

	WELCOME & I	NVITATION				
It gives us immense pleasure to cordially invite you in 5 <sup>th</sup> International Conference on "Advances in Smart Agriculture and Biodiversity Conservation for Sustainable Development (SABCD-2022)" on March, 4-6, 2022 at Conference Hall, Jaipur National University, Jaipur, Rajasthan, India. The conference invites Scientists, Faculty Members, Teachers, Professionals, Research Scholars, NGO's, Social Workers, Students, Farmers and others who are involved in practices and research areas related to Agricultural, Life Science and Applied Sciences. Delegates/Students may attend the conference physically with or without presenting their papers but abstracts would be compulsory.						
ABOUT THE CONFERENCE ORGANIZERS						
AGRICULTURAL TECHNOLOGY DEVELOP The ATDS is a Non-Government professi under the Societies Registration Act XXI of 16. The society also registered on NGO India. ATDS Society promoting all development and innovations. The ATD national conferences as well as publication	onal registered society which is registered of 1860 with <b>Registration No. 1024/2015-</b> <b>Darpan (Niti Aayog) Government of</b> educational and research activities for S organized four International and one	JAIPUR NATIONAL UNIVERSITY, JAIPUR, RAJASTHAN The University has set many benchmarks in higher education, technical education, and medical education. It is one of the top most universities in Jaipur, Rajasthan that provides exceptional academic excellence through a plethora of courses. Jaipur National University was established on October 22, 2007, through an ordinance of the Government of Rajasthan. Founded through an ordinance passed by the Government of Rajasthan, the university is owned by Sandeep Bakshi.				
SHOBHIT DEEMED TO-BE- The Shobhit University, Meerut has been g the Government of India, Ministry of Hum of Higher Education vides its Notific November 8, 2006 under section 3 of the Under Section 3 of the UGC Act, Deemed Central Govt to those educational institution	granted Deemed-to-be University status by an Resource Development and department <b>ation No. F-9-37/2004-U.3 (A) dated</b> University Grants Commission Act 1956. d-to-be University status is granted by the	<b>DEPARTMENT OF HORTICULTURE, J. V. COLLEGE, BARAUT, UP</b> Janta Vedic College Baraut (Affiliated to Chaudhary Charan Singh University Meerut) is a premier institution of North India. The prestigious department of horticulture was established in <b>1949 at (U.G.)</b> level under Agra University, Agra, later on P.G. (S.F.) started from <b>2004 under C. C. S. University, Meerut.</b> This department has 115 m <sup>2</sup> area of agricultural block. Research activities are also going on in the department in different areas viz. fruits, vegetables and flower crops.				
ABOUT THE CONFERENCE CO-ORGANIZERS						
SWAMI KESHWANAND RAJASTHAN AGRICUL Swami Keshwanand, after whom the RAU Rajasthan Agricultural University, Bik notification No. F. 4 (2) vidhi/ 2/ 2009 d Rajasthan Agricultural University is author and its allied sciences.	has been renamed as Swami Keshwanand aner (SKRAU, Bikaner) vide Gazette <b>ated June 09, 2009.</b> Swami Keshwanand	The School of Natural Resource Man Studies in Agricultural Sciences, Meghalaya and presently offering M	CULTURAL UNIVERSITY, UMIAM, MEGHALAYA magement is functioning under College of PG Central Agricultural University, Umiam, M.Sc. and Ph.D. degree programmes in the . & Agril Chem. to develop competent human d of natural resources management.			
ICFRE- FDREST RESEARCH CENTRE FDR Prayagraj (Allahabad) was established umbrella of ICFRE, Dehradun. The centre excellence in the field of social forestry Pradesh, North Bihar and Vindhyan Region	<b>in 1992</b> as an advanced centre under the aims to nurture and cultivate professional and eco-rehabilitation in Eastern Uttar	Coconut Development Board (CDB Ministry of Agriculture, Governmen	<b>RD, PATNA, BIHAR (GOVERENMENT OF INDIA)</b> ) is a statutory body established under the t of India for the integrated development of he country with focus on productivity increase			
BiHAR AGRICULTURAL UNIVERSITY, PATNA, BIHAR           Bihar         Agricultural         University, Sabour established on 5th August, 2010. The university has 6 colleges (5 Agriculture and 1 Horticulture) and 12 research stations spread in 3 agro-ecological zones of Bihar. The University also has 21 KVKS established in 20 of the 25 districts falling under the jurisdiction of the University. The degree programmes of the university and its colleges have been accredited by ICAR in 2015-16.           SDIL, WATER AND ENVIRONMENT RESEARCH INSTITUTE, GIZA, EGYPT           In 1960, the General Administration of Soil was founded, including four divisions for soil survey and improvement, soil research, agricultural microbiology and soil analysis. In 1971, the Soil and Water research Institute (SWRI) was organized as an independent institute of the Agricultural Research Center (ARC) in the Ministry or Agriculture, Animal wealth, Fisheries and Land reclamation.           INTERNATIONAL ASSOCIATION FOR PROMOTING GEDETHICS, KATHMANDU, NEPAL           The IAPG is a multidisciplinary, scientific platform for widening the discussion and creating awareness about problems of Geoethics and Ethics applied to the Geosciences. IAPG is legally recognized as a not-for-profit association, has more than 2816 members in 128 countries on 5 continents and can count on a network of 34 national sections.		<b>DEPARTMENT OF HORTICULTURE, COLLEGE OF AGRICULTURE, RVSKVV, GWALIOR, MP</b> The Rajmata Vijayaraje Scindia Krishi Vishwavidyalaya, Gwalior was established by <b>Government of Madhya Pradesh Vide Ordinance No. 4 of 2008</b> notified in the Extraordinary Gazette No. 507 dated 19th August 2008 as second Agricultural University by bifurcating the JNKVV, Jabalpur. As per RVSKVV act (No. 4, year 2009), the horticulture and veterinary science & animal husbandry.				
		C. C. S. University (formerly, Meeru to the needs of higher education in w Ph.D. programmes were started in 196 the country to introduce M. Phil. Prog GLA UNIVERSI	<b>LTURE, CCS UNIVERSITY, MEERUT, UP</b> t University) was established in <b>1965,</b> to cater estern Uttar Pradesh. Initially, the M.Phil and 59 taking credit of becoming first University in ramme. 252 professional colleges/ institutions <b>TY, MATHURA, UP, INDIA</b>			
		Ganeshi Lal Agrawal of establishing a and the region and beyond. <b>NATIONAL GLADI</b> National Gladiolus Trust was establis <b>No.492284 dated 10.11.17</b> and JK	cided to fulfill the dream of his father, late Sh. In Institute for quality education to the people DLUS TRUST (NGT) JAMMU, J & K shed in the year 2017 under the Registration Society Act Regd. No. RCS\J and K-959 W. 181205. This Truct uses granted with the			
SAMAGRA VIKAS EVAM PARYAVARAN S SVPSS Society is a based non-governr Society Act 1860, registration no. is a objective of society are to promote a holist life and socio-economic condition of poor, keeping safeguard of ecosystem and Enviro	nental organization registered under the <b>ALL/01736/2019-20</b> . The main aim and ic approach in order to improve quality of weaker sections and farming communities	objects <i>viz.</i> to promote scientific cultiv <b>RURAL AND EDUCATION D</b> The society is a national, non-gov organization founded in <b>2013</b> . Object intended to promote the research	u 181205. This Trust was created with the vation of Gladiolus in India <b>EVELDPMENT SOCIETY, MEERUT, UP</b> vernmental, non-profit, scientific and social ive of the society is to engage in all activities education and social work. <b>REDS</b> regular If yearly frequency in English language			
ABOUT THE PUBLICATION PARTNERS						
RESEARCH JOURNALS INTERNATIONAL JOURNAL OF AGRICULTURAL INVENTION: ISSN: 2456-1797 (P) Indexing: Cosmos, Cross Ref. DOI, Research Bib, Academia, Google Scholar, Research Get, www.agriinventionjournal.com CORM: THE JOURNAL OF FURICULTURE: ISSN: 2321-9068, Indexing: NAAS Rating: 2.42, Google Scholar, Cross Ref. I2OR, Research Bib, www.floricorm.in INTERNATIONAL JOURNAL OF AGRIWORLD: E-ISSN: 2582-7537, Google Scholar, I2OR, JI Factor, Research Bib, Academia, IIFS, Advance Science Index, Cross Ref., <u>www.svpss.in</u> FLORA & FAUNA: A Peer Reviewed Journal, Online ISSN 2456-9364, Print ISSN 0971-6920, Indexing NAAS- 4.55, UGC Care, Web of Science, DST Recognized, ICI, ICV- 96.06, www.floraandfona.org.in ADVANCE IN DIROTEMENT IN DESTINATION OF THE INSURATION OF THE INSULATION OF THE I						

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ADVANCES IN BIDRESEARCH: A Bimonthly Peer Reviewed, Online ISSN 2277-1573 Print ISSN 0976-4585, Indexing: NAAS-4.53, GIF-0.56, UGC Approved., ICI, Thomson Router, ICV-86.92, RG-0.36 www.soeagra.com BOOK PUBLISHERS LEARNING MEDIA PUBLICATION: Meerut, UP, India, www.learningmedia.in, www.indiamart.com BIDTECH PUBLISHERS: Dariaganj, Ansari Road, New Delhi, India, www.biotechbooks.in

Conference Email: sabcdconference2022@gmail.com

#### ABOUT THE CONFERENCE (SABCD-2022)

Sustainable development is sustaining the ability of natural systems to provide the natural resources and ecosystem services on which the economy and society depend. It can be ensured through smart agriculture practices and conserving biodiversity. Smart agriculture through advanced technologies like Internet of Things, location systems, robots and artificial intelligence can enhance the quality and quantity of the crops while optimizing the human resources on farms. Although India has only 2.5 percent of land area, it has a large and diverse pool of plants and microbes which accounts for 7.8 percent of recorded species in the world. Biodiversity is being lost due to the loss of habitat, over-exploitation of resources. climatic changes, pollution, invasive exotic species, diseases, hunting, etc. Since it provides us with several economic and ethical benefits and adds aesthetic value, it is very important to conserve biodiversity. In view of these facts the Agricultural Technology Development Society, Ghaziabad, Shobhit Deemed to-be-University, Meerut, Jaipur National University, Jaipur, Rajasthan, India and Department of Horticulture, J. V. College, Baraut, UP in collaboration with Swami Keshwanand Rajasthan Agricultural University, Bikaner, Rajasthan, SNRM, CPGS-AS, Central Agricultural University, Umiam, Meghalaya, ICFRE- Forest Research Centre For Eco-Rehabilitation, Prayagraj, UP, RO, Coconut Development Board, Patna, Bihar (Government of India), Bihar Agricultural University, Patna, Bihar, Department of Horticulture, College of Agriculture, RVSKVV, Gwalior, MP, Soil, Water and Environment Research Institute, Giza, Egypt, Department of Horticulture, CCS University, Meerut, UP, International Association for Promoting Geoethics, Kathmandu, Nepal, National Gladiolus Trust (NGT) Jammu, J&K, Samagra Vikas Evam Paryavaran Sanrakshan Samiti, Prayagraj, UP and Rural and Education Development Society, Meerut, UP is jointly organizing 5<sup>th</sup> international Conference on 'Advances in Smart Agriculture and Biodiversity Conservation for Sustainable Development (SABCD-2022) on date 04-06 March 2022 at Conference Hall, Jaipur National University, Jaipur, Rajasthan, India. The opportunity of the international conference will provide the platform for discussion, interaction, research communication to gain cutting edge technology and implementation of future strategies for conservation of agriculture and biodiversity for sustainable development.

#### CONFERENCE SESSION ON DATES 04 - 06 MARCH, 2022 AT JNU, JAIPUR, RAJASTHAN

- Conference Session will be held on 04-05 March, 2022 at Conference Hall, Jaipur National University, Jaipur, Rajasthan
- Two Days expert deliver their lectures during technical session according to programme schedule
- Inaugural Session on date 04/03/2022 at 10 am to12 pm
- Technical Sessions for Oral & Poster Presentations according conference schedule (mention in final circular)
- Interactive Sessions and share the knowledge from relevant experts for professionals, farmers & students
- Plenary & Concluding Technical Session will be reward 2 best oral/ poster presentation award (2 in each technical session)
- Cultural Nights on date 05 March, 2022 at 6.00 pm to 8.00 pm
- Valediction Ceremony on date 05/03/2022 at 2.00 pm to 4.00 pm.
- An Educational Tour for all participants without any fee will be provide in local research and historical places of University and Jaipur tourist sites point by bus on date 06/03/2022.
  - INTERNATIONAL CONFERENCE THEMES
- Smart Agriculture and Precision Farming
- Natural Resources Conservation and Environment Sustainability
- Biodiversity Conservation for Sustainability
- Land resource management and land use planning
- Management of Problematic Soil in India
- Watershed management and Sustainable utilization
- Nutrient and Bio waste management
- Biodiversity (Plant/Animal) resources and their conservation
- Climate change & resilient agriculture & abiotic stress management.
- Environment Pollution Control and Management
- Environment Monitoring and Surveillance
- Sustainable technology for crop improvement
- Biotechnology, Genetic Improvement in relation to climatic change and food security
- Nanotechnology for increasing productivity in agriculture and applied science
- ITK, ICT, Smart Agriculture and transfer of technology (TOT) for farmers innovation

- Integrated Nutrient, weed and Pest Management
- Desertification and solar farming system.
- Rainfed/Dryland farming and Agriculture Disaster Management.
- Precision agriculture in conservation agriculture system
- Doubling farmer income through Sustainable Agriculture
- · Covid 19 impact on agriculture, policy response and livelihood security
- NTFPs Marketing and constraints in India
- Forest Management and Sustainable development
- National Agroforestry Policy and Agroforestry systems
- Forests productivity and climate change
- Industrial Agroforestry and plantation management
- Demand and supply status of major forest products
- Forests for livelihood security
- Statistical approaches towards sustainable development
- Export and import scenario of agriculture/horticulture produces and their management
- Crop diversification, weed management, integrated farming systems, organic farming

## CALL FOR ABSTRACTS/ LEAD PAPERS/ RESEARCH PAPERS/ BOOK CHAPTERS

Delegates may present their research, theoretical, conceptual, and empirical papers in the International Conference. The abstract of the empirical paper is to be written within 250-300 words. The full length paper should not exceed 6000 words. It must mention the objective, hypothesis, method, result and implication. The abstract/full paper should be typed in English, MS Word, Times New Roman, 12 fonts with 1.5 line spacing. Besides invited papers covering key issue, there will be oral and poster presentations. The full length selected research/review papers/articles will be publishing in the proceeding books, edited books and above mention reputed Journals. **NOTE**: We will take 4-6 months for publication of Book Chapters & Papers after accepted.

1	
Proceeding and Book	Proceeding & edited book published with ISBN by reputed publishers (Biotech Publishers, Learning Media) Publication etc.)
Poster Presentation	1×1.2 m. size poster should be include with Title, Name, Address, Introduction, Materials & Methods, Results & Conclusion
-	kindly send the soft copies of their Abstracts and full length Paper / Articles for publishing with duly filled registration
-	d to participants by ATDS and No any abstract/ paper/ book chapter will be Accepted and published without registration

## **Conference Venue & Accessibility**

International Conference **SABCD-2022** organizes at Conference Hall, Jaipur National University, Jaipur, Rajasthan, India. During March month weather is pleasant and light warm cloth is required. March month experiencing the **Elephant Festival** in Jaipur. It is the biggest capital and largest city of Rajasthan and famous as Pink City of India (UNESCO- World Heritage Sites). It has the 7<sup>th</sup> rank as most popular tourist city in Asia (Conde Nast Traveller Readers Choice Survey, 2008). It is located 268 km from national capital (New Delhi), 240 km from Agra, 252 km from Kota, 421 km from Udaipur, 520 km from Mount Abu.

JAIPUR TRANSPORTATION: JAIPUR TOURIST PLACES: Airport, Railway Junction, Metro Train, AC and Deluxe Buses, Ola and Uber Taxi etc. Hawa Mahal, Amber Fort, Jal Mahal, City Palace, Galtaji, Albert Hall Mesium, Nahargarh Fort, Jantar Mantar, World Trade Park,

HOW TO REACH JAIPUR:

Jaigarh Fort, Sawai Mansingh Stadium, Elephant Festival (March), Birla Mandir, Jaipur Zoo, Shish Mahal, Raj Mandir Cinema Through Air, Train, Bus, private Car, Taxi etc. from the all State and City of India as well as Abroad.

## TOURIST PLACES NEAR CONFERENCE VENUE IN JAIPUR, RAJASTHAN



	CONFERENCE REGISTRATI				
	ategory for Conference		<b>Conference Fee Rs. (INR)</b>		
Scientists/Academi	cians/ Professionals/ Corporate		1500		
Students/ Research	Scholars/ Research Associates/ SRF/ATDS Life Members		1000		
Publication Charge	or IJAI, CORM & IJAW Journal, Book Chapters & Local Visi	t Tour at Jaiour. Raiasthan	Free		
	or Flora & Fauna Journal (NASS- 4.55, UGC Care, Web of Sc		3500		
	or Advances in Bioresearch Journal (NAAS-4.53, UGC Appro		4000		
	icipation registration fee covers conference kit (Do	· · · · · · · · · · · · · · · · · · ·			
	on Certificate, Conference Break Tea, Refreshment, I		viask, Hanu Samuzer) Abstract		
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	CONFERENCE PAYMENT DE	TAILS (SABCD - 2022)			
Bank Details f	or Fee Payment		yment Details		
Account Name	Agricultural Technology Development Society	PayTm	ATDS Account		
Bank Name	Canara Bank	Google Pay G Pay	9760478520		
Bank Address	Muradnagar, Ghaziabad, U.P., India	PhonePe <b>Ser</b>	/		
Account No.	3766101002135		7017720161		
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MICR Code	110015207	PayPal	paypal.me/atds2016		
	ATDS AWARDS & HONORS-2021 (On	ly 2 Awards in Each C	ategory)		
<ul> <li>Scientist/ Budding Scientist/ Women Scientist/ Teacher of the Year Award</li> <li>Emerging/ Budding Scientist Award</li> <li>Dutstanding/ Young Scientist Award</li> <li>Dutstanding/ Young Scientist Award</li> <li>Best Teacher / Author / KVK Scientist/ Environmentalist Award</li> <li>Best Teacher / Author / KVK Scientist/ Environmentalist Award</li> <li>Excellence Teaching/ Research / Extension / Academician Award</li> <li>Best Forestry Scientist Award</li> <li>Global Scientist/Teacher / Environmentalist Award</li> <li>Best Forestry Scientist Award</li> <li>Best Forestry Scientist Award</li> <li>Young Achiever / Research Fellow / Teacher / Professional / Environmentalist Award</li> <li>Innovative Farmer Award</li> <li>Artos Special AwardS- 2021 (Special Scientist Award</li> <li>Young Agronomist / Horticulturist / Floriculturist / Entomologist Award</li> </ul>					
<ul> <li>Young Academician/Biologist/ Forester/Ecologist/ Breeder Award</li> <li>Young/Biotechnologist/ Geologist/Soil Scientist/ Veterinarian Award</li> <li>Young Plant Pathologist/ Extension Worker/Dairy Scientist Award</li> <li>Best Plant Pathologist/ Dairy Scientist/ Extension Worker Award</li> </ul>					
-	ugist/ Extension worker/ Dairy Sciencist Award 🛛 👗 Di	est Plant Pathologist/ Dairy Scienti	st/ Extension Worker Award		
-	GUIDELINES FOR AWARD NOMIN	<u> </u>			
Young Plant Pathol All interested delege January, 2022 to C scientist, young fello or Author award kind *Note: Lifetime mem Research Scholar/B	<u> </u>	ATION (ATDS Awards- reneurs are requested to send a dconference2022@gmail.con award and all others Young scient ook. academicians/Professionals: INR 4 and rupees only and all other pre	• <b>2021)</b> soft copy of their bio-data before ' m, Age limit below 40 years for you ist/teachers awards). For Best thes 000/- Four thousand rupees only a evious lifetime members of the ATC		

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