Symposium on Advances in Biology of Algae and Cyanobacteria (ABAC)
February 8–9, 2018
Banaras Hindu University, Varanasi, India

REGISTRATION FORM
(To be received on or before January 10, 2018)

Name: Prof./Dr./Mr./Mrs./Ms. ________________________________
Designation: ..............................................................................
Institution: ....................................................................................
Mailing Address: ............................................................................
Tel. (O) .................................................... (R) ..................... (M) ....
Fax No. _______________________________________________________

REGISTRATION FEE
Participants Up to Jan. 15, 2018 After Jan. 15, 2018 On Spot
Indians Delegates 2500/- 3000/- 3500/-
Accompanying Person 1500/- 2000/- 2500/-
Students 2000/- 2500/- 3000/-

Registration Fee includes: Conference kit, breakfast, lunch and dinner during the days of symposium. However, the cost of the accommodation is to be borne by the participants.
Payment can be made online using following information.
Name: Advances in Biology of Algae and Cyanobacteria: Convener IFS Code: SBIN000321 Account # 369406000068 Branch Name: SBI Branch Name: SBI, BHU Main Branch

*Payment Details:
Bank Transaction ID (UTR): _______________________________________
Transaction Date: ____________________
Amount: ____________________________
Name of Bank: ______________________
Accommodation Required □ Yes □ No
Type of Accommodation: □ Guest House □ Hotel
Date: _______________________________
Place: _______________________________
Signature of Delegate ____________________

This is to certify that the above named student is enrolled as bonafide student in our Institute/University and is qualified for student membership rates.
Date: _______________________________
Signature of certifying Authority with Seal ____________________

Please send payment details to convenorabac2018@gmail.com

DEADLINES
Submission of Abstract (One per registration) 30th December 2017
Notification and Acceptance of Paper 15th January 2018
Receipt of Registration form and Registration Fee 15th January 2018
Booking of Accommodation 15th January 2018

ACCOMMODATION
The accommodation may be arranged in the university guest house and students hostels. Those desirous of accommodation in 3-5 star hotels may indicate their choice and will have to pay the actual hotel charges.

THE CITY OF VARANASI
The holy city of Varanasi, known as the city of temples and learning, has a great historical and cultural importance. This religious capital of India is situated on the bank of the holy river Ganga and is preside over by Lord Shiva. The city has been a symbol of spiritualism, philosophy and mysticism for thousands of years. Varanasi is also renowned for its rich tapestry, music, arts, crafts and education.

How to reach?
The city is well connected to all the major Indian cities and states by air, road and rail. Airport is about 30 km, Varanasi city and Madhuban railway stations are about 8 and 4 km, respectively, from BHU campus. Nearby places of interest include Sarnath, where Lord Buddha delivered his first sermon (20 km), Ram Nagar Fort (5 km), Chunar Fort (40 km), Vindhyachal (70 km) and Sangaon (Allahabad, 120 km).

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Prof. K.D. Pandey
Convener
Dr. S.P. Singh
Organizing Secretary
The School of Algae

Prof. Y. Bharadwaj established the school of algae, and in 1953 he described a new species Drocetaphisops indica sp. nov. (Chaetophorales, Chlorophyta) from a Varanasi pond. The higher plant-like features of the algae were so fascinating that its photograph appeared on a frontispiece in the classic book "The Structure and reproduction of Algae" vol. 1 by F.E. Fritsch (1935), Cambridge University Press.

Reproductive details of D. indica were established by Prof. R.N. Singh who extended his observations to the cytological and life cycle details of other green algae during 1943-45. Later, he initiated research on blue-green algae with emphasis on the role in nitrogen recuperation in paddy field soils. This subsequently culminated mid-way in a research paper entitled "Reclamation of users lands in India with blue-green algae" published in (1956), and finally in the monumental monograph 'Role of Blue-Green Algae in Nitrogen Economy of Indian Agriculture' published by Indian Council of Agriculture Research, New Delhi (1962). Subsequently, his focus of research shifted to genetics of blue-green algae and their viruses (cyanophages).

Other faculty members who led diversification and modernisation of research in biology include Dr. J.N. Mura (brown algae), Prof. Y.S.K.E. Sarma (algal cytology and taxonomy), Dr. C.S.P. Rao (red algae), Prof. H.D. Kumar (genetics, environmental biology), Prof. E.R.S. Tapsawry (cyanobacterial physiology), Prof. Y.B. Kodawaly (algal cytology), Prof. S.P. Singh (metal-cyanobacterial interaction), Prof. D.N. Tiwari (cyanobacterial cell differentiation), Prof. A.K. Kashyap (ammonium transport), Prof. B.R. Chaudhary (algal cytology), Prof. A.K. Rai (salt stress physiology) and Prof. L.C. Rai (molecular biology of abiotic stress tolerance). The tradition is maintained by a mix of third, fourth and even fifth generation of physiologists that form one-third of the faculty in the Department.

Major Topics

- Molecular biology: Genomics, proteomics and metabolomics of cyanobacteria
- Photosynthesis and light harvesting; stress biology of cyanobacteria
- Algal biotechnology: Biomass production, photoautotrophs, biofuels and hydrogen energy
- Synthesis biology and metabolic engineering, cyanobacteria, transgenics
- Pharmacological and biomolecules from algae and cyanobacteria
- Biodiversity and management of algal growth in aquatic ecosystems
- Cyanobacteria-plant interactions, biostimulators