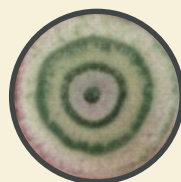


<www.aau.in>

<www.ipsdis.org>

Special Symposium
on
**Microbial Antagonists and Their Role in
Biological Control of Plant Diseases**
&
West Zone Meet of IPS (2017)

October 5-7, 2017



Organized by
Department of Plant Pathology, B. A. College of Agriculture
Anand Agricultural University, Anand (Gujarat) India

in collaboration with
Indian Phytopathological Society, New Delhi, India



B.A. College of Agriculture, Anand

Special Symposium & West Zone Meet of IPS: 2017

Invitation

It is a matter of great pleasure to announce that Department of Plant Pathology, BACA, Anand and Indian Phytopathological Society, New Delhi is organizing Special Symposium on “**Microbial Antagonists and Their Role in Biological Control of Plant Diseases**” on October 5-7, 2017 at Anand Agricultural University, Anand. 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

Global food security is a major goal for developing and developed nations to feed the ever growing population, which is expected to reach over 9 billion in the year 2050. Good Agricultural Practices (GAP) need to be evolved for eco-friendly and sustainable agriculture to meet the challenges of growing population as well as to preserve environment and natural resources. The challenges are to reduce the use of hazardous chemicals in maintaining crop quality and yield. Plant diseases alone contribute more than 26 per cent loss in global food production. Injudicious use of chemical pesticides has major drawback of toxicity, environmental pollution, development of resistance against pests, adverse effect on beneficial soil micro-flora and fauna.

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. Biological control is an emerging field and there is great scope to work on microbial antagonists to identify them as bio-agents. The information on different aspects of isolation, identification of efficient bio-agents; mass multiplication, commercialization, registration, etc. need to be generated to exploit their potential. An emerging holistic approach for agriculture in the country through dynamic transition toward organic farming for achieving sustainability in agriculture and Doubling Farmers' Income by 2022 is an important mission addressed by Hon'ble Prime Minister to the nation. There has to be a concrete roadmap to achieve these challenges. This constitutes a rare opportunity which will draw broadfield expertise towards present and future needs in practical biological control with consideration of the realities of practical applications of bio-agents. The symposium is aimed to provide a common platform to academia, students and other stakeholders to share their rich experiences and knowledge about the latest development and to draw a road map for future work in the field of biological control.

About Anand Agricultural University

Anand Agricultural University (AAU) was established in 2004 at Anand with the support of the Government of Gujarat, Act No. (Guj 5 of 2004); dated: April 29, 2004. Caved out of the erstwhile Gujarat Agricultural University (GAU), the dream institution of Sardar Vallabhbhai Patel and Dr. K.M. Munshi, the AAU was set up to provide support to the farming community in three facets namely education, research and extension activities in Agriculture, Horticulture, Agricultural Engineering, Product Processing and Home Science, etc. At present there are ten Colleges, twenty three Research Centers, KVKs, and Extension Institutes working in nine districts of middle Gujarat. A huge workforce of trained teachers and scientists is working to carry out diversified activities in education, research and extension education.

About Department of Plant Pathology, B. A. College of Agriculture

Bansilal Amrutlal College of Agriculture was established in 1947 with the tireless efforts by Sardar Vallabhbhai Patel-the Ironman of India, learned Shree Kanaiyalal Maneklal Munshi and Agricultural scientist Dr. M.D. Patel. It has been significantly contributing to agricultural development and research for Gujarat and nation at large. The Department of Plant Pathology was created in 1947. Dr. M.J. Thirumalachar was the first Head of the Department, followed by Dr. N. Prasad, Dr. M.K. Patel, Dr M.V. Desai, Prof. A.J. Patel, Dr. J.G. Patel, Dr. B.K. Patel, Dr. Ashok Mishra, Dr. G.B. Valand, etc. Their contributions made the Department as the recognized leader in the country in the field of Plant Virology, Seed Pathology, Biological Control, Mushroom culture, Management of Plant diseases, etc. Presently the department is headed by Dr. R.N. Pandey with 9 Professors, Associate Professors and Assistant Professors and 7 supporting staffs. The department has 11 different projects viz. AICRP on Seed Technology & Lead centre of seed borne viruses, State Non plan for education and plant disease management; Plan Projects on Plant Virology, Biocontrol of plant disease, Mushroom culture, GSBTM project, other agency funded projects, etc. The department has art of state laboratory of Plant Virology, Biological Control and Seed Pathology. The department is producing Anubhav *Trichoderma viride* for the use of farmers as transfer of bio-control technology.

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 Anand, Gujarat

Anand is known as the **Milk City of India**. It became famous due to Amul dairy and its milk revolution. This city hosts the Head Office of Gujarat Cooperative Milk Marketing Federation Ltd (GCMMF), National Dairy Development Board of India (NDDB), well known business school-IRMA and the Anand Agricultural University. Also other famous educational hub is Sardar Patel University, Vallabh Vidhyanagar, an educational subhub of Anand which is home for around 30,000 students from all over the India. Anand is located on the Ahmedabad-Mumbai railway line, 65 km from Ahmedabad Airport and 40 km from Vadodara airport and railway station. It is also connected by Expressway Golden quadrilateral. The city is located at 22.35 °N Latitude and 72.55 °E Longitude. AAU is located near Anand city at about 5 km from railway station and 4 km from ST bus station.

Climate during Symposium

During Symposium in the month of October, the maximum and minimum temperature will be around 33.0°C and 22.0°C, respectively which will be relatively warm and humid with occasional rains.

Themes and Technical Sessions of the Symposium

- (i). Ecology, Biodiversity and Taxonomy of antagonists/ bio-agents.
- (ii). Molecular applications in characterization of bio-agents.
- (iii). Secondary metabolism of the bioagents in crop growth promotion through host interactions.
- (iv). Bioagents/ antagonists in integrated management of biotic and abiotic stresses of crops.

- (v). Bioagents in enrichment of organic substrates.
- (vi). Development of formulations and delivery systems for bioagents/antagonists.
- (vii). Policy issues in Registration and commercialization of bioagents.
- (viii). Farmers, producers, entrepreneurs, scientists and policy makers interactions to prepare road map on bioagents.

Programme for West Zone Meet of IPS: 2017

Prof. M. J. Narasimhan Academic Merit Award Contest

The contest is open to all the members of IPS who come under the age group of 35 years. Those who are willing to compete in Prof. M.J. Narsimhan Academic Merit Award Contest should send the abstract (not exceeding 250 words) of their research paper to the “Organizing Secretary” with copy to Zonal President (WZ) latest by the last date of submission of abstracts. The abstracts of papers will be evaluated by a review committee, the selected papers are allowed to be presented at Anand in west zone meet. Finally the selected paper at Anand will be allowed for presentation in the Prof. M.J. Narsimhan Academic Merit Award Contest at Annual Meet of IPS, to be held at Assam Agricultural University, Jorhat, Assam, on 15-17 February, 2018. For detail information pl. see IPS, New Delhi website: <www.ipsdis.org>.

APS Travel Sponsorship for Students

To encourage Plant Pathology students pursuing a doctoral degree in India, the American Phytopathological Society, USA has offered travel sponsorship award to attend APS meet. In this context, the competitions among Ph.D. students in IPS west zone will be held during the symposium. Ph.D. students of west zone are invited to participate in this contest in single or joint authorship. For detail information pl. see IPS, New Delhi website: <www.ipsdis.org>.

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 **Organizing Secretary on or before: September 15th 2017** through email <ipssymaau@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: SSP-AAU-IPS2017** payable at **Anand** latest by **September 15th, 2017**.

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

Registration fee (INR)		
Category	Early Bird	Spot
Scientists, academicians, governmental officials, NGO personnel, Corporate sector personnel	2000	2500
Students	800	1000
Progressive Farmers	500	500
Accompanying person	800	1000
Foreign delegates	\$ 100	\$125

Bank details for RTGS/ online transfer

Beneficiary Name: SSP-AAU-IPS2017, **Bank Name:** Central Bank of India; **Bank Address:** Institute of Agrl. Campus, Anand Branch, Anand- 388110, **Account No.:** 3626883154, **Account Type:** Saving, **IFSC code:** CBIN0281262, **Swift code:** CBININBBLAL

Information on post symposium tour will be provided on registration of members participating in the symposium on dated: September 15th, 2017.

For information, please contact:

Dr. R.N. Pandey, Organizing Secretary and Professor & Head, Department of Plant Pathology, B. A. College of Agriculture, AAU, Anand- 388 110, Gujarat, [Tel. No. 02692-262435, Cell: +91 9925952458, Email: ipssymaau@gmail.com]

Dr. A.B. Brahmabhatt, Co-Organizing Secretary: [Cell: +91 9998387015]

Dr. Dinesh Singh, Co-organizing Secretary, Division of Plant Pathology, IARI, New Delhi-110 012 [Tel. No. 011-25840023, Cell: +91 9968246428, Email: ipstdis@yahoo.com]

PROGRAMME AT A GLANCE

Date & Time	Event	Venue
Thursday, October 5, 2017		
08.00-09.30 hrs.	Registration	BACA Auditorium
09.30-11.00 hrs.	Symposium Inauguration and Keynote address	BACA Auditorium
11.00-11.30 hrs.	Tea break	
Technical sessions (Lead Lectures & Poster sessions)		
11.30-13.30 hrs.	Session 1: Ecology, Biodiversity and Taxonomy of antagonists/ bio-agents	BACA Auditorium (Concurrent)
11.30-13.30 hrs.	Session 2: Molecular applications in characterization of bio-agents	P.G. Seminar Hall (Concurrent)
11.30-13.30 hrs.	Session 3: Secondary metabolism of the bioagents in crop growth promotion through host interactions	BACA Exam Hall Upper Floor (Concurrent)
13.30-14.30 hrs.	Lunch break	
14.30-17.00 hrs.	Session 4: Bioagents/antagonists in integrated management of biotic and abiotic stresses of crops	BACA Auditorium (Concurrent)
14.30-17.00 hrs.	Session 5: Bioagents in enrichment of organic substrates	P.G. Seminar Hall (Concurrent)
14.30-17.00 hrs.	Session 6: Development of formulations and delivery systems for bioagents/ antagonists	BACA Exam Hall Upper Floor (Concurrent)
17.00-18.00 hrs.	Tea break	
18.00-20.00 hrs.	Cultural Programme	BACA Auditorium
Friday, October 6, 2017		
09.00-09.45 hrs.	Plenary Lecture	BACA Auditorium
09.45-11.15 hrs.	Session 7: Policy issues in Registration and commercialization of bioagents	BACA Auditorium
11.15-11.30 hrs.	Tea break	
11.30-13.00 hrs.	Session 8: Farmers, producers, entrepreneurs, scientists and policy makers interactions	BACA Auditorium
13.00-14.00 hrs.	Lunch break	
14.00-15.00 hrs.	Prof. M.J. Narasimhan Academic Merit Award	BACA Auditorium
15.00-16.00 hrs.	APS Travel Sponsorship for Students	BACA Auditorium
16.00-18.00 hrs.	Plenary and Valedictory Session	BACA Auditorium
Saturday, October 7, 2017		
09.00-17.00 hrs.	Post symposium tour/Field visit	

ORGANIZING COMMITTEE

Patron	:	Dr. N.C. Patel, Vice Chancellor, Anand Agricultural University, Anand
Chairman	:	Dr. K.B. Kathiria, Director of Research & Dean, Faculty of PGS, AAU, Anand
Co-Chairman	:	Dr. K.P. Patel, Principal & Dean, Agri., B A College of Agriculture, Anand Dr. B.N. Chakraborty, President, IPS, New Delhi
Core Committee	:	Dr. B.N. Chakraborty, President, IPS, New Delhi Dr. R.N. Pandey, President-elect, IPS; Prof. & Head, Dept. of Pl. Pathology, BACA, AAU, Anand Dr. Dinesh Singh, Secretary, Indian Phytopathological Society, New Delhi Dr. Pratibha Sharma, former Secretary, Indian Phytopathological Society, New Delhi
Organizing Secretary	:	Dr. R.N. Pandey, Prof. & Head, Dept. of Pl. Pathology, BACA, AAU, Anand
Co-Organizing Secretary	:	Dr. Dinesh Singh, Secretary, Indian Phytopathological Society, New Delhi Dr. A.B. Brahmbhatt, Assoc. Res. Scientist, Dept. of Pl. Path, BACA, AAU, Anand

Joint Organizing Secretary: IPS, West Zone 2017

Dr. S.S. Mane, Zonal President (WZ), Dr. PDKV, Akola, Maharashtra
Dr. M.V. Totawar, Zonal Councillor, (WZ) Dr. PDKV, Akola, Maharashtra

Members:

Dr. Arun A. Patel, Director of Extension Education
Dr. D.C. Joshi, Principal & Dean, FPT & BE
Dr. Ashwin M. Thaker, Principal & Dean, Veterinary Science & AH
Dr. J.B. Prajapati, Principal & Dean, Dairy Science
Dr. D.R. Kathiriya, Principal & Dean, Agri. (IT); Director-Information Technology
Dr. R. Subbaiah, Principal & Dean, Agricultural Engineering & Technology
Dr. Y.C. Zala, Principal & Dean, IABMI
Dr. S.H. Akbari, Director of Students Welfare
Dr. M.N. Brahmbhatt, Registrar
Er. B.N. Bhalia, Executive Engineer
Dr. M.K. Jhala, Associate Director of Research
Dr. H.R. Patel, Associate Director of Research
Shri M.G. Vasava, Comptroller

Advisory Committee:

Dr. Y.L. Nene	Dr. C.D. Mayee	Dr. Anupam Varma	Dr. A.N. Mukhopadhyay
Dr. P.K. Chakraborty	Dr. R.K. Khetarpal	Dr. C. Manoharachary	Dr. Gary Harman, USA
Dr. C. Kubicek, Austria	Dr. G. Samuels, USA	Dr. I. Chet, Israel	Dr. S.M. Paul Khurana
Dr. B.L. Jalali	Dr. R.K. Jain	Dr. Appa Rao Podile	Dr. S.R. Niranjana
Dr. H.N. Gaur	Dr. J. Kumar	Dr. Jitendra Srivastava	Dr. Narayan Rishi
Dr. Pratibha Sharma	Dr. C. Chattopadhyay	Dr. M.P. Srivastava	Dr. S.J. Kolte
Prof. A.J. Patel	Dr. D.J. Patel	Dr. J.G. Patel	Dr. Ashok Mishra
Dr. G.B. Valand	Dr. A.M. Shekh	Dr. Akhtar Haseeb	Dr. M.H. Mehta
Dr. Bhupen Dubey	Dr. Satyabrata Maity	Dr. Anil Kush	Dr. M. Anandaraj
Dr. U.S. Singh	Dr. A.K. Misra	Dr. P. Chowdappa	Dr. Rashmi Aggarwal
Dr. T.R. Sharma	Dr. T.S. Thind	Dr. G.S. Saharan	Dr. S.R.S. Dange
Dr. V.K. Baranwal	Dr. Karuna Vishunawat	Dr. H.B. Singh	Dr. Virendra Dhingra
Dr. A.N. Sabalpara	Dr. Rakesh Pandey	Dr. S.S. Sharma	Dr. Naresh Mehta
Dr. M.P. Thakur	Dr. Satish Lodha	Dr. M.S. Patil	Dr. I.U. Dhruj
Dr. K.P. Singh	Dr. Bineet Kumar Sharma	Dr. M. Krishna Reddy	Dr. T. Narendrappa
Dr. N. Thammai	Dr. Gururaj Sunkad	Dr. Janardhana	Dr. S. Jahagirdar
Dr. Om Gupta	Dr. M.S. Bhale	Dr. Shahid Ahmad	Dr. Narendra Prakash
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Dr. Anil Kothasthane	Dr. S. Gangopadhyay	Dr. Ashok Gaur	Dr. Ramesh Chand
Dr. Suseelendra Desai	Dr. D.V. Singh	Dr. Arun Arya	

Registration and Accommodation Form

Microbial Antagonists and Their Role in Biological Control of Plant Diseases

Special Symposium & West Zone Meet of IPS: 2017

(October 5-7, 2017)

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: SSP-AAU-IPS2017, **Bank Name:** Central Bank of India; **Bank Address:** Institute of Agril. Campus, Anand Branch, Anand- 388110, **Account No.:** 3626883154, **Account Type:** Saving, **IFSC code:** CBIN0281262, **Swift code:** CBININBBLAL

Kindly send the filled-in Registration form to:

Dr. R.N. Pandey, Organizing Secretary; Professor & Head, Department of Plant Pathology, B.A. College of Agriculture, AAU, Anand - 388110, Gujarat, [Tel. No. 02692-262435, Cell: +91 9925952458, Email: ipssyaaau@gmail.com]

Important Dates

Last date for abstract submission: **September 15, 2017**

Last date of early bird registration: **September 15, 2017**

Accommodation booking: **September 15, 2017**