Techno Societal-2020

3rd International Conference on Advanced Technologies for Societal Applications

14-15 December 2020

TECHNO - SOCIETAL
(Technology for the society)

Background of Conference

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, in the form of 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 second meeting was also encouraging to involve various faculty members of engineering colleges, which held at Walchand College of Engineering, Sangli. Then third, fourth and fifth theme meetings were held at Shri Vital Education and Research Institute (SVERI), Pandharpur in 2014, 2015 and 2017 where more than 150 participants from all over Engineering Colleges in Maharashtra participated in these theme meeting.

During these theme meeting it was decided to involve international community to exchange ideas to societal problems through technology. Therefore, first International Conference on Advanced Technologies for Societal Applications organized on 20-21 December 2016 and second on 14-15 December 2018.

Techno-Societal 2016 was a first international conference aimed at creating a growing sense of responsibility to solve the challenges of society especially through technology. More than 400 papers were submitted of which 193 full papers were selected. Also in second conference more than 350 papers were submitted of which 195 full papers were selected. During the conference about 20 keynote speaker sessions were arranged in order to give direction and contribute to specific research areas. For the purpose of Proceedings of the Conference were published by international Springer publisher.

Technology has a remarkable influence on the society in general and on human life in particular. Society has a cyclical and mutual dependence on technology. Technology has created many avenues and opportunities that were hitherto unimaginable. Since it has become a part of people's living rooms, the needs and demands for a safe technology has been on the rise. Improper use of technology has raised many flags of concern over the environment and overall well-being of the society. Technology is needed for activities such as communication, travel, trade and commerce, education, medicine, etc. Thus, it is high time to create technologies that are safe and relevant to the societal needs. We have come of age and time to tackle some of society's most compelling issues pronto. It is no longer adequate to work in cells, taking on small sections of the problem at a time. Rather, it is imperative to pool knowledge and resources around the world to create opportunity, empowered by technology, for the society to improve life.

So, this conference offers a multidisciplinary platform for researchers from broad range of disciplines of Science, Engineering and Technology for reporting innovations at different levels. The key motivation for developing these technologies should be to bring change in the society. These technologies may be for betterment of differently abled people, Environment friendly, Livelihood, Rural Employment, Agricultural, Healthcare, Energy, Transport, Sanitation, water, Education, etc.
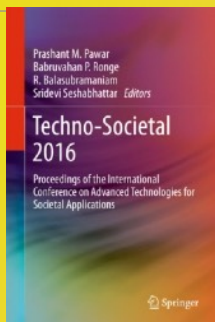
This conference will also help innovators to share their best practices or products developed to solve local problem. This back and forth process for local-global interaction will help in solving local problem by global approach and help in solving global problem by improving local conditions.

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Abstract Submission on
http://techno.sveri.ac.in

SVERI

Tentative Topics in Techno Societal-2020

- 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
- Engineering for rural development
- Indian rural challenges

Why Techno Societal-2020

- Opportunity for changing Society through Technology
- Demonstration of Developed technology to Right Audience
- Rural Location of Conference, to get real input
- Existing SVERI-Societal model may Inspire
- Interaction with multi-disciplinary Scientific Community
- Chance to get Published in Relevant Journals
- Exposure to funding agencies
- Spiritual Connect of Pandharpur and Agri-connect of Rural Pandharpur

Who can attend? : Scientific Community who has developed some products, processes or theoretical application to solve any societal problems.

How to submit Paper? https://easychair.org/conferences/?conf=technosocietal2020

http://techno.sveri.ac.in Deadline for Paper : 15th August 2020

Deadline for paper and early registration: 15th October 2020

Registration Fee: ₹ 3000/- (Delegates from Industry)

₹ 2000/- (Faculty)

₹ 1000/- (Students)

Where is Conference? SVERIs College of Engineering, Pandharpur, Dist: Solapur web: www.sveri.ac.in

Patrons:

Dr. Anil Kakodkar, Great Indian Scientist, Ex-BARC, Mumbai, India
Prof. Anil Sahastrabuddhe, Chairman All India Council for Technical Education, Delhi, India

Chairman Organising: Dr. B. P. Ronge (Principal)
Cordinator: Dr. Prashant Pawar (Dean Academics)
Cordinator: Dr. Santosh B. Salunkhe (Dean R & D)
Co-Coordinator: Dr. N. D. Misal (Principal, COE Poly), Prof. S. R. Gavali (Dean Administration)

Mode of Conduction: Online