

Special National Symposium on Extension Plant Pathology : Technological Backstopping to the Farmers/ Other Stakeholders

September 25-26, 2018



Organized by

**Indira Gandhi Krishi Vishwavidyalaya
Raipur Chhattisgarh, India**

in collaboration with

**Indian Phytopathological Society
New Delhi, India**

**Directorate of Horticulture and Farm Forestry
Govt. of Chhattisgarh, Raipur**



Important Dates

Last date for abstract submission : September 10, 2018
Last date of early bird registration : September 10, 2018
Accommodation booking : September 10, 2018

Invitation

It is a matter of great pleasure to announce that Indira Gandhi Krishi Vishwavidyalaya (IGKV), Raipur and Indian Phytopathological Society, New Delhi is jointly organizing Special National Symposium on **“Extension Plant Pathology: Technological Backstopping to the Farmers/Other Stakeholders”** on September 25-26, 2018. The symposium is open to all the scientists, academicians, researchers, students, progressive farmers, government officials and policy makers to participate actively and make it a grand success.

Background

India is an agrarian country with more than 60% of its population directly or indirectly dependent on agriculture which contributes nearly 18% to country's GDP. About 30-35 % of annual crop yield in India gets wasted due to pests. This is a massive loss of agricultural produce leading to chronic hunger and malnutrition to almost 25% of the India's population. Ensuring food security for a population of more than 1.27 billion with diminishing cultivable land resource is a herculean task. According to an estimate, India would require more than 450 million tonnes of food grains to feed 1.65 billion people by 2050 which will be a very difficult task. Plant protection strategies have assumed significance in the overall crop production programmes for sustainable agriculture and aim at minimizing crop losses due to ravages of insect pests, diseases, nematodes etc. Crop protection and crop enhancement solutions, based on best global practices and the latest technologies available are the answer. There are good emerging trends and solutions for sustainable crop protection which include crop protection chemicals, fertigation, seed treatment, bio-technology development etc. Recent advancements in research made early-detection of pathogens possible which further facilitated their timely management. The identification of weak-links in the life cycles of several dreaded pathogens helped in selecting efficient disease management strategies viz., chemical, cultural, biological, mechanical, host plant resistance and in arresting their further development and spread. Bio-agents and bio-stimulants of beneficial microbial antagonists have been found quite beneficial to manage the plant pathogens inflicting the higher yield losses in crops. Biological control has been well established to combat serious emerging biotic and abiotic stresses under changing climate as well as under organic crop cultivation for sustainable agriculture. There is great scope to work on microbial antagonists to identify them as bio-agents to exploit their potential. Chemical pesticides have been an integral part of the process by reducing losses from the diseases and insect pests that can markedly reduce the amount of harvestable produce. Application of pesticides continues to play a significant role in reducing crop losses due to pests even under IPM as a last resort. The success of pest management operations depends on proper technique of application of pesticide and the equipment used. Selecting the right equipment for pesticide application is vital for successful pest control to ensure safe and judicious use of pesticides. Nutrition, health, livelihoods, and women's empowerment are the important issues which can be addressed through mushroom cultivation. It is increasingly becoming popular because it not only meets the dietary requirements but also adds to the income, especially of growers with insufficient land. It is considered to be a very rewarding and fascinating enterprise. With this background, the special symposium is aimed to provide a common platform to academia, students, KVK personnel and other stakeholders to share their rich experiences and knowledge about the latest development and to draw a road map for future work in technological backstopping in the field of Extension Plant Pathology to the farmers/other stakeholders.



About Indira Gandhi Krishi Vishwavidyalaya (IGKV)

IGKV is located at Raipur, which is the capital of Chhattisgarh, is only agricultural university in state with responsibility of agricultural education, research and extension of technologies. It has a prestigious and long history of services to the tribal farming community of this region. The research was started in 1903 by establishment of Agricultural Research Station "Labhandi". In 1961, college of agriculture was established, and on January 20 in 1987, IGKV was established. The jurisdiction of IGKV is entire state which has three distinct agroclimatic zones and has diverse conditions. The Bastar zone is among one of the eight biodiversity hot spots in country. The university is recognized as one of the most important biodiversity repository in the world, particularly for rice and lathyrus. The teaching is imparted in agriculture, horticulture and agricultural engineering faculties through its 17 constituent and 15 affiliated colleges. There are nine research stations carrying out research in different areas, and 24 Krishi Vigyan Kendras involved in dissemination of technologies to the farming community of the state. The university through its KVKs has done commendable work for the welfare of the farming community which has been reflected in receipt of 04 ICAR Best KVK National Awards/Mahindra Samridhhi Agri India Award and 05 Best KVK ICAR Zonal Awards.

The Department of Plant Pathology at College of Agriculture, Raipur came in to being since 1989 with enrolment of only three students. Thereafter, the strength of the students increased as we grew and the different laboratories were established and gradually strengthened. The faculty from few in numbers, now increased to 33 in different constituent colleges, research stations and in Krishi Vigyan Kendra's of the university. The department has now expanded in to a big department with not only post graduation but we have doctoral degree programmes as well. The student strength at PG from three in 1989 has increased to 20 in 2017 along with Ph.D. intake of Six students. This department is producing quality students fulfilling the need of the farming community and educational institutions. Our faculty is well qualified, trained and have National and International exposures. The faculty is widely travelled, have international exposure to different countries of the world, published quality research papers in National and International Journals of high ranking, competent enough in handling dozens of ad hoc research projects funded by different funding agencies like Department of Biotechnology, Department of Science and Technology, ICAR, CSIR etc., and organized several Asian Conferences/National Conferences.

About Indian Phytopathological Society, New Delhi

The Indian Phytopathological Society is a professional forum for promoting the science of Phytopathology. It is the third largest society of plant pathologists in the world. The Society was established on February 28, 1947 at The Division of Mycology and Plant Pathology, Indian Agricultural Research Institute, New Delhi. The Society is devoted to the study of plant diseases and controls, constantly advancing modern concepts in plant health management in agricultural, urban and forest settings. Through its journal, the IPS provides information on the latest developments and research advances in the area of plant health science, sharing information with the scientific community, policy makers, and the general public.



About Raipur, Chhattisgarh

Raipur is a city in Raipur district in the Indian state of Chhattisgarh. It is the erstwhile capital of Chhattisgarh. It was formerly a part of Madhya Pradesh before the state of Chhattisgarh. Raipur has been in existence since the 9th century; the old site and ruins of the fort can be seen in the southern part of the city. Raipur district is important historically and as a point of interest archaeologically. This district was once part of the Dakshina Kosala Kingdom and later became part of the Maurya Empire. Raipur is located near the centre of a large plain, sometimes referred as the "rice bowl of India", where hundreds of varieties of rice are grown. The Mahanadi River flows to the east of the city of Raipur, and the southern side has dense forests. The Maikal Hills rise on the north-west of Raipur; on the north, the land rises and merges with the Chota Nagpur Plateau, which extends north-east across Jharkhand state. On the south of Raipur lies the Deccan Plateau. Naya Raipur is a city located between National Highways NH-6 and NH-43, about 17 km south-east of the current capital Raipur; Swami Vivekananda Airport separates the old and new cities. Naya Raipur is serving as the administrative capital of the State and also caters to the infrastructural needs of industry and trade in the region. Naya Raipur is surrounded by the cities of Raipur, Arang, Mahasamund, Rajim and Abhanpur. Naya Raipur covers an area of about 8000 hectares. It includes 41 villages out of which 27 villages form the core of Naya Raipur. During the renovation of villages for the construction of Naya Raipur, it displaced the population of one village.

Climate during Symposium

During Symposium in the month of September, the maximum and minimum temperature will be around 36.0°C and 24.0°C, respectively which will be relatively warm and humid with occasional rains.

Themes and Technical Sessions of the Symposium

- Session 1 : Identification, diagnosis and management of plant diseases caused by plant pathogens
- Session 2 : Production and application of biocontrol agents for disease management
- Session 3 : Plant protection equipments, their maintenance and use in successful disease management
- Session 4 : Chemical pesticides in effective management of plant diseases
- Session 5 : Organic cultivation of crops using microbes
- Session 6 : Mushroom production technology: An important agri-business
- Session 7 : Farmers, producers, entrepreneurs, scientists and policy makers interactions

Call for Papers

Conceptual and research based articles or papers related to the seminar themes are invited. Soft copy of abstract (500 words) typed in A4 size paper in Arial font, 10 font size in 1.5 spacing in MS word should reach to the Organizing Secretary on or before: 10th September 2018 through email <ipssymigkv@gmail.com>.

Presentation

There will be three categories of presentations

- Invited / plenary lectures
- Oral presentation of selected papers
- Poster presentations



Awards

The seminar has constituted best oral and poster presentations awards in each themes for first, second and third prizes.

Accommodation

Accommodation for delegates will be available in different guest houses of the university in nominal rates and nearby hotels in advance booking on payment basis. Rooms in the hotels will be booked after receiving accommodation form and deposit (Approx. Single deluxe: 2000/- and Double deluxe: 2500/-).

Sponsorship and Advertisement

Sponsorships are invited from the companies and other organizations for various categories such as Platinum partner (Rs. 50,000/ and above) and Diamond partner (Rs. 40,000/). Advertisements in the Compendium/ Souvenir to be released at the venue are also invited. Advertisements in the Compendium will have the following tariff.

Specification Tariff			
Inner Pages		Cover Page (Full pages only)	
Full Page (B & W)	Rs. 30,000/	Back Inner Colour	Rs. 50,000/
Half Page (B & W)	Rs. 25,000/	Front Inner Colour	Rs. 50,000/
Quarter Page (B & W)	Rs. 20,000/	Back Page Colour	Rs. 60,000/
Full Page (Colour)	Rs. 50,000/		
Half Page (Colour)	Rs. 30,000/		
Quarter Page (Colour)	Rs. 25,000/		

Targeted participants

Scientists, academicians, researchers, students, governmental officials, policy makers, development practitioners, progressive farmers, etc.

Registration

Only registered delegates/special invitees are entitled to attend the symposium. Participants are requested to send the registration form duly filled through email along with the fee in the form of Demand draft or through RTGS/ online transfer in favour of: Agriculture Education and Research Foundation payable at Raipur latest by September 15th, 2018.

The Brochure, Proforma of Abstract, Registration form and Travel plan are also available on university website: www.igau.edu.in and IPS, New Delhi website www.ipsdis.org

Registration fee (INR)		
Category	Early Bird	Spot
Scientists, Academicians, Governmental Officials, NGO Personnel, Corporate Sector Personnel	4000	4500
Students	1500	2000
Progressive Farmers	1500	2000
Accompanying person	3500	4000
Foreign delegates	\$ 150	\$175

Bank details for RTGS/online transfer

Beneficiary Name : Agriculture Education & Research Foundation Bank Name : UCO Bank
Bank Address : Krishak Nagar, Raipur- 492 012 Branch : Krishak Nagar, Raipur (CG)
Account No. : 17940110033203 Account Type : Saving
IFSC code : UCBA000011794.

Programme at a Glance

Time	25.09.2018 (Tuesday)	Venue
08.00-09.30 hrs.	Registration	Swami Vivekanand Auditorium
09.30-11.00 hrs.	Symposium Inauguration and Keynote address	Swami Vivekanand Auditorium
11.00-11.30 hrs.	Tea break	
11.30-13.30 hrs.	Session 1: Identification, diagnosis and management of plant diseases caused by plant pathogens	Swami Vivekanand Auditorium (Concurrent with Session 2)
	Session 2: Production and application of biocontrol agents for disease management	Seminar Hall, COA, Raipur (Concurrent with Session 1)
13.30-14.30 hrs.	Lunch break	
14.30-17.00 hrs.	Session 3: Plant protection equipments, their maintenance and use in successful disease management	Swami Vivekanand Auditorium (Concurrent with Session 4)
	Session 4: Chemical pesticides in effective management of plant diseases	Seminar Hall, COA, Raipur (Concurrent with Session 3)
17.00-18.00 hrs.	TEA BREAK	
18.00-20.00 hrs.	Cultural Programme	
20.00-21.00 hrs	DINNER	
Time	26.09.2018 (Wednesday)	
09.00 -09.45 hrs.	Plenary Lecture	Swami Vivekanand Auditorium
09.45-11.15 hrs.	Session 5: Organic cultivation of crops using microbes	Swami Vivekanand Auditorium
11.15-11.30 hrs.	Tea break	
11.30-13.00 hrs.	Session 6: Mushroom production technology: An important agri-business	Swami Vivekanand Auditorium
13.00-14.00 hrs.	Lunch break	
14.00-16.00 hrs.	Session 7: Farmers, producers, entrepreneurs, scientists and policy makers interactions	Swami Vivekanand Auditorium
16.00-18.00 hrs.	Plenary and Valedictory Session	Swami Vivekanand Auditorium



ORGANIZING COMMITTEE

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Hon'ble Vice Chancellor,
Indira Gandhi Krishi Vishwavidyalaya, Raipur

Shri Sunil Kumar Kujur, IAS

ACS & Agril. Production Commissioner,
Govt. of Chhattisgarh

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- Convener** : Dr. Dinesh Singh, Secretary, Indian Phytopathological Society, New Delhi
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Shri G.K. Nirmam, Registrar, IGKV, Raipur
Shri S. Jha, Comptroller, IGKV, Raipur
Er. Yashwant Sahu, Superintendent Physical Plant, IGKV, Raipur
Dr. Madhav Pandey, Librarian, IGKV, Raipur

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Registration and Accommodation Form

Special National Symposium on Extension Plant Pathology: Technological Backstopping to the Farmers/Other Stakeholders

September 25-26, 2018

Name :
Designation :
Address :
Mobile :
Fax :
Email :
Registration fee:
Number of accompanying person with details :
Draft No. date and amount :
Title of Paper/Abstract :
Travel plan
Date and mode of Arrival :
Date and mode of Departure :
Place and date:
Signature :

Bank details for RTGS/ Online transfer:

Beneficiary Name : Agriculture Education & Research Foundation
Bank Name : UCO Bank
Bank Address : Krishak Nagar, Raipur- 492 012
Branch : Krishak Nagar, Raipur (CG)
Account No. : 17940110033203
Account Type : Saving
IFSC code : UCBA000011794



Kindly send the filled-in Registration form to:

Dr. M. P. Thakur

Organizing Secretary & Director Instructions,
Indira Gandhi Krishi Vishwavidyalaya, Raipur 492 012,
Tel. No. 0771-2444105, Cell: +91 9826191749, Email: ipssymigkv@gmail.com

Dr. R. K. Dantre

Co-organizing Secretary & Deputy Controller (Exam), IGKV, Raipur; M: 09424214723

Dr. C. P. Khare

Co-organizing Secretary & Deputy Registrar, (Aca.), IGKV, Raipur; M: 09425211030

Dr. A. S. Kotasthane

Co-organizing Secretary & Prof. & Head, Deptt. of Plant Pathology, IGKV, Raipur; M:9893003430