

International Conference
on
“Plant-Microbe Interaction and
their implication in Agriculture”
November 16-18, 2020

Mode: Online

Free registration, E-Certificate and
[ebook of the proceedings](#)
will be provided



Convenor
Dr. Nivedita Patra

Department of Biotechnology and
Medical Engineering
National Institute of Technology
Rourkela

Introduction

Plant microbe interaction (PMI) impacts agriculture in various useful ways. By this online platform conference we intend to delve into various advances in the field that have enhanced our knowledge of PMI and therefore served in the advancement of better agricultural practices. The participants will gain insight into the various advances made in the area and also will be able to showcase their research on an international platform.

Call for abstracts: Please send to
conferenceonplantcell2020@gmail.com
on following topics:

Sequencing
PIM
Omics
Root nodules studies
Agrobacterium transgenics
Rhizosphere
Disease Resistance
Gene expression studies
Crop productivity
Crop pathogens and pests
Crop Biotechnology
Plant cell bioprocessing
Microbial cell bioprocessing
Phytopharmaceuticals
Plant and animal cell derived products
Natural products
Others

Selected abstracts will be called for oral presentation. E-certificate for Best oral presentation award will be given.

Conference Publications

International Conference on Plant-Microbe Interaction and their implication in Agriculture welcomes submission of abstracts. The abstracts will be published in the conference ebook of proceedings.

Who should attend

Students and Research scholars
Young faculty and scientists
Industry personnel

Guest of Honour and opening speaker

Prof H S Chawla (Retired)
Author of “Introduction To Plant Biotechnology”

Chief Guest and keynote speaker

Dr. Alok Kalra, Ex-Director CSIR-CIMAP, Presently, consultant, CSIR-Central Institute of Medicinal & Aromatic Plants, Fellow of National Academy of Agricultural Sciences, CSIR Technology awardee 2000, 2012

Selected keynote speakers

Dr. Shri Ram Yadav, Associate Professor, Biotechnology Department, IIT Roorkee
Dr. Gaurav Rajauria, Senior Technical Officer, University College of Dublin, Ireland
Dr. Akanksha Singh, Scientist B, CSIR – CIMAP
Dr. M.V.R.K. Sarma, Sr. Scientist, CFTRI, Mysore
Dr. Gunjan Prakash, Associate Professor, UDCT, Mumbai

Contact us:

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The Institute

National Institute of Technology, Rourkela is an **Institute of National Importance** for technical education established by the Government of India. The finest students join this institute as NIT Rourkela is a prestigious institute with a reputation for excellence in research and education at undergraduate, postgraduate and doctoral levels.

The Departments

The Department of Biotechnology and Medical Engineering started functioning as an independent department in the year 2010. The department is presently offering B. Tech., M. Tech. and Ph. D. degree in Biotechnology and Biomedical Engineering. The faculty members have diverse research interests and they conduct both basic and applied research in diverse areas like Bioprocess Engineering, Environmental & Plant Biotechnology, Biomechanics & Biotransport Engineering, Medical Electronics & Instrumentation, Cell & Molecular Engineering, Tissue Engineering & Biomaterials. The department is having a number of state of art laboratory well equipped for basic and applied research.



About the conference

The aim of the conference is to create wonderful ambience of scientific knowledge for the exchange of ideas. The conference aims at creating more technologies for utilizing plant microbe interaction for solving agricultural challenges like:

- Economic food crisis
- Food shortage
- Wastage of food resources
- Easy access to phytopharmaceuticals
- Treatment of diseases
- Simplification of agricultural activities among others

Important dates

Abstract submission deadline : 15th Nov, 2020

Registration deadline : 15th Nov, 2020

Registration Link : (google link)

For the registration, googlelink application form needs to be filled before November 15th, 2020.

Conference Email ID:

Email ID: conferenceonplantcell2020@gmail.com

Joining link will be shared with registered participants.

E certificates and e book of the proceedings will be provided

Registration link

https://docs.google.com/forms/d/173qLhCQJXfLsw5m14c_577vxfqavkuKkaFnw7tZQxU/edit

Organizing Committee

Patron:

Prof. Animesh Biswas, Director,
NIT Rourkela

Chairman:

Dr. A. Thirugnanam,
Head, Department of Biotechnology and Medical Engineering

Convener:

Dr. Nivedita Patra
Department of Biotechnology and Medical Engineering

Organizing committee:

All the faculty of Department of Biotechnology and Medical Engineering
Department, NIT Rourkela

Student Co-ordinators:

Jayprakash Yadav
Jayashree Nanda
Bishwanath Seth
Sowmya Vadakam

Day 1, 16th Nov, 2020 Inaugural Session

Inauguration 8.00 a.m.

Venue: Online

Inaugural function

Welcome address: Dr. A. Thirugnanam, HOD, BM Department
Chairman – ICPMIA – 2020

Theme of Conference: Dr. Nivedita Patra, Convener - ICPMIA –
2020

Inaugural address: Prof. Animesh Biswas, Director, National
Institute of Technology Rourkela

Releasing the Abstract book

9.00 a.m.: Keynote Address by Guest of Honor, Prof. H. S. Chawla, Retired Professor (Genetics and Plant Breeding), Gobind Ballabh Pant University of Agriculture and Technology, Pantnagar

10.00 a.m.: Keynote address by Chief Guest, Dr. Alok Kalra, Ex-Director, CSIR-CIMAP Lucknow.

11.00 a.m.: Keynote address by Dr. Shri Ram Yadav, Associate Professor, IIT Roorkee

Plenary Session II (3 p.m. to 5 p.m.)

3.00 p.m.: Oral presentation I - Faridha Begum

3.20 p.m.: Oral presentation II – Bhavya Surendran

3.40 p.m.: Oral presentation III - Sujata Kumari

4.00 p.m. Keynote address by Akanksha Singh, Scientist, CSIR - CIMAP

Day 2, 17th Nov, 2020 Plenary Session I

Venue: Online

8.00 a.m.: Oral presentation III – Nandita Banerjee

8.20 a.m.: Oral presentation IV – Varucha Misra

8.40 a.m.: Oral presentation V – S. Ranjani

9.00 a.m.: Oral presentation VI - Berhanu Girma

9.20 a.m.: Oral presentation VII - Edet Love Mendie

9.40 a.m.: Tea Break

10.00 a.m.: Keynote Address by Dr. Gunjan Prakash, Associate Professor, UDCT, Mumbai

Plenary Session II (3 p.m. to 5 p.m.)

3.00 p.m.: Keynote address by Gaurav Rajauria, Senior Technical Officer, University College of Dublin, Ireland

4.00 p.m. : Keynote address by Dr. M.V.R.K. Sarma, Senior Scientist, CFTRI Mysuru

Day 3, 18th Nov 2020 Plenary Session I

10.00 a.m.: Keynote Address by Dr. Sivaram Singh, Principal Scientist, ICAR- Sugarcane Research Institute, Lucknow

11.00 a.m.: Keynote address by Dr. Rishi Verma, Assistant Professor, Department of Biotechnology, B.N. College of Engineering & Technology

Session II (3 p.m.)

Closing ceremony and Prize Distribution for best oral presentation