

Two day state level seminar on Advanced Engineering optimization (ADOPT)

Patron:

Hon. Shri. Balasaheb Wagh

Chairman, K. K. Wagh Education Society,
Nashik

Convenor:

Prof. Dr. K. N. Nandurkar
Principal, K.K. Wagh Institute of
Engineering Education & Research,
Nashik

Co-ordinators:

Prof. P. J. Pawar
Prof. S. R. Gangurde

Organising Committee:

Prof. S. B. Chandgude
Prof. Dr. P. C. Kulkarni
Prof. J. S. Jadhav
Prof. A. S. Relkar
Prof. N. B. Gurule
Prof. P.S. Kalos
Prof. V. R. Khavale
Prof. A. S. Kamble
Prof. S. B. Gunjal

Address for correspondence:

Prof. P. J. Pawar/ Prof. S. R. Gangurde
Assistant Professor,
Production Engineering Department
K.K. Wagh Institute of Engineering
Education & Research,
Hirabai Haridas Vidyanagari, Amrutdham,
Panchavati, Nashik 422003
Phone (Off.): (0253) 2512876 Ext. 258,
Fax: (0253)2511962;
Mob: 9850972420 (Pawar)
9850583755 (Gangurde)
E-mail: pjpawar1@rediffmail.com
gangurdesanjay@rediffmail.com

About the Institute

K. K. Wagh Education Society was established in 1970 by the great visionary and social worker Late Padmashree Kakasaheb Wagh with an aim of imparting quality education. At present, the education society runs Sixteen institutes in Nashik District.

K.K. Wagh College of Engineering was established in 1984 with a vision of "Empowering through Quality Technical Education". The college is spread over area of 10 hectares and offers Bachelors Degree programmes in Computer, Electronics, Production, Civil, Mechanical, Electrical, Chemical Engineering and Information Technology. The college is adjudged as Grade "A" institute by Government of Maharashtra and is affiliated to University of Pune. The institute also offers post graduate and research programs in production, civil and electrical engineering.

About the Department

Production engineering department is one of the pioneering Departments, which has produced several rankers at the University level. This department has been accredited by the National Board of Accreditation (NBA), New Delhi in September 2003.

The department has well-qualified, devoted and dedicated team of teaching staff members with a blend of experienced and young teachers. A conducive learning environment prevails in the department and all the laboratories are equipped with state of the art equipments.

The M.E (Production) course with specialization in Manufacturing and Automation was started in July 2006. This is the only PG programme available outside Pune.

University of Pune

Sponsored

Two Days State Level Seminar

On

**Advanced Engineering
Optimization (ADOPT)**

1-2 February 2010



Convener

Prof. Dr. K. N. Nandurkar
Principal

Coordinator

Prof. P. J. Pawar
Prof. S. R. Gangurde

Organized by:

**Department of Production Engineering
K. K. Wagh Institute of Engineering
Education & Research**

Hirabai Haridas Vidyanagari,
Amrutdham, Panchavati, Nashik-422003.
Phone: (0253) 2512876 Ext. 258 (O),
Fax: (0253) 2511962
Website: www.kkwagh.org

About the Seminar

The two days state level seminar on 'Advanced Engineering Optimization' is scheduled to be held during **February 1- 2, 2010**. The main objective of this training program is to promote the application of optimization methods in the engineering sciences. This includes facilitating the advanced optimization methods for direct or indirect use in engineering. The training program provides a forum in which the participants obtain information about recent advances of optimization sciences and learn about the needs of engineering sciences and successful applications of optimization methods. It tries to close the gap between optimization theory and the practice of engineering.

The proposed training program presents various traditional and non-traditional methods of optimization of relevance to applications in engineering sciences: deterministic and stochastic, continuous, mixed integer and discrete, when they are relevant to applications in engineering sciences. It also highlights successful applications of optimization in various areas and contains sessions for the participants without a strong background in the field, which offer material aimed at educating potential users of optimization methodologies.

Topics to be covered

- Applications of Multi-attribute decision making methods TOPSIS, AHP, PROMETHEE, ELECTRE, DEA, VIKOR, etc.
- Applications of advanced optimization techniques such as genetic algorithm, particle swarm optimization, artificial bee colony etc.
- Applications of Advanced optimization Techniques to cellular manufacturing systems.
- Applications of optimization Techniques to supply chain management.

Faculty

Prof. Dr. R. V. Rao

Head,

Department of Mechanical Engineering, SVNIT
Surat.

Prof. Dr. S. K. Basu

Professor Emeritus, PIET, Pune.

Dr. D. Datta

Scientist G, BARC, Mumbai

Prof. Dr. L. G. Navale

Principal, Modern Education Society's
College of Engineering, Pune.

Prof. Dr. Mrs. Rajhans N. R.

Government college of Engineering, Pune.

Registration

The interested candidates should submit the completed dully filled registration form along with the demand draft of Rs. 500/- drawn in favour of: *Co-ordinator, ADOPT, payable at Nasik by post.

Participants will have to make their own accommodation arrangement.

Last Date of Registration

The completed registration form may be sent either as an e-mail attachment or as a hard copy **on or before 25/1/2010**. Confirmation of your candidature for this seminar will be conveyed by 27/1/2010.

Spot registration is possible subject to availability of seats.

REGISTRATION FORM

University of Pune

Sponsored

Two days State Level Seminar On

Advanced Engineering Optimization

(ADOPT)

1 - 2 February, 2010

Name: _____

Designation: _____

Qualification: _____

Department: _____

Name of organization with full address:

Phone number: _____

Email: _____

Details of D.D./Cheque:

Number and date: _____

Name of Bank: _____

Date:

Signature of participant