INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN BIOTECHNOLOGY & BIOCHEMISTRY

“ICRABB”-2020

8th-9th January, 2020

Organised by
Department of Biotechnology
National Institute of Technology Raipur
G.E. Road, Raipur Chhatisgarh-492010
Website : www.nitrr.ac.in
**Aim of the Conference**

Biotechnology is one of the emerging fields that can add new and better application in a wide range of sectors like healthcare, service sector, agriculture, and processing industry to name some. India is one of the most sought-after destinations for biotechnology. “ICRABB-2020” will provide an excellent opportunity to focus on recent developments in the frontier areas of Biotechnology and establish new collaborations in these areas. The Conference will highlight multidisciplinary perspectives to interested biotechnologists, microbiologists, pharmaceutical experts, bioprocess engineers, agronomists, medical professionals, sustainability researchers and academicians. This technical get together will provide a platform for potential knowledge exchange on recent trends, theories and practices in the field of Biotechnology.

**Conference Tracks/Topics**

Research Articles are invited in the following areas of interest, but not limited to:

- Biofuels and Bioenergetics
- Applied Nanobiotechnology
- Drug Design and Discovery
- Biostimulants
- Advancement in Agrobiotechnology
- Biosensors and Biomedical Devices
- Advanced Bioprocessing Approaches
- Tissue Engineering
- Environmental Biotechnology
- Microbial Engineering
- Methods in Genomics and Proteomics
- Biomechanics and Biomicrofluidics
- Food and Nutritional Biotechnology
- Analytical Biotechnology
- Immunotechnology
- Biomolecular interactions
- Methods in Biochemistry and Biophysics
- Applied Microbiology and Microbial Products

**Call for papers**

Abstracts are invited for oral presentations in the technical sessions of the conference. Abstracts (300 words; MS word format, Times new Roman; 12 font size, Topic bold 12 font size; Presenter name must be underlined and 3-5 key words) can be sent to icrabb2020@gmail.com along with mobile number and contact details of the corresponding as well as presenting author(s) on/before last date.

**Highlights**

- Best Technical Paper Award
- Best Oral Presentation Award
- Outstanding papers will be published in *NISCAIR, Indian Journal of Biochemistry and Biophysics* (SCIE, Scopus indexed).
**Important Details/Dates**

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper Submission</td>
<td>15th December 2019</td>
</tr>
<tr>
<td>Acceptance Notification</td>
<td>26th December 2019</td>
</tr>
<tr>
<td>Registration Deadline</td>
<td>15th December 2019</td>
</tr>
<tr>
<td>Spot Registration</td>
<td>8th January 2020 (only for participation)</td>
</tr>
<tr>
<td>Online form submission URL</td>
<td><a href="https://docs.google.com/forms/d/e/1FAIpQLSe_7EbACdWr73VGH-ApU_MAHcqZI_iWnO2Wbirrc34kmxCLg/viewform">https://docs.google.com/forms/d/e/1FAIpQLSe_7EbACdWr73VGH-ApU_MAHcqZI_iWnO2Wbirrc34kmxCLg/viewform</a></td>
</tr>
<tr>
<td>Venue</td>
<td>National Institute of Technology, Raipur, India</td>
</tr>
<tr>
<td>Conference Website</td>
<td><a href="http://www.icrabb2020.nitrr.ac.in">www.icrabb2020.nitrr.ac.in</a></td>
</tr>
</tbody>
</table>

**Registration fee**

<table>
<thead>
<tr>
<th>Category (Author)</th>
<th>INR</th>
<th>USD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student (UG/PG)</td>
<td>1,000/-</td>
<td>75</td>
</tr>
<tr>
<td>Research Scholar</td>
<td>1,500/-</td>
<td>125</td>
</tr>
<tr>
<td>Academician</td>
<td>2,000/-</td>
<td>150</td>
</tr>
<tr>
<td>Industry</td>
<td>2,500/-</td>
<td>175</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Category (Delegate)</th>
<th>INR</th>
<th>USD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student (UG/PG)</td>
<td>1,000/-</td>
<td>75</td>
</tr>
<tr>
<td>Research Scholar</td>
<td>1,000/-</td>
<td>75</td>
</tr>
<tr>
<td>Academician</td>
<td>1,500/-</td>
<td>125</td>
</tr>
<tr>
<td>Industry</td>
<td>2,000/-</td>
<td>150</td>
</tr>
<tr>
<td>Spot Registration Fee</td>
<td>2,500/-</td>
<td>175</td>
</tr>
</tbody>
</table>

**Accommodation**

Institute guest house/ hostel may be provided for accommodation depending on the availability and with requisite charges.

**NOTE:** REGISTRATION FEE IS NON-REFUNDABLE. NO TA/DA WILL BE PROVIDED TO PARTICIPANTS/DELEGATES.
Organizing committee

Chief Patron
Dr. A. M. Rawani,
Director, NIT Raipur

Patron(s)
Dr. Shubhrata Gupta, Dean (Research & Consultancy), NIT Raipur
Dr. Shrish Verma, Dean (Academics), NIT Raipur

Chairman
Dr. Pratima Gupta, NIT Raipur

Organising Secretaries
Dr. Lata S. B. Upadhyay, NIT Raipur
Dr. J. Satya Eswari, NIT Raipur

Technical Program Chairs
Dr. Awanish Kumar, NIT Raipur
Dr. D. Vasanth, NIT Raipur

Finance Chair
Dr. Lata S. B. Upadhyay, NIT Raipur

Track Chair
Dr. J. Satya Eswari, NIT Raipur

Technical Staffs
Dr. Vivek Kumar Singh, NIT Raipur
Mr. Dilip Kumar Chandra, NIT Raipur

Student Branch Chairs
Ms. Shraddha Chauhan
Mr. Mohit Kumar
Ms. Manisha Yadav
Mr. Anuj Rohatgi
Technical Program Committee

Dr. Ashok Pandey, Eminent Scientist, IITR, Lucknow, India
Dr. Mahaletchumy Arujanan, Monash University, Malaysia
Dr. Venkata Mohan S., CSIR-IICT Hyderabad, India
Dr. R. K. Sen, IIT Kharagpur, India
Dr. Nilotpala Pradhan, CSIR-IIIMT, Odisha, India
Dr. Ravi Kumar Arun, CSIR-CMERI, Durgapur, India
Dr. Bikesh Kumar Singh, NIT Raipur, India
Dr. Kavita Tapadia, NIT Raipur, India

Advisory Board Members

Dr. Mahaletchumy Arujanan, Monash University, Malaysia
Prof. Vijay Raghavan, McGill University, Canada
Prof. Narayan Punekar, IIT Bombay, India
Prof. Anju Chadha, IIT Madras, India
Prof. Mukesh Doble, IIT Madras, India
Prof. Ramkrishna Sen, IIT Kharagpur, India
Prof. R.P. Singh, IIT Roorkee, India
Prof. Pranav Goswami, IIT Guwahati, India
Prof. S. Sanyal, NIT Raipur, India
Prof. S. Bajpai, NIT Raipur, India
Dr. Sunita Varjani, Gujarat Pollution Control Board, Gujrat
Dr. Krishna Mohan Poluri, IIT Roorkee, India
Dr. B. Majumdar, NIT Raipur, India
About the Institution

National Institute of Technology Raipur (Formerly Government Engineering College Raipur), situated in the capital of a newly Incepted state of Chhattisgarh, has proven to be "avant-grade' in the field of science and technology over past few decades in this region. With sweet memory of foundation ceremony by our President Hon'ble Dr. Rajendra Prasad on 14th September 1956, the institute started with two departments namely Metallurgical and Mining Engineering. Later the inauguration of the Institute building was done by our Prime Minister Hon'ble Pt. Jawahar Lal Nehru on 14th March 1963. From 1st December 2005, the institute has become the National Institute of Technology. The institution has grown in tandem with the major surrounding industries – The Bhilai Steel Plant, SECL, BALCO and NTPC Korba. It currently offers 12 Undergraduate and 6 Postgraduate courses including MCA and M.Tech in Applied Geology.

About the Department

The Department of Biotechnology is one of the research oriented departments of the institute and offers academic programs leading to award of B.Tech and Ph.D. degrees. It provides research insights to PhD scholars in all frontline areas of Biotechnology including Enzyme technology, Biosensing devices, drug discovery, advanced bioprocessing etc. Presently, the department is running various research projects sponsored by DST and DBT, Government of India.

Address for communication

Dr. Pratima Gupta
Chairman,
Department of Biotechnology
+91-7000420752

Dr. Lata S. B. Upadhyay
Organising Secretary,
Department of Biotechnology
+91-9752510082

E-mail: icrabb2020@gmail.com
National Institute of Technology Raipur, 492010, Chhattisgarh, India
www.icrabb2020.nitrr.ac.in
CONFERENCE REGISTRATION FORM

[Or apply online here - https://docs.google.com/forms/d/e/1FAIpQLSe_7E6bACdWt73VGHA-pULAHcqnZI_iWnO2Wbirrc34kmcxClg/viewform]

Part 1: Registration Information (please write in block capitals)

Name____________________________________________________

Affiliation________________________________________________

Qualifications________________________________________________________________________________

Address__________________________________________________________________________________________

City________________________State________________________Country ______________________________________

Zip/Postal Code__________________Telephone(O/M/R)________________________

Fax____________________________Email __________________

Part 2: Method of Payment

Please note your registration will not be processed until payment has been received in full.

A) Cheque (payable to Director, NIT Raipur) [ ]

B) Bank draft (payable at NIT Raipur in favour Director, NIT Raipur) [ ]

Amount (USD/Rs) ____________________________________________

Cheque/DD number/ Online reference Number:________________________

Date of Payment____________________________________________________

Payment should be made to the following account:

Account No.: 38027633250
Name: Director, NIT Raipur
IFSC: SBIN002852

Date: __________________________Signature:________________________