



Confederation of Indian Universities (CIU), New Delhi

Sponsored by



Department of Higher Education, Govt. of JK (UT)

Science, Technology & Innovation Council, Dept. of Science and Technology, Govt. of JK (UT)

Venue:

Govt. Degree College Doda, JK (UT)

About the Conference

This two day Multidisciplinary international Conference is first of its type to be organized, through offline mode, in the hilly district Doda of J&K, (UT). This International conference aims to bring together experts from different disciplines of sciences, agricultural sciences, social sciences, languages and other related fields to share their research experience, real world applications and innovative techniques to cope with the climate change and threats to biodiversity, human survival by various diseases and accordingly offering recommendation for planning and implementation strategies for sustainable development with innovation and research. This event also provides opportunity to young scientists, faculty, researchers and students to interact with renowned scientists and other experts (officials) in different fields so as to refine their academic as well as scientific temper.

Themes & Sub Themes

The theme of the conference is “Multidisciplinary Approach in Research and Innovation for Sustainable Development.”

Sustainable Development

- ▶ Science and Technology for Sustainable Development
- ▶ Migration and sustainable development
- ▶ Sustainable, Low Carbon Transport in Emerging and Developing Economies
- ▶ Population dynamics and sustainable development
- ▶ Finance for the Transition to a Green Economy in the Context of Sustainable Development and Poverty Eradication
- ▶ Transition to a Green Economy: Benefits, Challenges and Risks from a Sustainable Development Perspective
- ▶ Eco-Literature and Sustainable development.
- ▶ Globalization and Sustainable development.
- ▶ Sustainable development through literature.
- ▶ Water crisis and future
- ▶ Trade and Green Economy
- ▶ Regional, national and local level governance for sustainable development
- ▶ Sustainable Cities
- ▶ Current Ideas on Sustainable Development Goals and Indicators
- ▶ Cities, transport and Built Environment
- ▶ Climate & Energy
- ▶ Conservation & Restoration
- ▶ Global Cross-cutting issues related to sustainability.
- ▶ Sustainable and Resilient Communities and Ecosystems
- ▶ Harnessing the Digital Revolution for Sustainability and Education for All
- ▶ Clean Energy, Decarbonization, and Climate Action
- ▶ Environmental management and future action plan.
- ▶ Economic and legal Dimensions of sustainable development
- ▶ Hotspots and Novel approaches to ecosystem management
- ▶ Green jobs and social inclusion
- ▶ Food Security and Sustainable Agriculture
- ▶ NEP 2020 and Sustainable Development

Sustainable Research and Innovation

- ▶ Technology and Innovation for the Future of Production
- ▶ Autonomous systems for extreme environments
- ▶ Transition to Clean Energy
- ▶ Climate change resilience strategies
- ▶ Developments in multi-functional materials and structures
- ▶ Disruptive technologies for sustainability in the circular economy
- ▶ Technology for Knowledge Discovery through Data
- ▶ Sustainable solutions for Geo-hazards
- ▶ Transportation and infrastructure for development
- ▶ Telecommunication and Embedded intelligence for digital transformation
- ▶ Resilient infrastructure
- ▶ Solutions for Water, sanitation and hygiene
- ▶ Food safety and bio-security
- ▶ Efficient power systems
- ▶ Emerging Ethical Issues in technology
- ▶ Renewable Energy Technologies (e.g. Hydro, Solar, Wind, Offshore, Geo-Thermal, Bio, etc.)
- ▶ Sustainable built Environment

Sciences and Allied subjects: Zoology, Botany, Biochemistry, Biotechnology, Bioinformatics, Biological Anthropology, Ecology, Microbiology, Molecule Biology and Genetic Pharmacology, Animal Physiology, Plant physiology, Entomology, Parasitology, Mycology, Ornithology, Biophysics, Biomechanics Evolutionary Biology, Wildlife Biology, Fish Biology, Limnology, Veterinary Sciences, Agriculture Sciences, Medical Sciences, Social Sciences, Mathematical Sciences, Computer Sciences, Animal conservation and their protection , Analytical Chemistry, inorganic chemistry, Nuclear chemistry, organic chemistry, Green chemistry, Material Science, Molecular physics, photochemistry, surface science classical physics Astronomical physics, Nuclear physics Geology, Geography, computer sciences, Social Sciences and Literature.

Chief Patron

Sh. Alok Kumar (IRS) Principal Secretary Hr. Education J&K

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- 1. Prof. (Dr) Yasmeen Ashai Director Colleges Deptt. of Hr. Education J&K.**
- 2. Sh. Abdul Majid Butt, Director Finance Higher Education Dept.J and K**

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- 2. Prof. Basharat Iqbal (Principal GDC Thathri)**

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Dr. Ajaz A. Wani (Associate Professor ,HOD Zoology and IQAC Coordinator)

Co organising Secretaries

1. Prof. Imteyaz Ahmed (Dept. of Zoology)
2. Dr Tasir Shrief (HOD Botany)

Convener

Prof. K.K Manhas (HOD Education)

Co Conveners

1. Dr.Jamsheed Ahmed (HOD English)
2. Prof.Mohd.Saleem (HOD Economics GDC Thathri)

Organizing committee

- | | |
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| 1 Prof.Satish Kumar (HOD Urdu) | 7. Dr. Sumit Kotwal (HOD EVS) |
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| | 13. Prof.Vijay Kumar (Dept.of Hindi) |

Advisory Committee

- | | |
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| 1. Prof. Umesh Rai (VC Jammu University) | 11. Prof. B.N. Pandey (President ZSI Bihar) |
| 2. Prof . Bechan Lal (VC Cluster university Jammu) | 12. Prof. Kamal Jaswal (HOD Zoology Lucknow University) |
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| 4. Prof. Seema Langer (HOD Zoology Jammu University) | 14. Prof. Mohd Afzal(AMU) |
| 5. Prof. Fayaz Ali, (HOD Environmental Science University of Kashmir) | 15. Prof. Shivesh Partap Singh (HOD Zoology University of Satna MP) |
| 6. Dr. Tanmoy Rudra (Executive secretary Confederation of Indian Universities) | 16. Prof. Yashpal Sharma(Prof Dept of Botany Jammu University) |
| 7. Dr. A.K. Verma (Member Public Service Commission UP) | 17. Dr. Khalid Z. Masoodi (Scientist SKUAST Kashmir) |
| 8. Dr. Parvinder Singh (Senior Scientist IIIM Jammu) | 18. Dr. Gowhar Bilal Wani (Director Fisheries SKAUST) |
| 9. Dr. R. A. Shah (SKUAST Kashmir) | 20 Dr. Yaha Bakthyer (Dept. of Zoology University of Kashmir) |
| 10. Prof. D.N. Sahi (Former Professor Jammu University) | |

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Mr. Hans Raj (Librarian)

About Govt. Degree College Doda, JK UT

Government Degree College Doda, a premier degree college in the Lap of Chenab Valley of District Doda, was established in 1989. The college is located on the right bank of the mighty river Chenab. The College offers - B.A., B.Com, B.Sc. and BCA courses with a dedicated staff of 45 teachers, including Guest Faculty and a healthy teacher-student ratio. All the classrooms are ICT enabled. NEP 2020 has been implemented in full letter and spirit. In addition, college runs distance mode courses in various subjects via

IGNOU, MANUU, and DDE. The myriad web of student community – near 1500 students reflect its motto in practice. Also college has got the honor of organizing international and national conferences in different disciplines in the past, FDP recently in May 2022 and a grand Two Day National Conference in August 2022. The college has a honour of running 03 UGC -NSQF skill courses viz dairy farming, Poultry farming and apiculture which is unique in JK (UT) colleges. The college faculty is actively engaged in research publication ,books and books chapters ,besides having research project. Various tournaments in different games and sports have also been organized. Many students have represented the college at various national and UT levels in various fields.

About Govt. Degree College Thattri, JK UT

GDC Thattri started its holy mission of enlightening the young minds with the power of knowledge about a decade ago. Many new subjects were introduced including English Literature, History, Persian, Kashmiri, Dogri and Arabic to widen the canvas of subject options for the students enabling them to choose career-oriented subjects out of these. To promote the technical talent of the students some computer skill courses are being started soon for which our college stands registered in NIELET.

Construction of new buildings and blocks is continuously being carried out to meet the infrastructure demands of the institution. Every effort is being made to involve the students in the extra Academic Activities like, seminars, symposia, and painting & inter college competitions for physical aesthetic and creative development. A number of online programmes were also organized by the college during the COVID-19 period which received wide appreciation. It is hoped that the coming years will see this college flourishing with the joint effort of all of us.

About International Benevolent Research Foundation (IBRF), Kolkata

International benevolent Research Foundation (IBRF)- An ISO 9001: 2015 certified organization has been established on the auspicious occasion of the National Teacher's Day on 5th September 2015 based on its incorporation as a Charity under the Central Act II of 1882, Government of India in Kolkata with the main objective of locating avenues for alternative employment creation besides designing a neological as well as neocratic approach to research and entrepreneurship in the field of Science and research among the younger generation all over the world in general and India in particular with a view to bringing peace on earth in the third millennium by having country wise appropriate solutions for the burning problems like peacelessness, poverty, greed, unemployment, faulty educational, training and research methodologies, religious intolerance, etc., The IBRF- A leading Education Think Tank of India has decided to design a master plan paradigm (2016-2025) for a new world order.

The activities of IBRF has included the strategies for creating more researchers besides transfer of appropriate technologies among the globe for ensuring a balanced and a sustainable growth in all countries of the world by using clean as well as cleaning-up technologies through new and emerging techniques for climate change management, environmental and disaster education, geriatric care, waste management, green business and technologies besides strengthening of diplomatic relations among nations for protecting our Mother Earth.

The idea is also to promote entrepreneurial educational leadership among the school and the college going boys and girls by "Catching Them Young" and for designing appropriate messages for the educators to see that they produce a greater number of job givers rather than job seekers. This will be possible as IBRF has the qualified inventory of experts for establishing universities, colleges, institutions, schools and other training enterprises in different countries with the latest equipment and infrastructure for conducting formal, informal, non-formal, open, distance, online, internet and web based employment-centric programmes in all countries of the world.

Call for Abstracts

Any author can send more than one abstract individually / jointly. Abstracts must all be submitted in English. The number of abstracts per presenting author is limited to one in each theme. Both abstracts of oral and poster presentations will appear in the book of abstracts at the time of Conference. The abstract(s) should not have more than 400 words and should be sent as email attachment to: **conferencedoda2023@gmail.com**

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(i) Abstracts must be submitted electronically as an attachment in MS WORD format via Email: **conferencedoda2023@gmail.com**

(ii) Abstracts should be data oriented reflecting the major findings of the paper.

(iii) All abstracts will be reviewed by panel of experts and will be selected either for oral or poster presentation.

(iv) At least one author should register by paying the required registration fee. Only registered participants will be allowed to attend the Conference.

(v) The title of the paper centered aligned (Font Size- 14, Style- Times New Roman Bold).

(vi) Name of the author(s) centered in bold letters (Font Size- 12, Style- Times New Roman Italic).

(vii) The author(s) should clearly mention their name, affiliation, contact number and e-mail. The name of the corresponding and presenting authors should be specifically mentioned (Font Size- 12, Style- Times New Roman Normal).

(viii) Keywords (3-5), avoiding duplication with the title.

IBRF Award

IBRF recognizes the contribution of scientists, academicians, researchers in the different fields of science research and education. The Institute has instituted several awards to motivate and further the spirit of the talented ones in the field of science research and education. The selection of the awards is considered mainly on the basis of the merit.

Lifetime Achievement Award
for Research/ Teaching (above
55 years of age)

Dr. Sarvepalli Radhakrishnan
Teaching Excellence Award

Young Scientist/ Academician/
Faculty of the Year Award
(32-45 years of age)

SIKSHA GOURAV AWARD
(Above 50 Years of age)

Distinguished Scientist/
Academician of the Year Award
(Above 50 Years of age *with
Ph.D*)

Junior Scientist of the Year
Award (Below 32 years of age)

BHARAT SIKSHA RATAN
AWARD (Above 45 Years of
age)

Scientist/ Academician of the
Year Award (Above 45 Years of
age *with Ph.D*)

Research Excellence Award
(Only for the Researchers)

World Award for Research and Development

Science Excellence Award

IBRF Excellence Award (For outstanding contribution for research in the field of Agriculture, Environment, Zoology, Botany, Physics, Chemistry, Microbiology, Biotechnology, Biochemistry etc.)

Eminent Educationist/ Scientist/ Agriculturist/ Ichthyologist/ Microbiologist/ Environmentalist/ Ecologist/ Entomologist/ Geneticist/ Parasitologist/ Cytologist/ Taxonomist/ Plant Pathologist/ Physicist/ Physiologist/Biotechnologist/ Anthropologist Award (Above 50 Years of age)

Environmentalist of the Year Award

VIGYAN RATNA AWARD (Above 45 Years of age with Ph.D)

FELLOWSHIP is conferred to the scientists/ academicians in recognition of the outstanding contributions in the field of Academics, Scientific Research, and Innovation etc. *Fellows are entitled to suffix "FIBRF" after their name.*

Interested Persons may send their biodata to: ibrfaward@gmail.com or Call/ WhatsApp on **8017873737** or visit: www.ibrf.ind.in

Last date of Award Application: 30th August, 2023

Registration Fees

Faculty and Academician: ₹ 1500/-

Research Scholars: ₹ 1000/-

Student: ₹ 500/-

On Spot Registration: ₹ 2000/-

Foreign Delegate: \$ 19

Registration fees include the Registration Kits (Folder, Writing Pad, Pen), Participation/ Presentation Certificate, Breakfast- Lunch- Dinner- Tea of all the conference days

Bank Account Details:

Name of the Account Holder: Principal GDC Doda

Bank and Branch: J&K Bank, Nagri Branch Doda

Account No.: 0749040500000032

IFSC: JAKA0NAGREE

REGISTRATION LINK

Note: Click on the link above or copy and paste the link to get registered.

IMPORTANT DATES

Submission of Abstracts: 05.09.2023

Abstract Acceptance Notification: 08.09.2023

Submission of Registration Fees: 10.09.2023

ACCOMMODATION

The college has a number of hotels in its vicinity with charges starting from **700-3500/Day**.

Following Numbers may be contacted for advance booking:

☎ 8803352573/ 9906042060/ 9596681604

For Further Information/Query please contact

Dr. Ajaz A. Wani : ☎ 9797588390/9419110443

Prof.k.k Manhas : ☎ 60066431141

Dr.Jamsheed Ahmed : ☎ 96222331321

Mr Imteyaz Ahmed : ☎ 9797670451

For award related query:

ibrfaward@gmail.com

8017873737 (Mob.& WA)