

NATIONAL CONFERENCE

on

ENVIRONMENT: ISSUES, CHALLENGES AND STRATEGIES

1st & 2nd October, 2018

CONFERENCE REPORT



Organized By:
Department of Geography
Samrat Prithviraj Chauhan
Government College, Ajmer



Sponsored By:
Department of Science
And Technology
(Govt. of Rajasthan)

Report of the Conference on “Environment: Issues, Challenges and Strategies”

1st & 2nd October, 2018

The report captures a two-day programme of presentations, panel discussions and interactive dialogue at the conference on “ Environment : Issues, Challenges and Strategies”, which took place on 1st & 2nd October, 2018, at Samrat Prithviraj Chauhan Government College, Ajmer . Over the past few decades, human actions have been exploiting the planet and degrading the environment at an alarming rate. This mistreatment of the Mother Earth causes environmental issues of immense concern i.e., Global Warming, Urban Sprawl, Waste Disposal and many more. Sponsored by the Department of Science and Technology, Government of Rajasthan & organized by the Department of Geography, S.P. C. Government College, Ajmer, the conference theme focuses on these burning environment issues.

The two day event started with mouth-watering Breakfast at the Principal Bungalow on 1st October, 2018, followed by On Spot Registration of Delegates from 8:00-10:00 AM in front of the Geography Department. Thirty-one delegates were registered on the spot. Prior to the Conference Day 175 Delegates registered by making Cash payment and 40 registered through online banking.

The event brought together some 246 Academicians and Researchers from various states of Uttar Pradesh, Madhya Pradesh, Chhattisgarh, Uttarakhand, Haryana, Punjab, Rajasthan and Delhi - the capital of India, to discuss the environmental issues, review the role of researchers in protecting the natural resources, address current and future development challenges, place national environmental strategies in a global context and explore the recent innovations in the field of environmental planned approaches towards sustenance of the Mother Nature.

The conference provided a platform for an interdisciplinary, quantitative as well as integrated approach for studying the environmental system, with 66 papers from Science discipline, 52 papers from Social Sciences, 11 papers from Humanities and 18 papers from

Law and Commerce streams. In all 147 papers were presented on varied environment issues, continued with interactive panel discussions and briefing on the topics of interest for sustainable development describing new and noteworthy initiatives relevant to the conference theme.

On the 1st October, 2018 at sharp 10:00 AM, the Inaugural Ceremony began with the arrival of the Chief Guest Honorable Shri C.R. Chaudhary, Minister of State Commerce & Industry and Consumer Affairs, Food and Public Distribution, Government of India. Principal Professor Sneh Saxena, Professor Adarbad Motafram, HOD Geography and Conference Convener; Professor Milan Kumar Yadav Organizing Secretary of EICAS, Professor S. K. Bissu, Professor N. L. Gupta, Professor Binay Kumar, Professor Yogendra Saini, Professor K. G. Badana, Professor Jitendra Marothiya heartily greeted and welcomed the Chief Guest.

The function started with the Lightening of the Lamp before Maa Saraswati and the Vedic enchantment of the Mantras.

Principal, Professor Sneh Saxena welcomed the Chief Guest by presenting Bouquet and the Organizing Secretary; Professor Milan Kumar Yadav garlanded the Chief Guest.

Professor Adarbad Motafram, HOD Geography and Conference Convener welcomed the Keynote Speaker Professor H. S. Gupta, eminent Professor of Geography from Pandit Ravishankar Shukla University, Raipur, Chhattisgarh and Founder Patron of Chhattisgarh Bhoogol Parishad.

Professor Ajay Kumar Sharma welcomed the Principal and Chairperson of the Conference Professor Sneh Saxena by presenting Bouquet.

Eminent Professors from various renowned Universities of India were also welcomed and honoured on the occasion- Professor R. V. Verma from Kanpur; Professor Santosh Shukla from Sagar University, Madhya Pradesh; Professor R. N. Mishra from Rajasthan University, Jaipur; Professor B. L. Teli from Garhwal University, Uttarakhand; Professor K.K. Sharma, Rtd. Principal Government College, Churu; Rtd. Professor V. C. Sharma, Rtd. Professor L. C. Verma, Retd. Prof. P.R. Jain and Ashok Mishra.

Professor Milan Kumar Yadav, the Organizing Secretary of the EICAS. heartily welcomed and thanked the Chief Guest Honorable Shri C.R. Chaudhary, the Keynote Speaker Professor H. S. Gupta, Principal and Chairperson of the Conference, Professor Sneh

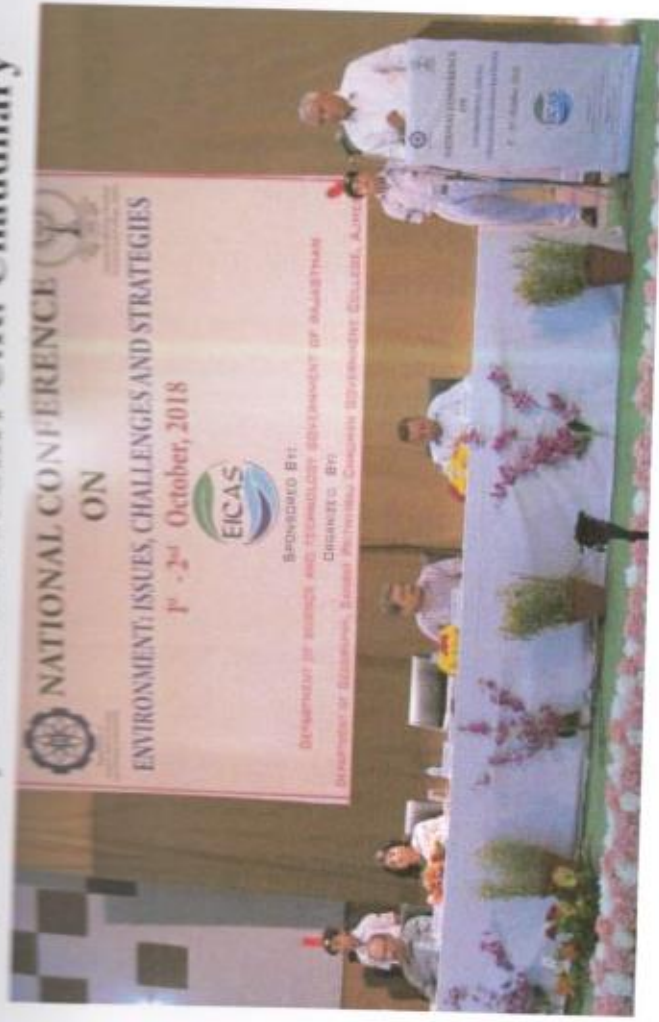
Saxena, HOD Geography and Conference Convener Professor Adarbad Motafram, the delegates and the members of the Press in his inimitable style. While introducing the Conference theme Professor Milan Kumar Yadav said today our country is riddled with a number of environmental concerns hence it is essentially advisable to become a protector, producer and a care taker of the natural resources and not the predator, polluter and the consumer of the Earth. Assuring that the conference will help a lot in understanding the conceptual issues of the environment and pave way to understand the challenges and measures for sustainable development, he focused on the sub- themes of the conference- Biodiversity, Pollution, E-Waste Challenges, Climate Changes and Detection using GIS and Remote Sensing Techniques, Environmental Policies, Acts and Regulations, Environmental Ethics and many more such issues.

To enhance the quality and provide encouragement to young researchers, an Abstract-cum-Souvenir of the National Conference on "Environment : Issues, Challenges and Strategies" was also unveiled by the Chief Guest Shri C.R.Chaudhary; Principal and Chairperson Professor Sneh Saxena; Keynote Speaker Professor H.S.Gupta; HOD Geography and Conference Convener Professor Adarbad Motafram; Organizing Secretary of EICAS Professor Milan Kumar Yadav. The Souvenir not only chronicles the abstracts of the paper-presenters and writing prowess and awareness about challenges and strategies about environment issues along with the inspiring messages by the Esteemed Vasundra Raje the Chief Minister of Rajasthan; Honorable Shri C.R. Chaudhary, Minister of State Commerce & Industry and Consumer Affairs, Food and Public Distribution, Government of India; Honorable Shri Bhupendra Yadav, Member of Parliament, Rajya Sabha; Honorable Smt. Kiran Maheshwari, Minister Higher, Technical and Sanskrit Education, Science and Technology Department, Government of Rajasthan; Honorable Professor Vasudev Devnani. State Ministers (Independent Charge) Education (Primary & Secondary Education), Language, State Ministers Rural Development, Panchayati Raj & Primary Education Part of Panchayati Raj as a Independent Charge, Government of Rajasthan; Honorable Smt. Anita Bhadel, State Minister, Ministry of Women and Child Development, Government of Rajasthan; Honorable Professor B. L. Choudhary, Chairman Board of Secondary Education, Rajasthan. After the release the much awaited Souvenir was distributed among the delegates.

**DR. MIHAN YADAV (Org. Sec.) Presenting Memento
to Shri C. R. Chaudhary (Chief Guest)**



Speech by Chief Guest Shri C.R. Chaudhary



Release of Souvenir cum Abstract



Inaugural Function



Professor H. S. Gupta in the Keynote Address, discussing the man-environment relation emphasized that Man is the product of the Earth. While detailing on the various ways in which pollution is caused and how it has become almost mandatory for us to accept the challenges, he emphasized everyone to be aware of their responsibilities. Earth does not belong to Man but Man belongs to the Earth. Thus his role is that of the Managing Trustee of the environment. By sharing stories, ideas and skills Man needs to build empathy, mutual respect and create the motivation to make wise decisions for the collective good of the society.

The Chief Guest while delivering his Speech recollected his memories as a Professor of Geography in S. P. C. Government College, Ajmer and warned the society about the alarming consequences of Environmental Pollution and advised to adopt a Zero Tolerance Policy to minimize it. The most important way of adapting it is through financial and technical support of the government machinery for Clean Energy and Resilience building. The prospect of change can be seen daunting but it's also exciting as it opens a world of possibilities for how we live, how we optimize resources and how we can position as a preferred producer of low carbon products. He made a categorical reference in his Address to a simple understanding of Green Technology as a technology that does not produce pollution. Through green initiatives towards making the society pollution less and for lesser carbon emission, he made an appeal to every person present in the function that propagating green technology should be an individual effort culminating in group movements. In the position of a Union Minister he placed the objectives of various environment related Government Programmes and Policies i.e. Ujawala Yojna, Swachh Bharat Abhiyan, Namami Gange, Sukanya Samiridhi Yojana and Green City Mission. He encouraged the Department of Geography and especially the Organizing Secretary for being a front runner to take on the challenges and walk on the road less travelled by others to reach the pinnacle of success.

In the Presidential Speech, Professor Sneha Saxena cited examples of heightened awareness of the common man regarding environmental preservation and sustainable development.

'ACHIEVERS AWARD' was introduced by the Department of Geography to encourage the talented and dedicated students of Geography. Two students who qualified the National

Eligibility Test (NET) for Lectureship along with their Post-Graduation were chosen for the award. The Chief Guest, honorable Shri C. R. Chaudhary presented the 'Achievers Award' to Master Himanshu Singh Mahawar and Master Mahendra Saini.

The Chief Guest also honored the renowned Professors – Prof. R. V. Verma, Prof. Santosh Shukla, Prof. R. N. Mishra, Prof. B. L. Teli, Prof. K. K. Sharma, Prof. V. C. Sharma and Prof. L. C. Verma by presenting Mementos.

The Organizing Secretary of EICAS Professor Milan Kumar Yadav as a token of honour and thanks presented Mementos to the Chief Guest, Honorable Shri C. R. Chaudhary and the Keynote Speaker, Professor H. S. Gupta.

Professor Adarbad Motafram, HOD Geography and Conference Convener proposed the formal Vote of Thanks.

The Members of the Organizing Committee - Dr. Ajay Sharma, Dr. Pratibha Sharma, Dr. Madhu Singh, Dr. Sunita Pachori, Dr. Yogendra Saini, Dr. Binay Kumar, Dr. Sunil Sharma, Dr. Jai Narayan Gurjar, Dr. Kirti Choudhary, Dr. Renu Poonia, Ms Richa Rawat, faculty members from other Departments and PG students along with the delegates and research scholar were present throughout the function.

I Technical Session

Technical Session I was held on 1st October, 2018 between 12:30 to 2:00 PM in four parallel halls on different themes.

The 1st Technical Session held at Geography Lecture Theatre (GLT) started with the presentation of Jyoti Sachan, Assistant Professor in Food and Nutrition, S.M.M. Govt. Girls College, Bhilwara on Food Waste discharged from various sources – food processing industries, households hospitality sector, waste from fresh vegetables, fruits, meat, bakery, dairy products, etc. has increased. The kitchen food waste is the best alternative for biogas production in community level biogas plant and its slurry provides valuable organic manure.

Priyanka, a research scholar from Deptt. of Environment Studies, Punjab University, Chnadigarh was concerned with the health risks associated with long term Consumption of

Reverse Osmosis (RO) water. Removal of minerals like sodium, magnesium and iron makes the water unhealthy. Consumption of low mineral content water has a negative effect on homeostasis mechanisms and leads to cardiovascular disorders, tiredness muscular cramps.

Deepali Lall, Astit. Professor in Zoology, S.D. Govt. College, Beawar, emphasized on the rise of bio-pesticides instead of chemical fertilizers as they are less harmful and can easily be washed away.

Dinesh Meena discussed the need to protect the endangered species - *Sterna Aurantia* (Indian River Tern), *Threskiornis melanocephalus* (Black Headed Ibis), *Limosa limosa* (Black Tailed Godwit), *Myceteria Leucophal*, *Anhingia Melanogaster*, *Aythya Fernia*, *Cinconia Episcopus* which are found near Jaisamand Lake, Silisad Lake and Nathani ka Baada. Eco-tourism in Alwar will help in regional development, employment to locals and conserve the species.

The session was Chaired by Prof. R. V. Verma, Co-Chaired by Dr. Seema and Rapporteur for the session was Dr. Jitendra Kumar Marothiya.

1st Technical Session in Conference Hall began with Vinita Agarwal's presentation on Particulate Matter Pollutants Emission and their effects on Brick Kiln workers in Bijainagar, Ajmer. Brick Kiln Workers are highly exposed to respiratory problems, gastrointestinal and skin diseases. Mitigation measures were suggested in the study.

Surmai Sharma's paper provided information of the environmental pollution index in India and serious health disorders faced by Indian youth.

Dr. Harish Samaria, a Post-Doctoral Fellow from University of Rajasthan, Jaipur presented the paper on Drought Crisis in Rajasthan and their Management. He stated there is a need for effective and efficient relies on accurate and timely assessments of soil crop, micro climate and its linkage with livelihoods support programme to bigger mitigation and emergency response program at grassroots level.

Dharmendra Charrang, a Research Scholar from University of Rajasthan, Jaipur while presenting the paper on "Impact of Livestock Emission on Global Warming and its Mitigating Strategies" observed that the agricultural sector emits the highest amount of methane which is second most important greenhouse gas. This once emitted remains in the atmosphere for approx. 9-15 years. Mitigation of methane emissions in livestock mainly through improved genetic selection, modification of dietary, consumption through rumen microbial manipulation is desirable.

Arvind Yogi, Research Scholar from MLSU, Udaipur presented the paper on "Mitigating Impact of Mining on Environment, Mining activities adversely affect environment causing pollution and various occupational diseases like Silicosis and Asbestos. Proper Environment Impact Assessment and sustainable mining with minimum wastage and proper reclamation of mining pits is the need of the hour. Wet drilling, installation of filter press, limiting use of blasting and use of technology, plantation on slurry dumps, conservation of Top Soils, construction of sub surface dams before mining and converting mine pits to water reservoir will help conserve water and eco-friendly mining were the suggested measures for the overall development of Economy of Rajasthan.

Manish Kumar Sharma while presenting the paper on "E-Waste and its effect on Environment" was highly concerned about the quantity of E-waste and discarding of the same. Also its upcoming global environmental and public health concern.

The technical session was Chaired by Prof. Santosh Shukla, Co-Chaired by Prof. H.N. Mourya and Rapporteur of the session was Dr. Sandhya Pathania.

1st Technical Session in Geography Lab began with the presentation of Savitri Patidar, Ass. Prof. from Govt. Meera Girls College, Udaipur. The paper on "Ambiguities of Livelihood Sustainability and Off-Farm Survival Tactics in Tribal Society of Southern Rajasthan" was an attempt to explore the livelihood strategies of the tribal people who sustain their existence in unfavorable conditions.

Dr. Rekha Yadav, HOD, Deptt. Of Philosophy, SPCGCA presented paper on "Environmental Problems Solutions and their ethical examination. Area of environmental

Valedictory Session Special Guest

Prof. R. N. Mishra



Valedictory Session Chief Guest

Prof. Santosh Shukla



**Vote of Thanks by Dr. Milan Kumar Yadav
(Organizing Secretary)**



Young Scientist Award to Ms. Yashica Yadav



ethics studies the adverse consequences of human conduct regarding nature. Anthropocentric Solutions are unethical but teleological, bio-centric theories are also dissatisfactory. There is need of reason and heart both to solve the problems of environment degradation.

Priyanka Upadhyay, Research Scholar, MLSU Udaipur presented the paper "Spiritual Tourism in Ajmer: Need of Sustainability". It discussed the challenges of sustainability and environmental problem in Ajmer City and the need to create public awareness.

Lakhwinder Kaur's presentation on "Mapping the Spatial Distribution of Groundwater Quality using GIS and Interpolations in Panipat, Haryana" discussed the variability of water quality parameters and the best interpolation method for the groundwater quality studies in Haryana.

Pawan Kumar, research Scholar from Lovely Professional University Jalandhar, discussed the traditional Environmental wisdom, Belief System and Practices about Environment Conservation in the Presentation.

Jayant Singh Tomar, Advocate from Lucknow High Court, Lucknow enlightened the audience about the Environment Legislations in India and emphasized that the need of the hour is effective enforcement and implementation of these legislations to control and monitor ever increasing environmental pollution.

The session was Chaired by Prof. R. N. Mishra, Co-Chaired by Dr. V. K. Loyal and the Rapporteur was Dr. Purnima Singh.

1st Technical Session in 3003 Room began with Anju Singh's presentation on "Tourism: A Catalyst for Environmental Degradation". The paper dragged everyone's attention to the sufferings, pain and agony of the Pushkar Town and to instill in the minds of the people that every action counts and has direct bearing on the natural unparalleled gift of soothing environment.

Sarita Chanwaria's presentation "Eco-criticism and ecological sustainability: Green Voices to save the Planet" discussed the emerging theory of Eco Criticism and its relevance

in present scenario. It also explored how literature can be instrumental in spreading environmental awareness giving valuable and constructive suggestions regarding conservation and sustainable use of natural resources and salvaging nature from impending disaster.

Papers were presented on varied themes such as: Are Floods Natural Disaster?, Restoration of Urban Water Body: Need to Assimilate Values, Effect of Business Environment on Indian Tourism Industry, Changing pattern of Environment Tourism, Indoor Air Pollution and its Effect, Impacts of Stone Quarrying on Ambient Air Quality.

The Session was Chaired by S. K. Bissu and Rapporteur for this session was Vikas Saxena.

II Technical Session

After Lunch at Principal Bungalow, IInd Technical Session was held on 1st October, 2018 from 3:00 to 5:00 PM in four parallel halls.

In the 2nd Technical Session in Geography Lecture Theatre (GLT) the main presentation were: "पर्यावरण एवं पर्यटन का स्वरूप" by Dr. J. P. Sharma from University of Kota; "अजमेर जिले के सरकारी उच्च प्राथमिक विद्यार्थियों की पर्यावरण के प्रति जागरूकता का अध्ययन" By Pushpa Sharma from All Saints School, Ajmer; "Spatial Pattern of Population Distribution" by Dr. Bhartendu Gautam from Govt. College Bundi; "Avian Diversity of Banas River Area with Special reference to New Eco-Tourism Destination" by Dinesh Meena from Poornima University, Jaipur; "Role of Inorganic Inhibition and Catalytic Autoxidation of SO₂ in Environment" by Dr. Rashmi Sharma; "Butterfly Diversity of regional Institute of Education, NCERT, Ajmer Campus: Current Status and Future Concerns in Light of Ajmer Smart City" by Dr. Vivek Sharma.

The Session was Chaired by Prof. Santosh Anand from M.L.V. Government College, Bhilwara and Co-Chaired by Prof. Mali Ram Verma from Govt. College, Kaladera and Rapporteur was Dr. Sushma Garu from Government College, Chittorgarh.

The main presentation in the second Technical Session held in the Conference Hall were: "Urban Wildlife: A new sector of Eco-tourism" by Mriganka Upadhyay Asst. Professor from Sophia Girls College, Ajmer; "Negative Impact of E-Waste on Environment" by Annu Bhardwaj from Sophia Girls College, Ajmer; "Water Resource Management: Facing Water Scarcity and Environmental Challenges in Thanagazi Block (Alwar Rajasthan)" by Shiv Prakash Meena; "An Overview on Eco-Safe Pest Management Strategies with special reference to Crucifer crop" by Puja Dewanda from S.D. Govt. College, Beawar..

The Chairperson of the session was Prof. S.C. Kalwar from Rajasthan University, Jaipur and Rapporteur was Narendra Nirwan from S.D. Govt. College, Beawar.

The second technical session in Geography Lab started with Meenakshi Yadav's paper on "Environmental Ethics" followed by Shikha Mathur's presentation on "E-waste the new challenges".

Other Presentations were "Environmental Legislation: Issues, Challenges and Opportunities" by Paridhi Yadav; "Impact of Pollution on Barali Hurda with reference of Zoo-Planktonic Population" by Arpita Vijayvergiya; "Impact of Urbanization on Wetland in Central Aravalli Foothills, Ajmer" by Umesh Dutt; "Mobile Phone Generated Electro-Magnetic Field Radiation as Potential Threats to the Health: Pros and Cons in Recent Scenario by Ratna Dhavan; "जल प्रदुषण – अजमेर जिले का अध्ययन" by Renu Gaur, levels of Aldrin and endosulfan pesticide residues in green Fodders of Ajmer city by Pratima Yadav, Assessment of Pesticide Residues in Agriculture Intensive Area of Dausa District and its Adverse Health impact on Farmers by Neha Sharma, Analysis of the Vegetation of Tal Chappar Wildlife Sanctuary Churu by Kiran Sharma, Effect of Heavy Metal Contamination on Vegetation Grown in Agriculture Field Around Explosive Industry by Priti Bhargava.

The Session was Chaired by Prof. B.I. Teli from Garhwal University, Uttarakhand; Co-Chaired by Yogesh Sabbal from Govt. College, Kaladera and Rapporteur of the Session was Dr. Narendra Gupta from Govt. College, Chittorgarh.

The Second Technical Session in 3003 Started with Priyanka Kumawat's Presentation on the Topic "Antifungal activities of Copper Surfactants derived from Neem

Registration Desk & Distribution of
Conference Kit



Technical Session I in Geography Lecture
Theatre (GLT)



Technical Session I in Geography Lab



Technical Session I in Conference Hall



and karanj oils”; The presentation was Followed by Kranti Poonia’s paper on Solid Waste Management in two urbanized villages in Bikaner City; Mohd. Mohsin’s paper on “मकराना में संगमरमर उद्योग: पर्यावरणीय व स्वास्थ्य सम्बन्धी चिंताएँ”; Ramgopal Chaudhary’s paper was on “पर्यावरण प्रदूषण का मानव स्वास्थ्य पर प्रभाव”; Bharat Lal Meena’s Presentation “बीजीय मसलो का सान्नाजिक, आर्थिक एवं पर्यावरणीय प्रभाव (अजमेर जिले के सन्दर्भ में)”; Biomonitoring of Eutrophication at The land Water Interface: A Case Study of Anasagar lake of Ajmer by Renu Sharma, Exploring Socio-Cultural Capital and its Relevance for community development Strategy in Mewat Region, Haryana by Dr. Naresh Kumar From JNU, Delhi.

Green Accounting and Reporting by Prerna Jain, Environmental laws in India by Chanda Keswani; “संस्कृति के संवर्धन में पारिस्थिकी पर्यावरण” by Poras Kumar; Tourism; A Catalyst for Environmental Degradation by Anju Singh; Silicosis: A Health Hazard of Quartz and Feldspar pulverizing Industry of Ajmer District by Richa Rawat.

The Session was Chaired by Dr. Kirti Choudhary from S.P.C. Govt. College, Ajmer; Co-Chaired by Mukesh Sharma S.P.C. Govt. College, Ajmer and Rapporteur of the Session was Kashmir Bhatt from M.L.V. College, Bhilwara.

After Technical Sessions and short Tea break, a Field trip to Pushkarwas organized for the delegates and scholars. On Arrival, Dinner was served at the Principal Bungalow.

Young Scientist Award

On the Second Day of Conference from 09:00 AM to 12:00 Noon, Young scientist Award Session was held in the Conference Hall. 17 Young Scholars competed for the Award on varied topics: “Quality Assessment of Ground Water Resources” by Garima Sharma; “Qualitative and Quantitative Analysis of Air Pollutants Using Spectroscopic Techniques” by Bharat P. Shivnani; “Hydrochemical characterization and groundwater quality appraisal of Bist-Doab region, Punjab, India” by Gagandeep Singh; “भारत में दुग्ध उद्योग का विकास” by Sohan Lal Ahir; “Effects of Climate Change on Agriculture: With Special reference to Rajasthan” by Chetan Choudhary; “जयपुर जिले में पर्यावरण प्रदूषण का स्वास्थ्य पर पड़ता प्रभाव: एक अध्ययन” by Rajesh Kumar Meena; “Green Accounting and its need in 21st century” by Maitreyi Yadav; “To Explore

Potential of *Veronica Cinerea* Stem Extract" by Sabeena Bano; "Keratin waste: A threat to the environmental and its biodegradation" by Renu Jangid; "Pesticides impact on environment and biopesticides" by Suman Lora; "Genetic Diversity" by Nilima Nimawat; "Ocean Warming:-A symptom of Global Warming" by Yashica Yadav; "Environmental Ethics: Antropocentrism and Non Antropocentrism" by Raymond Sunni; "E-Waste Issues" by Ashok Kumar; "Impact of Anthropogenic Activities on Zoo Geography Impact" by Diwaker Yadav; "Env. Aspect of land Resources: A Case Study of Ajmer" by Mukesh Kumar Kumawat.

Prof. S.C. Kalwar, Prof. R.N. Mishra and Prof. R.V. Verma were the judges for this session. The session was conducted and reported by Dr. Kirti Choudhary.

III Technical Session

The Third Technical Sessions on 2nd Oct, 2018 was held from 10:00 AM to 12:30 PM in three Parallel Halls.

In G.L.T. the main presentation were: Differential assessment of Anasagar lake Area: A Geographical Analysis by Mahendra Dhawan, Biogeography of India By Rinku Chauhan, Ecological Study of Pteridophytic Species of Rajasthan by Minakshi Chaudhary, Impact of Anthropogenic Activities on the Avian Fauna of Ajmer District by Divekar Yadav, Phytogeographical Analysis of the Flora of Ajmer District by Surbhi Agarwal; "महिला सकृत्करण से जुड़ी कल्याणकारी योजनाओं द्वारा अजमेर के ग्रामीण परिवेश" by Deepak Sanwariya; "नरुत्थलीकरण: एक अध्ययन अजमेर के सन्दर्भ में" Dimpesh Saini .

The Session was Chaired by Dr. Narayan Lal Gupta and Rapporteur was Dr. Deep Singh.

The Third Technical session in Geography Lab was Chaired by Subroto Dutta, Co-Chaired Jayant Tomar and Rapporteur was Richa Rawat.

The Catchy Presentations were: Productivity Fluctuations of Bicheri Lakes by Vikas Saxena; "इ-अपशिष्ट तथा पर्यावरण पर इसके प्रभाव" by Dr. Sarita Sharma, Carbon Sink Potential and its Management in Wetlands of Mithila Plain by Dr. Binay Kumar; Plastic- A Short Vision disaster by Bavana Bishnoi; Prospects of Ecotourism in Rajasthan by Himanshu

Technical Session II in Geography Lab



Technical Session II in Conference Hall



Technical Session II in Geography Lecture Theatre (GLT)



Lunch After Technical Sessions



Singh Mahawar; Health and Economic Development by Dr. Vijay Kumar; Assessment of Trophic Status of Hamir Pond, Kishangarh by Dr. Rakesh Kumar Baser; "पर्यावरण संरक्षण में पर्यटन" by Dr. Jitendra Kumar Marothiya; Effects of Business environment on Indian Tourism Industry by Dr. Archana Tiwari.

The Main Presentation in The Third Technical in 3003 were: "General Issues and Concerns of Environmental Degradation" by Dr. Tara from Government Girls College, Ajmer; "A Medicinal Plant of Rajasthan, Aegle Marmelos (Bael)" by Dr. Preeti Mathur; "Causes Natural Disaster" by Dr. Lalita Sukhija, "पर्यावरण पर्यटन" By Dr. Seema Gotwal; "Pesticides impact on Environment and Bio Pesticides" by Dr. Suman Lora; "Need and Significance of sustainable Development In Indian Society" by Dr. Pratap Pinjani; "The Environmental Components of Vedic Aryan Religious Traditions" by Dr.Lata Agarwal; "Traditional Water Harvesting in Rajasthan: An Age Old Practice for sustainable Water Management" by Dr. Krishna Mishra; "A Study of E-Waste Management and its Impact on Public Health" by Dr. Harbhan Singh; "हिन्दू और पारसी धर्म और संस्कृति में पर्यावरण चेतना और वर्तमान समय में इसकी प्रासंगिकता" by Dr. Liladhar Soni; "भारतीय दार्शनिक दृष्टि" by Dr. Ramanand Kuldeep .

The Session was Chaired by Dr. Rekha Yadav from S.P.C. Govt. College, Ajmer, Co-chaired by Dr. Ashok Mishra and Rapporteur Mriganka Upadhyay, After a short Tea Break all participants met once again in the conferences hall for the plenary session at 01:00 PM.

Plenary Session

Prof. R. N. Mishra, Retired Professor from Rajasthan University, Jaipur was the first speaker of the Plenary Session who guided the researchers on how to use Statistical Tools & Techniques in actual and applied aspects. Discussed about Chi-square Test, t-test, F-test, ANOVA, U-test, etc. for the research work.

Prof. S.C. Kalwar, Retired Professor from University of Rajasthan, Jaipur explained the various methods of sampling, collection of samples, data analysis regarding population sample, consequences of population growth and solution to the growing population problem.

Prof. B. L. Teli, Retd. Prof. from Garhwal University, Uttarakhand discussed the impact of Eco-Tourism and Environmental Sustainability with special reference to the Environmental Problems of Garhwal Region.

Prof. Santosh Shukla, Retd. Prof. from Sagar University enlightened the delegates and research scholar about various concept of urban geography, relevance of theories of urban settlement, consequences of growing urban centers, urban sprawl and slum problems.

Valedictory Session

Valedictory Session started after Lunch Break at 3:00 PM in the Seminar Hall. Prof. Santosh Shukla, from Sagar University was the Chief Guest and Prof. R. N. Mishra from University of Rajasthan, Jaipur was the President of the Session. The function started with the welcome of the guest by the Organizing Secretary. The Report of the Conference was presented by Dr. Kirti Choudhary. With special request from the judges and the delegates present in the 'Young Scientist Award' session four researchers were selected for the award. The Chief Guest presented Award to the Young Scientists, Garima Sharma, Research Scholar of Geography from University of Rajasthan, Jaipur; Diwaker Yadav, Research Scholar of Zoology from S.P.C. Govt. College, Ajmer; Renu Jangid, Research Scholar of Botany and Yashica Yadav, Research Scholar of Geography from S.P.C. Govt. College, Ajmer stood First, Second and Third respectively. The awardees were given certificates and also the cash prizes.

Jayant Tomar, Advocate, Lucknow High Court suggested inviting judiciary members for such conferences to express their legal views also. Vikas Saxena, Astd. Prof in Zoology from S.D. College, Beawar congratulated organizers and team for making this event a huge success. Gagandeep, a Research Scholar from Punjab University, Chandigarh expressed their various views about the Conference.

Prof. Santosh Shukla thanked the organizers for the event and praised the team spirit in this Address as Chief Guest. Prof. R. N. Mishra gave the Presidential Address. The Organizing Secretary, Dr. Milan Kumar Yadav presented the Vote of Thanks.



Valedictory Session Chief Guest
Prof. Santosh Shukla



Valedictory Session Special Guest
Prof. R. N. Mishra



Young Scientist Award to Ms. Yashica Yadav



Vote of Thanks by **Dr. Milan Kumar Yadav**
(Organizing Secretary)



Valedictory Session

Valedictory Session started after Lunch Break at 3:00 PM in the Seminar Hall. **Prof. Santosh Shukla, from Sagar University was the Chief Guest and Prof. R. N. Mishra from University of Rajasthan, Jaipur was the President of the Session.** The function started with the welcome of the guest by the Organizing Secretary. **The Report of the Conference was presented by Dr. Kirti Choudhary.** With special request from the judges and the delegates present in the 'Young Scientist Award' session four researchers were selected for the award. **The Chief Guest presented Award to the Young Scientists, Garima Sharma, Research Scholar of Geography from University of Rajasthan, Jaipur; Diwaker Yadav, Research Scholar of Zoology from S.P.C. Govt. College, Ajmer; Renu Jangid, Research Scholar of Botany and Yashica Yadav, Research Scholar of Geography from S.P.C. Govt. College, Ajmer stood First, Second and Third respectively.** The awardees were given certificates and also the cash prizes.

Jayant Tomar, Advocate, Lucknow High Court suggested inviting judiciary members for such conferences to express their legal views also. **Vikas Saxena, Astd. Prof in Zoology from S.D. College, Beawar** congratulated organizers and team for making this event a huge success. **Gagandeep, a Research Scholar from Punjab University, Chandigarh** expressed their various views about the Conference.

Prof. Santosh Shukla thanked the organizers for the event and praised the team spirit in this Address as Chief Guest. **Prof. R. N. Mishra** gave the Presidential Address. The Organizing Secretary, **Dr. Milan Kumar Yadav** presented the Vote of Thanks.

Conclusion

This conference has helped solidify need of sustainable development. We must take away from this conference the seven generations approach from the Aboriginal peoples with concern for the future health of the planet. Many aspects of environmental issues were discussed and mitigating strategies for protecting the same were addressed. An integrated approach is needed for optimal results. Some of the measures are:

1) Energy:

- a) Energy efficiency is the number one priority for low-hanging fruit to reduce carbon emissions. Renewable energy sources that are currently available should be promoted widely, accompanied by continuous investment in innovation for new energy technologies.
- b) Carbon pricing is an effective way of stimulating investment in the right areas.
- c) Subsidies should be eliminated for polluting energy technologies, to create a level-playing field with renewable energy technologies.

2) **Social Awareness:** It is the need of the hour to spread social awareness about the dangers of pollution. It is also required how each individual can contribute to check this problem.

3) **Population Control:** If environment is to be protected it is essential to check population growth.

4) **Strict Application of Environment Conservation Act:** The Environment (Protection) Act was passed in 1986 in India. Its objective was to check deterioration in the quality of environment. This legislative measure should be strictly enforced.

5) **Control over Industrial and Agricultural Pollution:** It is necessary for environmental protection that air and water pollution caused by industrial development should be controlled properly. To avoid agricultural pollution, use of pesticides and chemical fertilizers should be minimized.

6) **Afforestation Campaign:** Extensive afforestation campaign should be launched in the interest of environment protection.

7) **Water Management:** River waters should be made clean. Moreover, provision should be made to supply clean drinking water to the rural population.

8) **Management of Solid Waste:** Planned management of solid waste is very essential. It is suggested that rural garbage be converted into compost.

9) **Improvement in Housing:** Living places of the people should be made neat and clean. Slums should be replaced by airy and well lighted dwelling houses. To conclude the discussion, it is said that economic development and environment protection should be made complementary to each other. Clean environment is the basic requirement of healthy living.

