

programmes. It also conducts programmes for students and working professionals in the form of short term courses, symposia and topical reviews. International Conference on Instrumentation INCON 2004 was organized in December 2004.



Institute of Electrical & Electronics Engineers (IEEE) was founded in 1884. IEEE

Bombay section founded in 1976 is the largest section of India Council. The IEEE Instrumentation and Measurement chapter is active in hosting large number of technical and social activities. Pune subsection of IEEE established in 2003 has 24 student branches of IEEE. Various technical activities are organized every year.

Registration Form

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*Pay Rs. 1000/- as a registration fee. (Outstation cheques/DD will not be accepted.)

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Shivajinagar, Pune – 411005

Two Days

**Symposium on Medical Instrumentation
(Symedin 2009)**

31st January ~ 1st February 2009



Organized by

**Department of Instrumentation & Control
College of Engineering, Pune**

Shivajinagar, Pune – 411005, Maharashtra, INDIA

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About Symedin 2009:

Instrumentation has spread its wings in engineering fraternity all over the world and India is not an exception to it. A field is yet to be identified which needs no measurement & / or control. Medical Science without Instrumentation is unimaginable. To review the developments at various centre of excellence, academic institution and corporate sectors in engineering and medicine, technology and health care a symposium on Medical Instrumentation is proposed under auspices of Pune Chapters of BMESI, ISOI, IEEE and Department of Instrumentation and Control, College of Engineering Pune. It is also proposed to chart the needs and means of collaboration amongst various groups of learned society.

The proposed symposium is expected to bring together engineering and medical philosophers, technocrats, medical / paramedical professionals, administrators and planners in health care. The organizers have decided to stress upon Mass Scanning, Non-invasive techniques, Testing & Calibration, Standards and Certification and the developments in fields other than Cardiology and Neurology to understand the importance and scope of work in such areas like Dentistry, Ophthalmology, OttoRhinoLaryngology, Pathology, Orthopedics, Rehabilitation, Physiotherapy, Neonatal Care

As one of the distinguished people involved in Medical Instrumentation, we look forward to your valuable suggestions and active participation in staging this event. We are not inviting conventional research papers for oral and / or poster presentation however we are eager to receive the report of your personal contributions and activities of your department / organization during the last decade and future plans for the next decade. We intend to invite about 125 active contributors to the field in India and beyond. It is expected to have some direction for product development, project/dissertation topics, measurement and

testing set ups from participating experts / delegates. The recommendations of the various panels will be communicated to appropriate state and central authorities. We intend to organize a product and project exhibition which will be an open event. Posters of various organizations and institutions could be displayed depicting their strengths and achievements.

The proposed event will have registration fees of Rs. 1000/-. Accommodation will be provided as per your request & need on chargeable basis. However, you are free to make your own arrangements. The proceeding of the *Symedin 2009* would be on digital media and will be sent to the registered delegates after the symposium. Local conveyance will be arranged on receiving your travel plan.

COEP's Heritage :

College of Engineering, Pune (COEP) was established in the year 1854 and is one of the oldest and premier engineering institutions in the country. It is the Lead Centre under the Technical Education Quality Improvement Programme (TEQIP) assisted by the World Bank. The college was also a participant of the Canada India Industry Institute Linkage Programme. COEP is considered amongst the top engineering colleges in the country in the various independent surveys on technical education. The institute offers B. Tech, M. Tech & PhD programmes and need based Short Term Training Courses. The number of enrolled student for regular degree courses is around 3000.

Department Instrumentation & Control :

Department of Instrumentation and Control was started in the year 1965 with the support from Central Government. The 40th batch of UG students will be turned out in the current academic year. The PG programme was launched

in the year 2000.

The UG program offered by the department is accredited by the National Board of Accreditation (NBA) for 5 years. The department boasts of qualified, experienced and dedicated faculty to impart fundamental and applied knowledge in the field of Process Control and Biomedical Instrumentation.





The department focuses on preparing the students to meet global industrial challenges and making them aware of the recent advances in the technological field.

About Pune Chapter of Professional Bodies:



Biomedical Engineering Society of India was established in 1968. The Head Quarter of BMESI was with the Department of Instrumentation and Control, College of Engineering

Pune for about 20 years prior to present Head Quarter. BMESI membership exceeds 750 individual life members and more than 25 Institutional life members. The chapter has a healthy mix of members of practicing doctors, engineering professional, academicians and industry personnel. The activities of BMESI Pune Chapter include:

-  Dr. N. G. Chaphekar Memorial Oration
-  Workshops for the students and staff
-  BMESI Newsletter – Engmednews
-  Symposia / Conferences on trends in Medical Instrumentation.



The Society of Instrumentation professionals was established in the year 1970, with Head Quarters at Indian Institute of Science, Bangalore. Today it has six chapters at Pune, Chandigarh, Delhi, Chennai, Hyderabad, & Dehradun. Pune Chapter of ISOI was established in 2003. It strives to act as a link between academic institutions and the instrumentation industry by organizing several