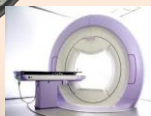
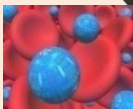
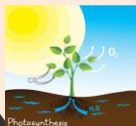




# NATIONAL SYMPOSIUM ON MEDICAL BIOPHYSICS

September 25<sup>th</sup> - 26<sup>th</sup>, 2015

*On the occasion of superannuation and significant contribution of Prof. (Dr.) P.B. Vidyasagar in Biophysics and Medical Physics*



**Organized by**  
Department of Physics  
and  
School of Basic Medical  
Sciences  
Savitribai Phule Pune University  
Pune-411007

**Chief Patron**  
Hon'ble Prof. (Dr.) W. N. Gade, Vice Chancellor, S.P .Pune

**Patron**

Prof. V. B. Gaikwad, Director BCUD  
Prof.K.C.Mohite, Dean Science Faculty

**Chairperson**

Dr. Gauri R. Kulkarni (Department of Physics)

**Convener**

Prof. S. D. Dhole (Department of Physics)

**Secretary**

Prof. S. W. Gosavi (Department of Physics)

## National Advisory Committee

- Prof. M. Vijayan, IISC Bangalore
- Prof. R. V. Hosur, Director, CBS, Mumbai
- Prof. T. P. Singh, AIIMS, Delhi
- Prof. R. K. Kale, Ex. VC, Central University of Gujarat
- Prof. K. P. Mishra, Ex. Head, RB & HS Division, BARC, Mumbai
- Prof. Rajiv Bhat, School of Biotechnology, JNU, New Delhi
- Prof. N. R. Jagnathan, Head, Dept. of NMR, AIIMS
- Prof. Bhushan Patwardhan, Director, Health Sciences, SPPU
- Dr. Deepti Deobagkar, Director, Dept. of Bioinformatics, SPPU
- Prof. S. H. Pawar, Director, Center for Interdisciplinary Sci., Kolhapur
- Prof. P. M. Dongre, Head, Dept. of Biophysics, University of Mumbai

## Invited Speakers

- Prof. K. P. Mishra, Ex. Head, RB & HS Division, BARC, Mumbai
- Prof. R. V. Hosur, Director, CEBS, Mumbai
- Prof. Sudipto Maiti, Dept. of Chemical Sciences, TIFR, Mumbai
- Prof. Preeti Joshi, Head Biophysics, NIMHANS, Bangalore
- Prof. Jayesh Bellare, Dept. of Chemical Engineering, IIT, Bombay
- Prof. Ansari Shaffique, CIRBSc, JMI, Delhi
- Prof. Suvro Chatterjee, AUKBC Research Centre, Chennai
- Prof. D. D. Deshpande, Head, Dept. of Medical Physics, TMH, Mumbai
- Prof. C. P. Joshi, Medical Physicist, Canada
- Dr. Manojkumar Semwal, Chief Medical Physicists, Army Hospital, Delhi
- Dr. Sharad Chavan, SAMEER, IIT, Mumbai
- Dr. Aurnab Ghose, IISER, Pune
- Dr. Mrinalini Puranik, IISER, Pune
- Dr. Sudhir Husale, Scientist, NPL, Delhi

## Local Advisory Committee

- Prof. A. L. Kshirsagar, Head, Dept. of Physics, SPPU
- Prof. S. I. Patil, Ex. Head, Dept. of Physics, SPPU
- Prof. A. D. Shaligram, Head, Dept. of Electronic Science, SPPU
- Prof. Shubhada Adhi, Head, Dept. of Instrumentation, SPPU
- Prof. B. B. Nath, Dept. of Zoology, SPPU
- Prof. S. V. Ghaisas, Director, Energy Studies, SPPU
- Prof. D. S. Joag, Emeritus Scientist, Dept. of Physics, SPPU
- Dr. Kalyani Mandke, Consulting Audiologist, Pune
- Dr. Sarah Cherian, National Institute of Virology, Pune
- Dr. A. Balraj, Scientist, Armed Forces Medical College, Pune
- Dr. S. G. Kulkarni, Head, Institute of Science, Aurangabad
- Prof. R. S. Khairnar, S.R.T.M. University, Nanded

## Local Organizing Committee

- Dr. Urmila Kulkarni-Kale, Dept. of Bioinformatics, SPPU
- Prof. S. R. Jadhkar, Dept. of Physics, SPPU
- Prof. M. A. More, Dept. of Physics, SPPU
- Dr. K. P. Adhi, Dept. of Physics, SPPU
- Dr. V. L. Mathe, Dept. of Physics, SPPU
- Dr. Sudipto Muhuri, Dept. of Physics, SPPU
- Dr. A. G. Banpurkar, Dept. of Physics, SPPU
- Dr. S. S. Dahiwalde, Dept. of Physics, SPPU
- Dr. Deepti Sidhaye, Dept. of Physics, SPPU
- Dr. K. A. Bogle, S.R.T.M. University, Nanded
- Dr. Pratip Shil, National Institute of Virology, Pune
- Dr. Sagar Jagtap, Desai College, Pune
- Dr. Vijay Ghadge, Anantrao Pawar Collge, Pirangut
- Dr. Bhushankumar Patil, Garaware College, Pune

## Address for Correspondance

Dr.G.R.Kulkarni  
Chairperson  
Department of Physics,  
Savitribai Phule Pune University,  
Ganeshkhind, Pune-411007  
e-mail: medphy@physics.unipune.ac.in

Medical Physics/ Biophysics is the study of living systems using the concepts and laws of physics. **Prof.P.B.Vidyasagar** is an internationally acclaimed scientist in Biophysics and Medical physics. He is an accomplished writer in Marathi and Science popularization.

We are happy to organize this symposium on the occasion of superannuation of Prof.P.B.Vidyasagar from Savitribai Phule Pune University, Pune.

The main focus of this Symposium is to present interdisciplinary work and form an integrated approach for healthcare.

#### TOPICS OF INTEREST

NeuroPhysics

Medical Physics

Radiation Biophysics

Medical Accelerator

Photosynthesis & Photobiophysics

Gravitational Biophysics

Biomedical Instrumentation

Biomedical Image & Signal Processing

Nano-medicine

#### CALL FOR PAPERS

The Organizing Committee cordially invites scientists, teachers, students and industry persons to participate and contribute research papers/ posters. Please submit the abstract for oral and/or poster presentation (300 words) so as to reach the Convener by 31<sup>st</sup> Aug 2015. Standard format template is on the website ([www.physics.unipune.ac.in](http://www.physics.unipune.ac.in)).

#### REGISTRATION FEES

Students - Rs.1000/-

Faculty - Rs.2000/-

Industry - Rs. 3000/-

Registration Fee will Include conference literature, abstract book, and session Tea/Coffee, lunch.

#### ACCOMODATION

Accommodation would be made available in guest houses and hostel. This would be provided on first come first serve and payment basis.

#### IMPORTANT DATES

Registration: **10/09/2015**

Submission of Abstracts: **31/08/2015**

Acceptance of Abstract: **10/09/2015**

Request for Accommodation: **31/08/2015**

#### ABOUT DEPARTMENT OF PHYSICS AND SCHOOL OF BASIC MEDICAL SCIENCES

Department of Physics, Savitribai Phule Pune University is one of the leading Department in India. It has started and supported interdisciplinary programmes and courses. Biophysics course was started in 1978. School of Basic Medical Science encourages research in interdisciplinary topics related to medical science.

#### ABOUT PUNE CITY

Pune City is centrally located and well connected by train, roads and air. Pune City has rich academic traditions. Many Prestigious and renowned National Institutions are located in and around Pune City. The weather is generally pleasant and one can enjoy surroundings along with high level academic programme.

“National Symposium on Medical Biophysics”  
September 25<sup>th</sup> -26<sup>th</sup> , 2015

### REGISTRATION FORM

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Male/Female: \_\_\_\_\_

Address: \_\_\_\_\_

Ph: \_\_\_\_\_

Email: \_\_\_\_\_

Title of the Abstract \_\_\_\_\_

No. of accompanying person:

Type of Accommodation:

Arrival date \_\_\_\_\_ and Time \_\_\_\_\_

Train \_\_\_\_\_ Bus \_\_\_\_\_

Participant Category (Mark ✓)

Student  Faculty  Industry

Registration Fee Submitted: Yes/No

All payment must be made through Demand Draft in the favour of “**Finance and Account Officer, S.P.Pune University**” payable at Bank of Maharashtra, Savitribai Phule Pune University, Pune-411007.

e-mail: [medphy@physics.unipune.ac.in](mailto:medphy@physics.unipune.ac.in)

Phone No: 020 25692678 ext.- 403

Mob:9822037533,9325688837

Website: [www.physics.unipune.ac.in](http://www.physics.unipune.ac.in)