

Registration Form

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Preference: Oral / Poster

Title of the paper

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Author(s):

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Accommodation requirement: Yes / No

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Please complete and return this form along with the Demand Draft towards Registration/ Accommodation fees to the organizing Secretary.

**If required, photocopies of the registration form can be used.*

Patron: Prof. S.K. Pandey
(Hon'ble Vice Chancellor)

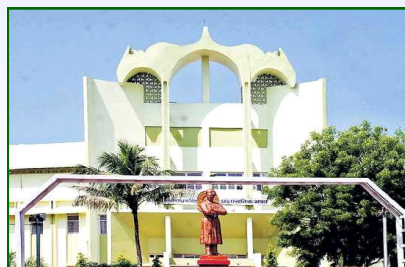
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National Seminar
on
“Innovations & Prospects in Biotechnology”
January 2 - 4, 2016

Sponsored By
University Grants Commission
New Delhi



Organized By
School of Studies in Biotechnology
Pt. Ravishankar Shukla University
Raipur 492 010, Chhattisgarh

About Seminar

The focal theme of biotechnology is to cater the day to day needs of human being and their betterment. Therefore, it becomes important to be updated time to time with the innovations made in distinguished domains of this subject. The two days National Seminar will cover recent developments made in the various disciplines of biotechnology. The seminar will attempt to fulfill the knowledge gap existing between the students and faculties/scientists of biotechnology, and provide a suitable platform for exchange of ideas as well as open up possibilities of collaborative and interdisciplinary research activities.

Objectives

- To generate knowledge regarding propagation practices and analyses of bioactive ingredients of important medicinal plants.
- Conserve threatened and rare flora and fauna.
- Identification of microbial communities for their therapeutic and industrial exploitation.
- Development of green fuel as a alternative source of energy.
- Usage of bio-remediation strategies to make the existing environment cleaner.

Thematic areas

- **Biodiversity and its Conservation**
- **Bioremediation**
- **Ethnomedicine**
- **Microbes in Biotechnology**
- **Alternate Sources of Energy**
- **Medicinal Plants: Propagation and Exploitation**
- **Free Sessions in the Folds of Biotechnology**

Call for abstract

The National Seminar invites the abstracts from the delegates of all over the country including guest/ invited speakers, faculties, research scholars from different government and non-government organizations and entrepreneurs . The session will comprise of invited lectures, oral and poster presentations. The seminar will provide a suitable forum for sharing of new advances and research conclusions.

For any thematic area abstracts may strictly be submitted via E-mail at seminar16bt@gmail.com Abstracts (not more than 300 words) should be prepared using Times New Roman (12 pt) and single line spacing. Title should be in bold. Mention names of the authors, affiliation and mail ID of corresponding author. Underline the name of presenting author. Abstracts must have background of the work, method(s), results and conclusions.

The dimensions of the poster should not exceed 30 inches wide and 40 inches high.

About Raipur

Raipur is the capital city of the state of Chhattisgarh. It is important in both historical and archeological point of view. Raipur is located about 300 kms from Nagpur in the East on the Mumbai-Kolkata trunk line. It is well connected with major cities of India by air, rail and road transport. In January, the climate of Raipur is pleasant. Normal winter clothing and other outfits will suffice.

About University

Pt. Ravishankar Shukla University is the largest and oldest institution of higher education of Chhattisgarh state, founded in 1964. The university presently comprising of 28 teaching departments with advanced academic courses and is involved in research at the National and International levels.

About Department

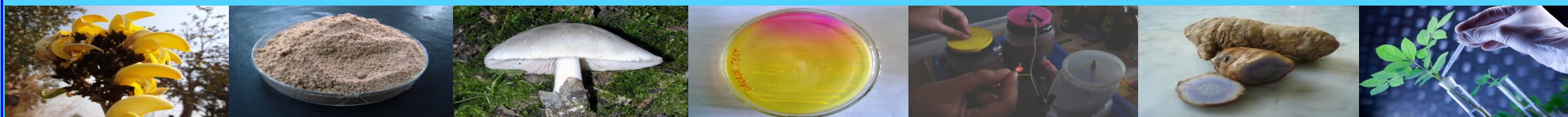
School of Studies in Biotechnology came into existence with the immense effort of our former Head Prof. K.L. Tiwari, under the faculty of Life Sciences. The foundation of the School has been made in 2004, comprising different branches of Biotechnology. Since then, the school is progressing towards its heights under the able leadership of Prof. S.K. Jadhav. The school runs post graduate, M. Phil. and Ph. D. programs. The faculties of this school are pursuing research activities actively in diverse fronts of biotechnology viz; Bioprocess Engineering, Plant Biotechnology, Bio-fuels, Enzyme Technology, Abiotic Stress Biology, Bioremediation and Aerobiology.

Registration Fee (On or Before November 30, 2015)

<i>Faculties/ PDFs</i>	Rs 1500.00
<i>Ph.D./ M.Phil. Scholars</i>	Rs 1000.00
<i>PG Students</i>	Rs 700.00

Dates to be remember

<i>Registration</i>	November 30, 2015
<i>Abstract Submission</i>	November 30, 2015
<i>Acceptance Notification</i>	December 15, 2015



SCHOOL OF STUDIES IN BIOTECHNOLOGY

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Report

of

"National Seminar on Innovations and Prospects in Biotechnology"

(January 02-04, 2016)

School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur, has organized a three days National Seminar on "Innovations and Prospects in Biotechnology", during January 2-4, 2016, The Inaugural Session of this seminar was presided over by the Vice-Chancellor of this university Honorable Prof SK Pandey. The Chief Guest of this function Prof GB Gupta, Vice-Chancellor, AYUSH University, Raipur, mentioned in his Key-Note address that biotechnology is an important aspect of modern medical sciences. The treatments of genetic diseases as well as cancer are now possible through gene therapy and stem cell technology, which are important contributions of biotechnology. Moreover, Special Invitee of this function, Prof ML Verma, Vice-Chancellor, Chhattisgarh Swamy Vivekanand Technical University, Bhilai, stated in his lecture that the validation of active ingredients of our medicinal plants along with their patenting and conservation should be our utmost priority. Otherwise, people of developed countries will do that part also, as they have done it for neem, haldi, *etc.* He has also added that the value addition and formulation of finished products of medicinal plants is one of the pre-requisites for India. Among many, in this aspect also we are lagging far behind from the other countries, which have captured much bigger part of world market, than us; despite that we have much bigger diversity of medicinal and aromatic plants, than them. On this occasion, Convener of this programme, Prof SK Jadhav has elaborated the relevance of the subject, the sustainable use of medicinal plants, their conservation, tribal medicines and also about the development of environment-friendly alternative sources of energy, especially the bio-fuels, the need of hour.

In addition, above seminar was also enriched by the good number of Invited Lectures delivered by eminent scientists from all around the country such as Prof RC Dubey, Gurukul Kangri University, Haridwar (Uttar Pradesh), Prof MP Thakur, Indira Gandhi Agricultural University, Raipur (Chhattisgarh), Ms Stylo Mandavi, IFS, DFO Balod (Chhattisgarh), Prof Anil Prakash, Barkatullah University, Bhopal (Madhya Pradesh), Prof (Mrs) S Kalkar, Institute of Sciences,

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Nagpur (Maharashtra), Dr VP Mali, Anandrao Dhonde College, Kada (Maharashtra), Dr Milind S Jadhav, Sir Sayyed College, Aurangabad (Maharashtra), Prof ML Naik, National Centre for Natural Resources, Raipur (Chhattisgarh), Prof (Mrs) S Saraf, Pt. Ravishankar Shukla University, Raipur (Chhattisgarh), Prof SB Verulkar, Indira Gandhi Agricultural University, Raipur (Chhattisgarh) and Prof SS Pandey, RTM University, Nagpur (Maharashtra).

The three consecutive days of this conference was further divided into seven technical sessions related to different aspects of Biotechnology like- 1] Alternate Sources of Energy, 2] Biodiversity and its conservation, 3] Bioremediation, 4] Ethnomedicines, 5] Microbes in biotechnology, 6] Medicinal plants- propagation & exploitation, and 7] Free sessions, as well. In this event, more than 200 faculties and scholars from different parts of the country were got registered. In the seven technical sessions of this National Seminar, total 52 numbers of research papers and 40 posters were presented/ displayed and discussed well by the young participants came from different parts of the country, and were judged keenly by the learned Chair Persons.

The students and researchers were benefitted by the gentry of reputed biotechnologists; to whom they have interacted and enlightened with diverse and quality information's during these three days. During lectures, Ms Stylo Mandavi has mentioned that the introduction of new plant propagation techniques, has led to conservation of commercial/ endangered plant species in different forest areas of Chhattisgarh. Prof MP Thakur has mentioned that mushrooms have the diversified potentials; they serve as quality food fortified with all the minerals as well as protein, and few of them are full of medicinal properties. Prof RC Dubey has worked hard in the field of *Rhizobacterium* and mentioned that if *Rhizobacterium* was used instead of synthetic insecticides then it would be better for maintaining plants free from the diseases as well as pollution free environment. Additionally, Prof SB Verulkar shared his research findings related with the development of molecular markers for easier identification of the drought resistant varieties, at least in rice, within the smallest time period.

In the last day of the National Seminar, Valedictory Function was structured in the Seminar Hall of this department; and was once again presided over by Honorable Vice Chancellor of this

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University- Prof SK Pandey Sir. In this occasion, the Chief Guest of the function Prof MM Hambarde, Director General, Chhattisgarh Council of Science and Technology, Raipur has delivered the final technical note of the seminar. In his speech, he has mentioned about the need of conservation of medicinal plants as well as about the knowledge of ethno-medicines in Chhattisgarh state. Moreover, he has also elaborated the beneficial part of the Biotechnological innovations, and suggested to use them wisely. The Special Guest of this function Shri Ramesh Naiyyar, Chairman, Chhattisgarh Hindi Granth Academy, Raipur and Renowned Journalist, enlightened about both darker and lighter parts of the biotechnological developments and innovations, from the journalists point of view. After this, prize distribution ceremony was organized, in which 3-3 best presentations were chosen, in both Oral and Poster presentation categories, and were awarded with a “Cash Prize” and Certificate of Appreciation”. One of the Organizing Secretaries, Dr. Afaque Quraishi has summed-up the three days activity of the entire function. Convener of this Seminar, Prof SK Jadhav has announced the Publication of Proceedings of this event where few of the selected papers were incorporated, after their peer review process. At last, Dr. Keshav Kant Sahu, Organizing Secretary of this National Seminar has given the Vote of Thanks to one and all contributed in one or other means in successful accomplishment of this event.

At the last but not the least, we would also like to mention that, University Grants Commission, New Delhi, Indian Council of Medical Research, New Delhi, Defense Research and Development Organization, New Delhi, Department of Biotechnology, New Delhi, and Chhattisgarh Council of Science and Technology, Raipur, M/s Saveer Biotech, New Delhi, Sai College, Bhilai and M/s Surana Enterprizes, Raipur, were financial partners of this National Seminar. We would like to extend gratitude from deep of our heart to these agencies and sponsors, as without their whole hearted financial support it was not be possible for us to organize such a big and important academic event successfully.


(Keshav Kant Sahu)
Organizing Secretary

(SK Jadhav)
Convener
