

Programme Schedule SASE 2023

National Conference

on

**SCIENTIFIC ADVANCEMENT FOR
SUSTAINABLE ENVIRONMENT, HERBAL MEDICINES AND
IMPACT ON HEALTH: AN EARTH DAY CELEBRATION (SASE)**

22-23 April, 2023

K.N. Udupa Auditorium

Institute of Medical Sciences, BHU, Varanasi

JOINTLY ORGANIZED BY

 <p>काशी हिन्दू विश्वविद्यालय BANARAS HINDU UNIVERSITY</p> <p>Department of Dravyaguna Faculty of Ayurveda Institute of Medical Sciences Banaras Hindu University, Varanasi</p>	 <p>INSTITUTE OF MEDICAL SCIENCES B.H.U.</p> <p>Institute of Medical Sciences Banaras Hindu University, Varanasi</p>	 <p>NATIONAL ENVIRONMENTAL SCIENCE ACADEMY वसुधैव कुटुम्बकम्</p> <p>National Environmental Science Academy, New Delhi</p>
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 <p>Department of BioTechnology, Government of India</p> <p>सत्यमेव जयते</p>	 <p>INSTITUTIONS OF EMINENCE (IoE) SCHEME</p> <p>BANARAS HINDU UNIVERSITY, VARANASI</p>
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Day 1: 22nd April, 2023

Breakfast (08:00 AM to 09:00 AM)

INAUGURAL SESSION AND AWARD CEREMONY (09:00 AM to 11:20 AM) K.N. Udupa Auditorium	
09:00-09:30	Entry of guests and delegates to the conference room. Customary welcome of esteemed guests and delegates & lighting of the lamp and BHU Kulgeet
09:30-09:35	Welcome address and briefing the conference by Prof. Anil Kumar Singh (Convener)
09:35-09:40	Introduction of Department of Dravyaguna by Prof. B. Ram (HoD)
09:40-09:45	Introduction of NESA by Prof. Ashwani Wanganeo , Vice President, NESA & Former: HOD Deptt. of Environmental Sciences & Limnology, B. University, Bhopal., Director, University Institute of Technology, B. University, Bhopal.
09:45-09:50	Introduction of the faculty of Ayurveda by Prof. K.N. Dwivedi (Dean)
09:50-09:55	Address by Guest of Honour
09:55-10:00	Address by Honorable Chief Guest
10:00-10:05	Release of Abstract Book
10:05-10:45	NESA AWARD CEREMONY, 2023
10:45-11:00	Felicitation of Chief Guest and Guest of Honour
11:00-11:05	Vote of Thanks by Organizing Secretary
Tea Break and Interaction (15 Min.)	

TS1A: Session-I (11:20 AM- 01:30 PM) K.N. Udupa Auditorium	
Chairperson: Prof. Ajay Gupta , Maharishi Markandeshwar, Ambala, Haryana, India Co-chairperson: Dr. Arun K Dwivedi (Faculty of Ayurveda, BHU, Varanasi) Rapporteur: Dr. Vinod Tiwari (IIT-BHU, Varanasi)	
11:20-11:45	Keynote Talk by Prof. Rana Pratap Singh , School of Life Sciences, Special Centre for Systems Medicine, Jawaharlal Nehru University, New Delhi, INDIA -110067. " <i>Chemoprevention of Cancer-Research and Relevance</i> "
11:45-12:00	Invited Talk by: Dr. Gulshan Wadhwa , Director and Scientist F in the Department of Biotechnology, Ministry of Science & Technology, Government of India. " <i>Cancer Prevention and Chemotherapy</i> "

12:00-12:10	Prof. Pawan Kumar Verma ,(SKUAST-Jammu, J&K), Ameliorative potential of quercetin on plasma renal biomarkers, oxidative and histopathological changes in renal tissue induced by gentamicin in Wistar rats.
12:10-12:20	Prof. Alluri VenkataNagavarma ,(AdikaviNannyya University, Rajahmundry), Current Needs of Making Changes in Transportation and Energy Policies to Mitigate the Bad and Harmful Impacts of Environmental Pollution: An Indian Perspective.
12:20-12:30	Prof. K. Palanivelu ,(Anna University, Chennai), Observed and future temperature of Tamil Nadu state and addressing the challenges of heat stress.
12:30-12:40	Prof. Debidas Ghosh , (Vidyasagar University, Midnapore), Pre-Clinical Parallel Therapy Of Phytoceuticals Mixture With Gold Standard Drug For Diabetes Management In Rat: Genomic And Proteomic Approaches.
12:40-12:50	Dr. Rahul Mahamuni ,(S.B.E.S. College of Science, Aurangabad), Restoration techniques for the conservation of Nathsagar wetland at Paithan in the Aurangabad District of Maharashtra.
12:50-01:00	Dr. RajkumarMaiti ,(Bankura Christian College, Bankura), Ameliorating potential of fenugreek seed extract on sodium fluoride induced spermatogenic and androgenic disorders in male albino rats.
01:00-01:10	Dr. Sadaf Ansari ,(Rajshree Institute Management and Technology, Bareilly), Assessing the influence of salicylic acid on gas exchange and photochemical efficiency of Valerianawallichii DC syn. jatamansi Jones under the influence of drought stress.
01:10-01:20	Dr. Yashwant Singh Tariyal ,(VCSG Uttarakhand University of Horticulture and Forestry, Bharsar), Assessment of bijamrita and organic manures on seed germination growth and yield of Foxglove Digitalis purpurea L.
01:20-01:30	Dr. Adita Sharma ,(Dr. Rajendra Prasad Central Agricultural University, Dholi), Comparative study of breeding performance of cryopreserved milt of Cyprinus carpio and Cyprinus carpio haematopterus.
Lunch (01:30 PM – 02:30 PM)	

TS2A: Session-II (02:30PM- 04:30 PM) K.N. Udupa Auditorium	
Chairperson: Dr. Gulshan Wadhwa, Director and Scientist F in the Department of Biotechnology, Ministry of Science & Technology, Government of India	
Co-chairperson: Dr. Shivani Ghildiyal, Assistant Professor, AIIA, New Delhi.	
Rapporteur: Dr. Lalit Nagar, Senior Resident, IMS, BHU, Varanasi.	
02:30-02:45	Invited Talk by: Prof. R. K. Upadhyay ,(DDU Gorakhpur University, Gorakhpur), Enzymatic alterations in albino mice injected with purified Rhipicephalus microplus tick saliva toxins
02:45-02:55	Invited Talk by: Dr. Sadhucharan Mallick ,(Indira Gandhi National Tribal University, Amarkantak), Green Synthesis of Copper and Copper-based Nanoparticles for their Use in Medicine: Toxicity and Safety.
02:55-03:05	Prof. Debidas Ghosh ,(Vidyasagar University, Midnapore), Pre-clinical parallel therapy of phytoceuticals mixture with gold standard drug for diabetes management in rat: Genomic and proteomic approaches.

03:05-03:15	Dr. Anju Patel ,(CSIR-National Botanical Research Institute, Lucknow), A sustainable way to remove Arsenic contamination using biochar.
03:15-03:25	Dr. Puja Khare , (CSIR-Central Institute of Medicinal and Aromatic Plants, Lucknow), Biochar: A sustainable, circular, and carbon-negative approach to valorize the waste.
03:25-03:35	Dr. Anchal Rana , (Forest Research Institute, Dehradun), Conservation and sustainable use of endangered Himalayan species: A case study in <i>Polygonatum verticillatum</i> Linn.
03:35-03:45	Dr. Tanushri Ghorai , (Dr. Rajendra Prasad Central Agricultural University, Dholi), Dietary Nutraceuticals from Fish and Shellfish and their by-products: Way forward for Healthy Life.
03:45-03:55	Dr. Manish Kumar Vijay ,(ICFRE-Tropical Forest Research Institute, Jabalpur), Efforts of Tropical Forest Research Institute, Jabalpur for the conservation of diminishing medicinal tree species of Central India.
03:55-04:05	Dr. Rashmi Gupta ,(Banaras Hindu University, Varanasi), Role of Herbal Medicines & Ayurvedic Palliative Care in Cancer Management.
04:05-04:15	Dr. Aftab Hossain Mondal , (SGT University, Gurugram), Prevalence and antibiotic susceptibility patterns of colistin resistant Gram-negative bacteria from Delhi stretch of river Yamuna, India.
04:15-04:30	Felicitation of Chairperson, Co-chairperson, and Rapporteur.
Tea Break and Interaction (15 Min.)	

TS2B: Session-III (02:30 PM- 04:30 PM)	
Smart Classroom, Department of Dravyaguna	
Chairperson: Prof. R. K. Upadhyay, Department of Zoology, Gorakhpur University, Gorakhpur.	
Co-chairperson: Dr. Shreyans Jain, Assistant Professor, IIT-BHU, Varanasi.	
Rapporteur: Dr. Daneshwar S. Kannasetti, Senior Resident, IMS, BHU, Varanasi.	
02:30-02:45	Invited Talk by: Dr. Abhishek Kumar ,(Lucknow University, Lucknow) Extraction, Phytochemical screening, Separation, and Characterization of Bioactive Compounds of Medicinal and Aromatic Plants (MAPs).
02:45-02:55	Invited Talk by: Dr. Shivani Ghildiyal ,(All India Institute of Ayurveda, New Delhi), Standardization of <i>Launae nudicaulis</i> (L.) Hook. f. (L.N): A source of classical Ayurvedic herb <i>Gojihva</i> and its wound healing potential.
02:55-03:05	Aabidha Anand , (Banaras Hindu University, Varanasi), Reno protective effect of sodium-copper chlorophyllin on the progression of chronic kidney disease.
03:05-03:15	Abhijit Debnath , (NIET Pharmacy Institute, Noida), Identification of CDK12 inhibitors for the treatment of Ewing sarcoma: An-silico, In-vitro study.
03:15-03:25	Abhishek Sharma , (R.G. Govt. P.G Ayurvedic College & Hospital Paprola, Himachal Pradesh, India), Intervention of Nutraceutical Compounds as an alternative over Pharmaceuticals usage in Promoting overall health and treating lifestyle disorders: A Literary Review.
03:25-03:35	Aishwarya Sahu , (Banaras Hindu University, Varanasi), Role of melatonin in amelioration of BPS induced testicular damages.
03:35-03:45	Albin K Jose , (National Institute of Oceanography, Regional centre Kochi), Impact of a Massive Flood on the Hydrobiology of Kochi Coastal Waters.

03:45-03:55	Amit kumar , (LNMU, Darbhanga), The Impact of Quarantine on sleep quality and Psychological Distress during the COVID-19 Pandemic in Bihar.
03:55-04:05	Amogha G Paladhi , (CHRIST (Deemed to be University), Bengaluru), Herbs - Boon that beholds Magic.
04:05-04:15	Nidhi Ghosh , Department of Zoology, BHU, Impact of Pax6 and Putative Markers of Neuroinflammation
04:15-04:25	Jessica , Department of Bio-sciences & Technology, Maharishi Markandeshwar (Deemed to be University) Mullana, Haryana, India. Production of Aglaonema Sp. Using Micropropagation Technique.
04:25-04:30	Felicitation of Chairperson, Co-chairperson, and Rapporteur.
Tea Break and Interaction (15 Min.)	

PS1: Poster Session-I(02:30 PM- 08:00 PM)	
K.N. Udupa Auditorium	
Chairperson: Prof. Shivaji Gupta (Faculty of Ayurveda, BHU, Varanasi)	
Examiner-1:	
Examiner-2:	
Examiner-3:	
02:30- 08:00	Poster No 001 to 040
1.	Akanksha ,(R.G. Govt. P.G. Ayurvedic College & Hospital Paprola, H.P), Pesticides in food crops and health hazards.
2.	Akanksha Roy , (School of Environmental Sciences, Jawaharlal Nehru University), Identifying common sources of carbonaceous aerosols and metals at two selected sites in North Bihar.
3.	Akansha Srivastava ,(Deen Dayal Upadhyaya Gorakhpur University Gorakhpur -273009), Endocrine disruptors and effect on human reproductive system.
4.	Amit Kumar Verma ,(Cell Biology Research Laboratory, Post-graduate Department of Zoology, Jai Prakash University, Chapra, Bihar), Proteins in Vorticella stalk in search of novel molecular medicines against endogenously encountered panic diseases.
5.	Amrita Chakraborty , (Techno India University, Salt Lake, Sector V, Kolkata), Potential investigation of Antioxidant Capacity by In-vitro and In-silico study of structurally diversified phenolics in Mimosa pudica L. Leaves.
6.	Anchal Tripathi , (MMV, Banaras Hindu University), Triclosan induced apoptosis in the gills of fish, Cyprinus carpio.
7.	Anjali Mishra , (D.D.U. Gorakhpur University, Gorakhpur, 273009, U.P), Biological activity of methoxyfenozide, an ecdysone hormone analogue on rice-moth, Corcyra cephalonica Staint.
8.	Anjali Mishra , (D.D.U. Gorakhpur University, Gorakhpur), Biological activity of methoxyfenozide, an ecdysone hormone analogue on rice-moth, Corcyra cephalonica Staint.
9.	Anku Kandara , (National Institute of Ayurveda, Jaipur, Rajasthan), Uses of some traditional herbal formulations as Pathyaahar Kalpa in various diseases.
10.	Apurva Malik , (Forest Research Institute, Dehradun), Physiological and biochemical responses of some tree species for adapting and mitigating vehicular pollution in Dehradun city of Uttarakhand, India.

11.	ApurvaYadava ,(Arid Forest Research Institute, Jodhpur, Rajasthan), Physiological and biochemical responses of various plants to different water deficit conditions.
12.	Archana Gupta , (DeenDayalUpadhyaya Gorakhpur University Gorakhpur Uttar Pradesh, 273009), Characterization of Rhizobia isolated from different leguminous plants of Gorakhpur.
13.	ArchanaRao ,(DeenDayalUpadhyaya Gorakhpur University, Gorakhpur U.P. India), Pesticides in Food Crops and Health Hazards.
14.	ArunMeena , (Banaras Hindu University, Varanasi),Climate Change and its Impact on Different Indian Regions
15.	Bhumika Jena ,(Kalinga Institute of Industrial Technology, Bhubaneswar), To decipher the phytochemical agent and mechanism for Urtica indica mediated green synthesis of Ag nanoparticles and investigation of its antibacterial activity against Methicillin-Resistant Staphylococcus aureus.
16.	ChandreyiGhosh , (Techno India University), West Bengal), Characterization and Anticancer Potential of Moringaoleifera on LYN Gene.Computational Approach.
17.	DarikaNath ,(ICFRE-Rain Forest Research Institute, Jorhat, Assam), A survey report and supervision of Yongchak (Parkiatimoriana) mortality in Manipur.
18.	Deepak Aggarwal , (Maharishi Markandeshwar (Deemed to be university) Mullana-Ambala), Ayurveda: an important way of lifestyle.
19.	Dr. SuneethaYeguvapalli ,(Sri Venkateswara University, Tirupati-517502), Molecular docking analysis of phytochemicals from Rheum australe against ER- α receptor.
20.	Dubey Supriyaumeshkumar , Effect of copper metal stress in Murray koenigii plant (curry plant)
21.	GarimaKumari ,(Forest Research Institute, Dehradun 248006, Uttarakhand, India), Impact of Climate Change on Phylloscopustytleri, a selected range-restricted bird species of the Western Himalayan region.
22.	Hind BhushanKuniyal , (HNB Garhwal University Srinagar Garhwal- 246174 Uttarakhand), Valuation of Ecosystem Services in a part of Mandal-Chopta Forest of ChamoliGarhwal, Uttarakhand.
23.	JugalSutradhar , (University of North Bengal,RajaRammohunpur, Darjeeling, West Bengal- 734013), Qualitative and quantitative study of extracts of flowering Buds of Mesuaferrea Linn by High Performance Thin Layer Chromatography.
24.	JyothibabuRetnamma , (CSIR-National Institute of Oceanography Regional Centre, Kochi), Climate change and plankton change.
25.	Jyotish Kumar Singh ,(J. P. University, Chapra, Bihar), Study of Medicinal properties of honey in Vaishali district of North Bihar, India.
26.	KanchanTripathi ,(School of Applied and Life Sciences, Uttaranchal University,Dehradun, India), Repurposing of FDA-approved drugs against Human epidermal Growth factor receptor-2 for the treatment of breast cancer:Acomputational study.
27.	KanchanTripathi ,(Uttaranchal University, Dehradun), Repurposing of FDA-approved drugs against human epidermal growth factor receptor-2 for the treatment of breast cancer: A computational study.
28.	KashishMaurya ,(Shambhunath Institute of Pharmacy,Prayagraj), New perception in nutraceuticals as substitute for pharmaceutical.
29.	Krishma Chaudhary ,(DDU Gorakhpur University Gorakhpur)Botany and Botanicals in Environment and Human Health.
30.	KUMARI SHIKHA SINHA ,(Jai Prakash University, Chapra, Bihar), Glyphosate effect on biochemical parameters of catfish clariasbatrachus.

31.	MANISH ARYA ,(CSIR-Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP)Lucknow-226015, Uttar Pradesh), Isolation and Biological Activity of Terpenes Biomolecules.
32.	Manju , (NIA jaipur), Nutraceuticals : New Era of Medicine and Health.
33.	Mayukh Sharma , (National Institute of Ayurveda, Deemed to be University) (Denovo), Jaipur, Rajasthan), Role of Different Herbs on Diabetes, Heart, Liver, Kidney, Skin and Nervous System.
34.	MuskaanWadhawan ,(South Kazakhstan Medical Academy, Shymkent), The dark side of fibre – A critical review.
35.	Nalinaksh Pankaj ,(Magadh University Bodhgaya), Role of Amphibians and reptiles to Ecosystem Services-A Review.
36.	Neha Mehra ,(Rishikul Campus, U.A.U Dehradun), Scope of Ayurvedic Herbs in Diabetes.
37.	Nidhi Singh ,(DDU Gorakhpur University), Investigating the potential of PGPR in modulation of growth of Golden Sweet Potato (Ipomoea batatas) under water stress.
38.	Nidhi Yadav ,(DeenDayalUpadhyaya Gorakhpur University, Gorakhpur), Effects of purified tick saliva toxins on various bio-molecules in blood serum, liver and muscles of albino mice.
39.	OmishaKannaajiya , (DDU Gorakhpur University Gorakhpur, Uttar Pradesh), Golden Sweet Potato (Ipomoea batatas): A sustainable approach towards Vitamin-A deficiency.
40.	Simran Sharma , (Gorakhpur University, Gorakhpur), Effects of venom toxins /peptides from paper wasp Ropalidiamarginata on various haematological parameters in albino mice.

TS3A: Session-IV(04:45PM- 07:00 PM)

K.N. Udupa Auditorium

Chairperson: Shakeel Ahmad Khan, PrincipalScientist/Professor, Division of Environmental Sciences, Indian Agricultural Research, Institute (IARI), New Delhi, INDIA

Co-chairperson: Dr. Abhishek Kumar (LU, Lucknow)

Rapporteur: Dr. Yashoda Rawat (IMS, BHU)

04:45-05:00	Keynote Talk by: Prof. N. Gupta , Principal Scientist, Division of Environmental Sciences, ICAR-Indian Agricultural Research Institute, New Delhi""
05:00-05:10	Invited Talk by: Dr. Vijay K. Mishra ,(Rajiv Gandhi University of Knowledge Technologies, Nuzvid), Development of in vitro androgenic haploid and determination of bioactive secondary metabolites in Cambod tea (Camellia assamica ssp. lasiocalyx).
05:10-05:20	Dr. Amit Kumar ,(University of Allahabad, Prayagraj), New insights in Climate change mitigating technologies by mean of SCCS: a reliable alternative for sustainable environment.
05:20-05:30	Dr. KamleshSisodia ,(Maharani Shri Jaya College, Bharatpur),Household Air Pollution Is also a Health Hazard.
05:30-05:40	Dr. Sulochana Sharma ,(SBRM Govt. PG College, Nagaur), Comparative Study of Physico-Chemical Parameters of Groundwater of Nagaur District, Rajasthan, India.
05:40-05:50	Dr. BhashaShanmugam ,(Sri Venkateswara University, Tirupati), Combinatorial Effect of (-)-Epicatechin and Resveratrol on Antioxidant and Pro-Inflammatory Markers in D-Galactosamine Induced Hepatitis Rats.
05:50-06:00	Dr. Rakesh Verma ,(Banaras Hindu University, Varanasi), Effect of Endotoxin on Female Reproductive Health: Protection by Melatonin.

06:00-06:10	Dr. Sucharita Pal ,(University of Hyderabad, Hyderabad), Environmental effects of Deccan volcanism on biotic changes and K/PgB mass extinction in the Indian sub-continent: organo-molecular evidences.
06:10-06:20	Dr. Vadiraj K T ,(JSS Academy of Higher Education and Research, Mysuru), Production of Biodiesel from a Potential Biofuel Crop Manihotesculenta (Cassava) a Non Edible Oil Seed and its Characterization Methods.
06:20-06:30	Dr. Kuladip Jana (Bose Institute, Kolkata), Elucidating the Cellular and Molecular Mechanism of Natural Product Derived Small Molecules as Anti-cancer and Anti-filarial agents.
06:30-06:40	Dr. PrithvirajKarak ,(Bankura Christian College, Bankura), Arsenic contamination ground water and its impact on human health.
06:40-06:50	Sakshi , Department of Bio-sciences & Technology, Maharishi Markandeshwar (Deemed to be University), Mullana, Ambala, Haryana, India.Tissue culture of orchid Nodal Explants : Comparative Response of Cytokininand Auxins
06:50-07:00	Felicitaton of Chairperson, Co-chairperson, and Rapporteur.

TS3B: Session-V (04:45 PM- 07:00 PM)
Smart Classroom, Department of Dravyaguna

Chairperson: Prof. C.S. Pandey (IMS, BHU, Varanasi)

Co-chairperson:

Rapporteur: Dr. Meghna (IMS, BHU, Varanasi)

04:45-05:00	Invited Talk by: Dr. Somenath Das ,(The University of Burdwan, Bardhaman), Essential oils as next generation chemicals for postharvest protection of food commodities" on April 22, 2023 at the 2nd half.
05:00-05:10	Invited Talk by: Dr. Neha Singh , (Banka BioLoo Limited, Hyderabad, Telangana, India) Faecal Sludge Treatment and Concomitant Resource Recovery.
05:10-05:20	Anjali Yadav , (RGSC, BANARAS HINDU UNIVERSITY), Anidra - A Comparative Study between Ayurveda and Nutraceutical.
05:20-05:30	Anupama , (CSIR-Central Institute of Medicinal and Aromatic Plants,Lucknow, Uttar Pradesh), "Retention of Allelopathic Properties of Extract and Essential Oil ofOcimum Formulated with Biochar for Weedicidal Properties.
05:30-05:40	AnuradhaUpadhyaya , (KIIT Deemed to be University, Banaras Hindu Universitybaneswar, Odisha) Technologicaladvancement for preparing nano-cellulose: a short review.
05:40-05:50	Anurag Panda , (KIIT Deemed to be University, Banaras Hindu Universitybaneswar, Odisha), A review on the multi-directional resource utilization path of Phosphogypsum: An industrial waste.
05:50-06:00	Anusha V Udupa ,(University JnanaBharathi, Bengaluru), role of classical training in modifying age-dependent stress –an online survey based analysis.
06:00-06:10	Arunima.P.S , (Banaras Hindu University Varanasi), role of vyadhikshamatva in the prevalence &management of rajayakshma (pulmonary tuberculosis).
06:10-06:20	AwantikaJaiswal , (BANARAS HINDU UNIVERSITY, Varanasi), Pharmacological and Pharmaceutical significance of RohitakaLata (Tender branches of Tecomellaundulate (Sm.) Seem) and Rohitakatwak (bark).
06:20-06:30	Ayush Kumar Garg , (Banaras Hindu University), Relevance of Vṛkṣhāyurveda in Sustainable Farming and Traditional Health Care: A Review.
06:30-06:40	Surabhi Rai , (Lalit Hari State Post Graduate Ayurvedic College, Pilibhit), Supply Chain Challenges in Pharma Industry.
06:40-07:00	Felicitaton of Chairperson, Co-chairperson, and Rapporteur.

Dinner : (08:00 PM to 10:00 PM)

Day 2: 23rd April, 2023

Breakfast (08:00 AM to 09:00 AM)	
PS2: Poster Session-II (09:00 AM- 01:30 PM) K.N. Udupa Auditorium	
Chairperson: Prof. D.N.S. Gautam, (Faculty of Ayurveda, BHU, Varanasi) Examiner-1: Examiner-2: Examiner-3:	
09:00-01:30	Poster No 041 to 080
41.	Pooja Tripathi , (IMS, BHU Varanasi), contributions of ayurveda in child health care.
42.	Poonam Pal , (Banaras Hindu University, Varanasi), Phytoplankton composition in fresh water bodies in BBAU, Lucknow.
43.	Prabal Ghosh ,(Vidyasagar University, Midnapore – 721102, West Bengal), Curative role of human chorionic gonadotropin, vitamin E and vitamin C on ethylacetate fraction of Terminalia chebula mediated hypo testicular activities in Wistar rat: Genomic and flow-cytometric approaches.
44.	Pranjal , (KIIT DU), Transcriptomic regulation of Salmonella Typhimurium during sonophotocatalysis and the effect of stress adaptation on the antibiotic resistance and tolerance post-treatment.
45.	Premprakash , (National Institute of Ayurveda, (De-novo) Jaipur, Rajasthan), Human Health and Disease.
46.	Priyadarshini Gautam , (Veer kunwarsingh University, Ara, Bihar), Effect of vermicompost on growth of plant Linseed (Linum usitatissimum).
47.	Priyanka Yadav , (DDU Gorakhpur University Gorakhpur U.P), Effect of juvenile hormone analogue pyriproxyfen (an Insect Growth Regulator) on the first larval instar of rice moth, Corcyra cephalonica Staint. (Lepidoptera : Pyralidae).
48.	Rahul Seth , (Ashoka Institute of Technology and Management, Sarnath, Varanasi), Role of different herbs in the management of hyperpigmentation.
49.	Rajan Kumar ,(J. P. University, Chapra, Bihar), Impact of climate change on medicinal plants.
50.	Rajni Devi , (R.G.G.P. Ayurvedic College & Hospital Paprola, Himachal Pradesh), Pesticides in food Crops and Health hazards : A review article.
51.	Raman Kattal , (HNB Garhwal University Srinagar (Garhwal), Uttarakhand, India), Anthropogenic disturbances and special case of destruction of Saussurea obvallata in the Madhyamaheshwar region, Western Himalaya, India.
52.	Sandeep Kumar , (MMV, Banaras Hindu University, Varanasi), Citrullus lanatus seed extract improves antidepressant-induced impaired fertility in the depressed mice.
53.	Sanjeeb Kumar Das , (Regional Institute of Education (NCERT), Sachivalaya Marg, Bhubaneswar, 751022), Herbal Medicine: An Over View.
54.	SANJU KUMARI ,(Indian Institute of Technology, BHU (Varanasi)), Antimicrobial study of isolated compounds from Murraya paniculata.
55.	Savita Singh ,(University of Allahabad, Prayagraj- 211002, U.P), Potential of Hyptissuaveolens and Wedeliachinensis as biopesticides for the effective management of Plutellaxyllostella.
56.	Shambhavi Krishna , (University of Allahabad, Prayagraj), Analysing the dynamics of malaria transmission through modelling in the Chhattisgarh state of India.

57.	OsheenArora ,(Rishikul campus Haridwar), Nutraceutical activity of various herbal drugs and their preparations.
58.	Sudesh Yadav , (School of Environmental Sciences, Jawaharlal Nehru University, New Delhi), Observations on NH 3 air emissions during different stages of crop harvesting at a rural site in Haryana (India).
59.	Sujata Pandey , (Banaras Hindu University, Varanasi-221005), HRMS Characterization and free radical scavenging capacity of polyherbal formulation-JarulVisheshyog.
60.	Supriti Barman , (Banaras Hindu University, Varanasi), Sustain the environment & invest in our planet.
61.	SushmitaChatterji , Sustainable Health and well being through principles of Ayush.
62.	Swati Sucharita Singh ,(KIIT DU)Facile green synthesis of silver nanoparticles using Aloe vera and Andrographispaniculata plant leaf extracts and Investigation of antimicrobial mechanism and biocompatibility towards mammalian cells.
63.	UmnaZareen ,(Ashoka Institute of Technology and Management, Sarnath,Varanasi), Role of different herbs in the management of hyperpigmentation.
64.	UshaC , (Bangalore University, Bangalore-560056) , Technology to Treat Wastewater using Bio-Nanofiber.
65.	Vaibhavi Pandey ,(Shambhunath Institute of Pharmacy, Prayagraj), Environmental Pharmacology: An Approach for Innovation.
66.	Vandana Yadav ,(MMV, Banaras Hindu University, Varanasi), Inhibiting SIRT-2 by AK-7 modulates redox status and inflammation through nrf-2 in experimental model of copd
67.	Vandana Yadav , (MMV, Banaras Hindu University, Varanasi-221005), Inhibiting SIRT-2 by AK-7 modulates redox status and inflammation through NRF-2 in experimental model of copd.
68.	Vartika Malik ,(Banaras Hindu University, Varanasi-221005), Bisphenol S exposure and uterine physiology: Role of melatonin.
69.	Vinita Pandey ,(MMV, Banaras Hindu University, Varanasi) β -endorphin attenuates chronic airway inflammation in tdi induced allergic asthma by via the ros-mapk/ nf-kb signaling pathway in murine model.
70.	SoniKumari , Biochemistry and Molecular Biology laboratory, Department of Zoology, Institute of Science, Banaras Hindu University, Varanasi-221005. Pax6 and putative markers of Parkinson's Disease.
71.	----- Remaining -----

TS4A: Session-VI (09:00AM- 11:00AM) • K.N. Udupa Auditorium	
Chairperson: Prof. K. Nagaiah, Professor, Indian Institute of Chemical Technology (IICT), Hyderabad.	
Co-chairperson: Dr. Sadhucharan Mallick(IGNTU, Amarkantak)	
Rapporteur: Dr. Subhashini(MMV, BHU, Varanasi)	
09:00-09:15	Keynote Talk by Dr. ArunChandan , "Global Issues of Medicinal plant biodiversity"
09:15-09:25	Invited Talk by: Atun Roy Choudhury , Asst. General Manager- Technical, Cube bio Energy Private Limited, 501, KK Plaza, 100 Feet, Road, Ayyappa Society, Madhapur, Hyderabad, Telangana 500081 "A Comprehensive Techno Analysis of Biomedical & COVID Waste-related Handling and Management Situation in India"
09:25-09:35	Dr. Shubham Shukla , (PunjabAyurved medical college & hospital, morjhandakhari, sriganganagar, rajasthan), alternative system of medicine & ayurveda in today era.

09:35-09:45	Dr. ShanmugamBhasha , (Sri Venkateswara University, Tirupati), combinatorial effect of (-)-epicatechin and resveratrol antioxidant and pro-inflammatory markers in d-galactosamine induced hepatitis rats.
09:45-09:55	Dr. PrithvirajKarak , (Bankura Christian College, Bankura, West Bengal), Arsenic contaminated ground water and its impact on human health.
09:55-10:05	Dr. Praveen Joshi , (Govt. M. B. P.G. College, Haldwani, Uttarakhand, India, 263641), Assessing anthropogenic pressure and threats on <i>Paeoniaemodi</i> Wall. exRoyle habitats in GarhwalHimalaya, India.
10:05-10:15	Prof. Nitu Shree , (P.G.Ayurvedic Medical College andHospital, Fatehgarh, Farrukhabad UP), Ethnobotanical studies on some medicinal plants of Sonbhadra district of Uttar Pradesh, India.s.r. toAnasarca.
10:15-10:25	Prof. M.SURESH GANDHI , (University of Madras, Guindy Campus, Chennai),Benthic Foraminifera is a tool for ecology, environment and pollution monitoring studies in east coast of India, Bay of Bengal.
10:25-10:35	Dr. LR.SHANMUGAM , (Government Degree College, Vidavalur, SPSR Nellore District, A.P), Trigonelline a Bioactive compound of <i>Trigonellafoenum-graecum</i> protect Heart tissue for alcohol intoxication: A clinical study with reference to antioxidant enzymes and oxidativestress markers.
10:35-10:45	Dr. KumariSunita , (Gorakhpur University Gorakhpur), Ethnobotanical study of traditional medicinal plants in combating infectious diseases around Devi Patan, Tulsipur district of Uttar Pradesh region.
10:45-11:00	Felicitations of Chairperson, Co-chairperson, and Rapporteur.
Tea Break and Interaction (15 Min.)	

TS4B: Session-VII (09:00AM- 11:00AM)	
Smart Classroom, Department of Dravyaguna	
Chairperson: Prof. P.K. Goswami (IMS, Varanasi)	
Co-chairperson: Prof. Lakshman Singh (IMS, BHU)	
Rapporteur: Dr. Ayush Kumar Garg (IMS, BHU)	
09:00-09:15	Invited Talk by: Dr. Vinamra Sharma , (MahayogiGorakhnath University Gorakhpur, Gorakhpur), Description of medicinal use of mercury and its safety measures in Ayurveda.
09:15-09:25	Invited Talk by: Dr. RamendraPati Pandey , (SRM University, Delhi-NCR, Sonapat, Haryana), Comparative meta-analysis of antimicrobial resistance from different food sources along with one health approach.
09:25-09:35	Dr. EktaManhas , (MahayogiGorakshnath University, Gorakhpur), Promotion of herbal medicine and problems that needs to be addressed.
09:35-09:45	Bhavna Singh , (SOITS, IGNOU, Delhi), Monitoring of land use land cover dynamics for sustainable planning: A study of Gautam Buddha Nagar district, India.
09:45-09:55	Ekta Sharma , (Deemed to beUniversity, Mullana-Ambala, Haryana), The antioxidant content of Devil's horsewhip (<i>Achyranthesaspera</i>) in different ethanolic solvents.
09:55-10:05	Jasodavishnoi , (BANARAS HINDU UNIVERSITY Varanasi), Understanding the etio pathology of mukhdushika with special reference to acne vulgaris.
10:05-10:15	Karthika A , (BANARAS HINDU UNIVERSITY, Varanasi), Nutritional aspects of flower of Ashoka.

10:15-10:25	Kirti Singh , (Dayalbagh Educational Institute, Agra), Morphological characteristics of indoor PM 2.5 during Cooking and Non-Cooking Hours.
10:25-10:35	KrishnenduAdhikary , (CenturionUniversity of Technology & Management, Odisha), Identification and targeting Orphan G-Protein Coupled Receptor (GPCR) in mosquito for application of herbal repellent.
10:35-10:45	Dr. Lalit Nagar , (Banaras Hindu University, Varanasi), Expeditious Ayurvedic Management of Mukhapaka- A Case Study.
10:45-10:55	M. P. Somashekarappa , (GFG College, Kadur, Chikkamagaluru,Karnataka State),Characterization and bactericidal efficacies of silvernanoparticles synthesized fromleaf extract of medicinal plants,Ocimumbasilicum and Perseaamericana.
10:55-11:00	Felicitation of Chairperson, Co-chairperson, and Rapporteur.
Tea Break and Interaction (15 Min.)	

TS5A: Session-VIII (11:15AM- 01:30PM)	
K.N. Udupa Auditorium	
Chairperson: Prof. Rajnikant Mishra (Department of Zoology, BHU, Varanasi)	
Co-chairperson:Dr. Vijay Mishra (RGUKT, Nuzvid)	
Rapporteur: Dr. Rajesh Kumar Singh (IMS, BHU, Varanasi)	
11:15-11:30	Invited Talk by: Prof. Kavita Shah ,(Banaras Hindu University, Varanasi), Restoration of Land through multi-benefits Energy crops: Lessons from across the globe.
11:30-11:40	Invited Talk by: Prof. K. Nagaiah ,(IICT, Hyderabad) ,Need a paradigm shift for popularising Ayurveda in India.
11:40-11:50	Dr. KandeepanGurunathan , (ICAR-National Meat Research Institute, Hyderabad), Development of nanocomposite eco-friendly packaging pouches for chicken meat.
11:50-12:00	Prof. B. E. SHAMBULINGAPPA , (Veterinary college Shimoga-577204 (KVAFSU, Bidar), Karnataka) molecular and biochemical characterization of staphylococcus pseudintermedius from canine pyoderma in shivamogga region of karnataka.
12:00-12:10	Dr. B. B. Basak , (ICAR-Directorate of Medicinal and Aromatic Plants Research, Anand), Organic amendments with biodynamic preparation found effective in improving soilphosphorus dynamics and P uptake in medicinal crops.
12:10-12:20	Meghna , (Hindu University, Varanasi), Cosmetic use of lead molecules from Ayurvedic drugs: A Review.
12:20-12:30	Minakshi , (Hindu University, Varanasi- 221005), Isolation, Morphological, Pathogenicity test, and Molecular characterization of Rhizoctonia spp. Causing Sheath blight of paddy.
12:30-12:40	N.A. Ruchira Rameshi Nishshanka , (P.G. Ayurvedic College and Hospital, Paprola, H.P), Review of a traditional herbal body deodorant.
12:40-12:50	Neelam Baghel , (Dayalbagh Educational Institute, Dayalbagh,Agra),Personal exposure of VOCs and women health risk assessment in rural kitchen: Their role in the formation Tropospheric Ozone.
12:50-01:00	NiranjanKumar.S , (Bangalore University, Bangalore-560056), Ambient Air Quality Assessment in Major Traffic Junctions of Bangalore City, Karnataka.

01:00-01:10	Prabal Ghosh , (Vidyasagar University, Midnapore – 721102, West Bengal), Curative role of human chorionic gonadotropin, vitamin E and vitamin C on ethyl acetate fraction of Terminalia chebula mediated hypo testicular activities in Wistar rat: Genomic and flow-cytometric approaches.
01:10-01:20	Pragya Shukla , (Division CSIR-National Botanical Research Institute, Lucknow), Insight on glandular trichomes of Solanum viarum Dunal in accumulation and extrusion of hazardous heavy metals.
01:20-01:30	Soni Kumari , Biochemistry and Molecular Biology laboratory, Department of Zoology, Institute of Science, Banaras Hindu University, Varanasi-221005. Pax6 and putative markers of Parkinson's Disease.
01:20-01:30	Felicitations of Chairperson, Co-chairperson, and Rapporteur.
Lunch (01:40 PM – 02:30 PM)	

TS5B: Session-IX (11:15AM- 01:30PM) Smart Classroom, Department of Dravyaguna	
Chairperson: Prof K.H.H.V.S.S. Narasimha Murthy (Varanasi)	
Co-chairperson: Dr. Harsh Paney, (KCP, Mirzapur)	
Rapporteur: Dr. Vinamra Sharma (MGU, Gorakhpur)	
11:15-11:30	Invited Talk by: Dr. Shreyans Jain , (Indian Institute of Technology (BHU) Varanasi), 2,3-dehydrosilychristin from Vitex negundo Linn.: An alternative source of silymarin-derived flavonolignan.
11:30-11:40	Invited Talk by: Dr. Preeti Chouhan , (Banaras Hindu University, Varanasi), Effect of Palashadi Yoga Basti on Ovulation in PCOS infertile Patient
11:40-11:50	Pratibha Ramola , (Banaras Hindu University, Varanasi), conceptual study of krikatikamarmachikitsainmanyastambha (cervical spondylosis).
11:50-12:00	Pratibha Singh , (Rishikul Campus, Haridwar, UAU), Application of Different Herbs on Skin Diseases.
12:00-12:10	Preeti Yadav , (Udai Pratap Autonomous College, Varanasi), In-Silico Screening of 'Trayushnadi-Vati' for Detection of Potential Inhibitor of Aldose Reductase and Aldo-Keto Reductase.
12:10-12:20	Priyanka Jasani , (Banaras Hindu University, Varanasi), Cow dung microorganisms for bio-fuel production and bioremediation of environmental pollution.
12:20-12:30	Priyanka Rathore , (Poornima University, Jaipur, Rajasthan, India.), power quality enhancement through mitigation techniques in grid-connected solar PV System.
12:30-12:40	Ragini Yadav , (Banaras Hindu University, Varanasi), A case study on Chakramardabeeja as A herbal alternative for the treatment of dadru (Dermatophytosis).
12:40-12:50	Ragitha T R , (Banaras Hindu University, Varanasi), Phytochemical Standardization of Dhataki Woodfordia floribunda Salisb Flowers.
12:50-01:00	Rajkumar Yadav , (Banaras Hindu University, Varanasi), significance of nutraceutical oils on human health: a review.
01:00-01:10	Dr. Ram Dayal , (RBU, Mohali-Chandigarh), associations of sperm DNA fragmentation and post-thaw survival of spermatozoa with primary and secondary male infertility in India.

01:10-01:20	Sanjeet Kumar Pandit , (Banaras Hindu University, Varanasi-221005), Potential Therapeutic Mechanisms of Plant-Derived Natural Products for Cervical Cancer.
01:20-01:30	Felicitation of Chairperson, Co-chairperson, and Rapporteur.
Lunch (01:30 PM – 02:30 PM)	

TS6A: Session-X (02:30 PM- 04:30 PM) K.N. Udupa Auditorium	
Chairperson: Prof. Ashwani Wanganeo , Vice President, NESAI & Former: HOD Deptt. of Environmental Sciences & Limnology, B. University, Bhopal., Director, University Institute of Technology, B. University, Bhopal.	
Co-chairperson: Dr. Neeru Nathani (Varanasi)	
Rapporteur: Dr. Mridul Ranjan (IMS, BHU, Varanasi)	
02:30-02:45	Invited Talk by: Dr. Kumari Sunita , (DDU Gorakhpur University, Gorakhpur), Ethnobotanical study of traditional medicinal plants in combating infectious diseases around Devi patan, Tulsipur district of Uttar Pradesh region.
02:45-02:55	Invited Talk by: Dr. Mridul Ranjan , (Banaras Hindu University, Varanasi), Ayurvediya Panchkarma- An Answer to Ambient Pollution Hazards.
02:55-03:05	Dr. Rajesh Kumar Sharma , (Banaras Hindu University, Varanasi), Do heavy metal levels in vegetables and grains pose a health risk to Indian population.
03:05-03:15	Dr. Ringzin Lamo , (Banaras Hindu University, Varanasi), An Ayurvedic Solution to Annihilate Pesticide Residues in Vegetables.
03:15-03:25	Roopendra Singh Bhati , (Vigyana, National Institute of Ayurved, Jaipur), nutraceuticals in ayurvedic perspectives: understating roles in preventive medicine.
03:25-03:35	Santhi Krishnan S , (National Institute of Oceanography, Regional Centre, Kochi), Impact of River Discharge on the nearshore Benthic Environment along the Kerala Coast.
03:35-03:45	Satyajit Halder , (Bose Institute, Bidhannagar, Kolkata-700091), Role of a novel natural product derived Calebin A analog As-18 as an anticancer agent via disrupting cellular redox balance in human triple-negative breast cancer cell line.
03:45-03:55	Uma Singh Sachan , (Banaras Hindu University, Varanasi), Role of nutraceuticals in our life.
03:55-04:05	Shikha Semwal , (Garhwal University Srinagar Garhwal 246174, Uttarakhand), Variation in Tree community structure in a section of Kedarnath Wildlife Sanctuary, Uttarakhand.
04:05-04:15	Shivangi Dogra , (Banaras Hindu University, Varanasi), Yoga and its effect on environment borne diseases.
04:15-04:30	Felicitation of Chairperson, Co-chairperson, and Rapporteur.
Tea Break and Interaction (15 Min.)	

TS6B: Session-XI (02:30 PM- 04:30 PM) Smart Classroom, Department of Dravyaguna	
Chairperson: Prof. J. S. Tripathi, (Varanasi) Co-chairperson: Prof. P.S. Byadgi (Varanasi) Rapporteur: Dr. Uma Singh Sachan (IMS, BHU)	
02:30-02:45	Invited Talk by: Dr. Vinod Tiwari, (Indian Institute of Technology (B.H.U), Varanasi), Neuropathic Pain: Hallmarks and its Therapeutic Management.
02:45-02:55	Shivangi Singh, (Banaras Hindu University, Varanasi), Ayurvedic Management of thyroid disorder through herbal medicine.
02:55-03:05	SovaDey, (Vidyasagar University, West Medinipur-721102), Evaluation of antidiabetic and antioxidant efficacy of root tuber of Ipomoea mauritiana in streptozotocin (STZ) induced diabetic male albino rat: A dose selection study.
03:05-03:15	Srishti Srivastava, (DeenDayalUpadhyay Gorakhpur University, Gorakhpur, Uttar Pradesh), Botanicals as sustainable bio-preservatives of dry fruit commodities.
03:15-03:25	Ayush verma, (Banaras Hindu University, Varanasi), Anidra - A Comparative Study between Ayurveda and Nutraceutical.
03:25-03:35	Tanusree Mondal, (University, West Midnapore, West Bengal), Spermicidal and anti-testicular effect of different concentrations of hydro-ethanol(60:40) extract of seed of Luffa acutangula (L.) Roxb. in rat and human Tanusree Mondal 1, Pampa Lohar 1 and Debidas Ghosh.
03:35-03:45	Shikha Kaundal, (R.G. Govt. P.G Ayurvedic College & Hospital Paprola, Himachal Pradesh), Shifting of world towards Green Energy as a step towards saving our Planet: A need analysis.
03:45-03:55	Urvashi Sahu, (CSIR-Central Food Technological Research Institute, Mysuru), Ultrasonication an intensifying tool for preparation of stable diallyl disulfide as bio-fumigant nanoemulsion for the control of Sitophilus oryzae adults.
03:55-04:05	Vaibhav Singh, (Ram Manohar Lohia Avadh University, Ayodhya), phytocystatin as potential biopesticide.
04:05-04:15	Versha Pandey, (CSIR-Central Institute of Medicinal and Aromatic Plants, Lucknow - 226 015), Interactive effect of co-exposure of As, Cd, and Pb in different genotypes of Andrographis paniculate.
04:15-04:30	Felicitation of Chairperson, Co-chairperson, and Rapporteur.
Tea Break and Interaction (15 Min.)	

Valedictory Session and Award Ceremony (04:30 PM to 06:00 PM) • K.N. Udupa Auditorium	
04:30-04:40	Welcome of Chief Guest
04:40-04:55	Special Address by The Honorable Chief Guest of Valedictory Session
04:55-06:00	Conference Awards Ceremony
06:00-06:20	Felicitation of The Honorable Chief Guest of Valedictory Session Felicitation of Guest of Honour of Valedictory Session
06:20-06:30	Vote of Thanks and dispersal of attendees.
High Tea	