



ಕರ್ನಾಟಕ ಸರ್ಕಾರ

ಕಾಲೇಜು ಶಿಕ್ಷಣ ಇಲಾಖೆ

ಕಾಲೇಜು ಶಿಕ್ಷಣ ಆಯುಕ್ತರ ಕಛೇರಿ,
ಶೇಷಾದ್ರಿ ರಸ್ತೆ, ಬೆಂಗಳೂರು-560001.

ಸಂಖ್ಯೆ: ಕಾಶಿಇ/ಶೈವಿ/124/ವಿಜ್ಞಾನ ಸಮ್ಮೇಳನ/2023-24

ದಿನಾಂಕ: 20.11.2023.

ಸುತ್ತೋಲೆ

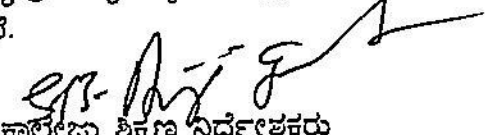
ವಿಷಯ: ಕರ್ನಾಟಕ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಅಕಾಡೆಮಿಯ ವತಿಯಿಂದ ಆಯೋಜಿಸಲಾಗುತ್ತಿರುವ ರಾಷ್ಟ್ರೀಯ ಸಮ್ಮೇಳನದಲ್ಲ ಭಾಗವಹಿಸಲು ಅನುಮತಿ ನೀಡುವ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖ: ಮುಖ್ಯ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳು, ಕರ್ನಾಟಕ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಅಕಾಡೆಮಿ, ರವರ ಪತ್ರ ಸಂಖ್ಯೆ:ಕವಿತಂಅ/ಕಾರ್ಯಕ್ರಮ/18/2023-24 ದಿನಾಂಕ:06.11.2023.

* * * * *

ಕರ್ನಾಟಕ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಅಕಾಡೆಮಿಯು ಪ್ರಸಕ್ತ ನಾಅನಲ್ಲ "Climate Resilience and Sustainable Development" ಎಂಬ ವಿಷಯದ ಕುರಿತು 2023ರ ನವೆಂಬರ್ 22 ರಿಂದ 24 ರವರೆಗೆ ಮೂರು ದಿನಗಳ ರಾಷ್ಟ್ರೀಯ ಸಮ್ಮೇಳನವನ್ನು ಅಕಾಡೆಮಿಯ ಕಛೇರಿಯಲ್ಲಿ ಆಯೋಜಿಸಲಾಗುತ್ತಿದ್ದು, ಸದರಿ ಸಮ್ಮೇಳನದಲ್ಲ ಸ್ನಾತಕೋತ್ತರ ವಿಜ್ಞಾನ ವಿದ್ಯಾರ್ಥಿಗಳು, ಸಂಶೋಧನಾ ವಿದ್ಯಾರ್ಥಿಗಳು, ಪ್ರಾಧ್ಯಾಪಕರು, ಯುವ ವಿಜ್ಞಾನಿಗಳು ಭಾಗವಹಿಸಲು ಅವಕಾಶ ಕಲ್ಪಿಸಲಾಗಿರುತ್ತದೆ. ಈ ಸಮ್ಮೇಳನದಲ್ಲ Paper presentation and Working Model ಸಹ ಪ್ರದರ್ಶಿಸಲು ಅವಕಾಶ ಕಲ್ಪಿಸಲಾಗಿದ್ದು, ಆಯ್ಕೆಯಾದ ಅತ್ಯುತ್ತಮ Paper and Model ಗಳಿಗೆ ನಗದು ಬಹುಮಾನವನ್ನು ನೀಡಲಾಗುವುದು ಎಂಬುದಾಗಿ ಉಲ್ಲೇಖಿತ ಪತ್ರದಲ್ಲ ತಿಳಿಸಲಾಗಿರುತ್ತದೆ.

ಈ ಸಂಬಂಧ, ಕರ್ನಾಟಕ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಅಕಾಡೆಮಿ ಕುರಿತ ಕರಪತ್ರವನ್ನು ಈ ಸುತ್ತೋಲೆಯೊಂದಿಗೆ ಲಗತ್ತಿಸಿದ್ದು, ಇದನ್ನು ಕಾಲೇಜಿನ ಪ್ರಕಟಣಾ ಫಲಕದಲ್ಲ ಪ್ರದರ್ಶಿಸಿ ಎಲ್ಲಾ ವಿದ್ಯಾರ್ಥಿಗಳ ಹಾಗೂ ಉಪನ್ಯಾಸಕರ ಗಮನಕ್ಕೆ ತಂದು ಸದರಿ ಕರಪತ್ರದಲ್ಲ ತಿಳಿಸಿರುವಂತೆ ಆಸಕ್ತ ವಿದ್ಯಾರ್ಥಿಗಳು ಸದರಿ ಉಪನ್ಯಾಸ ಸ್ಪರ್ಧೆಯಲ್ಲ ಭಾಗವಹಿಸಲು ಅನುಕೂಲಕರವಾಗುವಂತೆ ಅಗತ್ಯ ಕ್ರಮ ಕೈಗೊಳ್ಳಲು ಎಲ್ಲಾ ಸರ್ಕಾರಿ / ಖಾಸಗಿ ಅನುದಾನಿತ ಕಾಲೇಜುಗಳ ಪ್ರಾಂಶುಪಾಲರುಗಳಿಗೆ ಸೂಚಿಸಲಾಗಿದೆ.


ಕಾಲೇಜು ಶಿಕ್ಷಣ ನಿರ್ದೇಶಕರು
೨೭ ೨೬

ಇವರಿಗೆ:

1. ರಾಜ್ಯದ ಎಲ್ಲಾ ಸರ್ಕಾರಿ, ಖಾಸಗಿ ಅನುದಾನಿತ ಮತ್ತು ಅನುದಾನರಹಿತ ಕಾಲೇಜುಗಳ ಪ್ರಾಂಶುಪಾಲರುಗಳಿಗೆ - ಮಾಹಿತಿ ಹಾಗೂ ಅಗತ್ಯ ಕ್ರಮಕ್ಕಾಗಿ.
2. ಜಂಟಿ ನಿರ್ದೇಶಕರು, ಕಾಲೇಜು ಶಿಕ್ಷಣ ಇಲಾಖೆ, ಪ್ರಾದೇಶಿಕ ಕಛೇರಿ, ಬೆಂಗಳೂರು, ಮೈಸೂರು, ಶಿವಮೊಗ್ಗ, ಮಂಗಳೂರು, ಧಾರವಾಡ, ಕಲಬುರಗಿ - ಮಾಹಿತಿ ಹಾಗೂ ಅಗತ್ಯ ಕ್ರಮಕ್ಕಾಗಿ.
3. ಮಾಹಿತಿ ತಂತ್ರಜ್ಞಾನ ಅಧಿಕಾರಿಗಳು, ಕಾಲೇಜು ಶಿಕ್ಷಣ ಆಯುಕ್ತರ ಕಛೇರಿ, ಬೆಂಗಳೂರು- ಇಲಾಖಾ ವೆಬ್‌ಸೈಟ್‌ನಲ್ಲಿ ಪ್ರಕಟಿಸಲು ಸೂಚಿಸಲಾಗಿದೆ.

ಪ್ರತಿಯನ್ನು:

1. ಮುಖ್ಯ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳು, ಕರ್ನಾಟಕ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಅಕಾಡೆಮಿ, ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆ, ಪ್ರೊ. ಯು. ಆರ್. ರಾವ್ ವಿಜ್ಞಾನ ಭವನ, ತೋಟಗಾರಿಕಾ ವಿಜ್ಞಾನಗಳ ಕಾಲೇಜು ಮಹಾದ್ವಾರದ ಪಕ್ಕ, ಜಿ.ಕೆ.ವಿ.ಕೆ. ಆವರಣ ಮೇಜರ್ ಸಂದೀಪ್ ಉನ್ನಿಕ್ಯುಷನ್ ರಸ್ತೆ, ದೊಡ್ಡಬೆಟ್ಟಹಳ್ಳಿ ಬಸ್ ನಿಲ್ದಾಣ, ವಿದ್ಯಾರಣ್ಯಪುರ ಪೋಸ್ಟ್, ಬೆಂಗಳೂರು-560 0097.

National Conference
on
"Climate Resilience and Sustainable Development"

Date: 22-24 November 2023

Venue: KSTA Office

Horticulture College Entrance
Maj. Sandeep Unnikrishnan Road
Vidyaranyapura
Bengaluru

Time Schedule

Inauguration of the Conference: November 22, 2023 (Wednesday) @ 10.30 AM		
Technical Session - Day -1		
Time	Resource Expert	Topic
12.45 PM 1.45 PM	Prof S Ayyappan Chairman, NABL & Former DG, ICAR & Secretary, DARE, Mysuru	Climate Smart Agriculture for Sustainable Development
Lunch Break: 01.45 PM - 02.30 PM		
02.30 PM 03.30 PM	Dr H Honne Gowda CEO, Multiplex Drone Pvt. Ltd & Former Special Secretary, DST, GoK, Bengaluru	Applications of Drones in Climate Change Mitigation
Tea/Coffee Break - 03.30 Pm – 4.00 Pm		
4.00 PM – 5.00 PM	Dr Ramakrishna Former Director, ZSI, Gol & Member, RAMC/ZSI, Bengaluru	Impact of Climate Change on Marine Ecosystem with Special Reference to Coral Bleaching in India
Visit to Science Model & Poster Exhibition: 5.00 PM – 6.00 PM		
Cultural Program: 7.00 PM – 8.30 PM		
Dinner: 8.30 PM Onwards		
Day -2 - Date: 23/11/2023, (Thursday)		
10.30 AM - 11.30 AM	Dr Govindasamy Bala Professor Centre for Atmospheric and Oceanic Sciences, Indian Institute of Science, Bengaluru	Should We Engineer the Sky to Reverse Climate Change?
Tea/Coffee Break: 11.30 Am – 12.00 Noon		
12.00 Noon	Dr R Hebbar Scientist-G/General	Applications of Satellite Remote

01.00 PM	Manager, RRSC- South, NRSC, ISRO, Bengaluru	Sensing in Climate Change Mitigation
Lunch Break: 01.00 PM - 02.00 PM		
2.00 PM 3.00 PM	Dr. T.V. Ramachandra Chief Scientist Energy & Wetlands Research Group Centre for Ecological Sciences INDIAN INSTITUTE OF SCIENCE Bengaluru	Conservation of Wetlands: Ecosystem- based Adaptation of Climate Change
Tea/Coffee Break – 03.00 PM – 03.30 PM		
03.30 PM 04.30 PM	Dr Indu K Murthy Sector Head - Climate, Environment, and Sustainability Center for Study of Science, Technology and Policy, Bengaluru	Climate Change Mitigation, Vulnerability and Risk Assessment
04.30 PM – 05.30 PM	Prof. Mahesh Sankaran Community and Ecosystem Ecology National Centre for Biological Sciences (NCBS) Tata Institute of Fundamental Research Bellary Road, Bengaluru	Impact of Climate Change on Grassland Ecosystem
Cultural Program: 6.30 PM – 8.00 PM		
Dinner: 8.00 PM Onwards		
Day – 3 - Date: 24/11/2023, (Friday)		
10.30 AM – 11.30 AM	Dr Krishna Raj Professor of Economics Centre for Economic Studies and Policy (CESP) Institute for Social and Economic Change (ISEC) Bengaluru	Mitigation of Climate Change: Green Initiatives in India
Tea/Coffee Break: 11.30 Am – 12.00 Noon		
12.00 Noon – 1.00 PM	Prof. Sebastian Chirambatte Peter Professor, New Chemistry Unit. School of Advanced Material (SAMat), Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bengaluru	Carbon Capture and Utilization (CCU)
Lunch Break: 1.00 PM – 2.00 PM		
2.00 PM - 3.30 PM	Panel Discussion	
Valedictory: 3.30 PM – 5.00 PM		
High Tea & Closure		

TOPICS COVERED

- Climate-resilient agriculture and horticulture
- Implications of Climate change on fisheries and coastal ecosystem
- Green building materials and sustainable construction practices for climate-resilient residences.
- Renewable energy systems in promoting sustainable development in residential communities.
- Urban resilience and adaptation strategies for climate change
- Innovative technologies for energy-efficient systems
- Sustainable transportation options for promoting low-carbon mobility.
- Integrated and sustainable water management practices
- Community-based initiatives in promoting climate-resilient sustainable development.
- Sustainable waste management practices
- The impact of climate change on health and well-being of all living organism (with emphasis on me health concept)
- Evaluating the social and economic benefits of climate-resilient residential communities.
- Remote Sensing, Drone & UAV technologies for climate mitigation
- Impact of Climate Change on Biodiversity

KEY OUTCOMES OF THE CONFERENCE

The proposed conference will help the participants to broaden the horizon of their knowledge on the impact of climate change and the necessity for building resilience in society to combat climate change as well as provide an opportunity to network among the research fraternity to discuss possible collective actions to address climate change so as to ensure that planet Earth continues and collaborative to remain habitable for future generations.

COMPETITIONS

- RESEARCH PAPER PRESENTATION ON CONFERENCE TOPICS - (5 Mins for each presentation)
- EXHIBITION OF SCIENCE MODELS - (Innovative ideas in Climate Change Mitigation / Pollution Control - Working models)

PARTICIPANTS

PG Students of Science and Engineering, Research Scholars, Teaching Faculty & Scientists/ Researchers

PRIZES

I Prize : Rs. 10,000/-
 II Prize: Rs.7,500/-
 For each III Prize: Rs.5,000/-
 Competition Consolation Prize: Rs. 3,000/-
 separately Along with Certificate

- Selected papers will be published with ISBN No.
- Conference Kits will be provided to all participants

REGISTRATION FEES

Students : Rs. 750/-/-
 [PG Students & Ph. D Scholars - Not regular employees]
 KSTA ASSOCIATES: Rs. 750.
 Faculty & Scientists : Rs. 1000/-
 Spot Registration : Rs. 1200/-

Accommodation will be charged separately

SCAN & PAY



REGISTRATION

<https://forms.gle/VBZdYHcawb4uU9Jb9>

Upload the abstract in Google form or mail it to secretary@ksta.ac.in

IMPORTANT DATE

Last Date for Registration & Submission of Abstracts
November 15, 2023 (Wednesday)

Scan for Location



RSVP: 9845258894

Click on below links for website & other social Media Network



NATIONAL CONFERENCE

A Three Day Event



CLIMATE RESILIENCE AND SUSTAINABLE DEVELOPMENT



November 22-24, 2023
Wednesday - Friday

Organized by

KARNATAKA SCIENCE AND TECHNOLOGY ACADEMY (KSTA)
 Dept. of Science and Technology, Govt. of Karnataka

In Association with

Ministry of EARTH SCIENCES (MoES)
 Govt. of India

NATIONAL BANK FOR AGRICULTURE AND RURAL DEVELOPMENT (NABARD)

and

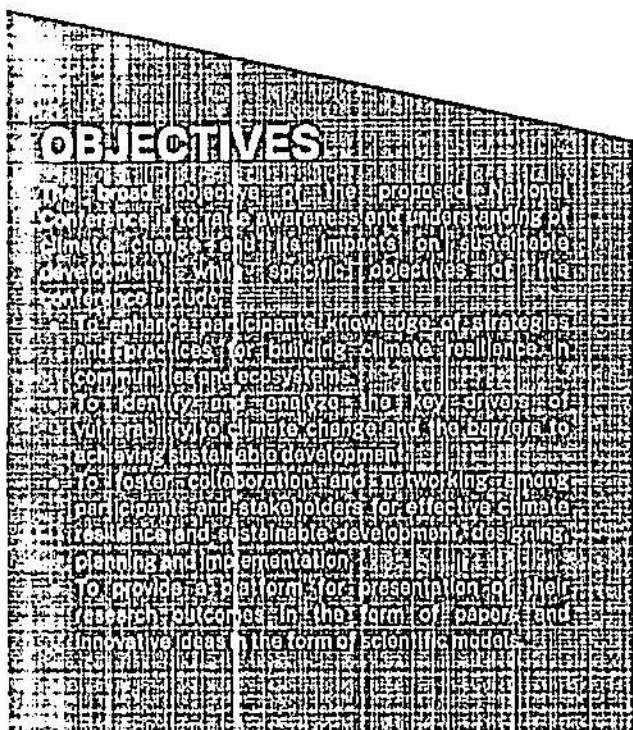
KARNATAKA SCIENCE AND TECHNOLOGY PROMOTION SOCIETY (KSTePS),
 Dept. of Science and Technology, Govt. of Karnataka



BACKGROUND

Climate resilience and sustainable development are two important concepts that are closely related to each other. Climate resilience refers to the ability of a community or a region to withstand and respond to the impacts of climate change. On the other hand, sustainable development refers to the approach of meeting the present generation's needs without compromising future generations' ability to meet their own needs. Hence, climate resilience and sustainable development require careful planning and coordination to achieve economic, environmental and social progress. The synthesis report of the sixth assessment report of the Intergovernmental Panel on Climate Change (IPCC) calls for rapid and far-reaching transitions across all sectors of economy to achieve deep and sustained emission reductions in order to secure a livable and sustainable future for all.

Considering this, a three-day conference on Climate Resilience and Sustainable Development is scheduled during 22 - 24 November 2023 (Wednesday - Friday) at KSTA premises, Bengaluru, Karnataka.



ABOUT KSTA

Karnataka Science and Technology Academy (KSTA), an autonomous organization under the Department of Science and Technology, Govt. of Karnataka was established in the year 2005 under the Chairmanship of Padma Vibhushan Awardee Prof. U.R. Rao, Former Chairman, ISRO/Secretary, DOS, GOI. KSTA was established with an objective of fostering STEAM (Science, Technology, Agriculture, Engineering and Mathematics) education at different levels in an educational pyramid as well as to popularize science among the general public in the State.

KSTA has been conferred the prestigious National Award for Outstanding Efforts in Science & Technology Communication in the year 2022 (Category A) for the year 2022, by the National Council for Science and Technology Communication (NCSTC), Department of Science and Technology, Government of India.

ABOUT MoES

The Ministry of Earth Sciences (MoES), under the Government of India, is mandated to provide services for weather, climate, ocean and coastal state, hydrology, seismology, and natural hazards; to explore and harness marine living and non-living resources in a sustainable manner for the country and to explore the three poles of the Earth (Arctic, Antarctic and Himalayas). MoES was formerly the Department of Ocean Development (DOD), which was created in July 1981 as a part of the Cabinet Secretariat directly under the charge of the Prime Minister of India. It became as a separate department in March 1982. The erstwhile DOD functional as a nodal institution for organizing, coordinating and promoting ocean development activities in the country. The Government of India notified DOD as the Ministry of Ocean Development in February 2006.

ABOUT NABARD

NABARD is India's apex development bank, established in 1982 under an Act of the Parliament to promote sustainable and equitable agriculture and rural development. In its journey of more than four decades, this premier financial institution for development has transformed lives in Indian villages through agri-finance, infrastructure development, banking technology, promotion of microfinance and rural entrepreneurship through SHGs & JLGs and more. It continues to aid in nation building through participative financial and non-financial interventions, innovations, technology and institutional development in rural areas.

Chairman

Shri N S Boseeraju
Hon'ble Minister for Minor Irrigation and Science & Technology
Govt. of Karnataka

Secretary

Dr. Ekroop Caur, IAS
Secretary
Dept. of Electronics Information Technology, Biotechnology and
Science & Technology, Government of Karnataka

Shri Pavan Kumar Malapatil, IAS
Managing Director
Karnataka Science and Technology Promotion Society (KSTePS)
Govt. of Karnataka

Prof. S Ayyappa
Chairman, NABL & Former DG, ICAR

ADVISORY COMMITTEE

Members

Prof. Dayanand Aagar, Vice Chancellor, Gulbarga University, Kalaburagi
Prof C Vasudevappa, Former Vice Chancellor, NIFTM, Haryana & UAHs,
Shivamogga
Col. Prof. Y S Siddegowda, Former Vice Chairman, Karnataka Higher
Education Council, Bengaluru
Dr. H Honna Gowda, Chief Executive Officer, Multiplex Drone Pvt. Ltd,
Bengaluru & Former Special Secretary, DSI, CoK
Dr. B E Rangaswamy, Registrar, Visveswararaj Technological University,
Belagavi
Prof. Katre Shakuntala, Former Dean (Science) & Head, Department of
Zoology, Bangalore University
Dr. Ramakrishna, Former Director, ZSI & Member, RAMC/ZSI, Bengaluru
Prof. Ashok D Hanjagi, Dean, Faculty of Science, Bengaluru University,
Bengaluru
Dr. Prabhakar Sangurmath, Former Executive Director, Hutti Gold Mines
Co. Ltd, Bengaluru
Shri K V Prakash, Founder & Director, Ecomat, Bengaluru
Dr. Sreepada, Professor, Dept. of Zoology, Mangalore University
Dr. S Sroonivasa, Professor & Chairman, Dept. of Chemistry, Tumkur
University, Tumkur

ORGANIZING COMMITTEE

Dr. A M Ramesh, Former
Chief Executive Officer, KSTA
Dr. Anand R, Senior Scientific Officer, KSTA
Shri Srinivasu V K, Scientific Officer, KSTA
Shri Umesh Ghatage, Scientific Officer, KSTA
Shri Mahadevegowda, Administrative Officer, KSTA
Shri H V Honnegowda, Accounts Superintendent, KSTA
Shri Dilip Kumar T, Office Superintendent, KSTA
Dr. N Manjappa, Associate Professor & Head, Fisheries Resources &
Information Centre, Hesarghatta, Bengaluru
Dr. M E Vijaykumar, Technical Officer, ICAR, CIFRI [Central Inland
Fisheries Research Institute], Regional Centre, Hesarghatta,
Bengaluru
Dr. Karthika B S, Professor & Head, Dept. of Civil Engineering,
JNCE, Shivamogga

