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Dr. Surya Narayan, Dept. of Horticulture, KAPG College, Prayagraj, (U.P.)

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Miss Vinny John, Dept. of Plant Patho., SHUATS, Prayagraj (U.P.)
Miss Harshita Pant, SBSRD, Prayagraj, (U.P.)

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Oral and Poster presentation Schedule: Limitation for paper presentation will be 10 minutes for invited paper and 08 minutes for contributory papers including discussion. We invite participants to present their posters during the conference. The poster should be related with the topic and sub themes of the Conference. The poster size should be 2x3 feet. Title, Name(s) of Author(s) and Institute address should be written at the top of the poster. Each participant will receive a certificate. The participants may present their papers by oral/poster in virtual mode only during the Conference due to Covid-19.

Registration

The last date of registration is December 10, 2021 and the Registration Fee is given below:

- | | | |
|------------------------------------|---|-------------|
| (1) Life Members/Associate Members | : | Rs. 1,500/- |
| (2) Non-Life Members | : | Rs. 2,000/- |
| (3) Research Scholars | : | Rs. 1,000/- |
| (4) AIASA Members/Students | : | Rs. 1,000/- |

Note : After 10 December 2021 on registration fee will be extra Rs. 200/- with above mentioned registration charge.

MODE OF PAYMENT:

Only through NEFT/ RTGS online transfer, Please make your payment to the following bank account and a copy of your bank transfer receipt specifying your name.

Name of Beneficiary: **SOCIETY OF BIOLOGICAL SCIENCES & RURAL DEVELOPMENT, Prayagraj**

Account Number: 31105794798

IFSC : SBIN0005440, Name of Bank: SBI, Jhansi

REGISTRATION

Registration is available for all Students, Scholars, Faculty Members and Scientists, Academicians.

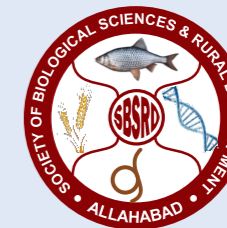
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Note: The valedictory function and award ceremony (for local members) will be conducted in off-line mode on the date of 20 Dec. 2021 : The award & participation certificates will be send by post for those members who belongs to out of the city.

1. Participants are requested to register well before the deadline.
2. The webinar will be conducted on Google Meet and the link will be sent to the registered email id's, WhatsApp numbers two hours earlier to the scheduled time of web-conference.
3. All the participants would be provided with e-certificates for academic recruitments and promotions.
4. Updates regarding the web-conference would be communicated via email and Whats App
5. All Award certificates will be sent to their correspondence address in form of Hard copy.

International Web Conference on Emerging Sustainability Trends in Agricultural, Rural & Environmental Development



December, 19-20, 2021

Circular-Cum-Invitation

SOCIETY OF BIOLOGICAL SCIENCES AND RURAL DEVELOPMENT
10/96, Gola Bazar, New Jhusi, Allahabad (Prayagraj) - 211 019 (U.P.), INDIA

Conveners

Dr. S.C. Pathak, Patron
Prof. Krishna Misra, President

Venue

Vigyan Parishad, Prayag
Maharshi Dayanand Marg, Prayagaraj - 211002 (U.P.)

Organizing Secretary

Dr. Hemlata Pant
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Mr. Piyush Raman Pandey
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SOCIETY OF BIOLOGICAL SCIENCES AND RURAL DEVELOPMENT
10/96, Gola Bazar, New Jhusi, Alld. (Prayagraj) - 211 019 (U.P.), INDIA

About the Conference

Agriculture is an important sector that acts as major contributor to the Indian economy. Agricultural engineering is developed to make advances in sustainable agriculture which is totally eco-friendly. Food security and crop production will gain strength, if agricultural engineering is developed appropriately. Food Processing industry especially agro-horticulture based research is identified as a thrust area of development. Fruit and Vegetables such as Banana, Jack, Fruits, Orange, Lemon, Potato, Tomato, etc. have good marketing scope if harvested processed and packaged. Food Processing also includes the development of protein rich foods and food additives. There is an increasing interest in applying modern food technology, food and nutrition problems. The main nutritional implications are in particular reducing food wastage and preventing losses in nutritive value and conserving or enhancing palatability. Innovative food processing technologies such as High Pressure Processing, High Pressure Thermal Sterilization, Radiofrequency, Ultrasound, Ultraviolet, Pulsed Electric Fields Processing, etc. are the only suitable options for sustainable food security. This will not only help for food protection, but will also help us to increase our export potential. The economic status of producers will also improve resulting in an inclusive growth. We need innovative technologies suitable to India's conditions and newer ventures in food industries to process and preserve the food. It will also create awareness amongst stake holders on the values and qualities of available technologies as well as on the benefits of innovative technologies for processing, preservation and value addition of foods are essential for effectively managing our foods and for reducing post-harvest losses.

The rapid growth in global population, urbanization, and industrialization has led to several complications such as depletion of natural resources, environmental pollution causing climate change, and potential health risks including scarcity of food and potable water. It is now widely recognized that 21st century is the age of environmental challenges world over, all the countries are facing increasing threat of climate change, pollution, deforestation, disasters, land use change, biodiversity and ecosystem services losses, environmental health diseases & epidemics and impinging challenges of socio economic inequalities and development. Increased anthropogenic activities have further escalated the magnitude of these environmental losses. We are witnessing the most severe environmental crisis ever in the history of the Earth. Chances are ripe that if nothing is done soon enough to address these looming environmental challenges, we may be soon facing an existential crisis of life on this planet.

Recently in September 2015, the United Nations adopted the 2030 Agenda for Sustainable Development

that included 17 Sustainable Development Goals (SDGs) and 169 inter-linked targets. The goals and targets covered under 2030 Agenda includes poverty eradication, mitigating pollution, increasing reliability and sustainability, ensuring access to clean air, water and energy, sanitation and hygiene, sustainable cities and urbanization, bio-diversity conservation etc. A sharp focus was laid to achieving economic, social, cultural, civil, political and human rights under SDGs by removing gender inequality, conflicts, poverty and environmental threats. The International Seminar on "International Web Conference on Emerging Sustainability trends in Agricultural, Rural & Environmental Development" will provide a national forum to academicians, scientists, researchers, small entrepreneurs and food processing industries, to discuss critical issues and concerns to advanced and innovative techniques in food processing and agricultural technologies for better environment. The seminar will also provide opportunities for networking and collaboration amongst researchers and industry.

Thrust Area of the Conference

The major themes of the Conference are as follows :

1. Recent Trends in agriculture science and technologies.
2. Horticultural innovations, food processing and value addition.
3. Management & Development of Natural Resources with particular reference to tourism.
4. Disasters & their management contemporary development issues Socio-economic & legal dimension of sustainable development.
5. Environmental and livelihood security for sustainable development.
6. Food technology, nutrition and health sciences.
7. Environmental aspects of integrated pest management.
8. Advances in dairy science and technologies.
9. Rural livelihood women empowerment and development in allied sectors like : fisheries, poultry, dairy, home science and other relevant areas.
10. Applied aspects in physics, chemistry and biological sciences.

Publication (As a Book Chapter): The conference proceedings will be published in the form of an edited book with ISBN. Please submit your book chapter before 1st April, 2022.

E-mail : sbsrdallahabad@gmail.com

Awards:

The following awards will be presented on approval of the Executive Council:

- (1) **Life Time Achievement Award:** Eminent person for recognition of outstanding contributions in his/her respective field. (age limit above 55 yrs.)
- (2) **Honorary Fellowship:** Eminent scientist in recognition of outstanding

contributions in his/her respective field. (age limit above 50 yrs.)

- (3) **Fellowship:** Eminent scientists in recognition of significant contributions in his/her respective field.
- (4) **Distinguished Service Award:** Scientist contributed for growth of science, Education, Society and Rural Development.
- (5) **Scientist of the Year Award :** Age limit below 50 years.
- (6) **Best Teacher / Extension Functionaries Award.**
- (7) **Young Environmentalist Award :** Age limit below 40 years.
- (8) **Young Scientist Award :** Scientist below the age of 35 years.
- (9) **Best Research Thesis Award :** Ph.D. and M.Sc.
- (10) **Junior Scientist Award:** Research Scholars below the age of 30 years.
- (11) **Paryavaran Mitra Puraskar**
- (12) **Innovative Farmer Award**

Note : Life Membership fee and award nomination fee mandatory for all SBSRD Awards (except 1 and 12).

Life membership fee is Rs. 4000/- only and award nomination fee is Rs. 1000/-

The applicants are requested to submit their Brief Bio-data and List of Publications to the General Secretary of the Society till 30th November, 2021.

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Dr. D.K. Srivastava, Joint Director (Agriculture), Council of Science & Technology, Lko U.P.

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