

BRIEF PROCEEDINGS



OF



XLV INDIAN SOCIAL SCIENCE CONGRESS

FOCAL THEME

ENVIRONMENT, ENERGY AND HEALTH

HOSTED BY

B.S. ABDUR RAHMAN CRESCENT INSTITUTE OF SCIENCE
AND TECHNOLOGY

VANDALUR, TAMIL NADU

MARCH 28-APRIL 01, 2022

ORGANIZED BY

भारतीय समाज विज्ञान अकादमी
INDIAN SOCIAL SCIENCE ACADEMY
INDIA

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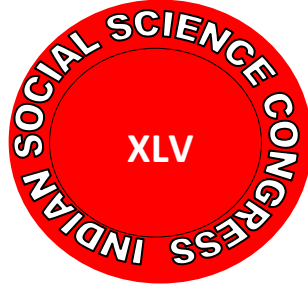
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Indian Council of Social Science Research (ICSSR) and National Institute of Educational Planning and Administration (NIEPA) provided financial support to the Indian Social Science Academy for organisation of the 45th Indian Social Science Congress in March 28-April 01, 2022 at B.S. Abdur Rahman Crescent Institute of Science and Technology (Deemed – to be – University), Vandalur, Tamil Nadu. The Executive Council and all the members of the Indian Social Science Academy including the undersigned express their gratitude and thankfulness to the Indian Council of Social Science Research and National Institute of Educational Planning and Administration. However, neither of them are responsible for views expressed and facts presented at the XLV Indian Social Science Congress and its proceedings. It is hoped that their continued support will enable the Indian Social Science Academy to continue pursuing development and dissemination of Science of Nature-Human-Society for enabling Swaraj India and its peoples to become **Atmnirbhar** and free from perennial poverty, disease, discrimination, oppression and violence and enjoy healthy and happy life while living in clean environment, breathing clean air, drinking clean water and enjoying all the worldly and spiritual pleasure.

B.S. Abdur Rahman Crescent Institute of Science and Technology, its Vice-Chancellor, Prof. Peer A. Mohamed, all its officials, faculty and students did their best in making the deliberations of the XLV Indian Social Science Congress a great success. Prof. T. Harinarayana shouldered the onerous responsibility of Local Organising Secretary, despite being old and worked very hard like a young man for the success of the XLV Indian Social Science Congress. He never complained and accepted all epithets smiling. The undersigned on behalf of the Indian Social Science Academy, its Executive Council, all members and also on his personal behalf thank Prof. T. Harinarayana for doing his best for the successful organisation of the XLV Indian Social Science Congress.

Prof. I. Arul Aram shouldered the responsibility of the Chief Rapporteur. He was assisted by his students: Vivek Nagarajan, R. Tryphena and Parama Gupta in this work. The reports submitted by Prof. I. Arul Aram and his students helped the undersigned in preparing this volume of proceedings of the XLV Indian Social Science Congress. The undersigned, on behalf of the Executive Council and also on his personal behalf expresses his gratitude and thankfulness to Prof. I. Arul Aram and his students Vivek Nagarajan, R. Tryphena and Parama Gupta for their seminal contributions.

The undersigned also wishes to thank Prof. A. Elangovan who provided very valuable input as the observer of the XLV Indian Social Science Congress.

The undersigned also wishes to thank the Executive Council of the Indian Social Science Academy for finally entrusting this task to the undersigned for which he is ill-qualified. It is quite likely that the undersigned has not been able to fulfil their expectations. The undersigned, therefore, would like to be excused by them.

No single individual who ever he/she may be will be able to do the gigantic task of recording, preparing and typing of such proceedings without support of competent dedicated staff. The undersigned is fortunate to have great support from Sri Abhishek Kumar, Sri Suhel Ahamad, Sri Mohd Saif Siddiqui and Sri Santosh Kumar. All of them made significant contribution. The undersigned, therefore, wishes to express his gratitude and thankfulness to Sri Abhishek Kumar, Sri Suhel Ahamad, Sri Mohd Saif Siddiqui and Sri Santosh Kumar.

All kinds of omissions and commissions in this volume is possible. Those who presented papers and participated in the XLV Indian Social Science Congress are most welcome to pinpoint errors and suggest appropriate corrections while pardoning the undersigned.

Dated: April 04, 2023

(N.P. Chaubey)
Editor

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1. EXECUTIVE SUMMARY OF PROCEEDINGS OF XLV INDIAN SOCIAL SCIENCE CONGRESS

The Indian Social Science Academy (ISSA) organised its 45th Indian Social Science Congress from March 28 to April 01, 2022 at B.S. Abdur Rahman Crescent Institute of Science and Technology (Deemed-to-be-University), Vandalur, Tamil Nadu. The session of XLV ISSC opened with the Inaugural address by the Chief Guest, Dr. M.N. Rajeevan and Presidential Address by Prof. G. Parthasarathy, the President of the Indian Social Science Academy and XLV Indian Social Science Congress. It closed on April 01, 2022 with the valedictory address by Dr. Vengugopal Achanta, the Director of CSIR-National Physical Laboratory as the Chief Guest.

The deliberations of the XLV Indian Social Science Congress were centred around ‘**Environment, Energy and Health**’ and current research and interdisciplinary Research in 28 subjects Research Committees and 21 Thematic Panels. X All India Young Scientist Convention could not be held as majority of the students (from class XI-XII to PG and Research students) who had submitted quite good papers did not attend, perhaps because of change in the original dates of the XLV Indian Social Science Congress due to Corona Pandemic.

513 research papers were received and the full text of all the Plenary/Memorial/Public Lectures, Chairperson’s Addresses and abstracts of 28 subjects Research Committees and 21 interdisciplinary Thematic Panels were printed in **Social Science Abstracts, Vol. 45, 2022** which was made available to all those who attended the XLV Indian Social Science Congress. Some of the papers were printed in monograph form separately.

Gold Medals were awarded to the following during the inauguration of the XLV Indian Social Science Congress:

1. **Sri P. Sainath: ISSA Silver Jubilee P.V. Sukhatme Gold Medal**
2. **Sri Ravish Kumar: Basant Sarkar Memorial Gold Medal**

Later, both, Sri P. Sainath and Sri Ravish Kumar delivered public lectures in the evening. Sri Sainath delivered Fourth B.V. Rangarao Memorial Lecture and Sri Ravish Kumar ‘First Basant Sarkar Memorial Lecture’. Both the lectures were largely attended. Question – answers sessions lasted over 3 hours in each lecture.

The deliberations of the XLV Indian Social Science Congress showed the following:

1. There is high positive correlation between and among Environment, Energy and Health. Clean environment – clean air, water, food, hygienic living conditions and clean energy make people and all other living organisms, healthy and happy.
2. There is no longer clean environment and energy in Swaraj India in particular, and world in general. Also, there is no longer good public health system in India in particular, and world in general.
3. The equilibrium between and among ‘**Nature-Human-Society**’ has been broken beyond imagination because of reckless destruction of forests, big dams, pollution of water, mining, uranium mining, nuclear reactors, fossil fuel energy, chemicalisation of agriculture and industry, etc. It is called destruction of ecological equilibrium/balance between and among Nature-Human-Society and once the ecological balance is lost, the survival of life on Planet Earth becomes difficult if not impossible.
4. There is no easy solution to all health related problems resulting from loss of equilibrium between Environment, Energy and health or ecological disequilibrium between and among Nature-Human-Society. Only viable solution that appears is a systemic change in the existing global and domestic system, which under the existing conditions seems unlikely.
5. Improving quality of science education and research and dissemination of Science of Nature-Human-Society in all Indian languages may create appropriate collective consciousness for reversing the processes involved in the destruction of ecological, equilibrium between and among Nature-Human-Society.
6. Improving the public health system too may help suffering masses.

Tables I, II and II provide details of research papers received and presented at the XLV Indian Social Science Congress:

Table I
Summary of Papers

S.No.	Committee	Number
1.	Inaugural/Presidential/Memorial	3
2.	Plenary/Public	27
2.	Chairperson's Addresses	25
3.	Research Committees	392
4.	Thematic Panels	57
6.	IX All India Young Scientist Convention	9
Total		513

Table II

Papers received and presented in subject Research Committees.

Research Committees	Number
1. Agricultural Science	6
2. Anthropology	0
3. Archaeology, History and Culture	43
4. Biological or Life Science	10
5. Biotechnology	1
6. Chemical Science	17
7. Commerce	24
8. Communication And Journalism	16
9. Computer Science	27
10. Earth Science (Oceanic Sc, Marine Sc. , Atmospheric Science etc) And Planetary Science	12
11. Ecological And Environmental Science	11
12. Economics	11
13. Education	38
14. Engineering Science	31
15. Geography	9
16. Home Science	5
17. International Relations Studies & Defence Strategic Studies	6
18. Juridical Science	0
19. Linguistics	10
20. Management Science	5
21. Mathematical and Statistical Science	14
22. Medical and Health Science	33
23. Philosophy	15
24. Physics	9
25. Political Science	9
26. Psychology	22
27. Social Work	1
28. Sociology	7
Total	392

Table III

Papers received and presented in interdisciplinary Thematic Panels

Thematic Panels	Number
1. Conflicts, War, Peace and Social Security	2
2. Democracy and Human Rights	3
3. Ecological And Environmental Protection Movements	3

4. Ethics of Science And Society	2
5. Global Warming and Climate Change	3
6. History And Philosophy of Science	0
7. Information Technology, Mass Media and Culture	1
8. Labour in Organised and Unorganised Sectors	8
9. Nation, States And Emerging Challenges	1
10. Natural Resources, Bio-Diversity and Geographic Information System	0
11. Patent Laws and Intellectual Property Rights	1
12. Peasants, Livelihood and Land-use	0
13. Peoples (Dalits, Tribes, Women, Peasants, Etc.) Struggles and Movements for Equitable Democratic Society	15
14. Peoples Health and Quality of Life	7
15. Political Economy of India	7
16. Population, Poverty and Migration	1
17. Rural Technology, Social Organisations And Rural Development	1
18. Science Communication And Science Popoularization	0
19. Science, Technology And Social Development	0
20. Social Processes, Social Structures And Social Alienation	2
21. Unity Of Science/Science Of Nature-Humans-Society	0
Total	57

2. OBJECTIVES

The Indian Social Science Congress is a multi-disciplinary national science forum, which promotes integration of Science of Nature-Human-Society through intra, inter and multi-disciplinary appraisal and integration of current research and theory. Its deliberations, therefore, relate to (a) the focal theme, (b) current research and theory in each subject/discipline of Science, (c) inter and multi-disciplinary deliberations on the major India's and world's problems; (d) emerging areas of research and (e) improving the quality of education and research through capacity building programmes for young scientists. Specific objectives related to the focal theme, '**Environment, Energy and Health**' are as follows:

- 0501 Are the environment and energy in India and elsewhere clean, unpolluted and congenial to existence of all forms of life including humans on Planet Earth? If not, why?
- 0502 Is the symbiotic relationship between environment, energy and ecology congenial and sustainable? If not, why? Is Energy clean? If yes, why do people talk about 'clean energy' or 'Green Energy'?
- 0303 What is the state of bio-diversity and natural resources in India and other countries. How has accelerated process of deforestation, desertification and mining affected biodiversity, environment and ecology?
- 0504 What is the quantum of pollution of water, air, food, in terms of continuous consumption and unsustainable growth?
- 0505 Is extensive use of plastic goods safe for the environment and health?
- 0506 What is the effect of chemical fertilizers, large irrigation projects and water management on natural habitats?
- 0507 Is radiation produced by nuclear reactors, satellites towers and digital technology good for environment and people's health?
- 0508 How do the 24x7 hour radiations produced by TVs, Smartphones, Social Media, Twitters, Googles, etc. affect people's health? Does long hours of work on computer affect health? Is digital technology created virtual world causing psychological disorders and mental illness?
- 0509 Are online education and webinars good for health, education and research? Does it not destroy all creative potentialities of learning in children and students?
- 0510 How has use of chemical fertilizer affected health of soil, foodgrains, vegetables and fruits, etc.? Can we say that food that all humans eat is healthy and safe? If yes, how? If no, why?
- 0511 How to manage air and water resources that are fundamental for existence?
- 0512 How to improve healthcare methods?
- 0513 How do high rise buildings affect environment, energy and health of the people?
- 0514 Are the highways and high speed vehicles safe? How do large scale buses, trucks, cars, trains, etc. affect environment, energy and people's health?
- 0515 What about Greenhouse Gas and its ill-effects? What is Green Energy? Is it available? Is it necessary for good health? Is it possible to produce 'Green Energy' and free the world from Greenhouse Gas without abolishing the present system of production-distribution-and-consumption?
- 0516 What is the state of Public Health System in India, United States, Great Britain, France, Germany, Russia, China, Cuba and other countries? Is the public health system conducive to the good health of all irrespective of their class-caste-creed-gender?
- 0517 How is Private Health System in India and abroad? Is it conducive to the health of all irrespective of their economic status? What is the experience of Private Health System during Corona pandemic?
- 0518 How to formulate and regulate the pharmaceutical industry and research in order to optimize maximum benefits for the human healthcare?
- 0519 Who promotes spurious drugs in India and Third World Countries and why?
- 0520 What is the relationship between drug industries and doctors, between drug industries and politics? How do such relations affect people's health?

- 0521 What is the State of Medical and Health Science Education and Research in India and other countries? How have privatisation of Medical Education and policy of reservation affected quality of medical and health science education and research?
- 0522 What is the state of all other alternative practicing medicines?
- 0523 What is the way out? Is it possible to create a new democratic social system in which all are healthy and happy? If yes, how? If no, why?
- 0524 Is the global economic paradigm of 'economic growth' at the root of climate change, environment degradation, energy pollution and animal health, human industries, civilisation under survival threat because of economic growth paradigm.
- 0525 Does Science need paradigm shift? If yes, what would be its parameters? Should it be freed from market and politics? If yes, how?

3. INAUGURAL SESSIONS

Dr. M.N. Rajeevan, the former Secretary, Ministry of Earth Sciences, Government of India and distinguished Earth Scientist was the Chief Guest at the opening session of XLV Indian Social Science Congress. Prof. G. Parthasarathy, the President of the Indian Social Science Academy presided over the inauguration session of the XLV Indian Social Science Congress.

Prof. A. Peer Mohamed, the Vice-Chancellor and Chairman, Organising Committee, B.S. Abdur Rahman Crescent Institute of Science and Technology extended warm welcome to the President, Prof. G. Parthasarathy, the Chief Guest. Dr. M.N. Rajeevan and all the distinguished Guests and delegates of the XLV Indian Social Science Congress. Prof. D.M. Diwakar, the General Secretary of the Indian Social Science Academy spoke on objectives and issues of XLV Indian Social Science Congress while extending hearty welcome to all the Guests and delegates.

Dr. Rajeevan released the book '**Human Future In Digital Era**' published by the Indian Social Science Academy.

The President, Prof. G. Parthasarathy awarded **ISSA Silver Jubilee, P.V. Sukhatme Gold Medal to Sri P. Sainath** for his outstanding contribution to scientific understanding and solutions of problems of hunger in Swaraj India and **Dr. Basant Sarkar Gold Medal to Sri Ravish Kumar, the senior journalist of NDTV** for upholding and promoting democratic values of equality, freedom and fraternity through honest and scientific journalism fearlessly and boldly.

Prof. G. Parthasarathy, the President of the Indian Social Science Academy delivered his presidential address on 'Minerals-Materials from Nature and for Nature: Society, Environment and Energy/Circulate Economy'.

Later Dr. A. Azad, the Registrar, Dr. N. Raja, the Additional Registrar and Dr. Manish Diwan too spoke.

Finally, Prof. T. Harinarayana, the Local Organising Secretary of XLV Indian Social Science Congress proposed a hearty vote of thanks to the President, Prof. G. Parthasarathy, the Chief Guest, Dr. M. N. Rajeevan, the Vice-chancellor, Prof. A. Peer Mohamed, the General Secretary of Indian Social Science Academy, Prof. D.M. Diwakar, Dr. A. Azad, Registrar, Dr. N. Raja Hussain, the Additional Registrar of B.S. Abdur Rahman Crescent Institute of Science and Technology, Dr. Manish Diwan, all the Guests and delegates of the XLV Indian Social Science Congress. He invited all for lunch.

4. PLENARY SESSIONS

Eight Plenaries on the focal theme, 'Environment, Energy and Health' were held during the XLV Indian Social Science Congress. Following distinguished scientists delivered plenary lectures on diverse aspects of the focal theme 'Environment, Energy and Health:

PLENARY I: ENVIRONMENT, ENERGY AND HEALTH

Chairman : G. Parthasarathy

Speaker I : S.G. Vombatkere (online)

Theme : The Entropic 'Dance' Of Mass And Energy.

Speaker II : Sankar Kumar Nath

Theme : Site-Specific Surface-Consistent Seismic Hazard And Disaster Modelling In The Seismotectonic Ensemble Of Kashmir Himalaya To Northeast India Including Nepal, Bangladesh And Bhutan At The Backdrop Of Bedrock Level Probabilistic Seismic Hazard Of India.

Speaker III: Kala Chand Sain

Theme: Geo-Hazards And Geore sources In The Himalaya.

Speaker IV: Gufran Beig

Them: Physics of air quality and climate change in India: From sources to control.

Rapporteurs : R. Ravikumar

PLENARY II : ENVIRONMENT, ENERGY AND HEALTH

Chairman : G. D. Sharma

Speaker I : Rajindra Chaudhary

Theme : Conventional Farming Adversely Impacts Environment, Energy And Health: Self-Reliant Organic Farming Contributes To Protection Of All.

Speaker II : C.T. Anita

Theme : Impact Of Industries On Environment, Energy And Health.

Speaker III : Nagendra Harini

Theme : Ecology In The City: Sustaining India's Urban Future.

Discussant: D.M. Diwakar

Rapporteurs : R. Ravikumar

PLENARY III : ENVIRONMENT, ENERGY AND HEALTH

Chairman : V.N. Bhoraskar

Speaker I : Prakash Burte

Theme : Nuclear Energy Through A Double Lens Of Its Genesis And As An Energy Option.

Speaker II : H. Paramesh

Theme : Environment, Energy, And Health.

Speaker III: D. Balachandra

Theme: Global Warming – An Overview On Its Effects On Health.

Discussant : P. Goswami

Rapporteurs : R. Ravikumar

PLENARY IV : ENVIRONMENT, ENERGY AND HEALTH

Chairman : Santosh K. Kar

Speaker I : V.N. Bhoraskar

Theme : Treatment Of Wastewater And Analysis Of Environmental Pollution By, Radiation Technology, With Focus On Human Health.

Speaker II : Sudha Bhoraskar

Theme : Environmental Solution For Municipal Solid Waste Management Using Thermal Plasma Processing.

Speaker III : R.S. Goyal

Theme : Impact Of Climate Change On Human Health In India: Issues And Priority Concerns.

Discussants : Prakash Burte And K. Murugan

Rapporteurs : G. Shankar And R. Ravikumar

PLENARY V : ENVIRONMENT, ENERGY AND HEALTH

Chairman :

Speaker I : K. Ashok Rao

Theme : Transformational Changes Not Based On Ground Reality – Electricity Sector Reforms.

Speaker II : Prakash V. Diwan

Theme : Nano Technology Health Care: The Power Of Small And Its Concerns: Th Next Big Innovations Are Really Tiny.

Speaker III: Santosh K. Kar

Theme: For Better Health For Our Citizens We Must Prevent Degradation Of The Environment.

Speaker IV: Ved Ray

Theme: Sustainable Building Architecture

Discussant :

Rapporteurs : R. Ravikumar

PLENARY VI : ENVIRONMENT, ENERGY AND HEALTH

Chairman : Santosh K. Kar

Speaker I : P. Ganesham

Theme : Impact Of Grassroots Creativity On 'Environment, Energy, And Health' Of The Society.

Speaker II : K. Murugan

Theme : Ecology Of Insect Plant-Parasitoid Interactions With Special Reference To Biological Insecticides For The Sustainable Management And Conservation Of Insects.

Speaker III : P. Goswami

Theme : Environment, Energy And Health And Emerging Technologies.

Rapporteurs : R. Ravikumar

PLENARY VII : ENVIRONMENT, ENERGY AND HEALTH

Chairman: G. Parthasarathy

Speaker I: Venu Gopal Achanta

Theme: Metrology For Societal Applications.

Speaker II: Shankar Sharma

Theme: Moving away from fossil fuels for environmental sustainability.

Speaker III: Rana Pratap Singh

Them: Converting Carbon source into carbon sink designing novel ecosystem for sustainable ecology.

Rapporteurs: R. Ravikumar

PLENARY VIII : ENVIRONMENT, ENERGY AND HEALTH

Chairman: Rana Pratap Singh

Speaker I: C.B.S.R. Sharma

Theme: Covid exposed Mutations revealed themselves Both threaten futures

Speaker II: Harsha R. Merchant

Theme: Role of Teacher in Students Life.

Speaker III: Keerthana S. Kumar

Them: Disability vis-à-vis queer ecology.

Discussants:

Rapporteurs: R. Ravikumar

***Note** Some of the plenary speakers listed had submitted their papers and confirmed their participation, but did not come.*

5. TECHNICAL PARALLEL SESSIONS

28 subjects Research Committees and 21 Thematic Panels held their deliberations between 1400-1700 hours on March 28, 29, 30, 31 and April, 01, 2022 in different halls/conference rooms concurrently. A brief detail of the same are given below:

(a) RESEARCH COMMITTEES

Deliberations of the 28 subjects Research Committees were categorise its two: one for chairpersons' address and the second for paper presentation, special lecture and symposia.

(I) Chairpersons' Addresses

All the outstation and local chairpersons of 28 subjects Research Committee delivered their addresses in their respective comments on March 28, 2022 between 1400-15:45 hours. A brief summary of the same is given below:

01. AGRICULTURAL SCIENCE RESEARCH COMMITTEE

Neither outstation nor local chairperson submitted their papers nor did they deliver.

03. ARCHAEOLOGY AND HISTORY RESEARCH COMMITTEE

Chairman: Vikas Gupta

Title: Modern Scientific West and Primitive Cultural East: Perspectives on the impact of Indology on Historiographical and Educational Discourse in India.

Chairman: Mohammad Rais Khan

Title: Medicinal Aspects - Health care Discourse in Colonial India and Indigenous Medical knowledge in Colonial Tamil Region including Pondicherry

Conveners: Sonal

Binod Bihari Satpathy

04. BIOLOGICAL/LIFE SCIENCE RESEARCH COMMITTEE

Chairman I: Wasim Ahmad

Title: Belowground biodiversity and their role in soil ecosystem.

05. BIOTECHNOLOGY RESEARCH COMMITTEE

Neither outstation nor local chairperson submitted their papers nor did they deliver.

06. CHEMICAL SCIENCE RESEARCH COMMITTEE

Neither outstation nor local chairperson submitted their papers nor did they deliver.

07. COMMERCE RESEARCH COMMITTEE

Neither outstation nor local chairperson submitted their papers nor did they deliver.

08. COMMUNICATIONS AND JOURNALISM RESEARCH COMMITTEE

Chairman I: I. Arul Aram

Title: Studying the Environment using frame analysis.

09. COMPUTER SCIENCE RESEARCH COMMITTEE

Chairman: Manohar Lal

Title: Emerging technologies, challenging problems and critical role of intellectual: In the age of artificial intelligence and fifth industrial revolution.

10. EARTH SCIENCE (Ocean, Marine, Atmosphere Science, etc.) And Planetary Science RESEARCH COMMITTEE

Chairman I: Prakash Chauhan

Title: Understanding geologic processes on Moon and Mars using remote sensing Data from Indian Planetary Missions.

Chairman II: T. Harinarayana

Title: Marine Magnetotellurics – A new geophysical tool for marine exploration problems

Convener: Bulusu Sreenivas

K. Kanmani

Prof. Prakash Chauhan did not attend.

11. ECOLOGICAL AND ENVIRONMENTAL SCIENCE Research Committee

Chairman: Rana Pratap Singh

Title: Redesigning ecosystems for sustainable development through green cyclic economy.

12. ECONOMICS RESEARCH COMMITTEE

Neither outstation nor local chairperson submitted their papers nor did they deliver.

13. EDUCATION RESEARCH COMMITTEE

Chairman: V.P.S. Raju

Title: Education of the masses: A quest for equity and quality.

14. ENGINEERING SCIENCE RESEARCH COMMITTEE

Chairman: G. Ezhilarasan

Title: Renewable energy generation and challenges for a green world.

15. GEOGRAPHY RESEARCH COMMITTEE

Chairman I: A.R. Siddiqui

Title: Energy, Environment and Health

16. HOME SCIENCE RESEARCH COMMITTEE

Neither outstation nor local chairperson submitted their papers nor did they deliver.

17. INTERNATIONAL STUDIES OF DEFENCE STUDIES AND STRATEGIC RESEARCH COMMITTEE

Neither outstation nor local chairperson submitted their papers nor did they deliver.

18. JURIDICAL SCIENCE RESEARCH COMMITTEE

Chairman: Maruthi T.R.

Title: An integrated approach to deal with the problem of marine pollution from seabed activities.

19. LINGUISTIC RESEARCH COMMITTEE

Chairman I: A.R. Fatihi

Title: Tribal folk songs of sarhul festival: An environmental linguistic perspective.

20. MANAGEMENT SCIENCE RESEARCH COMMITTEE

Chairman I: N. Sambasiva Rao

Title: Impact of employee wellness programs on employee quality of life in Indian corporate sector.

21. MATHEMATICAL AND STATISTICAL SCIENCE RC

Neither outstation nor local chairperson submitted their papers nor did they deliver.

22. MEDICAL AND HEALTH SCIENCE RESEARCH COMMITTEE

Neither outstation nor local chairperson submitted their papers nor did they attend.

23. PHILOSOPHY RESEARCH COMMITTEE

Chairperson I: M.P. Terence Samuel

Title: A materialistic understanding of mutually coevolutionary relationship of nature, human and society.

24. PHYSICAL SCIENCE RESEARCH COMMITTEE

Chairman I: Gufran Beig

Title: Physics of air quality and climate change in India: From sources to control.

(Instead of physics Research Committee, Prof. Gufran Beig delivered online speech in plenary session.)

25. POLITICAL SCIENCE RESEARCH COMMITTEE

Neither outstation nor local chairperson submitted their papers nor did they deliver.

26. PSYCHOLOGY RESEARCH COMMITTEE

Chairman: Akbar Hussain

Title: Spirituality and spiritual health.

27. SOCIAL WORK RESEARCH COMMITTEE

Chairman: Nandini Sen

Title: Importance of social work in school education in India.

28. SOCIOLOGY RESEARCH COMMITTEE

Neither outstation nor local chairperson submitted their papers nor did they deliver.

(II). Presentation of Papers in Research Committees

Presentation of research papers, lectures and symposia in all the 28 subjects Research Committees were held between 1400-1700 hours on March 29, 30, 31, 2022 in concurrent parallel sessions. A brief information about the same are given below:

1. Agricultural Science Research Committee

Chairman (Outstation) Prof. Parvez Qamar Rizvi

Convener Dr. Syed Kamran Ahmad

Co-Convener Dr. Ziaul Haque

Co-Convener Dr. Rizwan Ali Ansari

SPEAKERS:

1. Rizwan Ali Ansari

2. Anthropology Research Committee

Chairman Prof. S. Sumathi
(Outstation)

SPEAKERS:

1. Ms. Shivani Abirami

3. Archaeology, History and Culture Research Committee

Chairman Prof. Vikas Gupta
(Outstation)

SPEAKERS:

1. Anirudha Deshpande
2. Sandeep Kumar Verma
3. Shrishti Khanna
4. Asahrafunishan
5. Anupriya Biswas
6. Zaid Akhter
7. Md. Sahidul Islam
8. Uma Shankar Singh
9. Sonal
10. Md. Rais Khan
11. A. Catherine Anna Pushpam
12. Md Sahidul Islam
13. Viksh Kumar Singh
14. Hinna Gupta
15. Lakshmi Jayakumar
16. Priyadarshini Maishnam Gangte
17. Bratati Hore
18. Biresh Chaudhuri
19. Firoz alam
20. Ajeet Kumar
21. Nihal Zainab
22. H. Sofia

4. Biological or Life Science Research Committee

Chairman Prof. Wasim Ahmad
(Outstation)

Chairman Dr. Karthikeyan Ramalingam
(Local)

Convener Prof. Shamsul Hayat

Convener Dr. Vimal Kumar

SPEAKERS:

1. Ashwathi Vijayalekha
2. Srinivetha Pathmanpan
3. Ashok Kumar Pandurangan
4. Suresh Kumar Anandasadagopan
5. Logesh Radhakirshna
6. Divyesh Kumar K.
7. Shazia Jamal
8. L. Kavitha
9. M.K. Sangeetha
10. Bommanabaina Anil Kumar
11. Neesar Ahmed
12. Zafar Al Sathiq
13. Gulsaz Shamim
14. Kewal Krishnan Sharma
15. Panse Vaishalee
16. K. Pugazhendy

17. K. Murugan
18. Eyrarn Hamid
19. Gulfishan Mohd
20. Rayees Afzal Mir
21. Syed Asif Hussain
22. Fatima Shabir
23. Mehnaz Aijaz

5. Biotechnology Research Committee

Chairman Dr. S.M. Shaheedha
(Local)

Convener Dr. V. Sowmya Lakshmi

SPEAKERS:

1. Shivani Abirami
2. Saranya Shivashankar, Irfan N., Anil Kumar B, Sangeetha M.K.
3. S.M. Shaheedha, R. Prakash, A. Asmath Banu, K. Sneha
4. K. Mekala, S.M. Shaheedha
5. Jose Prakash D., Vijaya Vara Prasad M.
6. S.M. Shaheedha, R. Prakash, M. Koushika, Z. Mohamed Sajith
7. Mohanapriya R, Sowmyalakshmi Venkataraman
8. Sowmya Lakshmi Venkataraman
9. Thangavel Devadarshini, Subhamoy Banerjee
10. Sandeep Reddy Cheruku, S.M. Shaheedha, K. Sunil Kumar
11. Prakash R, Ramanathan M.
12. Logesh Radhakrishnan, Irfan Navabshan, Shazia Jamal, Neesar Ahmed
13. E. Leelavathy, S.M. Shaheedha

6. Chemical Science Research Committee

Chairman Dr. K. Pandian
(Outstation)

Chairman Dr. D. Easwaramoorthy
(Local)

Convener Dr. D. Ravi Shankaran

Convener Dr. J. Herbert Mabel

SPEAKERS:

1. S. pandiarajan, N. Hajarabeevi, Rafik Rajjak Shaikh, D. Mubarak Ali, R. Sathya
2. Kavitha andiappan, Venkata Subramanian, Veerabadran K.M, B. Anuradha
3. Nallathambi Gobi, Ganesan Monnisha
4. S. Gokul Eswaran, Ashkar M.A., S. Kutti Rani, N. Vasimalai
5. M. Maruthupandi, N. Vasimalai
6. J. Immaculate Mercy, N. Vasimalai

7. Commerce Research Committee

Chairman Dr. Afzalur Rahman
(Local)

Convener Dr. N. Indumathi

SPEAKERS:

1. S. Vidya
2. R. Prakash
3. N. Vijayakumar
4. Mohammed Sherfuddin
5. Sibghatullah Nasir
6. Ziavuddeen B.

7. N. Indumathi
8. S. Asan Bawa
9. Srinivasan C.
10. Uday Krishna Mitra

8. Communication and Journalism Research Committee

Chairman Dr. I. Arul Aram
(Outstation)

Chairman Dr. P. Rathna
(Local)

Convener Dr. S. Hemamalini

Convener Ms. A. Catherin Anna Pushpam

SPEAKERS:

1. B. Priya, S. Hemamalini
2. T. Nirmala
3. Satish Radhakrishnan, Lavanya Rajendran
4. Anita Singh
5. A.P. Felix Arokiya Raj, I. Arul Aram
6. S. Lekshmi Priya, I. Arul Aram
7. Paramagupta, I. Arul Aram
8. A. Amalanarokiaraj, I. Arul Aram
9. J.H. Akash, I. Arul Aram
10. Rashmijain
11. Vivek Nagarajan, I. Arul Aram
12. J.S. Nishanthi, S. Hemamalini
13. M. Rabia Begum, H. Sofia

9. Computer Science Research Committee

Chairman Prof. Manohar Lal
(Outstation)

Chairman Dr. Venkatesan Selvam
(Local)

Convener Dr. N. Ayyanathan

SPEAKERS:

1. J. Dhanalakshmi
2. G. Matheen
3. S. Raja Mohamed
4. J. Sai Vijayalakshmi
5. Bhuvaneswari
6. Chitra K.
7. Shahbaz Afzal
8. S.M. Rohitha
9. K. Shwetha
10. Shahbaz Afzal
11. Shaila Banu H.
12. Shahbaz Afzal
13. Mohammad Afrin
14. Saliha Sameera
15. S. Saravanan
16. Nisha
17. B. Murali Krishna
18. Dilip Hamilton, Harshieni S.
19. Sandeep Chatterjee
20. Sunil Singh
21. Faisal Nazir Bhat

**10. Earth Science (Oceanic Sc., Marine Sc., Atmospheric Science etc)
and Planetary Science Research Committee**

Chairman Dr. T. Harinarayana
(Local)

Convener Prof. Nimisha Vedanti

Convener Ms. K. Kanmani

SPEAKERS:

1. T. Harinarayana
2. Bulusu Sreenivas
3. Subhamoy Jana, William Kumar Mohanty, Saibal Gupta
4. Shakeel Ahmed, Saneem Fatima
5. G. Parthasarathy
6. Kalachand Sain
7. Kanmani K, Maharajan N, Vasanthi P, Harinarayana T.

11. Ecological and Environmental Science Research Committee

Chairman Prof. Rana Pratap Singh
(Outstation)

Chairman Dr. Revathi Purushothaman
(Local)

Convener Prof. Venkatesh Dutta

Convener Dr. J. Shahitha Parveen

SPEAKERS:

1. Rana Pratap Singh
2. Sudhira C. Jena
3. M.S. Jangra
4. Prakriti Dadial
5. Neha Verma
6. Hephzibah Esther
7. S. Prabha
8. V. Muhamed Ashiq
9. Arshiya Fathima
10. Yamal Gupta
11. Basanta Kumar Behera
12. R. Daulath Banu

12. Economics Science Research Committee

Chairman Dr. Ayub Khan Dawood
(Local)

Convener Dr. Krupa B. Nair

SPEAKERS:

1. Tsering Yangzom
2. K. Hajira Sulthana
3. Pramod Kumar
4. Anu Satyal

13. Education Research Committee

Chairman Dr. V.P.S. Raju
(Outstation)

Chairman Dr. S.K.G. Ganesh
(Local)

Convener Dr. S. Saravanan

SPEAKERS:

1. Santwana G. Mishra
2. S. Anusooya
3. Kishore Babu Tirupathi
4. Mona Sedwal
5. Rajarethinam

14. Engineering Science and Technology Research Committee

Chairman (Outstation) Prof. G. Ezhilarasan

Chairman (Local) Dr. S. Rasool Mohideen

Convener Prof. Ravi Kumar R.

Convener Dr. A. ArockiaJulias

SPEAKERS:

1. S. Ramalingam, S. Rasool Mohideen
2. Sivakumar, Solaiachari, Eakambaram, Arumugam
3. Mohamed Bak K., Ashtaaq Ahamed, Farhan Nadeem, Rifaath, Haafiz Mohammed
4. C. Chandraprakash, K.S. Keerthivasan, S. Channa Keshav, S. Ravikumar

15. Geography Research Committee

Chairman (Outstation) Prof. A. R. Siddiqui

Chairman (Local) Mr. K.M. Ilanchezhian

Convener Prof. Saleha Jamal

Convener M.V. Duraish Kumar

SPEAKERS:

1. Wani Suhail Ahmad, Saleha Jamal
2. Uzma Ajmal
3. Md. Ashif
4. Md. Babor
5. Peer Jeelani, Farzana Ahad, Shamim ahmad Shah, Huma Rashid, Nazia Banoo
6. Zahid Kamal, Mariya
7. Zeba Khanam

16. Home Science Research Committee

Chairman (Local) Dr. Y. Ismail

Convener Dr. L.H. Thameemul Ansari

SPEAKERS:

1. Ismail Y.
2. Thameemul Ansari L.H.
3. Jainaf Nachiya R.A.M.
4. Raja N.
5. Vijaya Kumar Voleti
6. Jayadev Seelam
7. Srinivasan M.

17. International Relations Studies & Defense Strategic Studies

No Paper

18. Juridical Science Research Committee

No Paper

19. Linguistics Research Committee

Chairman Prof. A.R. Fatihi
(Outstation)

Chairman Dr. H. Sofia
(Local)

Convener Dr. Haider Yasmeeen

SPEAKERS:

1. H. Sofia
2. P. Rathna
3. N. Suguna
4. Minakshmi Paul

20. Management Science Research Committee

Chairman Prof. N. Sambasiva Rao
(Outstation)

Chairman Dr. M. ShanmugamMunuswamy
(Local)

Convener Dr. Hemalatha J.

SPEAKERS:

- 1.

21. Mathematical and Statistical Science Research Committee

Chairman Dr. S. Srinivasan
(Local)

Convener Dr. C.D. Nandakumar

SPEAKERS:

1. K. Kapil Raj
2. D. Hebsiba Beula
3. J. Leo
4. M. Anees Fathima
5. S. Baby Latha
6. A. Pradeepa
7. S. Deepika
8. Aadil Rashid Sheergojri
9. S. Sindhuja
10. Devarapalli Madhukar
11. Lubna Shafi
12. Sharon Elsen Abraham
13. F. Amjad Basha
14. M. Zulaiha Maryam

22. Medical and Health Science Research Committee

Chairman Dr. HajaNazeerAhamed
(Local)

Convener Mr. Mohammad Habeeb

SPEAKERS:

1. Wasim Ali Raja K.
2. Logesh Radhakrishnan
3. P. Naresh
4. R. Niranjan Kumar
5. P. Ambala Anand

6. Menon Meera Kumar
7. S. Hemalatha
8. J. Malarvizhi
9. G. Zainab Nasreen
10. Sristi Sriv
11. Hameed Kader Ali

23. Philosophy Research Committee

Chairman (Outstation) Dr. M. P. Terence Samuel

Convener Mr. Dasarath Murmu

SPEAKERS:

1. S. Hameed Kadar Ali
2. Terence Samuel M.P.
3. Keerthana S. Kumar
4. Fousiyaa M.
5. S.K. Nijamatullah
6. Dipjoya Paul
7. Reduvalsam A.
8. N. Irfan
9. Yathukrishna P.P.
10. Saraswathy Nair G.S.
11. Monoshree Ghosh
12. Murmu Darasath
13. Anumol T. Babu

24. Physics Research Committee

Chairman (Local) Dr. M. Basheer Ahamed

Convener Dr. R. Amiruddin

SPEAKERS:

1. Praveena B.
2. K.C. Poria
3. K.C. Poria
4. Rayees Ahmad Khan
5. P. Varatharajan
6. Yogamarish P.
7. T. Prabhakaran
8. Seshavatharam U.V.S.
9. K.V.R.S. Murthy
10. Bhaskar J. Saikia
11. Renuka Devee D.
12. Ramar V.
13. Surya S.R
14. T. Gokul Khanth
15. Ajay G.
16. Samarth Viswnath
17. K.S. Kiran
18. R. Kumuthini
19. Shahnaz Kossar

25. Political Science Research Committee

Chairman (Outstation) Prof. Muzaffar Assadi

Chairman (Local) Dr. P. Paneerselvam

Convener DR. A. Selvantony

SPEAKERS:

1. Shabana Farheen
2. Nandhakumar M.

26. Psychology Research Committee

Chairman (Outstation) Prof. Akbar Husain

Chairman (Local) Dr. Syed Khader Ali

Convener Dr. Irfan Navadshan

SPEAKERS:

1. Sujeet Kumar Dubey
2. Charles Durai, H. Sofia
3. S. Muthulakshmi
4. S.I. Muththamizh Selvi
5. A. Sulochana
6. Vijayakumar

27. Social Work Research Committee

Chairperson (Outstation) Dr. Nandini Sen

Chairperson (Local) Dr. Aisha Banu W.

Convener Ms. Meenakshi Bose

Convener Dr. C. Srinivasan

SPEAKERS:

1. Sumiya Din, Saima Farhad

28. Sociology Research Committee

Chairman (Local) Dr. Moon Moon Husain

Dr. Noushad C.

Convener Dr. P. Devi

SPEAKERS:

1. S. Maya
2. Tswring Yangzom

(b) THEMATIC PANELS

All the 21 interdisciplinary Thematic Panels held their deliberations in concurrent parallel session between 1400:1700 hours on March, 28, 29, 30 and 31, 2022.

(I). Chairpersons' Addresses

All the outstation and local chairpersons of 21 Thematic Panels delivered their address on March 28, 2022 between 1400-15:45 hours in concurrent parallel session as mentioned below:

01. CONFLICTS, WAR, PEACE AND SOCIAL SECURITY

Neither outstation nor local chairperson submitted their papers nor did they deliver.

02. DEMOCRACY AND HUMAN RIGHTS

Neither outstation nor local chairperson submitted their papers nor did they deliver.

03. ETHICS OF SCIENCE AND SOCIAL ETHICS OF MEDICAL AND HEALTH SCIENCE

Neither outstation nor local chairperson submitted their papers nor did they deliver.

04. ETHICS OF SCIENCE AND SOCIETY

Neither outstation nor local chairperson submitted their papers nor did they deliver.

05. GLOBAL WARMING AND CLIMATE CHANGE

Neither outstation nor local chairperson submitted their papers nor did they deliver.

06. HISTORY OF PHILOSOPHY OF SCIENCE

Neither outstation nor local chairperson submitted their papers nor did they deliver.

07. INFORMATION TECHNOLOGY, MASS, MEDIA AND CULTURE

Neither outstation nor local chairperson submitted their papers nor did they deliver.

08. LABOUR IN ORGANISED AND UNORGANISED SECTOR

Outstation Chairperson: Minaketan Behera

Title: Wage Inequality in Indian labour Market

Convener: K. Chittibabu

Title: The Global Pandemic and 'Nation-wide Lock Down' in India: *Repatriation of Uprooted Pandemican Migrant Labour during COVID-19*

09. NATION-STATES AND EMERGING CHALLENGES

Neither outstation nor local chairperson submitted their papers nor did they deliver.

10. NATURAL RESOURCES, BIODIVERSITY AND GEOGRAPHIC INFORMATION SYSTEM

Neither outstation nor local chairperson submitted their papers nor did they deliver.

11. PATENT LAWS AND INTELLECTUAL PROPERTY RIGHTS

Neither outstation nor local chairperson submitted their papers nor did they deliver.

12. PEOPLES (DALITS, TRIBES, WOMEN, PEASANTS, ETC.) STRUGGLES AND MOVEMENTS FOR EQUITABLE DEMOCRATIC SOCIETY

Chairman: Yagrti Chinna Rao

Title: Unsung heroes: Dalits and Freedom struggle in Madras Presidency.

13. PEOPLES HEALTH AND QUALITY OF LIFE

Neither outstation nor local chairperson submitted their papers nor did they deliver.

14. PEASANTS, LAND-USE AND LIVELIHOOD

Neither outstation nor local chairperson submitted their papers nor did they deliver.

15. POLITICAL ECONOMY OF INDIA

Chairman: Keshab Das

Title: Degrowth and localization: Sustaining nature and democracy in India.

16. POPULATION, POVERTY AND MIGRATION

Neither outstation nor local chairperson submitted their papers nor did they deliver.

17. RURAL TECHNOLOGY, SOCIAL ORGANISATIONS AND RURAL DEVELOPMENT

Neither outstation nor local chairperson submitted their papers nor did they deliver.

18. SCIENCE COMMUNICATION AND SCIENCE POPULARIZATION

Chairman: T.V. Venkateswaran

Title: Beyond 'Fact Check': Covid-19 pandemic and challenges of science communications.

(Did not attend)

19. SOCIAL PROCESSES, SOCIAL STRUCTURES AND SOCIAL ALIENATION

Chairman: Baharul Islam Laskar

Title: Social Processes, Structures and Alienation: Implications of Covid-19.

20. SCIENCE, TECHNOLOGY AND SOCIAL DEVELOPMENT

Neither outstation nor local chairperson submitted their papers nor did they deliver.

21. UNITY OF SCIENCE (SCIENCE OF NATURE-HUMAN-SOCIETY)

Chairman: N.P. Chaubey

Title: Indivisibility of Science of Nature-Human-Society.

(II). Presentation of Thematic Panels

Research Papers presentations were held between 1400-1700 hours on march 29-31, 2022 in all the 21 Thematic Panels in their concurrent parallel sessions. The same are given below:

1. Conflicts, War, Peace and Social Security

Local Chairman Dr. E. Syed Mohamed

Convenor Dr. B. Karthikeyan

SPEAKERS:

1. Bilal Ahmad Khan
2. Ch. Divya Sri, M. Jahnavi
3. Tawseef Ahmed Naqishbandi

2. Democracy and Human Rights

Local Chairman Dr. C. Tharini

Convenor Dr. B. Vijayalakshmi

SPEAKERS:

1. B. Sivashanmugavalli
2. Vijayalakshmi B.
3. C. Tharini

4. M. Selvakumar
5. Sarangi Suresh Prasad

3. Ecological and Environment Protection Movements

Local Chairman- Dr. Vasanthi Padmanabhan

Convenor Dr. Priya V.S.

SPEAKERS:

1. Rana Pratap Singh
2. Sudhira C. Jena
3. M.S. Jangra
4. Prakriti Dadial
5. Neha Verma
6. Hephzibah Esther Simon
7. S. Prabha
8. V. Muhamed Ashiq
9. Arshiya Fathima
10. Yamal Gupta
11. Basanta Kumar Behera
12. R. Daulath Banu

4. Ethics of Science and Society

Local Chairman- Dr. K. Srinivasan

Convenor Mr. R. Sudhakaran

Dr. Radha Krishnan

SPEAKERS:

1. Vijay VS, Seyad Ahamed Bashir M.
2. Jayavel S.
3. Mohammed Mohaiyaddin Ebrahim A.R., Hamnth S.R., Divya S.
4. Sveda K.R., Bharath B., Jafia Gracelin E., Swaminathan B.
5. Abhilash Robin Das, Abishek A.
6. Sarath S., Rithish K.
7. Shiva Shankaran K., Shalini P.
8. Dharshinibaskar, Sudarshan S.
9. Gopal Krishna

5. Global Warming and Climate Change

Outstation Chairman- Prof. Baishnab Charan Tripathy

Local Chairman- Dr. S. Kutti Rani

Convenor Dr. S. Bhagavathy

SPEAKERS:

1. P.K. Latha
2. D. Nikitha
3. S. Rekha

6. History of Philosophy of Science

Local Chairman Dr. M. Mohamed Sheik Sirajuddin

Convenor Dr. R. Indirajith

SPEAKERS:

1. V. Ashwin

7. Information Technology, Mass Media and Culture

Local Chairman- Dr. Gufran Ahmad Ansari

Convenor Dr. Mohamed Divan Masood M.

SPEAKERS:

1. Azim Khan M., ruba Sankar S.

08. Labour in Organized and Unorganized Sector

Outstation Chairman- Dr. Minaketan Behera

Local Chairman- Dr. Haider Yasmeen

Convenor Dr. K. Chittibabu

Convenor Dr. Rahila Nelson

SPEAKERS:

1. Minaketan Behera
2. Kali Chittibabu
3. Gabriyalagladys
4. Preethika Sharon A.J., Mohamed Sahin
5. Deivanai R. Mohamed, Aashiq J.

9. Nation-States and Emerging Challenges

Local Chairman- Dr. P. Sheik Abdul Khader

Convenor Dr. A. jayaVenkat

SPEAKERS:

1. Mohsin Fayaz, P. Sheik Abdul Khader, Salliah Shafi, Aamir Altaf
2. Vaijayanthi Srinivasaraghavan, Subramani Ramakrishnan, P. Sheikh Abdul Khader
3. Maheswari P, A. Jaya
4. Priya M., A. Jaya

10. Natural Resources, Biodiversity and Geographic Information System

No Paper

11. Patent Laws and Intellectual Property Rights

No Paper

12. Peoples (Dalits, Tribes, Women, Peasants, etc) Struggle and Movements for Equitable Democratic Society

**Outstation
Chairman** Prof. Yagrti Chinna Rao

**Local
Chairman-** Dr. K. Yogeswari

Convenor Dr. Kannadasan

SPEAKERS:

1. D. Srinivas
2. Suresh Ramavath
3. Yangzom Tsering
4. B. Ramachandra Reddy
5. P. Kumar
6. Suresh Garimella
7. L. David Lal
8. Midhila M.
9. Sudarshana Bhaumik
10. K. Deepanjan
11. Sangita Yadav
12. A.S. Sanya
13. Chandraiah Gopani

13. Peoples Health and Quality of Life

**Local
Chairman** Dr. I.B. ShameemBanu

Convenor Dr. M. Vijayajyanthi

SPEAKERS:

1. A. Mohamed Yousuf, Sumaiya Mubasshara H.
2. R. Santhosh Kumar
3. Shabghaz Afzal
4. Nuzhat Ahmad Yatoo
5. V. Shivani Abirami, D. Annette Beatrice
6. Saima Akther

14. Peasants, Land-use and Livelihood

**Outstation
Chairman-**

**Local
Chairman-** Dr. N. Prakash
Dr. Rajendran

Convenor

Convenor Ms. A. Sonya
Ms. Priya

SPEAKERS:

1. B. Kannadasan
2. K. Yogeswari

15. Political Economy of India

**Local
Chairman-** Dr. Anuradha Raja Prabu

Convenor Dr. RituGangil

SPEAKERS:

1. Keshab Das (online)
2. Binod Kumar Jha
3. N.P. Chaubey
4. Sajad Ahmad Bagow
5. Oly Mishra

16. Population, Poverty and Migration

Local Chairman- Dr. S. Panboli

Convenor Dr. R. Priya

SPEAKERS:

1. S. Sudha
2. Tsering Yangzom

17. Rural Technology, Social Organizations and Rural Development

Local Chairman- Dr. A. S. Selvakumar

Convenor Dr. S. Jeavudeen

SPEAKERS:

1. R. Ganapathi

18. Science Communication and Science Popularization

Local Chairman- Dr. H. SidhiJailani

Convenor Dr. V. Muralidharan

SPEAKERS:

1. R. Mahalakshmi @ Isakki, C. Tharini Chandrapraksam

19. Social Processes, Social Structures and Social Alienation

Outstation Chairman- Prof. Baharul Islam Laskar

Local Chairman- Dr. M.A. Sai Balaji

Convenor Dr. S. Mohamed Iliyas

No Paper

20. Science, Technology and Social Development

No Paper

21. Unity of Science (Science of Nature-Human-Society)

Outstation Chairman- Dr. N.P. Chaubey

Local Chairman- Dr. P.K. Jawahar

Convenor Dr. G. Kannon

No paper

PUBLIC/SPECIAL/MEMORIAL LECTURE

Following Scientists delivered Public/Memorial Lectures:

1. **Sabyasachi Chatterjee**
Title: Scientific Temper and Self Reliance: 75 years of India's Independence
2. **K. Murlidhar**
Title: Philosophy Of Natural Science And A Sociological Analysis Of Current Indian Science.
3. **Ashutosh Sharma**
Title (did not attend): From Invention To Innovation: Closing The Knowledge Circle.
4. **K. Venkatraman**
Title: Biodiversity Of India And Its Social Relevance For Conservation.
5. **P. Sainath**
Theme: Fourth B.V. Rangarao Memorial Lecture
6. **Ravish Kumar**
Theme: First Basant Sarkar Memorial Lectures: ऊर्जा, पर्यावरण और मानसिक स्वस्थ

X ALL INDIA YOUNG SCIENTISTS CONVENTION

The 10th All India Young Scientists Convention could not be held as those who had submitted papers did not attend the XLV Indian Social Science Congress.

TASK FORCE

Task Force of the XLV Indian Social Science Congress could not hold its meeting because of non-availability of appropriate local support.

6. SUMMARY OF DISCUSSION

Trend Report

The deliberations on 'Environment, Energy and Health' by scientists of all subjects of Science of Nature-Human-Society as mentioned in the preceding section showed (a) that there is a positive correlation between 'Environment', 'Energy' and 'Health' and such equilibriums is called 'Ecological Equilibrium between and among all components of Nature-Human-Society (i.e. non-living and living, inorganic and organic, lower life and higher life, etc.), (b) that the ecological equilibrium between and among all components of Nature-Human-Society has been broken beyond repair endangering very existence of life on Planet Earth and (c) that the corona pandemic led problems of health and loss of life at a mass scale in India and other parts of the globe was the result of breakdown of this equilibrium between Environment, Energy and Health including development of biological warfare through so-called biological/virological laboratories under the overall leadership of United States and (d) that such crisis at world scale shall continue increasing in various forms so long as the sovereigns responsible for it do not stop their activities responsible for it. This is well expressed in a phrase 'The business as usual cannot go on', 'There is enough for peoples' needs, but not much for their greed'.

Question arises: why did it happen in Swaraj India? Answer is simple, but difficult to understand.

Instead of walking on the new road of Swaraj carved out by the vision of freedom fighters rooted in the principles of 'equality, freedom and fraternity', Swaraj India resolved to walk on 'British Path of Development' after August 15, 1947. Later this path was described as 'mixed path of development' (capitalist mixed with socialist) rooted in 'Trickle Down Theory' and sought to achieve the two mutually opposite goals through Five Year Plans without stopping the British-borne two mutually opposite social processes, namely, **process of impoverishment of the majority and the process of enrichment of the minority**. Parliament assigned major role to Science and Technology without replacing British Education System through Scientific Policy Resolution in 1958. Swaraj India pursued the path of 'mixed development' through Five Year Plans for 40 years and deserted it 1991 by putting its faith in the path of 'neoliberal capital' rooted in principles of '**Liberalisation, Privatisation and Globalisation**'. Suddenly Swaraj India became a global Village. Five Year Plans lasted till 2014 and was replaced by National Institute of Transformation of India' (NITI Ayog) rooted in the 'Nudge Theory'. Question arises: what is the result of all these? A careful reading of all the papers presented at XLV Indian Social Science Congress shows the following:

- I. Unprecedented increase in the process of desertification through deforestation, mining and industrialization and loss of biodiversity.
- II. Unprecedented increase and spread of pollution of air, water, food and environment.
- III. Unprecedented increase in radiation through Uranium mining, nuclear reactors, satellites, mobiles, computers, etc.
- IV. Very high intensification of the process of impoverishment of the majority and enrichment of the few. Over 90% of population were left with their bare bodies while less than 1% of the total population amassed nearly 80% of the total wealth produced in Swaraj India. Also, over 50% of the wealth productions in Swaraj India went out of India.
- V. Break down of public health and education system under the impact of commodification and privatization.
- VI. High rise in the income of the super-rich and pauperization of the over 90% masses during Corona Pandemic.
- VII. Rapid growth of Waste-mountains in big cities.
- VIII. Unprecedented growth of concrete jungles of his rise building in Urban India.
- IX. Unprecedented impoverishment of Rural India.

Thus Swaraj India got sucked-in by the so-called 'Global Supply Chain' leading to deeper ecological crisis. Desertification-led loss or destruction of Biodiversity and Natural Resources caused woes to the ecological equilibrium so essential for existence, survival and growth of life on Planet Earth.

Question arises: Did people of India and scientists and intelligentsia remain mute spectators and silent partners in it? Answer is, 'no', neither the people nor the scientists/intelligentsia remained silent to destruction of the ecological equilibrium between Nature-Human-Society rooted in the principle of reciprocity and conservation. All forms of protests and movements began against environmental pollution, loss of biodiversity through deforestation, big dams, mining, uranium mines, nuclear reactors, emergence of Hills of wastes in urban areas, plastic led pollution, etc. Quite a number of senior scientists and social thinkers were deeply involved in

all such movements and still many continue writing. But all these had little effect. This is what researches on all issues related to 'Environment, Energy and Health' show.

Question arises: What is the alternative or what is the way out? A careful reading of all the research papers presented at XLVI Indian Social Science Congress does not offer any single solution, perhaps because there is no single solution. What does it mean? It means problem is systemic and systemic problems demand systematic solutions. This is what 'Business as usual cannot go on' means. Phrases like, 'Green Energy', 'Solar Energy', 'Waste Management', 'Sustainable Development', etc. etc. do create illusions but do not have potentiality to solve the colossal /gigantic/systemic crisis created by destruction of Nature-Human-Society equilibrium on what is often termed as 'Ecological crisis'. It is just not possible for all species including human or homosapien to be healthy, happy and survive in the absence of clean environment, healthy food, clean water, clean air, hygienic living conditions, plastic-free social system, etc., etc. This is what the papers presented at XLV Indian Social Science Congress show. Research papers on 'Online Education' show its detrimental effect on health and education, both. Similar effects are produced on health by digital technology, which means so-called 'Digitalisation' of a country be it India or any other is not desirable as it has detrimental physical as well as mental health effects on its users.

What is alarming is marked decline in quality of research in all subjects of Science of Nature-Human-Society demanding immediate curative action on the part of UGC, Ministry of Education, Ministry of Science and Technology and all others concerned with education and research.

7. VALEDICTORY SESSIONS

The Valedictory session of XLV Indian Social Science Congress commenced on April 01, 2023 at 03:00 p.m. and Dr. Venugopal Achanta, the Director of CSIR-National Physical Laboratory, New Delhi was its Chief Guest. Prof. G. Parthasarathy, the President of the Indian Social Science Academy presided over it. Prof. Peer A. Mohamed, the Vice-Chancellor of B.S. Abdur Rahman Crescent Institute of Science and Technology welcomed the Chief Guest and expressed his happiness over hosting the XLV Indian Social Science Congress. Prof. A. Elangovan, the observer of the XLV Indian Social Science Congress, presented a brief report. Prof. T. Harinarayana, the Local Organising Secretary spoke on his impressions of XLV Indian Social Science Congress. Several other dignitaries from B.S. Abdur Rahman Crescent Institute of Science and Technology too spoke. The Chief Guest, Dr. Venugopal Achanta delivered his speech thereafter. Prof. G. Palanithurai, the new President from 2022-23 announced future plan for the XLVI Indian Social Science Congress. He informed the delegates that the 46th Indian Social Science Congress will be held in 2023 at Bharathidasan University, Tiruchirappalli. At the end, Prof. D.M. Diwakar, the General Secretary, Indian Social Science Academy proposed a warm vote of thanks to the Chief Guest, Prof. Venugopal Achanta, Prof. G. Parthasarathy, Prof. G. Palanithurai, Prof. Peer A. Mohamed, Prof. T. Harinarayana and all others for contributing to the successful organization of the XLVI Indian Social Science Congress. He also thanked the B.S. Abdur Rahman Crescent Institute of Science and Technology its chancellor, Vice-chancellor, Registrar, Prof. T. Harinarayana and others for holding the XLVI Indian Social Science Congress. Thereafter, the President declared the 45th session of Indian Social Science Congress.

8. SCHEDULE OF THE SEMINAR

Schedule of the Seminar of XLV Indian Social Science Congress annexed as **Annexure I**.

9. RECOMMENDATIONS

Deliberations on ‘**Environment, Energy and Health**’ in 8 plenaries and 28 subjects Research Committees and 21 interdisciplinary Thematic Panels, five special /public lecture during XLV Indian Social Science Congress showed (a) that equilibrium between Environment, Energy and Health have been broken resulting in severe forms of disease as witnessed during the COVID-19 Corona Pandemic. All kinds of recommendations for restoring the equilibrium between Environment, Energy and health in India were made by the scientists who took part in XLV Indian Social Science Congress. These recommendations suggest systemic change in the hitherto practised paradigm of development during past 75 years in Swaraj India. What it means is processual and structural changes in the present development paradigm. Some of these are as follows:

1. Preservation of Biodiversity and Natural Resources
2. Shift in Agriculture practices from chemical fertiliser, pesticides, etc. to organic agriculture.
3. Radical change in industrial production system
4. Reversal of energy policy and production system
5. Moving away from the policy of privatisation of lands, forest, water, rivers, seas, education and health.
6. Stopping the process of desertification through deforestation.
7. Moving away from digitalisation and nuclearisation.
8. Promoting good scientific education and good health for all Indians.
9. Goodbye to plastics
10. Ensuring clean air, water, radiation-chemical free environment for all irrespective of class, caste, gender, creed and region.
11. Stopping the high rate growth of social alienation, violence, rapes and murders.
12. Stopping the process of impoverishment of majority and enrichment of the few and ensuring good nutritious food, hygienic living conditions to all.
13. Building social harmony in family, community and society rooted in principles of mutual love, respect, sharing and tolerance.

14. Stopping the destruction of rural India as well as the stopping the growth of Urban India.
15. Stopping construction of high rise construction buildings.
16. Reversing the policy of privatisation of Education and health and according top priority to qualitative improvements in Science Education, research and public health system.

These and similar other recommendations that emerged from the papers presented at XLV Indian Social Science Congress if practised, may help Swaraj India and its peoples to overcome the deepening ecological, environmental and health crisis, sooner than expected. What all of us, particularly, those who are deeply involved in policy planning need to realise is that all the problems related to destruction of equilibrium between and among environment, energy and health are **systemic** which can be resolved **only** through **systemic change**.

XLV INDIAN SOCIAL SCIENCE CONGRESS

SCHEDULE OF THE XLV INDIAN SOCIAL SCIENCE CONGRESS

Sunday, March 27, 2022

Time	Session	Venue
0800-2200	REGISTRATION	
1000-1200	JOINT MEETING Of Executive Council And Organising Committee	
1200-1300	PRESS CONFERENCE To be Addressed By PROF. G. PARTHASARATHY President Indian Social Science Academy And PROF. PEER A. MOHAMED Vice-chancellor B.S. Abdur Rahman Crescent Institute of Science and Technology	
1300-1400	LUNCH BREAK	
1400-1430	Free Time	
1430-1730	Joint Meeting of All Chairpersons and Conveners of Research Committees and Thematic Panels	
1545-1600	TEA BREAK	
1730-1830	Visit of All Chairpersons/Conveners to Venues for their deliberation	
1830-1900	TEA BREAK WITH SNACKS	
1900-2000	First Meeting of Task Report	
2000-2200	DINNER By Vice-Chancellor	
1400-2000	CHENNAI DARSHAN FOR OUTSTATION DELEGATES	

XLV Indian Social Science Congress PROGRAMME

Monday, March 28, 2022

Time	Session	Venue
0800-	REGISTRATION	
1000-1240	INAUGURATION	
	10:00am 10:00-10:15am Arrival of Chief Guest Lighting of Lamp And Of garlanding/Institute's song	
	10:15-10:30am 10:30-10:40am Welcome Speech: <i>Peer A. Mohamed, VC</i> Objectives and Issues of XLV ISSC <i>D.M. Diwakar, General Secretary</i>	
	10:40-11:10am Inauguration Speech By Chief Guest: <i>M.N. Rajeevan</i>	
	11:10-11:20am Release of Publications	

	<p>(a) Human Future In Digital Era (b) Social Science Abstracts, Vol. 45, 2021-22 (c) Souvenir</p> <p>11:20-12:00pm Award of Gold Medal by ISSA President -Basant Sarkar Gold Medal: <i>Ravish Kumar</i> -B.V.Rangarao Gold Medal: <i>P. Sainath</i></p> <p>12:00-12:30pm Presidential Address: <i>G. Parthasarathy</i> 12:30-12:40pm Vote of Thanks: <i>T. Harinarayana</i></p>	
1300-1400	LUNCH BREAK	
1400-1700	PARALLEL CONCURRENT SESSIONS OF ALL RESEARCH COMMITTEES/THEMATIC PANELS	
1400-1530	(A) RESEARCH COMMITTEES' CHAIRPERSONS' SPEECHES	
	01. AGRICULTURAL SCIENCE RESEARCH COMMITTEE	
	<p>Chairman: Parvez Qamar Rizvi Title: Conveners: Syed Kamran Ahmad Ziaul Haque Rizwan Ali Ansari</p>	
	02. ANTHROPOLOGY RESEARCH COMMITTEE	
	<p>Chairman: S. Sumathi Title: Convener:</p>	
	03. ARCHAEOLOGY AND HISTORY RESEARCH COMMITTEE	
	<p>Chairman: Vikas Gupta Title: Modern Scientific West and Primitive Cultural East: Perspectives on the impact of Indology on Historiographical and Educational Discourse in India. Chairman: Mohammad Rais Khan Title: Conveners: Sonal Binod Bihari Satpathy</p>	
	04. BIOLOGICAL/LIFE SCIENCE RESEARCH COMMITTEE	
	<p>Chairman I: Wasim Ahmad Title: Belowground biodiversity and their role in soil ecosystem. Chairman II: Karthikeyan Ramalingam Title: Convener: Vimalkumar</p>	
	05. BIOTECHNOLOGY RESEARCH COMMITTEE	
	<p>Chairman: S.M. Shaheedha Title: Convener: V. Sowmya Lakshmi</p>	
	06. CHEMICAL SCIENCE RESEARCH COMMITTEE	
	<p>Chairman I: K. Pandian Title: Chairman II: D. Easwaramoorthy Title: Conveners: D. Ravi Shankaran J. Herbert Mabel</p>	
	07. COMMERCE RESEARCH COMMITTEE	
	Chairman I:	

	Title: Chairman II: Afzalur Rahman Title: Convener: N. Indumathi	
	08. COMMUNICATIONS AND JOURNALISM RESEARCH COMMITTEE	
	Chairman I: I. Arul Aram Title: Studying the Environment using frame analysis. Chairperson II: S. Nagarathinam Title: Convener: S. Hemamalini	
	09. COMPUTER SCIENCE RESEARCH COMMITTEE	
	Chairman: Manohar Lal Title: Emerging technologies, challenging problems and critical role of intellectual: In the age of artificial intelligence and fifth industrial revolution. Chairman: Venkatesan Selvam Title: Conveners: Pawan Chaurasia N. Ayyanathan	
	10. EARTH SCIENCE RESEARCH COMMITTEE	
	Chairman I: Prakash Chauhan Title: Understanding geologic processes on Moon and Mars using remote sensing Data from Indian Planetary Missions. Chairman II: T. Harinarayana Title: Convener: Bulusu Sreenivas K. Kanmani	
	11. ECOLOGICAL AND ENVIRONMENTAL SCIENCE RC	
	Chairman: Rana Pratap Singh Title: Redesigning ecosystems for sustainable development through green cyclic economy. Chairman: Revathi Purushothaman Title: Conveners: Venkatesh Dutta J. Shahitha Parveen	
	12. ECONOMICS RESEARCH COMMITTEE	
	Chairperson I: Bhaskar Majumder Title: Chairperson II: Ayub Khan Dawood Title: Conveners: Kunal Keshri Krupa B. Nair	
	13. EDUCATION RESEARCH COMMITTEE	
	Chairman: V.P.S. Raju Title: Education of the masses: A quest for equity and quality. Chairman: S.K.G. Ganesh Title: Convener: S. Saravanan	
	14. ENGINEERING SCIENCE RESEARCH COMMITTEE	
	Chairman: G. Ezhilarasan Title: Renewable energy generation and challenges for a green world. Chairman: S. Rasool Mohideen Title:	

	Conveners: R. Ravi Kumar A. Arockia Julia	
	15. GEOGRAPHY RESEARCH COMMITTEE	
	Chairman I: A.R. Siddiqui Title: Energy, Environment and Health Chairman II: Title: Convener:	
	16. HOME SCIENCE RESEARCH COMMITTEE	
	Chairman I: Kalpana Gupta Title: Chairperson II: Title: Convener:	
	17. INTERNATIONAL STUDIES OF DEFENSE STUDIES AND STRATEGIC RESEARCH COMMITTEE	
	Chairman I: K.M. Seethi Title: Chairman II: Title: _____ Convener: Ashok Alex Luke	
	18. JURIDICAL SCIENCE RESEARCH COMMITTEE	
	Chairman: Maruthi T.R. Title: An integrated approach to deal with the problem of marine pollution from seabed activities. Chairman: Arab Mohammed Shamiulla Title: Conveners: Rajashekar Sherin Farhana E.V.	
	19. LINGUISTIC RESEARCH COMMITTEE	
	Chairman I: A.R. Fatih Title: Tribal folk songs of sarhul festival: An environmental linguistic perspective. Chairman II: H. Sofia Title: _____ Conveners: Neelam Yadav Haider Yasmeen	
	20. MANAGEMENT SCIENCE RESEARCH COMMITTEE	
	Chairman I: N. Sambasiva Rao Title: Impact of employee wellness programs on employee quality of life in Indian corporate sector. Chairman II: M. Shanmugam Munuswamy Title: _____ Conveners: K. Venkateswarlu Hemalatha J.	
	21. MATHEMATICAL AND STATISTICAL SCIENCE RC	
	Chairman I: Rashmi Bhardwaj Title: _____ Chairman II: S. Srinivasan Title: _____ Convener: C.D. Nandakumar	
	22. MEDICAL AND HEALTH SCIENCE RESEARCH COMMITTEE	

	<p>Chairperson I: Jugal Kishor Title: Chairman II: Haja Nazeer Ahamed Title: _____ Conveners: U. Venkatesh Mohammad Habeeb</p>	
	23. PHILOSOPHY RESEARCH COMMITTEE	
	<p>Chairperson I: M.P. Terence Samuel Title: A materialistic understanding of mutually coevolutionary relationship of nature, human and society. Chairman II: Title: _____ Convener: Dasarath Murmu</p>	
	24. PHYSICAL SCIENCE RESEARCH COMMITTEE	
	<p>Chairman I: Gufran Beig Title: Physics of air quality and climate change in India: From sources to control. Chairman II: M. Basheer Ahamad Title: Convener: Sumit K. Mishra R. Amiruddin</p>	
	25. POLITICAL SCIENCE RESEARCH COMMITTEE	
	<p>Chairman I: Muzaffar Assadi Title: Is India a 'Failed State'? Narrative on the interface between Indian state and Pandemic. Chairman II: Title: Convener:</p>	
	26. PSYCHOLOGY RESEARCH COMMITTEE	
	<p>Chairman: Akbar Hussain Title: Sprituality and spiritual health. Chairman: Syed Khader Ali Title: Convener: Irfan Navadshan</p>	
	27. SOCIAL WORK RESEARCH COMMITTEE	
	<p>Chairman: Nandini Sen Title: Importance of social work in school education in India. Chairman: Title: Convener: Menakshi Bose</p>	
	28. SOCIOLOGY RESEARCH COMMITTEE	
	<p>Chairman: Title: _____ Convener: Nrityanjali Sarmah</p>	
1400-1530	(B) THEMATIC PANELS	
	01. CONFLICTS, WAR, PEACE AND SOCIAL SECURITY	
	<p>Chairman: Dominic Davidappa Title: Chairman: E. Syed Mohamed Title: _____ Convener: B. Karthikeyan</p>	
	02. DEMOCRACY AND HUMAN RIGHTS	

	Chairman: K. Ragu Title: Chairman: C. Tharini Title: Convener: S. Saravanakumar B. Vijayalakshmi	
	03. ETHICS OF SCIENCE AND SOCIAL ETHICS OF MEDICAL AND HEALTH SCIENCE	
	Chairman: Vasanthi Padmanabhan Title: Convener: Priya V.S.	
	04. ETHICS OF SCIENCE AND SOCIETY	
	Chairman: Gopal Krishna Title: Chairman: K. Srinivasan Title: Convener: R. Sudhakaran Radha Krishnan	
	05. GLOBAL WARMING AND CLIMATE CHANGE	
	Chairman: Baishnab Charan Tripathy Title: Chairman: S. Kutti Rani Title: Convener: S. Bhagavathy	
	06. HISTORY OF PHILOSOPHY OF SCIENCE	
	Chairman: M. Mohamed Sheik Sirajuddin Title: Convener: R. Indirajith	
	07. INFORMATION TECHNOLOGY, MASS, MEDIA AND CULTURE	
	Chairman: Gufran Ahmad Ansari Title: _____ Convener: Mohamed Divan Masood M.	
	08. LABOUR IN ORGANISED AND UNORGANISED SECTOR	
	Chairman: Minaketan Behera Title: Chairman: Haider Yasmeeen Title: Convener: K. Chittibabu Rahila Nelson	
	09. NATION-STATES AND EMERGING CHALLENGES	
	Chairman: P. Sheik Abdul Khader Title: Convener: A. Jaya Venkat	
	10. NATURAL RESOURCES, BIODIVERSITY AND GEOGRAPHIC INFORMATION SYSTEM	
	Chairman: J. Revati Title: Convener: P. Gajalakshmi	
	11. PATENT LAWS AND INTELLECTUAL PROPERTY RIGHTS	
	Chairman: M. Parvez Alam Title:	

	Convener: Nisha	
	12. PEOPLES (DALITS, TRIBES, WOMEN, PEASANTS, ETC.) STRUGGLES AND MOVEMENTS FOR EQUITABLE DEMOCRATIC SOCIETY	
	Chairman: Yagrti Chinna Rao Title: Unsung heroes: Dalits and Freedom struggle in Madras Presidency. Chairman: K. Yogeswari Title: Convener: L. David Lal Kannadasan	
	13. PEOPLES HEALTH AND QUALITY OF LIFE	
	Chairman: Diwakar Goli Title: Chairman: I.B. Shameem Banu Title: Convener: M. Vijayajayanthi	
	14. PEASANTS, LAND-USE AND LIVELIHOOD	
	Chairman: N. Prakash & Rajendran Title: Convener: A. Sonya Priya	
	15. POLITICAL ECONOMY OF INDIA	
	Chairman: Keshab Das Title: Degrowth and localization: Sustaining nature and democracy in India. Chairman: Anuradha Raja Prabu Title: Convener: Ritu Gangil	
	16. POPULATION, POVERTY AND MIGRATION	
	Chairman: S. Pnaboli Title: Convener: R. Priya	
	17. RURAL TECHNOLOGY, SOCIAL ORGANISATIONS AND RURAL DEVELOPMENT	
	Chairman: A.S. Selvakumar Title: Convener: S. Jeavudeen	
	18. SCIENCE COMMUNICATION AND SCIENCE POPULARIZATION	
	Chairman: T.V. Venkateswaran Title: Beyond 'Fact Check': Covid-19 pandemic and challenges of science communications. Chairman: H. Siddhi Jailani Title: Convener: Rayies Altaf V. Muralidharan	
	19. SOCIAL PROCESSES, SOCIAL STRUCTURES AND SOCIAL ALIENATION	
	Chairman: Baharul Islam Laskar Title: Social Processes, Structures and Alienation: Implications of Covid-19. Chairman: M.A. Sai Balaji Title: Convener: S. Mohamed Iliyas	

	20. SCIENCE, TECHNOLOGY AND SOCIAL DEVELOPMENT	
	Chairman: A.P. Rao Title: Chairman: P.N. Kadiresh Title: Convener: S.V. Karthikeyan	
	21. UNITY OF SCIENCE (SCIENCE OF NATURE-HUMAN-SOCIETY)	
	Chairman: N.P. Chaubey Title: Indivisibility of Science of Nature-Human-Society. Chairman: P.K. Jawahar Title: Convener: G. Kannon	
1430-1700	X ALL INDIA YOUNG SCIENTISTS CONVENTION	
	Chairman: J.S. Chauhan Co-chairman: Asha Jonshi Chief Guest: Ashutosh Sharma Theme: Guest of Honour: K. Murlidhar Convener: Bulusu Srinivas	
1530-1545	TEA BREAK	
1545-1700	PARALLEL CONCURRENT SESSIONS OF RESEARCH COMMITTEES/THEMATIC PANELS	
1545-1700	(A) RESEARCH COMMITTEE: Presentation of Papers/Special Lectures	
	01. AGRICULTURAL SCIENCE RESEARCH COMMITTEE	
	Chairman: Parvez Qamar Rizvi Conveners: Syed Kamran Ahmad Ziaul Haque Rizwan Ali Ansari Speakers: Tamanna Arif H.R. Bhoomika Manasa R. Hegde Pooja S. Murthy B. Hemla Naik	
	02. ANTHROPOLOGY RESEARCH COMMITTEE	
	Chairman: S. Sumathi Convener: Speakers:	
	03. ARCHAEOLOGY AND HISTORY RESEARCH COMMITTEE	
	Chairman: Vikas Gupta Chairman: Mohammad Rais Khan Conveners: Sonal Binod Bihari Satpathy Speakers: Syed Adil Zaid Akhter Md. Sahidul Islam Femila Alexander S. Hameed Kadar Ali G. Anjaiah Asharafunisha Anupriya Biswas Biresh Chaudhuri	
	04. BIOLOGICAL/LIFE SCIENCE RESEARCH COMMITTEE	

	<p>Chairman: Wasim Ahmad Chairman: Karthikeyan Ramalingam Conveners: Vimalkumar Speakers: Eyram Hamid Gulfishan Mohd Rayees Afzal Mir Syed Asif Hussain Fatima Shabir Mehnaz Aijaza Vaishalee Panse</p>	
	05. BIOTECHNOLOGY RESEARCH COMMITTEE	
	<p>Chairman: S.M. Shaheedha Conveners: V. Sowmya Lakshmi Speakers: Dwarakesh Anandh Deepak G. Neelmia Sreerama Rajasekhar S.K. Sridhar</p>	
	06. CHEMICAL SCIENCE RESEARCH COMMITTEE	
	<p>Chairman: K. Pandian & D. Easwaramoorthy Conveners: D. Ravi Shankaran J. Herbert Mabel Speakers: Iffath Badsha Renjith R. Kumar T. Devasena Sumathi Ethiraj Yimtar L. Pongen Punam G. Gupta R.H. Gupta W.B. Gurnule Renjith R. Kumar Iffath Badsha T. Devasena</p>	
	07. COMMERCE RESEARCH COMMITTEE	
	<p>Chairman: Afzalur Rahman Convener: N. Indumathi Speakers: N.A. Arshiya Afrin K. Catherine R. Radhika A. Fathima S. Farzana Gayathri Harikumar Ifra Fathima</p>	
	08. COMMUNICATIONS AND JOURNALISM RESEARCH COMMITTEE	
	<p>Chairman: I. Arul Aram & S. Nagarathinam Convener: S. Hemamalini Speakers: J.H. Akash A. Amalan Arokiaraj Srujan Gannavarapu Parama Gupta Rashmi Jain</p>	
	09. COMPUTER SCIENCE RESEARCH COMMITTEE	
	<p>Chairman: Manohar Lal & Venkatesan Selvam Convener: Pawan Chaurasia & N. Ayyanathan</p>	

	<p>Speakers: Mohammad Afrin Shahbaz Afzal G. Kavitha Naushad Ahmad Pawan Kumar Chaurasia Vipin Kumar Nabeena Ameen Shabaz Afzal T. Anilsagar S. Venkatesan R. Anitha V. Jean Shilpa S. Anusooya G. Anish Kumar</p>	
	10. EARTH SCIENCE AND PLANETRY SCIENCE RC	
	<p>Chairman: Prakash Chauhan & T. Harinarayana Convener: Bulusu Sreenivas & K. Kanmani Speakers: Shakeel Ahmed Saneem Fatima Vineet K. Gahalaut T. Harinarayana Subhamoy Jana William Kumar Mohanty Saibal Gupta Bhaskar Kundu Dibyashakti Panda Naresh Krishna Vissa Bhishma Tyagi O.P. Pandey</p>	
	11. ECOLOGICAL AND ENVIRONMENTAL SCIENCE RC	
	<p>Chairman: Rana Pratap Singh & Revathi Purushothaman Convener: Venkatesh Dutta & J. Shahitha Parveen Speakers: Prakriti Dadial M.S. Jangra Neha Verma S.K. Bhardwaj Sushil Kumar Diptimayee Nayak P.K. Latha Vidhya Venugopal</p>	
	12. ECONOMICS RESEARCH COMMITTEE	
	<p>Chairman: Bhaskar Majumdar & Ayub Khan Dawood Convener: Kunal Keshri & Krupa B. Nair Speakers: Chandra Sekhar Bahinipati Rahul A. Sirohi Sagarika S. Rao D.M. Diwakar Sachin Gupta</p>	
	13. EDUCATION RESEARCH COMMITTEE	
	<p>Chairman: V.P.S. Raju & S.K.G. Ganesh Convener: S. Saravanan Speakers: Shaikh Heeba Akil Sofia Edroos Shaikh Alshifa Jyotsana Sangore Afia Iftekhar Ansari</p>	

	<p>Bushra Mohd Aamir Ansari Kaniz Fatma Mohd Athar Ansari Taiyeba Firoz Ansari T. Anuradha S. Vijayakumar</p>	
	14. ENGINEERING SCIENCE RESEARCH COMMITTEE	
	<p>Chairman: G. Ezhilarasan & S. Rasool Mohideen Convener: R. Ravi Kumar & A. Arockia Julia Speakers: Mohamed K. Bak Ashfaaq Ahamed Nadeem Farhan Haafiz Mohamed Rifaath K. Kalaichelvan Abdur Rahman Serajul Haque S. Chitra</p>	
	15. GEOGRAPHY RESEARCH COMMITTEE	
	<p>Chairman: A.R. Siddiqui Convener: Speakers: Wani Suhail Ahmad Saleha Jamal Uzma Ajmal Md. Ashif Ali Md. Babor Ali Peer Jeelani Farzana Ahad Shamim Ahmad Shah Huma Rashid Nazia Banoo</p>	
	16. HOME SCIENCE RESEARCH COMMITTEE	
	<p>Chairman: Kalpana Gupta Convener: Speakers: Shivani Abirami Annetee D. Beatrice Y. Ismail L.H. Thameemul Ansari Haji Nazeer Ahamed M. Vijaya Vara Prasad</p>	
	17. INTERNATIONAL STUDIES OF DEFENSE STUDIES AND STRATEGIC RESEARCH COMMITTEE	
	<p>Chairman: K. M. Seethi Convener: Ashok Alex Luke Speakers: Javed Alam Saima Azim</p>	
	18. JURIDICAL SCIENCE RESEARCH COMMITTEE	
	<p>Chairman: Maruthi T.R. & Arab Mohammed Shamiulla Convener: Neelam Yadav & Haider Yasmeen Speakers:</p>	
	19. LINGUISTICS RESEARCH COMMITTEE	
	<p>Chairman: A.R. Fatihi & H. Sofia Convener: Neelam Yadav & Haider Yasmeen Speakers: Minakshi Paul</p>	

	<p>Debajit Goswami Om Prakash Rajesh Kumar</p>	
	20. MANAGEMENT SCIENCE RESEARCH COMMITTEE	
	<p>Chairman: N. Sambasiva Rao & M. Shanmugam Munuswamy Convener: K. Venkateswarlu & Hamalatha J. Speakers: Ben Ebo Attom Afzalur Rahman K. Venkateswarlulu M.L.N. Acharyulu A. Avinash K. Chaitanya N. Vekata Akhil Magdalena Colaco J. Vidya</p>	
	21. MATHEMATICAL AND STATISTICAL SCIENCE RC	
	<p>Chairman: Rashmi Bhardwaj & S. Srinivasan Convener: C.D. Nandakumar Speakers: Emmanuel Aidoo S. Srinivasan C.D. Nandakumar Julaika K. Begum Sindhu J. Kumaar D. Hebsiba Beula S. Srinivasan S. Deepika P. Arathi</p>	
	22. MEDICAL AND HEALTH SCIENCE RESEARCH COMMITTEE	
	<p>Chairman: Jugal Kishor & Haja Nazeer Ahamed Convener: U. Venkatesh & Mohammad Habeeb Speakers: G. Abirami C. Ramprasath J. Munjanathan Preksha Prakash Rizwana M. Sultanan P. Padma Gyathri S. Sangeetha S. Hameed Ali Wasim Ali Raja Anand P. Ambali Sridhar Patil B.T. Santhosh Thameemul L.H. Ansari Addepalli Sandhya Y. Ismail Nazeer Ahamed Vijaya Vara M. Prasad</p>	
	23. PHILOSOPHY RESEARCH COMMITTEE	
	<p>Chairman: M.P. Terence Samuel Convener: Dasarath Murmu Speakers: S. Hameed Kada Ali Anumol T. Babu A.M. Fousiya Monoshree Ghosh Fatema Khatun Biju P. Koonathan</p>	

	S. Keerthana Kumar Monoshree	
	24. PHYSICAL SCIENCE RESEARCH COMMITTEE	
	Chairman: Gufran Beig & M. Basheer Ahamad Convener: Sumit K. Mishra & R. Amiruddin Speakers: K. Amuthaa R. Kumuthinib V. Bala Manikandan Renuka D. Devee B. Praveena R. Ranjani C. Karnan T. Sivanesan D. Pourkodee	
	25. POLITICAL SCIENCE RESEARCH COMMITTEE	
	Chairman: Muzaffar Assadi Convener: Speakers: Chitrasmita Bhattacherya Ayan Das Debajit Goswami Shabana Farheen	
	26. PSYCHOLOGY RESEARCH COMMITTEE	
	Chairman: Akbar Hussain & Syed Khader Ali Convener: Irfan Navadshan Speakers: Sheeba Ali Rabia M. Begum H. Sofia Swaha Bhattacharya Liyan G. Biju S. Vijayakumar Punita Borpujari Deori Thogiram Gogoi Anubhuti Dubey Sujeet Kumar Dubey	
	27. SOCIAL WORK RESEARCH COMMITTEE	
	Chairman: Nandini Sen Convener: Menakshi Bose Speakers: Sumiya Din Saima Farhad	
	28. SOCIOLOGY	
	Chairman: Convener: Nrityanjali Sarmah Speakers: Binodini Das Biju Patanaik T.R. Gogoi Anurag Hazarika Samikshya Madhukullya Reeta Jaiswal Ajaz Ahmad Lone Safeeya Wahid	
	THEMATIC PANELS	
	01. CONFLICTS, WAR, PEACE AND SOCIAL SECURITY	
	Chairman: Dominic Davidappa & E. Syed Mohamed	

	Convener: B. Karthikeyan Speakers: Bilal Ahmad Khan	
	02. DEMOCRACY AND HUMAN RIGHTS	
	Chairman: K. Ragu & C. Tharini Convener: S. Saravanakumar A. Vijayalakshmi Speakers: Rabia M. Begum H. Sofia Faisal Ahmad Peer Momin Ali	
	03. ECOLOGICAL AND ENVIRONMENT PROTECTION MOVEMENTS	
	Chairman: Vasanthi Padmanabhan Convener: Priya V.S. Speakers: Sudhira C. Jena	
	04. ETHICS OF SCIENCE AND SOCIETY	
	Chairman: Gopal Krishna & K. Srinivasan Convener: R. Sudhakaran Radha Krishnan Speakers: S.R. Hemanth S. Divya Mohammed Mohaiyaddin A.R. Ebrahim	
	05. GLOBAL WARMING AND CLIMATE CHANGE	
	Chairman: Baishnab Charan Tripathy & S. Kutti Rani Convener: S. Bhagavathy Speakers: Nazia Banoo Jagannatha Venkataramaiah	
	06. HISTORY OF PHILOSOPHY OF SCIENCE	
	Chairman: M. Mohamed Sheik Sirajuddin Convener: R. Indirajith Speakers:	
	07. INFORMATION TECHNOLOGY, MASS, MEDIA AND CULTURE	
	Chairman: Gufran Ahmad Ansari Convener: Mohamed Divan Masood M. Speakers: A. Sonya A. Mohamed Yousuf H. Sumaiya Mubasshara	
	08. LABOUR IN ORGANISED AND UNORGANISED SECTOR	
	Chairman: Minaketan Behera & Haider Yasmeen Convener: K. Chittibabu Rahila Nelson Speakers: Aastha Firoz Alam Kali Chittibabu	
	09. NATION-STATES AND EMERGING CHALLENGES	
	Chairman: P. Sheik Abdul Khader Convener: A. Jaya Venkat Speakers: Aamir Shiekh	
	10. NATURAL RESOURCES, BIODIVERSITY AND GEOGRAPHIC INFORMATION SYSTEM	
	Chairman: J. Revati Convener: P. Gajalakshmi	

	Speakers:	
	11. PATENT LAWS AND INTELLECTUAL PROPERTY RIGHTS	
	Chairman: M. Parvez Alam Convener: Nisha Speakers: Tamileselvi Jagadeesan	
	12. PEOPLES (DALITS, TRIBES, WOMEN, PEASANTS, ETC.) STRUGGLES AND MOVEMENTS FOR EQUITABLE DEMOCRATIC SOCIETY	
	Chairman: Yagrti Chinna Rao & K. Yogeswari Convener: L. David Lal Kannadasan Speakers: Sudarshana Bhaumik K. Deepanjan Suresh Garimella Chandraiah Gopani	
	13. PEOPLES HEALTH AND QUALITY OF LIFE	
	Chairman: Diwakar Goli & I.B. Shameem Banu Convener: M. Vijayajyanthi Speakers: Sajad Ahmad Bagow Amir Ahmad Dar N. Anuradha Madhusudhan B. Joshi S. Jambulingam	
	14. PEASANTS, LAND-USE AND LIVELIHOOD	
	Chairman: N. Prakash & Rajendran Convener: A. Sonya Priya Speakers:	
	15. POLITICAL ECONOMY OF INDIA	
	Chairman: Keshab Das & Anuradha Raja Prabu Convener: Ritu Gangil Speakers: Priyanthi Bagchi Asim K. Karmakar Debajit Goswami N.P. Chaubey	
	16. POPULATION, POVERTY AND MIGRATION	
	Chairman: S. Pnaboli Convener: R. Priya Speakers: Sukriti	
	17. RURAL TECHNOLOGY, SOCIAL ORGANISATIONS AND RURAL DEVELOPMENT	
	Chairman: A.S. Selvakumar Convener: S. Jeavudeen Speakers: R. Ganapathi T. Harinarayana Syed Noman	
	18. SCIENCE COMMUNICATION AND SCIENCE POPULARIZATION	
	Chairman: T.V. Venkateswaran & H. Siddhi Jailani Convener: Rayies Altaf V. Muralidharan	
	19. SOCIAL PROCESSES, SOCIAL STRUCTURES AND SOCIAL	

	ALIENATION	
	Chairman: Baharul Islam Laskar & M.A. Sai Balaji Convener: S. Mohamed Iliyas Speakers: S. Maya S.J. Rohnara	
	20. SCIENCE, TECHNOLOGY AND SOCIAL DEVELOPMENT	
	Chairman: A.P. Rao & P.N. Kadiresh Convener: S.V. Karthikeyan Speakers:	
	21. UNITY OF SCIENCE (SCIENCE OF NATURE-HUMAN-SOCIETY)	
	Chairman: N.P. Chaubey & P.K. Jawahar Convener: G. Kannon Speakers:	
1700-1800	PUBLIC LECTURE I	
	Chairman: Guest Speaker: Ravish Kumar Theme: Rapporteur: G. Shankar	
1800-1900	PUBLIC LECTURE II	
	Chairman: Guest Speaker: Theme: Rapporteur:	
1900-2030	TASK FORCE MEETING	
2030-2130	RECEPTION DINNER BY CHANCELLOR	

XLV Indian Social Science Congress PROGRAMME Tuesday, March 29, 2022

Time	Session	Venue
0900-1100	PLENARY I : ENVIRONMENT, ENERGY AND HEALTH	
	Chairman : G. Parthasarathy Speaker I : S.G. Vombatkere (online) Theme : The Entropic 'Dance' Of Mass And Energy. Speaker II : Sankar Kumar Nath Theme : Site-Specific Surface-Consistent Seismic Hazard And Disaster Modelling In The Seismotectonic Ensemble Of Kashmir Himalaya To Northeast India Including Nepal, Bangladesh And Bhutan At The Backdrop Of Bedrock Level Probabilistic Seismic Hazard Of India. Speaker III: Kala Chand Sain Theme: Geo-Hazards And Geore sources In The Himalaya. Discussant : Venugopal Achanta Rapporteurs : G. Shankar And R. Ravikumar	
1100-1115	TEA BREAK	
1115-1315	PLENARY II : ENVIRONMENT, ENERGY AND HEALTH	
	Chairman : N.P. Chaubey Speaker I : Rajindra Chaudhary Theme : Conventional Farming Adversely Impacts Environment, Energy And Health: Self-Reliant Organic Farming Contributes To Protection Of All. Speaker II : C.T. Anita Theme : Impact Of Industries On Environment, Energy And Health. Speaker III : Prakash V. Diwan	

	Theme : Nano Technology Health Care: The Power Of Small And Its Concerns: Th Next Big Innovations Are Really Tiny. Discussants : D.M. Diwakar Rapporteurs : G. Shankar And R. Ravikumar	
1315-1400	LUNCH BREAK	
1400-1430	FREE TIME	
1430-1750	PARALLEL CONCURRENT SESSIONS OF RESEARCH COMMITTEES AND THEMATIC PANELS	
	(A) RESEARCH COMMITTEES	
	01. AGRICULTURAL SCIENCE RESEARCH COMMITTEE	
	Chairman: Parvez Qamar Rizvi Conveners: Syed Kamran Ahmad Ziaul Haque Rizwan Ali Ansari Speakers: R.K. Panse Om Prakash P. Kumaravel Vimal N. Rajkumar P. Vignehvaran G. Senthil Kumar J. Ganesh	
	02. ANTHROPOLOGY RESEARCH COMMITTEE	
	Chairman: S. Sumathi Convener: Speakers:	
	03. ARCHAEOLOGY AND HISTORY RESEARCH COMMITTEE	
	Chairman: Vikas Gupta Chairman: Mohammad Rais Khan Conveners: Sonal Binod Bihari Satpathy Speakers: S. Deepika S. Sriranjani G.M. Dhanalakshmi S. Roshan Fathima Bratati Hore Lakshmi Jayakumar Shrishti D. A. Khanna Abhishek Kumar Sanjeev Kumar	
	04. BIOLOGICAL/LIFE SCIENCE RESEARCH COMMITTEE	
	Chairman: Wasim Ahmad Chairman: Karthikeyan Ramalingam Conveners: Vimalkumar Speakers: K. Pugazhendy K. Murugan	
	05. BIOTECHNOLOGY RESEARCH COMMITTEE	
	Chairman: S.M. Shaheedha Conveners: V. Sowmya Lakshmi Speakers:	
	06. CHEMICAL SCIENCE RESEARCH COMMITTEE	
	Chairman: K. Pandian & D. Easwaramoorthy Conveners: D. Ravi Shankaran J. Herbert Mabel	

	<p>Speakers: Preeti Mishra W.B. Gurnule Gobi Nallathambi Monnisha Ganesan V. Ramar S. Ponsubbiah</p>	
	07. COMMERCE RESEARCH COMMITTEE	
	<p>Chairman: Afzalur Rahman Convener: N. Indumathi Speakers: A. Harikumar R. Mary Angelin Santhya Krupa B. Nair N. Indumathi S. Farzana</p>	
	08. COMMUNICATIONS AND JOURNALISM RESEARCH COMMITTEE	
	<p>Chairman: I. Arul Aram & S. Nagarathinam Convener: S. Hemamalini Speakers: Vivek Nagarajan I. Arul Aram J.S. Nishanthi S. Hemamalini B. Priya S. Lekshmi Priya Satish Radhakrishnan Lavanya Rajendran</p>	
	09. COMPUTER SCIENCE RESEARCH COMMITTEE	
	<p>Chairman: Manohar Lal & Venkatesan Selvam Convener: Pawan Chaurasia & N. Ayyanathan Speakers: G. Aruna Arumugam Sudha Rajesh Faisal Nazir Bhat Sandeep Chatterjee D.S. Thakur K. Chitra Chanda Chouhan Monika Saxena Farukh Hashmi J. Dhanalakshmi N. Ayyanathan G. Matheen Fathima R. Priyadarshini Latha Tamilselvan Mohin Fayaz P. Sheik Abdul Khader Sallaih Shafi Aamir Altaf</p>	
	10. EARTH SCIENCE AND PLANETRY SCIENCE RC	
	<p>Chairman: Prakash Chauhan & T. Harinarayana Convener: Bulusu Sreenivas & K. Kanmani Speakers: O.P. Pandey G. Parthasarathy Abhishek Saha Bhaskar J. Saikia Rashmi R. Borah</p>	

	11. ECOLOGICAL AND ENVIRONMENTAL SCIENCE RC	
	<p>Chairman: Rana Pratap Singh & Revathi Purushothaman Convener: Venkatesh Dutta & J. Shahitha Parveen Speakers: D. Nikitha R. Balakrishnan Balaji Gummidi Oommen John Shanmugam Rekha P.K. Latha Vivekanand Jha Vidhya Venugopal Rajeswari S. Raina</p>	
	12. ECONOMICS RESEARCH COMMITTEE	
	<p>Chairman: Bhaskar Majumdar & Ayub Khan Dawood Convener: Kunal Keshri & Krupa B. Nair Speakers: Pramod Kumar Krupa B. Nair N. Indumathi S. Farzana Ashraf Pulikkamath Tsering Yangzom</p>	
	13. EDUCATION RESEARCH COMMITTEE	
	<p>Chairman: V.P.S. Raju & S.K.G. Ganesh Convener: S. Saravanan Speakers: Syliva Dias Asha Mridul Rajarethinam Emmanuel Shaikh Farheen Jyotsana Sangore Burahanpurwala Fatema Sofia Edroos Faiqa Faisal Kazi Ishrat Jahan Mohamed Wasi Khan Sadiya Khan Rubina Hans Shakeel Ahmed Khan Asha Mridul Nameera Loladiya S. Anusooya S. Karthik Shamini James R. Anitha V. Jeanshilpa Tirupathi Kishore Babu Liyan Biju S. Vijayakumar</p>	
	14. ENGINEERING SCIENCE RESEARCH COMMITTEE	
	<p>Chairman: G. Ezhilarasan & S. Rasool Mohideen Convener: R. Ravi Kumar & A. Arockia Julia Speakers: Ankith M. Gowda S. Harshith C. Kavya N. Likhitha V. Nagabushan M. Vidya</p>	

	<p>Serajul Haque M. Abdur Rahman Sirajudeen Mohamed Bak Kamaludeen Hayathri Iyer Ravi Kumar V. Parameshwari Y. Shreya R. Sheetal P. Vaishnavi P. Balaji R. Bhavana Ravi Kumar A. Eakambaram S. Sivakumar M. Aparna Gayathri S. Sangeetha</p>	
	15. GEOGRAPHY RESEARCH COMMITTEE	
	<p>Chairman: A.R. Siddiqui Convener: Speakers: Zahid Kamal Mariya Zeba Khanam</p>	
	16. HOME SCIENCE RESEARCH COMMITTEE	
	<p>Chairman: Kalpana Gupta Convener: Speakers: V. Vijaya Kumar Y. Ismail M. Vijaya Vara Prasad R. Durga Prayadarshini D. Annette Beatrice M. Srinivasan Y. Ismail Vijaya Vara M. Prasad</p>	
	17. INTERNATIONAL STUDIES OF DEFENSE STUDIES AND STRATEGIC RESEARCH COMMITTEE	
	<p>Chairman: K. M. Seethi Convener: Ashok Alex Luke Speakers: Penpa Dhundup Kishore Jose Jutin Johnson Ashok Alex Luke Duggirala Srikrishna</p>	
	18. JURIDICAL SCIENCE	
	<p>Chairman: Maruthi T.R. & Arab Mohammed Shamiulla Convener: Neelam Yadav & Haider Yasmeen Speakers:</p>	
	19. LINGUISTICS RESEARCH COMMITTEE	
	<p>Chairman: A.R. Fatihi & H. Sofia Convener: Neelam Yadav & Haider Yasmeen Speakers: G. Sathya S. Barathi</p>	

	20. MANAGEMENT SCIENCE RESEARCH COMMITTEE	
	Chairman: N. Sambasiva Rao & M. Shanmugam Munuswamy Convener: K. Venkateswarlu & Hamalatha J. Speakers: Solomon Tawiah Yeboah Haider Yameen B. Ziauddin	
	21. MATHEMATICAL AND STATISTICAL SCIENCE RC	
	Chairman: Rashmi Bhardwaj & S. Srinivasan Convener: C.D. Nandakumar Speakers: M. Anees Fathima C.D. Nandakumar S. Srinivasan T. Anitha Kumari B. Venkateswarlu A. Akilbasha S. Baby Latha C.D. Kumar S. Srinivisan J. Leo C.D. Nanda Kumar	
	22. MEDICAL AND HEALTH SCIENCE RESEARCH COMMITTEE	
	Chairman: Jugal Kishor & Haja Nazeer Ahamed Convener: U. Venkatesh & Mohammad Habeeb Speakers: D. Anusha E. Susithra M. Vijaya Vara Prasad A. Farhana Begam RAM Jainaf Nachiya Rukaiah Fatma Begum M. Sumithra	
	23. PHILOSOPHY RESEARCH COMMITTEE	
	Chairman: M.P. Terence Samuel Convener: Dasarath Murmu Speakers: Saraswathy G.S. Nair Dasarath Murmu S.K. Nijamutullah Dipjoya Paul	
	24. PHYSICAL SCIENCE RESEARCH COMMITTEE	
	Chairman: Gufran Beig & M. Basheer Ahamad Convener: Sumit K. Mishra & R. Amiruddin Speakers: Rayees Ahmad Khan G.V. Vijayaraghavan Shabir Ahmad Akhoun Seemin Rabab T. Gokul Khanth I. Raja Mohamed	
	25. POLITICAL SCIENCE RESEARCH COMMITTEE	
	Chairman: Muzaffar Assadi Convener: Speakers: Debajit Goswami Priyanthi Bagchi Justin Joseph Rohidas Mundhe	

	26. PSYCHOLOGY RESEARCH COMMITTEE	
	Chairman: Akbar Hussain & Syed Khader Ali Convener: Irfan Navadshan Speakers: Ifra I. Fathima Naved Iqbal Riya Kartikee Uday Shankar Satyendra Dutt Mishra S. Muthulakshmi P. Devi Pooja Deepti Hooda Nov Rattan Sharma M.V.R. Raju Arun Sangwan Anjali Malik	
	27. SOCIAL WORK RESEARCH COMMITTEE	
	Chairman: Nandini Sen Convener: Menakshi Bose Speakers:	
	28. SOCIOLOGY RESEARCH COMMITTEE	
	Chairman: Convener: Nrityanjali Sarmah Speakers: Sylvia Raha Arya Ratan Aparna Parishmita Saikia Thagiram Gogoi	
	(B) THEMATIC PANELS	
	01. CONFLICTS, WAR, PEACE AND SOCIAL SECURITY	
	Chairman: Dominic Davidappa & E. Syed Mohamed Convener: B. Karthikeyan Speakers: Karamala Areesh Kumar Niranjana R. Nair	
	02. DEMOCRACY AND HUMAN RIGHTS	
	Chairman: K. Ragu & C. Tharini Convener: S. Saravanakumar A. Vijayalakshmi Speakers: Suresh Prasad Sarangi	
	03. ECOLOGICAL AND ENVIRONMENT PROTECTION MOVEMENTS	
	Chairman: Vasanthi Padmanabhan Convener: Priya V.S. Speakers: Kausar Tasneem Sumi Mary Thomas	
	04. ETHICS OF SCIENCE AND SOCIETY	
	Chairman: Gopal Krishna & K. Srinivasan Convener: R. Sudhakaran Radha Krishnan Speakers:	
	05. GLOBAL WARMING AND CLIMATE CHANGE	
	Chairman: Baishnab Charan Tripathy & S. Kutti Rani Convener: S. Bhagavathy	

	Speakers: Neha Verma M.S. Jangra Prakriti Dadial	
	06. HISTORY OF PHILOSOPHY OF SCIENCE	
	Chairman: M. Mohamed Sheik Sirajuddin Convener: R. Indirajith Speakers:	
	07. INFORMATION TECHNOLOGY, MASS, MEDIA AND CULTURE	
	Chairman: Gufran Ahmad Ansari Convener: Mohamed Divan Masood M. Speakers:	
	08. LABOUR IN ORGANISED AND UNORGANISED SECTOR	
	Chairman: Minaketan Behera & Haider Yasmeen Convener: K. Chittibabu Rahila Nelson Speakers: Chirag Dash Tejasvi Kamboj Ajeet Kumar Ankit K. Singh Uma Shanker Singh	
	09. NATION-STATES AND EMERGING CHALLENGES	
	Chairman: P. Sheik Abdul Khader Convener: A. Jaya Venkat Speakers:	
	10. NATURAL RESOURCES, BIODIVERSITY AND GEOGRAPHIC INFORMATION SYSTEM	
	Chairman: J. Revati Convener: P. Gajalakshmi Speakers:	
	11. PATENT LAWS AND INTELLECTUAL PROPERTY RIGHTS	
	Chairman: M. Parvez Alam Convener: Nisha Speakers:	
	12. PEOPLES (DALITS, TRIBES, WOMEN, PEASANTS, ETC.) STRUGGLES AND MOVEMENTS FOR EQUITABLE DEMOCRATIC SOCIETY	
	Chairman: Yagrti Chinna Rao & K. Yogeswari Convener: L. David Lal Kannadasan Speakers: P. Kumar L. David Lal M. Midhila Suresh Ramavath Y. Chinna Rao B. Rama Chandra Reddy A.S. Sanya S.I. Muththamizh Selvi D. Srinivas	

	A. Sulochana Sangita Yadav	
	13. PEOPLES HEALTH AND QUALITY OF LIFE	
	Chairman: Diwakar Goli & I.B. Shameem Banu Convener: M. Vijayajyanthi Speakers: Archana Kumari Anil Nath Nazia Parveen Chetna Sharma Rajput	
	14. PEASANTS, LAND-USE AND LIVELIHOOD	
	Chairman: N. Prakash & Rajendran Convener: A. Sonya Priya Speakers:	
	15. POLITICAL ECONOMY OF INDIA	
	Chairman: Keshab Das & Anuradha Raja Prabu Convener: Ritu Gangil Speakers: Shailender Kumar Hooda Binod Kumar Jha M. Manjula R. Rengalakshmi Hastimal Sagara Prasanna Surathkal Shruthi Suripeddi Amalendu Jyotishi Ramachandra Bhatta	
	16. POPULATION, POVERTY AND MIGRATION	
	Chairman: S. Pnaboli Convener: R. Priya Speakers:	
	17. RURAL TECHNOLOGY, SOCIAL ORGANISATIONS AND RURAL DEVELOPMENT	
	Chairman: A.S. Selvakumar Convener: S. Jeavudeen Speakers:	
	18. SCIENCE COMMUNICATION AND SCIENCE POPULARIZATION	
	Chairman: T.V. Venkateswaran & H. Siddhi Jailani Convener: Rayies Altaf V. Muralidharan	
	19. SOCIAL PROCESSES, SOCIAL STRUCTURES AND SOCIAL ALIENATION	
	Chairman: Baharul Islam Laskar & M.A. Sai Balaji Convener: S. Mohamed Iliyas Speakers:	
	20. SCIENCE, TECHNOLOGY AND SOCIAL DEVELOPMENT	
	Chairman: A.P. Rao & P.N. Kadiresh Convener: S.V. Karthikeyan Speakers:	

	21. UNITY OF SCIENCE (SCIENCE OF NATURE-HUMAN-SOCIETY)	
	Chairman: N.P. Chaubey & P.K. Jawahar Convener: G. Kannon Speakers:	
1700-1800	PUBLIC LECTURE III	
	Chairman: S. Chatterjee Title: Scientific temper and self reliance: 75 Years of India's Independence Rapporteur: G. Shankar and R. Ravikumar	
1800-1930	47TH ISSA ANNUAL GENERAL BODY MEETING	
1930-2030	TASK FORCE MEETING	
2030-2130	DINNER	

XLV Indian Social Science Congress PROGRAMME Wednesday, March 30, 2022

Time	Session	Venue
0900-1100	PLENARY III : ENVIRONMENT, ENERGY AND HEALTH	
	Chairman : V.N. Bhoraskar Speaker I : Prakash Burte Theme : Nuclear Energy Through A Double Lens Of Its Genesis And As An Energy Option. Speaker II : H. Paramesh Theme : Environment, Energy, And Health. Speaker III: Santosh K. Kar Theme: For Better Health For Our Citizens We Must Prevent Degradation Of The Environment. Discussant : P. Goswami Rapporteurs : G. Shankar And R. Ravikumar	
1100-1115	TEA BREAK	
1115-1315	PLENARY IV : ENVIRONMENT, ENERGY AND HEALTH	
	Chairman : Speaker I : V.N. Bhoraskar Theme : Treatment Of Wastewater And Analysis Of Environmental Pollution By, Radiation Technology, With Focus On Human Health. Speaker II : Sudha Bhoraskar Theme : Environmental Solution For Municipal Solid Waste Management Using Thermal Plasma Processing. Speaker III : R.S. Goyal Theme : Impact Of Climate Change On Human Health In India: Issues And Priority Concerns. Speaker IV : Nagendra Harini Theme : Ecology In The City: Sustaining India's Urban Future. Discussants : Prakash Burte And K. Murugan Rapporteurs : G. Shankar And R. Ravikumar	
1315-1400	LUNCH BREAK	
1400-1430	FREE TIME	
1430-1700	PARALLEL CONCURRENT SESSIONS OF RESEARCH COMMITTEES AND X ALL INDIA YOUNG SCIENTISTS CONVENTION	
	(A) RESEARCH COMMITTEES	
	01. AGRICULTURAL SCIENCE RESEARCH COMMITTEE	
	Chairman: Parvez Qamar Rizvi Conveners: Syed Kamran Ahmad Ziaul Haque Rizwan Ali Ansari	

	Speakers:	
	02. ANTHROPOLOGY RESEARCH COMMITTEE	
	Chairman: S. Sumathi Convener: Speakers:	
	03. ARCHAEOLOGY AND HISTORY RESEARCH COMMITTEE	
	Chairman: Vikas Gupta Chairman: Mohammad Rais Khan Conveners: Sonal Binod Bihari Satpathy Speakers: V. Murali Louis Mushary Archana Jha A. Catherine Anna Pushpam Md. Sahidul Islam M. Sathyalingam	
	04. BIOLOGICAL/LIFE SCIENCE RESEARCH COMMITTEE	
	Chairman: Wasim Ahmad & Karthikeyan Ramalingam Conveners: Vimalkumar Speakers:	
	05. BIOTECHNOLOGY RESEARCH COMMITTEE	
	Chairman: S.M. Shaheedha Conveners: V. Sowmya Lakshmi Speakers:	
	06. CHEMICAL SCIENCE RESEARCH COMMITTEE	
	Chairman: K. Pandian & D. Easwaramoorthy Conveners: D. Ravi Shankaran J. Herbert Mabel Speakers: Megha Rangari Wasudeo Gurnule Yashpal Rathod W.B. Gurnule S. Ravikumar A. Jeyameenakshi M. Syed Ali M. Gnanadesigna King Solomon Ebenezer	
	07. COMMERCE RESEARCH COMMITTEE	
	Chairman: Afzalur Rahman Convener: N. Indumathi Speakers: Sibghatullah Nasir P. Neethikumar R. Mary Angelin Mohammed Sherfuddin S. Vidya	
	08. COMMUNICATIONS AND JOURNALISM RESEARCH COMMITTEE	
	Chairman: I. Arul Aram & S. Nagarathinam Convener: S. Hemamalini Speakers: A.P. Felix Arokiya Raj A. Arul Aram Hephzibah Esther Simon Anita Singh	

	09. COMPUTER SCIENCE RESEARCH COMMITTEE	
	<p>Chairman: Manohar Lal & Venkatesan Selvam Convener: Pawan Chaurasia & N. Ayyanathan Speakers: Saivijayalakshmi Janakiraman Ayyanathan Natrajan M. Kabeer Sonya Bhuvaneswar B. Murali Krishna P. Latchoumi Manohar Lal Minakshi Sridhar S. Raja Mohamed N. Rajendran R. Priyadarshini Kirti Pandey C.K. Jha</p>	
	10. EARTH SCIENCE AND PLANETRY SCIENCE RC	
	<p>Chairman: Prakash Chauhan & T. Harinarayana Convener: Bulusu Sreenivas & K. Kanmani Speakers: Fatima Shabir Gulfishan Mohd Rayees Afzal Mir Syed Asif Hussain Eyram Hamid Mehnaz Aijaz Anuj Kumar Singh Shivanshu Dwivedi Jayanta Kumar Pati Bulusu Sreenivas</p>	
	11. ECOLOGICAL AND ENVIRONMENTAL SCIENCE RC	
	<p>Chairman: Rana Pratap Singh & Revathi Purushothaman Convener: Venkatesh Dutta & J. Shahitha Parveen Speakers: S. Rekha P.K. Latha R. Blakrishnan Vidya Venugopal Mohan Singh Ram Niwas Purnima Mehta S.K. Bhardwaj</p>	
	12. ECONOMICS RESEARCH COMMITTEE	
	<p>Chairman: Bhaskar Majumdar & Ayub Khan Dawood Convener: Kunal Keshri & Krupa B. Nair Speakers:</p>	
	13. EDUCATION RESEARCH COMMITTEE	
	<p>Chairman: V.P.S. Raju & S.K.G. Ganesh Convener: S. Saravanan Speakers: Gazala Khan Abdul Mannan Sofia Edroos Shahnaaz Mirza Santwana G. Mishra Archana Mundul</p>	

	<p>Bandi Latha Narsaiah Muskina Nasreen Ventukuri P.S. Raju Govindaraju Sridivya Rao Kashaf Irfan Syed Nazimunnisa Sayyed Rubina Hans Mona Sedwal Asia Mukhtar Shaikh Nahid Parveen Shaikh</p>	
	14. ENGINEERING SCIENCE RESEARCH COMMITTEE	
	<p>Chairman: G. Ezhilarasan & S. Rasool Mohideen Convener: R. Ravi Kumar & A. Arockia Julia Speakers: Gayathri Madappa S. Deepa M. Divya Priya K. Kavya D. Muchumari Pravallika Preethi K.P. Sindhu T. Supriya Devarapalli Madhukar T.M. Madhumathi Mahadev Mahesh D. Kathakdond Shrirish S. Kulkarni D. Sowmya E. Priyadarshini P.M. Vidyashree Mohd Durvesh Mohiuddin S. Rasool Mohideen Prakruthi Parthasarathy G. Ezhilarasan H. Pavithra S. Suresh Babu G. Prajwal Shreya T. Pooja M. Ragavi S. Ramalingam Samarath Ravikumar</p>	
	15. GEOGRAPHY RESEARCH COMMITTEE	
	<p>Chairman: A.R. Siddiqui Convener: Speakers: Zahid Kamal Mariya Zeba Khanam</p>	
	16. HOME SCIENCE RESEARCH COMMITTEE	
	<p>Chairman: Kalpana Gupta Convener: Speakers:</p>	
	17. INTERNATIONAL STUDIES OF DEFENSE STUDIES AND STRATEGIC RESEARCH COMMITTEE	
	<p>Chairman: K. M. Seethi Convener: Ashok Alex Luke</p>	

	Speakers:	
	18. JURIDICAL SCIENCE	
	Chairman: Maruthi T.R. & Arab Mohammed Shamiulla Convener: Neelam Yadav & Haider Yasmeen Speakers:	
	19. LINGUISTICS RESEARCH COMMITTEE	
	Chairman: A.R. Fatihi & H. Sofia Convener: Neelam Yadav & Haider Yasmeen Speakers:	
	20. MANAGEMENT SCIENCE RESEARCH COMMITTEE	
	Chairman: N. Sambasiva Rao & M. Shanmugam Munuswamy Convener: K. Venkateswarlu & Hamalatha J. Speakers:	
	21. MATHEMATICAL AND STATISTICAL SCIENCE RC	
	Chairman: Rashmi Bhardwaj & S. Srinivasan Convener: C.D. Nandakumar Speakers: P. Nithya C.D. Nanda Kumar S. Srinivasan A. Pradeepa P. Arathi K. Kapil Raj Aadil Rashid Sheergojri Pervaiz Iqbal S. Sindhuja	
	22. MEDICAL AND HEALTH SCIENCE RESEARCH COMMITTEE	
	Chairman: Jugal Kishor & Haja Nazeer Ahamed Convener: U. Venkatesh & Mohammad Habeeb Speakers: K.G. Ganesan S. Arunkumar S. Kalidas P. Geetha K.S. Kiran R.B. Chandan M.A. Pasha J. Praveen Kumar Sathish N. Kumar Geetha J. Manjunathan M. Suganthi G. Abirami Meera Kumar Menon Rakesh Kumar RAM Jainaf Nachiya N. Irfan Arjumand Ara S. Nithya T. Padaleeswaran Praveena Gandhi M. Sumithra Pavazhaviji Vijaya Vara Prasad Susithra Prema Pavithra S. Prema	

	M. vijaya Vara Prasad J. Sugirdha Princess N. Irfan V.T. Kaviyashri J. Malarvizhi	
	23. PHILOSOPHY RESEARCH COMMITTEE	
	Chairman: M.P. Terence Samuel Convener: Dasarath Murmu Speakers: Redu A. Valsam P.P. Yathukrishna	
	24. PHYSICAL SCIENCE RESEARCH COMMITTEE	
	Chairman: Gufran Beig & M. Basheer Ahamad Convener: Sumit K. Mishra & R. Amiruddin Speakers: S.R. Surya I. Raja Mohamed P. Yogamarish	
	25. POLITICAL SCIENCE RESEARCH COMMITTEE	
	Chairman: Muzaffar Assadi Convener: Speakers: N. Nagaraju Sachin N. Pardhe S.P. Shahi	
	26. PSYCHOLOGY RESEARCH COMMITTEE	
	Chairman: Akbar Hussain & Syed Khader Ali Convener: Irfan Navadshan Speakers: Uday Shankar Riya Karthikeya Nov Rattan Sharma Kanika Naresh Singh	
	27. SOCIAL WORK RESEARCH COMMITTEE	
	Chairman: Nandini Sen Convener: Menakshi Bose Speakers:	
	28. SOCIOLOGY	
	Chairman: Convener: Nrityanjali Sarmah Speakers: Sylvia Raha Arya Ratan Aparna Parishmita Saikia Thagiram Gogoi	
1430-1700	(B) THEMATIC PANEL	
	01. CONFLICTS, WAR, PEACE AND SOCIAL SECURITY	
	Chairman: Dominic Davidappa & E. Syed Mohamed Convener: B. Karthikeyan Speakers:	
	02. DEMOCRACY AND HUMAN RIGHTS	
	Chairman: K. Ragu & C. Tharini Convener: S. Saravanakumar A. Vijayalakshmi Speakers:	

	03. ECOLOGICAL AND ENVIRONMENT PROTECTION MOVEMENTS	
	Chairman: Vasanthi Padmanabhan Convener: Priya V.S. Speakers:	
	04. ETHICS OF SCIENCE AND SOCIETY	
	Chairman: Gopal Krishna & K. Srinivasan Convener: R. Sudhakaran Radha Krishnan Speakers:	
	05. GLOBAL WARMING AND CLIMATE CHANGE	
	Chairman: Baishnab Charan Tripathy & S. Kutti Rani Convener: S. Bhagavathy Speakers:	
	06. HISTORY OF PHILOSOPHY OF SCIENCE	
	Chairman: M. Mohamed Sheik Sirajuddin Convener: R. Indirajith Speakers:	
	07. INFORMATION TECHNOLOGY, MASS, MEDIA AND CULTURE	
	Chairman: Gufran Ahmad Ansari Convener: Mohamed Divan Masood M. Speakers:	
	08. LABOUR IN ORGANISED AND UNORGANISED SECTOR	
	Chairman: Minaketan Behera & Haider Yasmeen Convener: K. Chittibabu Rahila Nelson Speakers:	
	09. NATION-STATES AND EMERGING CHALLENGES	
	Chairman: P. Sheik Abdul Khader Convener: A. Jaya Venkat Speakers:	
	10. NATURAL RESOURCES, BIODIVERSITY AND GEOGRAPHIC INFORMATION SYSTEM	
	Chairman: J. Revati Convener: P. Gajalakshmi Speakers:	
	11. PATENT LAWS AND INTELLECTUAL PROPERTY RIGHTS	
	Chairman: M. Parvez Alam Convener: Nisha Speakers:	
	12. PEOPLES (DALITS, TRIBES, WOMEN, PEASANTS, ETC.) STRUGGLES AND MOVEMENTS FOR EQUITABLE DEMOCRATIC SOCIETY	
	Chairman: Yagrti Chinna Rao & K. Yogeswari Convener: L. David Lal Kannadasan Speakers:	
	13. PEOPLES HEALTH AND QUALITY OF LIFE	
	Chairman: Diwakar Goli & I.B. Shameem Banu	

	Convener: M. Vijayajyanthi Speakers:	
	14. PEASANTS, LAND-USE AND LIVELIHOOD	
	Chairman: N. Prakash & Rajendran Convener: A. Sonya Priya Speakers:	
	15. POLITICAL ECONOMY OF INDIA	
	Chairman: Keshab Das & Anuradha Raja Prabu Convener: Ritu Gangil Speakers:	
	16. POPULATION, POVERTY AND MIGRATION	
	Chairman: S. Pnaboli Convener: R. Priya Speakers:	
	17. RURAL TECHNOLOGY, SOCIAL ORGANISATIONS AND RURAL DEVELOPMENT	
	Chairman: A.S. Selvakumar Convener: S. Jeavudeen Speakers:	
	18. SCIENCE COMMUNICATION AND SCIENCE POPULARIZATION	
	Chairman: T.V. Venkateswaran & H. Siddhi Jailani Convener: Rayies Altaf V. Muralidharan Speakers:	
	19. SOCIAL PROCESSES, SOCIAL STRUCTURES AND SOCIAL ALIENATION	
	Chairman: Baharul Islam Laskar & M.A. Sai Balaji Convener: S. Mohamed Iliyas Speakers:	
	20. SCIENCE, TECHNOLOGY AND SOCIAL DEVELOPMENT	
	Chairman: A.P. Rao & P.N. Kadiresh Convener: S.V. Karthikeyan Speakers:	
	21. UNITY OF SCIENCE (SCIENCE OF NATURE-HUMAN-SOCIETY)	
	Chairman: N.P. Chaubey & P.K. Jawahar Convener: G. Kannon Speakers:	
	X ALL INDIA YOUNG SCIENTISTS CONVENTION	
	Chairman I: J.S. Chauhan Chairman II: Asha Jonshi Convener: Bulusu Srinivas Speakers: Prachi Baruah Sneha Bora N.P. Chaubey Ankita Dey Abhinav Dowerah	
1700-1900	PUBLIC LECTURE IV Chairman: K. Venkateswaran	

	Speaker I: P. Sainath Title: B.V. Rangarao Memorial Lecture IV Speaker II: Kambadur Muralidhar Title: Philosophy of natural science and a sociological analysis of current Indian science. Rapporteur: G. Shankar And R. Ravikumar	
1800-1930	TASK FORCE MEETING	
1930-2030	CULTURAL PROGRAMME	
2030-2130	DINNER	

XLV Indian Social Science Congress PROGRAMME

Thursday, March 31, 2022

Time	Session	Venue
0900-1100	PLENARY V : ENVIRONMENT, ENERGY AND HEALTH	
	Chairman : P. Goswami Speaker I : K. Ashok Rao Theme : Transformational Changes Not Based On Ground Reality – Electricity Sector Reforms. Speaker II: D. Balachandra Theme: Global Warming – An Overview On Its Effects On Health. Discussant : Rapporteurs : G. Shankar And R. Ravikumar	
1100-1115	TEA BREAK	
1115-1315	PLENARY VI : ENVIRONMENT, ENERGY AND HEALTH	
	Chairman : Santosh K. Kar Speaker I : P. Ganesham Theme : Impact Of Grassroots Creativity On ‘Environment, Energy, And Health’ Of The Society. Speaker II : K. Murugan Theme : Ecology Of Insect Plant-Parasitoid Interactions With Special Reference To Biological Insecticides For The Sustainable Management And Conservation Of Insects. Speaker III : P. Goswami Theme : Environment, Energy And Health And Emerging Technologies. Discussants : K. Ashok Rao Rapporteurs : G. Shankar And R. Ravikumar	
1315-1400	LUNCH BREAK	
1400-1430	FREE TIME	
1430-1700	PARALLEL CONCURRENT SESSIONS OF RESEARCH COMMITTEES AND X ALL INDIA YOUNG SCIENTISTS CONVENTION	
	(A) RESEARCH COMMITTEES	
	01. AGRICULTURAL SCIENCE RESEARCH COMMITTEE	
	Chairman: Parvez Qamar Rizvi Conveners: Syed Kamran Ahmad Ziaul Haque Rizwan Ali Ansari Speakers:	
	02. ANTHROPOLOGY RESEARCH COMMITTEE	
	Chairman: S. Sumathi Convener: Speakers:	
	03. ARCHAEOLOGY AND HISTORY RESEARCH COMMITTEE	
	Chairman: Vikas Gupta Chairman: Mohammad Rais Khan	

	Conveners: Sonal Binod Bihari Satpathy Speakers: Shubhra Sinha S.S. Sundaram M. Sathyalingam S. Udayakumar C. Uma Sandeep Kumar Verma Nihal Zainab H. Sofia Anirudh Deshpande Hinna Gupta Sonal Vikash Kumar Singh	
	04. BIOLOGICAL/LIFE SCIENCE RESEARCH COMMITTEE	
	Chairman: Wasim Ahmad & Karthikeyan Ramalingam Conveners: Vimalkumar Speakers:	
	05. BIOTECHNOLOGY RESEARCH COMMITTEE	
	Chairman: S.M. Shaheedha Conveners: V. Sowmya Lakshmi Speakers:	
	06. CHEMICAL SCIENCE RESEARCH COMMITTEE	
	Chairman: K. Pandian & D. Easwaramoorthy Conveners: D. Ravi Shankaran J. Herbert Mabel Speakers: Yuvashree Susendran Devansena Thiyagarajan Gobi Nallathambi Monnisha Ganesan	
	07. COMMERCE RESEARCH COMMITTEE	
	Chairman: Afzalur Rahman Convener: N. Indumathi Speakers: N. Vijaykumar 28. Ziavuddeen	
	08. COMMUNICATIONS AND JOURNALISM RESEARCH COMMITTEE	
	Chairman: I. Arul Aram & S. Nagarathinam Convener: S. Hemamalini Speakers: R. Tryphena K. Venkatalakshmi N. Anandharaj J. Mandira	
	09. COMPUTER SCIENCE RESEARCH COMMITTEE	
	Chairman: Manohar Lal & Venkatesan Selvam Convener: Pawan Chaurasia & N. Ayyanathan Speakers: S.M. Rohita N. Prakash I. Sathik Ali Saliha Sameera Sallaiah Shafi Sunil K. Singh Pawan K. Chaurasia S.P. Upadhyay	

	Nuzhat Ahmad Yattoo	
	10. EARTH SCIENCE AND PLANETRY SCIENCE RC	
	Chairman: Prakash Chauhan & T. Harinarayana Convener: Bulusu Sreenivas & K. Kanmani Speakers:	
	11. ECOLOGICAL AND ENVIRONMENTAL SCIENCE RC	
	Chairman: Rana Pratap Singh & Revathi Purushothaman Convener: Venkatesh Dutta & J. Shahitha Parveen Speakers: Aswathy Rachel Varughese Varughese Mathew Raja Vethamonickam Nathan Sengottayan Gupta Yamal	
	12. ECONOMICS RESEARCH COMMITTEE	
	Chairman: Bhaskar Majumdar & Ayub Khan Dawood Convener: Kunal Keshri & Krupa B. Nair Speakers: Anu Satyal	
	13. EDUCATION RESEARCH COMMITTEE	
	Chairman: V.P.S. Raju & S.K.G. Ganesh Convener: S. Saravanan Speakers: Nashrah Imtiyaz Ahmed Shaikh Sofia Edroos Zia Bi Shaikh Asha Mridul G. Shankar K. Srinivas Yashmita Singh Foujia Suhani Jyotsana Sangore Shweta Ashok Yadav	
	14. ENGINEERING SCIENCE RESEARCH COMMITTEE	
	Chairman: G. Ezhilarasan & S. Rasool Mohideen Convener: R. Ravi Kumar & A. Arockia Julia Speakers: Shihabdeen Sanad Nazer Sunil Raaj Shibin Serajul Haque V. Jean Shilpa R. Anitha S. Anusooya M. Shruthi Rakesh Kumar Sinha S. Sivakumar A. Eakambaram S. Suganthan Leema A. Rose K. Kawin Swisshesh K. Suganya Devi Nivedha Vaidyanathan E. Ernee Victor Vaz M. Venkatesan	

	15. GEOGRAPHY RESEARCH COMMITTEE	
	Chairman: A.R. Siddiqui Convener: Speakers:	
	16. HOME SCIENCE RESEARCH COMMITTEE	
	Chairman: Kalpana Gupta Convener: Speakers:	
	17. INTERNATIONAL STUDIES OF DEFENSE STUDIES AND STRATEGIC RESEARCH COMMITTEE	
	Chairman: K. M. Seethi Convener: Ashok Alex Luke Speakers:	
	18. JURIDICAL SCIENCE	
	Chairman: Maruthi T.R. & Arab Mohammed Shamiulla Convener: Neelam Yadav & Haider Yasmeen Speakers:	
	19. LINGUISTICS RESEARCH COMMITTEE	
	Chairman: A.R. Fatihi & H. Sofia Convener: Neelam Yadav & Haider Yasmeen Speakers:	
	20. MANAGEMENT SCIENCE RESEARCH COMMITTEE	
	Chairman: N. Sambasiva Rao & M. Shanmugam Munuswamy Convener: K. Venkateswarlu & Hamalatha J. Speakers: B. Ziauddin	
	21. MATHEMATICAL AND STATISTICAL SCIENCE RC	
	Chairman: Rashmi Bhardwaj & S. Srinivasan Convener: C.D. Nandakumar Speakers:	
	22. MEDICAL AND HEALTH SCIENCE RESEARCH COMMITTEE	
	Chairman: Jugal Kishor & Haja Nazeer Ahamed Convener: U. Venkatesh & Mohammad Habeeb Speakers: Logesh Radhakrishnan Irfan Navabshah Aditya V. Subramanian Shazia Jamal Neesar Ahmed Wasim Ali Raja Hameeda Kadar Ali Vijay P. Kumar M. Varaprasanna Rao S. Jeganath Tuhina Rastogi Sandeep Reddy S.M. Shaheedha K. Sunil Kumar K.S. Sridevi Sangeetha S. Uamamheswari Srishti M. Suganthi	

	<p>J. Manjunathan M. Jayanthi M. Thenmozhi K. Vidya A. Aarthi R. Subalakshmi P. Senthilkumar E. Susithra R. Monika Y. Mahendran E. Lokesh S.I. Syed Nasar M. Vijaya Vara Prasad S. Prema R. Swathi N. Irfan G. Zainab Nasreen M. Jabeen Unissa</p>	
	23. PHILOSOPHY RESEARCH COMMITTEE	
	<p>Chairman: M.P. Terence Samuel Convener: Dasarath Murmu Speakers:</p>	
	24. PHYSICAL SCIENCE RESEARCH COMMITTEE	
	<p>Chairman: Gufran Beig & M. Basheer Ahamad Convener: Sumit K. Mishra & R. Amiruddin Speakers:</p>	
	25. POLITICAL SCIENCE RESEARCH COMMITTEE	
	<p>Chairman: Muzaffar Assadi Convener: Speakers:</p>	
	26. PSYCHOLOGY RESEARCH COMMITTEE	
	<p>Chairman: Akbar Hussain & Syed Khader Ali Convener: Irfan Navadshan Speakers: Prachi Singh Uday Shankar S. Vijayakumar</p>	
	27. SOCIAL WORK RESEARCH COMMITTEE	
	<p>Chairman: Nandini Sen Convener: Menakshi Bose Speakers:</p>	
	28. SOCIOLOGY	
	<p>Chairman: Convener: Nriyanjali Sarmah Speakers:</p>	
1430-1700	(B) THEMATIC PANEL	
	01. CONFLICTS, WAR, PEACE AND SOCIAL SECURITY	
	<p>Chairman: Dominic Davidappa & E. Syed Mohamed Convener: B. Karthikeyan Speakers:</p>	
	02. DEMOCRACY AND HUMAN RIGHTS	
	<p>Chairman: K. Ragu & C. Tharini Convener: S. Saravanakumar</p>	

	A. Vijayalakshmi Speakers:	
	03. ECOLOGICAL AND ENVIRONMENT PROTECTION MOVEMENTS	
	Chairman: Vasanthi Padmanabhan Convener: Priya V.S. Speakers:	
	04. ETHICS OF SCIENCE AND SOCIETY	
	Chairman: Gopal Krishna & K. Srinivasan Convener: R. Sudhakaran Radha Krishnan Speakers:	
	05. GLOBAL WARMING AND CLIMATE CHANGE	
	Chairman: Baishnab Charan Tripathy & S. Kutti Rani Convener: S. Bhagavathy Speakers:	
	06. HISTORY OF PHILOSOPHY OF SCIENCE	
	Chairman: M. Mohamed Sheik Sirajuddin Convener: R. Indirajith Speakers:	
	07. INFORMATION TECHNOLOGY, MASS, MEDIA AND CULTURE	
	Chairman: Gufran Ahmad Ansari Convener: Mohamed Divan Masood M. Speakers:	
	08. LABOUR IN ORGANISED AND UNORGANISED SECTOR	
	Chairman: Minaketan Behera & Haider Yasmeen Convener: K. Chittibabu Rahila Nelson Speakers:	
	09. NATION-STATES AND EMERGING CHALLENGES	
	Chairman: P. Sheik Abdul Khader Convener: A. Jaya Venkat Speakers:	
	10. NATURAL RESOURCES, BIODIVERSITY AND GEOGRAPHIC INFORMATION SYSTEM	
	Chairman: J. Revati Convener: P. Gajalakshmi Speakers:	
	11. PATENT LAWS AND INTELLECTUAL PROPERTY RIGHTS	
	Chairman: M. Parvez Alam Convener: Nisha Speakers:	
	12. PEOPLES (DALITS, TRIBES, WOMEN, PEASANTS, ETC.) STRUGGLES AND MOVEMENTS FOR EQUITABLE DEMOCRATIC SOCIETY	
	Chairman: Yagrti Chinna Rao & K. Yogeswari Convener: L. David Lal Kannadasan Speakers:	

	13. PEOPLES HEALTH AND QUALITY OF LIFE	
	Chairman: Diwakar Goli & I.B. Shameem Banu Convener: M. Vijayajayanthi Speakers:	
	14. PEASANTS, LAND-USE AND LIVELIHOOD	
	Chairman: N. Prakash & Rajendran Convener: A. Sonya Priya Speakers:	
	15. POLITICAL ECONOMY OF INDIA	
	Chairman: Keshab Das & Anuradha Raja Prabu Convener: Ritu Gangil Speakers:	
	16. POPULATION, POVERTY AND MIGRATION	
	Chairman: S. Pnaboli Convener: R. Priya Speakers:	
	17. RURAL TECHNOLOGY, SOCIAL ORGANISATIONS AND RURAL DEVELOPMENT	
	Chairman: A.S. Selvakumar Convener: S. Jeavudeen Speakers:	
	18. SCIENCE COMMUNICATION AND SCIENCE POPULARIZATION	
	Chairman: T.V. Venkateswaran & H. Siddhi Jailani Convener: Rayies Altaf V. Muralidharan Speakers:	
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	Chairman: Baharul Islam Laskar & M.A. Sai Balaji Convener: S. Mohamed Iliyas Speakers:	
	20. SCIENCE, TECHNOLOGY AND SOCIAL DEVELOPMENT	
	Chairman: A.P. Rao & P.N. Kadiresh Convener: S.V. Karthikeyan Speakers:	
	21. UNITY OF SCIENCE (SCIENCE OF NATURE-HUMAN-SOCIETY)	
	Chairman: N.P. Chaubey & P.K. Jawahar Convener: G. Kannon Speakers:	
	X ALL INDIA YOUNG SCIENTISTS CONVENTION	
	Chairman: J.S. Chauhan Convener: Speakers: Daisy Handique M. Nandhakumar Gitanshi Premchandani Krishanu Nandan Sarmah	
1700-1730	PUBLIC LECTURE V	
	Chairman: G. Parthasarathy	

	Speaker: Ashutosh Sharma Title: From invention to innovation: Closing the knowledge circle. Discussant: Rapporteur:	
1730-1800	PUBLIC LECTURE VI Chairman: Santosh K. Kar Speaker: K. Venkataraman Title: Biodiversity of India and its social relevance for conservation. Discussant: Rapporteur:	
1800-1930	TASK FORCE MEETING	
1930-2030	CULTURAL PROGRAMME	
2030-2130	DINNER	

XLV Indian Social Science Congress PROGRAMME Friday, April 01, 2022

Time	Session	Venue
0900-1100	PLENARY VII : ENVIRONMENT, ENERGY AND HEALTH	
	Chairman: K. Venkatraman Speaker I: Venu Gopal Achanta Theme: Metrology For Societal Applications. Speaker II: Rana Pratap Singh Theme: Converting carbon source into carbon sink: Designing novel ecosystem for sustainable ecology and economy Speaker III: Shankar Sharma Theme: Moving away from fossil fuels for environmental sustainability. Discussants: Kambadur Muralidhar Rapporteurs: G. Shankar And R. Ravikumar	
1100-1115	TEA BREAK	
1115-1315	PLENARY VIII : ENVIRONMENT, ENERGY AND HEALTH	
	Chairman: Rana Pratap Singh Speaker I: C.B.S.R. Sharma Theme: Covid exposed Mutations revealed themselves Both threaten futures Speaker II: Theme: Discussants: Rapporteurs: G. Shankar And R. Ravikumar	
1115-1315	ALL RESEARCH COMMITTEES/THEMATIC PANELS/SEMINARS/ SYMPOSIA TO HOLD CONCLUDING MEETINGS	
1315-1400	LUNCH BREAK	
1400-1500	DISCUSSION ON TASK FORCE REPORT	
1500-1700	VALEDICTORY	
	1500-1510: Farewell Speech: <i>Peer A. Mohamed</i> 1510-1520: Chief Rapporteur's Reports: 1520-1535: Task Force Report: 1535-1550: Our Impressions and Our Thoughts: <i>T. Harinarayana</i> 1550-1620: Chief Guest's Speech: 1620-1630: Invitation for XLV ISSC: 1630-1640: What Next: <i>G. Parthasarathy</i> 1630-1700: Presidential Observations: 1700-1730: Vote of Thanks: <i>D.M. Diwakar</i>	
1730-1800	FAREWELL TEA	
1800-2030	FAREWELL DINNER	

**A NOTE ON
ENVIRONMENT, ENERGY AND HEALTH
THE FOCAL THEME
OF
XLV INDIAN SOCIAL SCIENCE CONGRESS**

0100 PREAMBLE

The Indian Social Science Academy and B.S. Abdur Rahman Crescent Institute of Science and Technology have resolved to focus the deliberations of the 45th Indian Social Science Congress on 'Environment, Energy, and Health' to enable people of India in particular, and the people of the world in general, to enjoy healthy-happy-creative life while preserving the symbiotic relationship among environment, energy, and life on Planet Earth. The environment of the planet earth and the life on the planet are symbiotically related (all the five forms). We are being warned that any damage to the environment will have disastrous consequences to all life forms, including the human species. Some of the effects are irreversible, both to the human species and planet earth's environment. We have seen the effects of the Corona pandemic.

0200 CONTEXT

Corona pandemic since 2020 world over has threatened the very survival of all humans on Planet Earth today. Significantly, large number of people of all agegroups in many countries have lost lives. Public Health Systems in India and many other countries have been stressed, and the Private Health System has proved futile and incapable of meeting the challenges. Quite a large number of medical doctors and health workers too have died. To date, scientists researching in Health Sciences and related subjects have not found proper scientific understanding and solution. Corona pandemic continues unabated, and devastating. It has changed the lifestyle of people and also human values. The spread of deadly contagious viruses among human population and its relation to the degradation of habitats and anthropological encroachment into the environment seems to be highly connected and needs to be addressed urgently.

Corona pandemic has led to severe social pressures and at the same time provided opportunities to cope up with this extreme scenario. Societies have to rise above the average and should adopt innovative methods to overcome the losses incurred by the pandemic.

0300 QUESTIONS

Scientists and social activists from all over the world have been drawing attention toward the breakdown of symbiotic relationship between environment, energy, ecology, climate, and the existence of life, including humans, repeatedly. The call for stopping deforestation, controlling mining, polluting air, water, soil and preserving bio-diversity has been ever-growing since the realization about climate degradation. The threat to the existence of all forms of life on Planet Earth from growing global warming and climate change is becoming deeper and deeper day by day. World scientists' warning that 'Business as usual cannot go on' should be seriously considered and alternative ways should be explored. Biological laboratories, particularly virological laboratories and nuclear research institutions, need to be better monitored and augmented for the betterment of human life on earth. There is an urgent need to redefine our means of cohabitation with other species and nature itself. In this backdrop following questions may be pertinent to be addressed:

- 0301 Is the environment and energy in India and elsewhere clean, unpolluted and congenial to existence of all forms of life including humans on Planet Earth? If not, why?
- 0302 Is the symbiotic relationship between environment, energy and ecology congenial and sustainable? If not, why? Is Energy clean? If yes, why do people talk about 'clean energy' or 'Green Energy'?
- 0303 What is the state of bio-diversity and natural resources in India and other countries. How has accelerated process of deforestation, desertification and mining affected biodiversity, environment and ecology?
- 0304 What is the quantum of pollution of water, forest, air, health, in terms of continuous consumption and unsustainable growth?
- 0305 Is extensive use of plastic goods safe for the environment and health?

- 0306 What is the effect of chemical fertilizers, large irrigation projects and water management on natural habitats?
- 0307 Is radiation produced by nuclear reactors, satellites towers and digital technology good for environment and people's health?
- 0308 How do the 24x7 hour radiations produced by TVs, Smartphones, Social Media, Twitters, Googles, etc. affect people's health? Does long hours of work on computer affect health? Is digital technology created virtual world causing psychological disorders and mental illness?
- 0309 Are on line education and webinars good for health, education and research? Does it not destroy all creative potentialities of learning in children and students?
- 0310 How has use of chemical fertilizer affected health of soil, foodgrains, vegetables and fruits, etc.? Can we say that food that all humans eat is healthy and safe? If yes, how? If no, why?
- 0311 How to manage air and water resources that are fundamental for existence?
- 0312 How to improve healthcare methods?
- 0313 How do high rise buildings affect environment, energy and health of the people?
- 0314 Are the highways and high speed vehicles safe? How do large scale buses, trucks, cars, trains, etc. affect environment, energy and people's health?
- 0315 What about Greenhouse Gas and its ill-effects? What is Green Energy? Is it available? Is it necessary for good health? Is it possible to produce 'Green Energy' and free the world from Greenhouse Gas without abolishing the present system of production-distribution-consumption?
- 0316 What is the state of Public Health System in India, United States, Great Britain, France, Germany, Russia, China, Cuba and other countries? Is the public health system conducive to the good health of all irrespective of their class-caste-creed-gender?
- 0317 How is Private Health System in India and abroad? Is it conducive to the health of all irrespective of their economic status? What is the experience of Private Health System during Corona pandemic?
- 0318 How to formulate and regulate the pharmaceutical industry and research in order to optimize maximum benefits for the human healthcare?
- 0319 Who promotes spurious drugs in India and Third World Countries and why?
- 0320 What is the relationship between drug industries and doctors, between drug industries and politics? How do such relations affect people's health?
- 0321 What is the State of Medical and Health Science Education and Research in India and other countries? How have privatisation of Medical Education and policy of reservation affected quality of medical and health science education and research?
- 0322 What is the state of all other alternative practicing medicines?
- 0323 What is the way out? Is it possible to create a new democratic social system in which all are healthy and happy? If yes, how? If no, why?
- 0324 Is the global economic paradigm of 'economic growth' at the root of climate change, environment degradation, energy pollution and animal health, human industries, civilisation under survival threat because of economic growth paradigm.
- 0325 Does Science need paradigm shift? If yes, what would be its parameters? Should it be freed from market and politics? If yes, how?

0400 CONCEPT

Today Science of Environment, Energy, Ecology, and Health is well developed. All that constitutes environment, organisms, biological and physical interrelationships between and among all the constituents of the Environment is ecology. Air, water, forest, hills, mines, all forms of life, including humans, are integral to the environment, and the nature of interrelationship is vital to the birth, growth, and survival. The harmony between the inorganic and organic world appears to be severely disturbed. All the species and human activities tend to produce powerful positive and negative effects on the environment, which in turn tend to affect the health and wellbeing of humans and other forms of life. Breakdown of food chains in habitats of living species leads to their extinction. It is, therefore, necessary to examine the interrelationships between and among environment, ecology, and health.

The concept of health includes the well-being of both physical and mental states. Health is defined as freedom (absence of) from physical and mental disease. Freedom from physical disease depends upon nutrient food, clean air, water, hygienic living conditions and easy access to the healthcare system, whereas mental health depends upon pleasant and peaceful family, community, and social relationships.

0500 MAJOR THEMES

- 0501 Environment, Energy and Ecology in today's world.
 0502 Environment, Energy and Ecology in Today's India.
 0503 Deforestation, Mining, Desertification and Environment, Energy and Ecology.
 0504 Impact of Nuclear and Digital Technologies on Environment, Energy, Ecology and Health.
 0505 Impact of Industries on Environment, Energy and Health.
 0506 Energy and Health
 0507 Impact of chemical Fertilisers and Pesticides on fertility of Soil, Agriculture, Environment and living organism including human beings.
 0508 Material Science, Technology, Impact of new materials like Plastics, Semiconductors, paints, etc. on Environment, Ecology and Health.
 0509 Environment, Ecology and Health.
 0510 Food and Health.
 0511 Urbanisation and Health.
 0512 Public Health System versus Privatisation of Health.
 0513 Newer Forms of Diseases and Health Hazards.
 0514 Contemporary Social-Economic-Political System and Problems of Peoples Health.
 0515 Global Warming, Climate Change and Health.
 0516 Sociological perspective of Equity-based Distribution of wealth and national resources.
 0517 Any other.

0600 SEMINARS/SYMPOSIA/WORKSHOPS

It is proposed to organise international, national, regional, local seminars/symposia/ workshops/ colloquia on following issues:

0601 International Symposia

- 060101 Environment, Energy, Ecology and Health.
 060102 Impact of Nuclear and Digital Technology Radiations on all living organism including Peoples' Health and Survival.
 060103 Global Warming, Climate Change and Peoples' Health.
 060104 Biological Laboratory Borne Health Hazards.
 060105 Minia-borne Health Hazard.
 060106 Genesis and Growth of Corona like Health Hazards.
 060107 Creating conflict-free and war-free world.
 060108 Any other.

0602 National Seminars/Symposia/Workshops

- 060201 Public Health System Vs Private Health System in India: Corona Pandemic's Experience.
 060202 Poverty, Hunger and Health.
 060203 Uranium Mining and Health.
 060204 Nuclear, RF Radiations and Health.
 060205 Health Hazards of wastes.
 060206 Education and Health.
 060207 Current Status of Medical and Health Science Research Vis-à-vis Growing Health Hazards.
 060208 Current Status of Biomedical Engineering and Biotechnology.

0700 APPROACH

Problems of Environment and Health are multidimensional and complex as it involves all constituents of Nature-Humans-Society. To be precise, it is a systemic problem demanding systemic understanding and systemic science for a solution. Indian Social Science Congress represents all subjects and branches of Science of Nature-Humans-Society through 28 Subjects Research Committees and 21 Interdisciplinary Thematic Panels. Therefore, it is possible to apply a multidisciplinary approach to the task of systemic understanding and systemic solution of the problem of environment and health without prejudice or politics. A National Academic Advisory committee comprising eminent scientists representing all science subjects of nature-Humans-Society, Vice-chancellors/Directors of all universities/Research Institute/Laboratories health activists, policy planners, creative thinkers, and philosophers has been constituted for the purpose of planning and organization.

Chairpersons, Conveners, and members of all the 28 Subject Research Committees and 21 Thematic Panels shall be nominated and requested to organize deliberations in their respective Committees. Eight Interdisciplinary Plenaries and five Public Lectures on 'Environment, Energy and Health' shall be held during the 45th Indian Social Science Congress. Besides, pre-and-post XLV ISSC local-regional-national symposia/colloquia will be organised all over India. An effort will be made to organize one or two international seminars/symposia.

XLV INDIAN SOCIAL SCIENCE CONGRESS

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भारतीय समाज विज्ञान अकादमी

INDIAN SOCIAL SCIENCE ACADEMY

Indian Social Science Academy (ISSA, formerly Indian Academy of Social Sciences) is a National Science Academy with a difference. It is first National Science Academy in today's world (a) to conceive science as **Social**, (b) to bring all subjects of Science under one umbrella of Science of Nature-Human-Society by advocating **indivisibility of Science**, (c) to draw attention of all towards the need for **freeing science from politics and market forces** for preserving and promoting **the liberating potentially of it**, (d) to emphasize on need for development of indigenous science and Technology for **self-reliant national development**, resulting in solution of centuries old perennial problems of poverty, hunger, disease, illiteracy, violence, oppression, discrimination, etc and effecting qualitative and quantitative change in material, social and cultural life of peoples of India in particular, and world in general and (e) to emphasize the need for **pursuing science in all Indian Languages** in order to be creative and enabling the people of India to learn Science in order to live as a better human being. Full freedom, congenial environment and bonds of friendship between Science, Society and people are necessary conditions for development of indigenous science of Nature-Human-Society. **Brain-drain is a killer of indigenous S&T.**

The Indian Social Science Academy was established on August 15, 1974 and registered on December 26, 1974 with its headquarters at Allahabad by then unknown young patriotic scientists of India. Since then it has created following instruments for achieving its objectives:

- I. Indian Social Science Congress
 - II. Research and Training Centres
 - (a) Rural Development Study Centre
 - (b) Survey Research Centre
 - (c) Silver Jubilee Peoples Centre for Theoretical and Policy Research for Sustainable Development
 - III. Publication of Research Journals and Books/ Monographs
 - (a) Bhartiya Samajik Chintan
 - (b) Samayik Samajik Chintan
 - (c) Social Science Abstracts
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