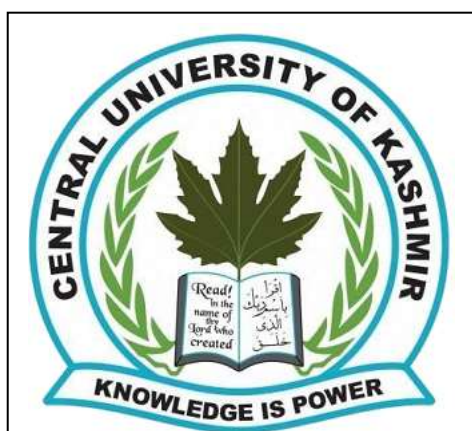


Programme

National Seminar on “Recent Advances in Science and Technology for Agricultural Sustainability” (RASTAS, 2022)



**Organised by
Department of Botany
School of Life Sciences, Central University of Kashmir,
Ganderbal**

Dated: 5-6 July, 2022

Venue: Science Campus –Nunnar-Ganderbal-191201 J&K

Inaugural Function

Science Campus –Nunnar-Ganderbal-191201 J&K

DAY 1: July 5, 2022 (Tuesday)		
Programme		Time
Registration	Reception	8:30 am to 10:00 am
Opening Ceremony Miss. Ayman Altaf (Anchor)		
University Tarana	Students of Botany Department, SoLS	10: 35 am to 10:45 am
Inaugural function		
Introduction about the Seminar	Dr. Rafiq Lone (Organising Secretary RASTAS, 2022)	10: 45 am to 10: 50 am
Welcome Address	Prof. Azra. N Kamili (Convener) Nodal Person- Dept of Botany, CUK	10: 50 am to 11:00 am
Remarks	Dr. Abid Hamid Dar (Co-convener) Director Science Campus, Nunnar-CUK	11:00 am to 11:05 am
Special Remarks	Prof. Mohd Yousuf (Chairman) Dean School of Life Sciences	11:05 am to 11: 10 am
Address by Special Invitee	Prof. Fayaz Ahmed Nika (Special Invitee) Registrar In-charge & Financial Officer Central University of Kashmir	11: 10 am to 11: 20 am
Address	Dr. Meenakshi Munshi (Guest of Honour) Scientist G Former Advisor, Department of Biotechnology, GOI	11:20 am to 11: 30 am
Presidential address	Prof. Farooq Ahmad Shah (Chief Guest) Hon'ble Vice Chancellor-CUK	11:30 am to 11: 45 am
Vote of Thanks	Dr. Shaiesta Shah (Organising Member RASTAS, 2022) Assistant Professor-Dept. of Botany, CUK	11:45 am to 12:00 pm
Tea/Coffee break	Reception	12.00 pm to 12:30 pm

Technical Session-1 Room No. 109 & 218		
Chairperson: Prof. Mohd Yousuf, Dean, School of Life Sciences-CUK		
Co-Chairperson: Dr. Sami Ullah Bhat, Sr. Assistant Professor, Department of Environmental Sciences, University of Kashmir		
Rapporteur: Dr. Rakeeb, Department of Biotechnology-CUK		
Session Incharge: Dr. Ibraq Khurshid, Department of Zoology-CUK		
Plenary Lecture	Prof. Nikhil Chrungoo (Invited Speaker) Title of the talk: Pearls in the wilderness: Prospects for Utilization to meet challenges of nutritional security	12:30 pm to 1:30 pm
Vote of Thanks and Felicitation		
Lunch break	Lawn of SoLS -Nunner Campus.	1:30 pm to 2:15 pm
Technical Session-2 Room No. 109 & 218		
Chairperson: Dr. Abid Hamid Dar, HOD, Department of Biotechnology, CUK		
Co-Chairman: Dr. Reyazul Rouf Mir, Associate Professor, SKUAST-Kashmir		
Rapporteur: Dr. Javid Ahmad Tantray, Department of Zoology-CUK		
Session Incharge: Dr. Nissar Ahmad Wani, Department of Biotechnology-CUK		
Invited Lecture	Dr Shahid Rasool Senior Scientist (Genetic Resources & Agro-technology) CSIR- Indian Institute of Integrative Medicine, Canal Road, Jammu, J&K Title: Securing Mountain Livelihood and Entrepreneurial Ecosystem through Utilization of Industrially Important Crops.	2:15 pm-3:00 pm
Time for each Presentation:7+3=10 (Presentation+Discussion) 3:00pm-5:30pm		
1.	Agriculture in Ancient Kashmir: State Initiatives and Technological Innovations	Irfan Bashir, Rashid Lone
2.	Flower Senescence and some postharvest conservation strategies of <i>Amaryllis belladonna</i> cut shapes	Fahima Gul
3.	Reverse the Red: Advancing Conservation Movement for Protecting the Endangered Plants in India	Aabid Hussain Mir ^{1,2*} , Nazir Ahmad Bhat ^{2,3} , Krishna Upadhaya ⁴ , Azra N. Kamili ⁵ , Licha Jeri ⁶
4.	Invasive Alien Species in Sindh Forest Division of Central Circle, Kashmir, India: Possible Impacts on Ecosystem	Talib Bashir Bhat, Shah Murtaza Mushtaq, Akhlaq Amin Wani, Asif Ali Gatoo & MA Islam

5.	Assessing and Mapping Inherent Vulnerability in Sindh Forest Division, Ganderbal (J&K) India using Indicator Based Approach	Talib Bashir Bhat, Shah Murtaza Mushtaq, Akhalq Amin Wani, Asif Ali Gatoo and MA Islam
6.	Polycystic Ovary Syndrome and Subclinical Hypothyroidism: A Link to be Uncovered Jasmeena Jan ¹ , Aafia Rashid ² , Nissar Ahmad Wani ¹ , Abid Hamid ¹ , Mohd. Ashraf Ganie ^{2*} & M Afzal Zargar ¹	Jasmeena Jan ¹ , Aafia Rashid ² , Nissar Ahmad Wani ¹ , Abid Hamid ¹ , Mohd. Ashraf Ganie ^{2*} & M Afzal Zargar ¹
7.	Cancer Chemoprevention-An Assessment of <i>Cousinia thomsonii</i> in <i>In Vitro</i> Assay System of Glioblastoma C6Cells	Mohmad RafeeqLone ¹ , Ashaq Hussain ² , Nissar Ahmad Wani ¹ , M. Afzal Zargar ¹ , Ehtisham ul Haq ² and Abid Hamid Dar ^{*1}
8.	Anti-Breast Cancer Potential of Novel Derivatives of Uracil – <i>In silico</i> and <i>In vitro</i> approach	Shazia Gul, Mohammad Nadeem Lone, Abid Hamid ¹ , Nissar Ahmad Wani, M. Afzal Zargar
9.	Diversity and Community Analysis of Soil Nematodes Associated with Apple Orchards in Kashmir and their Biocontrol by Mononchid Nematodes	Shaheen Majeed Wani & Ali Asghar Shah
10.	Characterization of Pinto and Cranberry Bean (<i>Phaseolus vulgaris</i> L.) Landraces from Western Himalayan Kashmir for Yield and Quality	Aaqif Zaffar, Parvaze A. Sofi, S. M. Zargar, Sadiah Shafi, Samreen Fatima, Sujeela Rani and Ramsha Khalid
11.	Behavioural Responses in Freshwater Fish, <i>Cyprinus carpio</i> (Linnaeus, 1758) Under Quinalphos Intoxication	Saiqa Saleem and Ibraq Khurshid
12.	Comparative Prevalence of Bacterial Infections in <i>S.niger</i> from Dal and Manasbal Lakes of Kashmir Himalayas, India	Uzma Naseer and Ibraq Khurshid
13.	Alterations in Histopathology of Kidneys and Biochemical Parameters of <i>Cyprinus carpio</i> due to <i>in-vitro</i> Zinc Exposure	Towfeeq Bilal ¹ , Irfan Ahmed Noorani ¹ , Ibraq Khurshid ¹ &Rafiq

		Lone ²
14.	Fungal Pathogenicity Characterization and Innate Immunity in Fish: A Diagnostic Approach for Sustainable Aquaculture	Aqib Rehman Magray ^{1,2,3,4} , Bashir Ahmad Ganai ⁴ , FayazAhmad ⁷ , SabiraHafeez ⁴ , Alexander Rebl ² , Joan Martorell Ribera ^{2,5} , Kristina Zlatina ³ , Gulam Jeelani Dar ⁴ , Lisa Isernhagen ³ , Sebastian P. Galuska ³ , Juliane Günther ³ , Marieke Verleih ² , Torsten Viergutz ⁶ , Ronald M. Brunner ²
15.	Agroforestry for Sustainable Agriculture in Kashmir Himalayas	Benatul Behar, T. A. Rather, M. A. Islam, G. M. Bhat, K.N. Qaiser, Tuybia Bilal and Shaista Khan
Vote of Thanks and Felicitation		

Parallel Session:

Technical Session-2 Poster Session (Library Hall)	
Poster Evaluation Committee Chairperson: Prof. Azra N. Kamili, Department of Botany, CUK Co-Chairperson: Dr Shabir H. Qureshi, Department of Biotechnology-CUK Jury Members: 02 Rapporteur: Dr. Muzamil Bashir-Department of Zoology-CUK	2:15 pm-5:15 pm

Day 2

06-07-2022

Technical Session-3 Room No. 109 & 218		
Chairperson: Prof. Inayatullah Tahir, Department of Botany, University of Kashmir		
Co-Chairperson: Dr. Ibraq Khurshid, Department of Zoology, Central University of Kashmir		
Rapporteur: Dr. Umar, Department of Biotechnology-CUK		
Session In charge: Dr. Mohammad Owais, Department of Biotechnology-CUK		
Plenary Lecture (Invited Speaker)	Dr. Meenakshi Munshi Former Scientist G/Advisor, Department of Biotechnology, GOI Currently Consultant (Scientific) National Institute of Immunology New Delhi 110067 Title of talk: Funding opportunities in Biotechnology	9:30 am to 10:15 am
Tea Break	Reception	10:15 am-10:30am
Technical Session-4 Room No. 109 & 218		
Chairman: Prof. Imtiyaz Murtaza, SKUAST-Kashmir		
Co-Chairman: Dr Ruqeya Nazir, Sr. Assistant Professor, CORD University of Kashmir		
Rapporteur: Dr. Saif, Department of Biotechnology-CUK		
Session Incharge: Mr. Irfan Ahmad Noorani, Department of Zoology-CUK		
Time for each Presentation:7+3=10 (Presentation+Discussion) 10:00am-1:00pm		
1.	Synergistic Approach of Salicylic Acid and Sulphur Enhances the Antioxidant Defence System, Photosynthetic Traits, Nitrogen Metabolism and Biomass in Salt Stressed Mungbean (<i>Vigna radiata</i>)	Sofi J. Hussain ¹ , Nafees A. Khan ¹ , Naser A. Anjum ¹ , Asim Masood ¹ , M. Iqbal R. Khan ²
2.	Phenotypic and Molecular Divergence Analysis of Oat Germplasm (<i>Avena sativa</i>) under Northern Indian conditions	Mahrukh and Khazin Hussain
3.	Genetic Divergence Study in Maize (<i>Zea mays</i> L.) Inbred Lines under Northwestern Himalayan Conditions	Khazin Hussain and Mahrukh
4.	Dissecting Stripe Rust Resistance in Wheat through Morpho-Biochemical Characterization, Genomics and	Farkhandah Jan ¹ , Sofora Jan ¹ , Sandeep Kumar ¹ ,

	Breeding Approaches	Safoora Shafi ¹ , Parthibanm ² , Tahmeena Bano ¹ , Ronak Majid ¹ , Asif Bashir Shikari ¹ , Mohd Anwar Khan ¹ , Reyazul Rouf Mir ¹
5.	Spiders (Arachnida: Araneae) as Bio-control Agents against Insect Pests for Sustainable Agriculture	Nisheet Zehbi and Mohd Yousuf
6.	Sustainable Control of Crop pests by Coccunellids-A Review	Anosh Ali, Mohammad Yousuf
7.	Studies on scale structure of the Blue Perch <i>Badis badis</i> - A Taxonomic Tool	Mohd Arif* ¹ , Roopma Gandotra ² , Irfan Ahmed Noorani ¹ , Ibraq Khurshid ¹
8.	Morpho-Biochemical and Differential Gene Expression Studies of <i>Phaseolus vulgaris</i> - <i>Colletotrichum lindemuthianum</i> interaction in Western Himalayas	Safoora Shafi ¹ , Syed Zainab Kashani ² , Mohd. Tahir ¹ , Sofora Jan ¹ , Mehnaz Shakeel ³ , Farkhandah Jan ¹ , Tahmeena Bano ¹ , Aamir Nazir Sheikh ¹ , Mohd. Anwar Khan ¹ , Asif B. Shikari ¹ , Reyazul Rouf Mir ¹
9.	Male Infertility: A Clinical Spectrum of Infertile Men in Kashmir	Faisel Ahmad ¹ , Mohammad Lateef ² , Mahrukh Hameed Zargar ³
10.	Genomics-Assisted Approaches for Breeding Nutrient-Dense, Climate Resilient, Biotic Stress Resistant and Abiotic Stress Tolerant Wheat for Western Himalayas of Kashmir Valley	Reyazul Rouf Mir* ¹ , Sofora Jan ¹ , Mohd Tahir ¹ , Safoora Shafi ¹ , Farkhandah Jan ¹ , Parthiban M ² , Tahmeena Bano ¹ , Munaza Yousuf ¹ , Sandeep Kumar ¹ , Ronak Majid ¹ , Ayushi ¹ , Zaitoon ¹ , Himani ¹ , Asif Bashir Shikari ¹ , Mohd Anwar Khan ¹
11.	Integrated Genomics, Physiology and Breeding for Understanding Mechanism of Cold Tolerance in Bread Wheat (<i>Triticum aestivum</i> L.) in Western Himalayas	Sofora Jan, Sandeep Kumar, Farkhandah Jan, Mohd. Tahir, Ayushi

		Singh, Safoora Shafi Mohd. Anwar Khan, Asif B. Shikari ¹ , Reyazul Rouf Mir
12.	Some Ameliorated Estimators for Finite Population Mean in Survey Sampling	Showkat Maqbool ¹ , MS Pukhta ¹ and T A Raja ²
13.	Understanding the Rboh-Rac Signal Transduction in Plants under Abiotic Stress	Farhana Hassan and Firdous A. Khanday
14.	Information Evaluation Behaviour of Rice Growers under Seed Village Programme in District Baramulla (J&K)	K. Naresh ^{1*} , Mushtaq Ahmad Dar ² , Puja Meenia ³ , S.H.Bhat ⁴
15.	Molecular Marker Based Breeding of Wheat (<i>Triticum aestivum</i> L.)for Early Maturity, Disease Resistance, Quality and Higher Yield for Western Himalayas	Mohd. Tahir ¹ , Safoora Shafi ¹ , Sofora Jan ¹ , Farooq A. Sheikh ² , M. Altaf Wani ¹ , Mohd. Anwar Khan ¹ , Mohd. Ashraf Bhat ³ , Asif Bashir Shikari ¹ , Reyazul Rouf Mir ¹
Vote of thanks and Felicitation		
Lunch Break		1:00 pm-2:00 pm
Technical Session 5		
Chairperson: Prof. Mohd Yousuf, Dean School of Lifes Sciences, CUK		
Co-chairperson: Dr. Khursheed Tariq, Associate Professor, Islamia College Srinagar		
Rapporteur: Dr. Irshad Ahmad Ahangar, Department of Zoology-CUK		
Session Incharge: Dr. Ambreen, Department of Chemistry-CUK		
Time for each Presentation:7+3=10 (Presentation+Discussion) 2:00pm-5:30pm		
1.	Comprehensive screening of Wheat Germplasm for Cereal Leaf beetle (<i>Oulema melanops</i> L.) Resistance in Western Himalayan High-altitude Region of Kashmir, India	Parthiban. M ¹ , Mudasir Ganai, M. Ayoob Mantoo ¹ , Sofora Jan ² , Saofora Shafi ² , Farkhandah Jan ² , Sandeep Kumar ² , Ronak Majid ² , Mohd Anwar Khan ² , Reyazul Rouf Mir ²
2.	Genetic analysis for Lodging Resistance in Wheat Grown under Western Himalayas	Ronak Majid ¹ , Aamir Nazir Sheikh ¹ , Munaza

		Yousuf ¹ , Sandeep Kumar ¹ , Parthiban. M ² , Safora Jan ¹ , Sofoora Shafi ¹ , Farkhandah Jan ¹ , Tahmeena Bano ¹ , Mohini Mohan Sonone ¹ , Anwar Khan ¹ , Uttam Kumar ³ , Pradeep Bhati ³ , Sandeep Kumar ⁴ , Asif Bashir Shikari ¹ , Reyazul Rouf Mir ¹
3.	Antioxidant Status of Broilers Fed Diets Supplemented with <i>Artemisia absinthium</i> (Wormwood) with or without enzyme	Shaista S. Nissa, M.T. Banday, I.U. Sheikh, Gowher Gull, Subata Mehboob and Bushra Zaffer
4.	Genetic analysis for Anti-nutritional factors in common bean (<i>Phaseolus vulgaris</i> L.) grown in Kashmir Valley	Aamir Nazir Sheikh ¹ , Ronak Majid ¹ , Safoora Shafi ¹ , Sofora Jan ¹ , Farooq Ahmad Sheikh ¹ , Mohini Mohan Sonone, Farkhanda Jan ¹ , Mohd Anwar Khan ¹ , Asif Bashir Shikari ¹ , Reyazul Rouf Mir ¹
5.	Morphological and Biochemical Characterization for Drought Tolerance in Chickpea (<i>Cicer arietinum</i> L.)	Mohini Sonone, Sofora Jan, Safoora Shafi, Farkhanda Jan, Tahmeena Bano, Aamir Nazir, Jasdev Singh, Ronak Majid, Sandeep Kumar, RR Mir and M. Anwar Khan
6.	Livelihood Potential of Agroforestry Woodlot in Rural Society of Kashmir	Tahera Arjumand*, M. A. Islam, A. A. Wani, Basira Mehraj, Ishrat Saleem
7.	Agroforestry: A Suitable and Sustainable Option for Climate Smart Agriculture	Ishrat Saleem*, J. A. Mugloo, Nazir A. Pala, G. M. Bhat, Afshan Anjum Baba, Basira Mehraj, Tahera Arjumand and Mehraj ud din Dar

8.	Trees Outside Forests (TOF): a Mitigation Strategy to Combat Climate Change in Temperate Himalayan Region	Basira Mehraj, Akhlq Amin Wani, A. A. Gato, M. A. Islam, Shah Murtaza and Shiba Zahoor, Ishrat Saleem, Tahera Arjumand and A. A. Baba
9.	Germplasm Conservation and Domestication of Gurez-Zeera Towards Livelihood Security of Tribal Farmers of Gurez	Azra Anjum, M. Anwar Khan, R R Mir, Bilal A Bhat ¹ , Waseem A Dar ¹
10.	Genetic Improvement of Buckwheat Through Induced Mutagenesis for Economically Important Traits	Javaid Ahmad, Sabbi Jan, Aijaz A. Wani, Inayatullah Tahir
11.	Taxonomic Delimitation of Fagopyrum Genus of North-Western & Trans-Himalaya Through Morphometric and Molecular Approach	Sabbi Jan, Aijaz A. Wani, Javaid Ahmad, Azra N. kamili, Inayatullah Tahir
12.	Soil Loss and Vulnerability Assessment in District Ganderbal Using GIS Modeling Approach	Shiba Zahoor ¹ , Akhlq Amin Wani ¹ , Aasif Ali Gato ¹ , M. A. Islam ¹ , Shah Murtaza ¹ and Basira Mehraj ¹
13.	Health Risk Assessment of Heavy Metals in Groundwater of Srinagar and Pulwama districts of Kashmir Valley	Rameez Ah Shah ¹ , Aurooj Shafi ¹ , SMA Andrabi ² & Sami Ullah Bhat ¹
14.	Genetic Diversity of <i>Arisaema propinquum</i> : Model Approach Studies for Crop Improvement, Sustainable Food Security & Climate Change	Saima Hamid ¹ , Azra N Kamili ² , Sheikh Mansoor ³ & Bashir Ahmad Ganai ⁴
15.	Land Transformations Governing the Trophic Status of Anchar Wetland in Kashmir Himalaya	Shahid Ahmad Dar ¹ , Sami Ullah Bhat ¹ , Irfan Rashid ²
16.	Characterization of Brinjal Genotypes Based on Morphological Characters	Gazala Nazir ¹ , Saima Tabasum ¹ , Khursheed Hussain ¹ , Teerthala

		Brahmam ¹ , Nageena Nazir ²
17.	Study of the Multigene Knockouts of the Rubisco Small Subunit family in Rice	¹ Shahnaz Perveen, ² Martin A. J. Perry, ³ Zhu Xin Guang
	Vote of Thanks and Felicitation	

Day 2

06-07-2022

Online Parallel Session

Technical Session-4		
Meeting Hall		
Chairman:	Prof. Mohammad Afzal Zargar, Worthy Registrar, CUK	
Co-Chairman:	Dr. Abid Hamid Dar, HOD, Department of Biotechnology-CUK	
Rapporteur:	Dr. Sajad Ahmad Lone / Dr. Sofi Javid. Department of Botany-CUK	
Session Incharge:	Dr. Nisar Ahmad Wani, Department of Biotechnology-CUK	
Invited Lecture	Prof. R. M. Agarwal Former Dean &Head School of Studies in Botany Jiwaji University Gwalior. M.P Title Talk: Potassium mitigates water stress-induced changes in plants	10:30 am-11:10 am
Time for each Presentation:7+3=10 (Presentation+Discussion) 11:10 am-1:00pm		
1.	Bee-Keeping Constraints Affecting Fruit Productivity in H.P	Rajesh Kumar ¹ and Younis Ahmad Hajam ²
2.	Silicon Supplementation Improves Early Blight Resistance in <i>Lycopersicon esculentum</i> Mill.by Modulating the Expression of Defense Related Genes and Antioxidant Enzymes	Naveed Gulzar ¹ , Sajad Ali ¹ , Manzoor A. Shah ² , Azra N. Kamili ³
3.	Isolation and Characterization of Mycoliths from some Mushrooms Growing in Kashmir Himalaya	Asif Hamid Dar, Aadil Rashid Sheikh, Abdul Hamid Wani
4.	Viral Suppressor Synergism: Tools Forged to Fine-Tune Host-Pathogen Coexistence	Anurag Kumar Sahu, Neeti Sanan- Mishra
5.	Eco-Friendly Management Strategies for Controlling Dry Rot of Potato in Kashmir Valley	Anees Un Nisa, Wasim Sajad Malik, Mohd Yaqub Bhat, Pallakishrikhandia, Tabia Mushtaq
6.	Technological Status of Dairy Farmers Regarding Recommended Dairy Practices in Jabalpur District of	Puja Meenia ^{1*} , Seema Naberia ² ,

	Madhya Pradesh	Kethavath Naresh ³ , Pankaj Meshram ⁴
7.	Impact of Abiotic Pollution Stress on Saffron Cultivation	Syed Sana Mehraj ¹ , Azra N Kamili ² , Ruqeya Nazir ³ and GA Bhat ³
8.	Botanicals-An Ecologically Sound Avenue for the Management of Viral Disease in Silkworm	Jyoti Thakur, Kamlesh Bali and R.K.Gupta
9.	Bioremediation of Acenaphthene Using Indigenous Bacterial Species Isolated from Agricultural Soil and Their Plant Growth Promoting Characterization	Meenakshi Shrivastav, Mir Sajad Rabani and Mahendra Kumar Gupta
10.	Role of Vermi-biotechnology in the Management of Sustainable Agricultural Practices: A review	Masrat Rahman ¹ , Younis Ahmad Hajam ¹ , and Rajesh Kumar ²
11.	Application of Low temperature Plasma in Agriculture: Future Aspect	Mangilal Choudhary, * and Tanvira Malek
12.	Microbial Synthesis of Silver Nanoparticles and their Antimicrobial Activity against Some Pathogenic Species	Charu Gupta ¹ and Mahendra K. Gupta ²
13.	Biotechnological Interventions for Combat against Disease in Soyabean plants	Roushan Kumar
14.	Comparative study of the Characterization and Extraction Techniques of Polyphenolic Compounds from Chia Seed gum	Charu Gupta ¹ and Mahendra K. Gupta ²
15.	Salicylic acid Mediated Increase in Growth and Yield through Modulation of Antioxidant defense Mechanisms in Chickpea exposed to Salt Stress	Harmanjit Kaur
Vote of thanks and Felicitation		
	LUNCH Break	1:00 pm -2:00 pm
Parallel Technical Session 5		
Chairperson:	Dr. Phalisteen Sultan, Sr. Technical Officer, CSIR – Indian Institute of Integrative Medicine, Sanat Nagar, Srinagar– 190005	
Co-chairperson:	Dr. Showkeen Muzamil, Sr. Assistant Professor, SKUAST-Kashmir	

Rapporteur: Dr. Rifat jan , Department of Chemistry, CUK		
Session Incharge: Dr.Shabir H. Quereshi, Department of Biotechnology, CUK		
Time for each Presentation:7+3=10 (Presentation+Discussion) 2:0pmm-5:30pm		
1.	Evaluation and Classification of Drought Tolerant Maize Landraces from Kashmir Valley	Latif Ahmad Peer and Mohd Yaqub Bhat
2.	Carbon Stock as Bioremediation potential in Sub Alpine Temperate Coniferous Forests of Western Himalaya	Muzamil Ahmad Sheikh
3.	Combining Ability Studies for Earliness and Quality traits In Bitter gourd (<i>Momordica charantia</i> L.) Under Temperate Ecologies	Syed Berjes Zehra [*] ¹ ,Baseerat Afroza ² ,G. Nazir ¹ , K. Hussain ¹ , Rizwan Rasheed ¹ , U. Masoodi ¹ , F. Mushtaq ² , M. I Makhdomi ² and S. Mufti ²
4.	Role of <i>Chana murulius</i> , <i>Punitus ambassis</i> , <i>Punitus sarana</i> and <i>Heteropneustes fossilis</i> Fish species in Mosquito-Biocontrol	Mohammad Ishfaq Wani and Sarita Shrivastava
5.	Comparative study of the Characterization and Extraction Techniques of Polyphenolic Compounds from Chia Seed gum	Aasima Rafiq ¹ , Abida Jabeen ² , Mariya Nayeem ² , Bushra Bashir ² and Aaqib Mohiddin ²
6.	Ethnobotanical Uses of <i>Viola canescens</i> a Himalayan herb	Rakesh Kumar & Vikas Sharma
7.	Biocontrol of <i>Fusarium</i> Leaf Spot of Tomato by Using Different <i>Trichoderma</i> species	Shaiesta Hassan, MehrunNisa, Misbah Majid, Mushtaq Ahmad Malik
8.	Comparative efficacy of Farmyard Manure & Vermicompost on Reproductive Potential Lucerne (<i>Medicago sativa</i> L) Grows under NaCl Stress	Jahangir Ahmad Magray*, D.P. Sharma
9.	First record of <i>Entomosporium mespili</i> (DC. ExDuby) Sacc. <i>A foliicolous</i> ascomycete on <i>Cydonia oblonga</i> (Mill.) from Kashmir Valley, India	Nadia Ashraf [*] , Mohd Yaqub Bhat, Abdul Hamid Wani

10.	Study on population dynamics of sugarcane shoot borer in U.S. Nagar, Uttarakhand, India	Anju Maheshwari
11.	Isolation and characterization of Cadmium and Lead Resistant Bacteria from the Rhizosphere of Constructed wetland (CW)	Shweta Singh ¹ and Shushil Manderia ²
12.	Water Quality Characterization of Rambiarrah Stream in Kashmir Himalaya	Sheikh Tajamul Islam, Sami Ullah Bhat, Inam Sabha
13.	Effect of Plant Growth Regulators on <i>In Vitro</i> Induction and Maintenance of Callus from Leaf and Root Explants of <i>Atropa acuminata</i> Royle ex Lindl	Shabeer Ahmad Dar ¹ , Azra Nahaid Kamili ² , Ishfaq Shafi Khan ³
14.	Sustainable Beekeeping through Artificial Feeding during Dearth Period with Special Reference to Quality of Honey	Indu Kumari ¹ & Rajesh Kumar ²
15.	<i>In Vitro</i> Regeneration of Temperate mulberry (<i>Morus alba</i> L.var. <i>ichinose</i> L.)	Ishfaq M. Lone ¹ , Azra N. Kamili ² , Mushtaq Rasool Mir and Shabeer Ahmad ¹
16.	A Study on Bio-Conversion of Temple Waste into Biomanure: A Sustainable Approach for Agricultural Practices	Younis Ahmad Hajam ¹ & Rajesh Kumar ²
17.	Evaluation of French Bean Germplasm (<i>Phaseolus vulgaris</i> L.) under Temperate Conditions of Kashmir	Ummyiah H.M. ¹ , Immad A.S. ² , Baseerat A. ¹ , Ajaz A.M. ¹ , Shehnaz Mufti ¹ , Gazala Nazir ¹ , Berjes Zehra ¹ and Khansa Bashir ¹
Vote of Thanks and Felicitations		

Competition for Young Scientist

Technical Session-6

Room No. 204

Chairperson: Prof. Nikhil Chrungoo, Dean School of Life Sciences, Royal Global University, Guwahati-Assam

Co-Chairperson: Dr Mohammad Lateef, Department of Zoology, CUK

Jury Members : 2

Rapporteur: Dr. Shaiesta Shah/Dr Shahnaz, Department of Botany, CUK

Session Incharge: Dr. Mohammad Nadeem Lone, Department of Chemistry-CUK

List of participants will be uploaded on 5th (Evening 8 PM) July 2022

Valedictory Session
Science Campus –Nunnar-Ganderbal-191201 J&K

DAY 2: July 6, 2022 (Wednesday)		
Programme		Time
(Anchor) Miss Ayman Altaf		
Skit and Rouf	Students of Botany Department-CUK	5:00 pm- 6:00 pm
Valedictory function		
Welcome Address	Dr. Abid Hamid Dar (Co-convenor) RASTAS-2022 Director Science Campus, CUK	6:00 pm -6:05 pm
Report of Seminar	Prof. Azra. N Kamili (Convener)- RASTAS-2022 Nodal Person- Dept of Botany, CUK	6:05 pm-6:6:15pm
Special Remarks	Prof. Mohd Yousuf (Chairman)-RASTAS-2022 Dean School of Life Sciences	6:15 pm --6:20 pm
Address by Guest of Honour	Prof. Fayaz Ahmed Nika (Guest of Honour) Registrar Incharge & Finance Officer CUK	6:20 pm-6:30 pm
Presidential address	Prof. Mehraj Uddin Mir Former Hon'ble Vice Chancellor Central University of Kashmir Ganderbal, (J & K), India	6:30 pm-6:40 pm
	Prize Distribution	6:40 pm -6:50 pm
Vote of Thanks	Dr. Ibraq Khurshid Department of Zoology-CUK	6:50 pm -7:00pm