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Dr. V. K. Suri, Retired Scientist, BARC
Shri. S. G. Markandeya, Retired
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Shri. Shrikrishna Gupta, Head, TT &
CD, BARC
Dr. B. P. Ronge, SVERI (Convenor)
Shri R. P. Purohit, WCE
Dr. K. G. Narayankhedkar, MGM

Organising Committee

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and Co-Convenor*)
Dr. R. Balasubramaniam, (*Co-Convenor*)
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Prof. Nitin D. Misal (Principal, Polytechnic)
Dr. Sridevi Dileep (Dean R &D)
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Dr. S. T. Mehetre, BARC

5th Techno Societal Theme Meeting on Advanced Technologies in Service of Rural India (4th and 5th November 2017)

techno.sveri.ac.in



Partially funded by BRNS

REGISTRATION FORM

Two-Day Theme Meeting on Advanced Technologies in Service of Rural India
4th and 5th November 2017

Name: _____

Qualification : _____ Designation : _____

Experience : _____

Organization : _____

Address _____

Tel (O): _____ Fax: _____ Cell _____

Email: _____

Place:

Date:

Office Seal

Signature of Participant

Signature of Head of Institute

TOPICS TO BE COVERED

- Advanced Technologies for Water, Energy, Transportation, Housing and Sanitation
- Mechatronics, Micro-Nano Related for Bio and Societal Applications
- Chemical and Physical Processes
- Commercially Successful Rural and Agricultural Technologies
- Deployable Environment or Health Care Technologies
- Holistic Approach for Sustainable Technologies
- ICT based Societal Technologies
- Lab-Level Advanced Societal Technologies
- Sensor, Image and Data driven Societal Technologies
- Technologies for Rural and Agricultural Employment Generation
- Manufacturing and Fabrication Processes for Societal Applications



Jointly Organized by

Bhabha Atomic Research Centre, Mumbai

And

SVERI's College of Engineering, Pandharpur

(All the Four UG program are accredited by NBA upto June 2020)

Gopalpur-Ranjani Road, Gopalpur, Pandharpur-413304.

<http://www.sveri.ac.in/>

PREAMBLE

Bhabha Atomic Research Centre (BARC), Mumbai decided to bring the faculty members of various engineering colleges together to solve the regional relevant problems under the guidance of eminent researchers from various reputed organizations. BARC, Mumbai had organized first theme meeting in 2012 to share their experience of collaborative research and product development to explore the use of advanced technology in service of rural India. The purpose of these theme meetings was to provide a platform and to encourage the faculty members engineering colleges for research in collaboration with Professors from reputed Indian Institutes viz. IITs, IISc and research labs. The third and fourth theme meetings were held at Shri Vital Education and Research Institute (SVERI), Pandharpur in 2014 and 2015 where more than 125 participants from more than 40 Engineering Colleges in Maharashtra participated in these theme meeting. Based on similar theme, in December 2016, an International Conference with title “Techno-Societal 2016: Advanced Technologies for Societal Applications” was organised. This conference offered a multidisciplinary platform for researchers from broad range of disciplines of Science, Engineering and Technology for reporting innovations at different levels.

RELEVANT SVERI ACTIVITIES WITH BARC

MoU was signed with BARC for setting up “Rural Human and Resource Development Facility (RHRDF) at SVERI campus.” This activity is funded by RGSTC, Govt. of Maharashtra to establish rural training and research center based on various BARC rural and agricultural technologies.

MoU with BARC and RRCAT titled “Study, design and prototype fabrication of high aspect ratio structures in polymers and their moulding in nickel by electro forming: Various activities carried out under this MoU include PCM based metal mask making process for hard X-ray lithography at RRCAT, PCM for rural artisans, Soft lithography using PDMS, Utilisation of RRCAT facility to demonstrate use of PCM based Masks and various academic contributions.

ABOUT PANDHARPUR

Pandharpur is well-known holy place where Lord Shri Vithal temple is located on the bank of the river Chandrabhaga where large number of devotees visits frequently. It is recognized Spiritual capital of Maharashtra and popularly known as ‘South Kashi’ of India.

ABOUT THE COLLEGE

SVERI, a Charitable Trust, embarked on its first ambitious project and established Engineering, College at Pandharpur with approval from All India Council for Technical Education (AICTE), New Delhi and Government of Maharashtra. The Engineering College is an A grade institution An ISO 9001:2008 certified Institution and is accredited by the Institution of Engineers (India), Kolkata. College was accredited by National Board of Accreditation (NBA). To continue with the developmental process, SVERI has started B. Pharmacy and D. Pharmacy courses from the academic year 2006-07 and Diploma in Engineering (Polytechnic) from the academic year 2008-09. At present, SVERI has focused its activities in rural area and as on today these Professional Colleges under its umbrella providing education to around 3000 students in its Gopalpur Campus. SVERI, College of Engineering has five UG, Five PG and four doctorate labs under Solapur University, Solapur. Institute faculty members are actively involved in research activities funded by AICTE, DST, AR&DB, BARC, RGSTC, and also collaborative research activities with industry and research organization like BARC, RRCAT, CDAC, MKCL, IIT Bombay,

BAIF etc. Institute’s Rural Human and Research Development Facility (RHRDF) are designated as Department of Atomic Energy (DAE)-Outreach Centre.

Glimpses of International Conference “Techno-Societal 2016:



The Institute has organized an International Conference on “Techno-Societal 2016: Advanced Technologies for Societal Application”. The conference was inaugurated by the auspicious hands of great Indian Scientist Padma Vibhushan Dr. Anil Kakodkar and Dr. N. N. Maldar, Vice-Chancellor, Solapur University, Solapur. Around 413 papers have been received with around 500+ authors of around 130+ Institutes addressed by 10 International and 20 National speakers resulting into total audience of around 700-1000 students and academicians from Engineering Institutes, Pharmacy Colleges, Science Colleges and Universities, Government Colleges, IITs, IISc, BARC and various other organizations. The conference was supported by BRNS and Solapur University, Solapur. Also Pre-conference event was organized, which supported by Rashtriya Uchchar Shiksha Abhiyan (Centrally Sponsored Scheme of MHRD, Govt. of India)

PARTICIPANTS

Among others the following collaborators of various projects with BARC will be participating- DAE steering group for Micro-Nano Technology i.e. BARC, TIFR, IGCAR, SINP, RRCAT, IITB, IITD, IITK, BEL Bangalore, Industrial Collaborators, Reputed academic institutes of Maharashtra.

LAST DATE FOR RECEIPT OF APPLICATION: 4th October 2017

HOW TO REACH PANDHARPUR

The Nearest Airport is Pune. From Pune, Pandharpur is around 200 km by road State Transport buses are available from Swargate and Shivaji Nagar bus station of Pune. Pandharpur is connected by Broad-gauge Railway line to Mumbai Hyderabad main line. Pandharpur Station is on Central Railway, Miraj-Latur. Kurduwadi is main junction on main line. Pandharpur is just 72 km from its District place Solapur, the junction on N.H. 9 and N.H.13, which is also on Mumbai-Hyderabad and Mumbai-Bangalore Broad gauge railway lines. Excellence road conveyance makes us to reach comfortably.

There will be no registration fee. Participants will have to make their own arrangement for travel and stay at Pandharpur. For assistance for accommodation booking contact techno@sveri.ac.in

ALL CORRESPONDENCE: techno@sveri.ac.in

WEBSITE: <http://techno.sveri.ac.in/>