



HINDI SEVA MANDAL'S (ESTD.1950)

**SHRI SANT GADGE BABA**

**COLLEGE OF ENGINEERING AND TECHNOLOGY, BHUSAVAL**

APPROVED BY A.I.C.T.E., NEW DELHI AND GOVERNMENT OF MAHARASHTRA, AFFILIATED TO NORTH MAHARASHTRA UNIVERSITY, JALGAON (M.S.)  
AN I.S.O. 9001 - 2008 Certified Institute



UNDER I.S.T.E. STUDENTS CHAPTER ORGANISES

# Techcellence - 2011

A National Level Technical Paper Presentation Competition  
for Under Graduate & Post Graduate Students

March 5<sup>th</sup>, 2011



## Paper Presentation Subthemes

### ELECTRONICS ENGINEERING

- Mobile Communication
- Sonar Communication
- VLSI Technologies
- Image Processing
- Microwave Engineering
- Biomedical Engineering
- OFDM

### ELECTRICAL ENGINEERING

- Power System Operation & Management
- Power Quality in HVDC System
- Flexible AC Transmission System
- Power System Analysis, Simulation & Control
- Efficient Energy Utilization
- Energy Auditing, Conversion & Management
- Renewable Energy Systems

### Important Dates

**Presentation Date**

**5th March 2011**

**Intimation Date Before**

**2nd March 2011**

**Last Date for Acceptance of**

**Paper 28th Feb. 2011**

**WIN**

**For Each Group**

**First Prize Rs.3000 /-  
Second Prize Rs.1500 /-  
Third Prize Rs.500 /-  
and Certificate for  
Participation**

### MECHANICAL ENGINEERING

- Six sigma/ TQM/ Supply Chain Management.
- Energy Conservation.
- A Modern Trends in Non Conventional Energy Sources.
- FEM & FEA
- Robotics & Automation.
- Nano Tribology.
- New Trends in Aerospace.
- Vibration Control.
- Refrigeration & Air Conditioning.

### COMPUTER ENGINEERING

- Cloud Computing
- Advanced Wireless network Technology
- Advanced Mobile Device Operating Systems
- Methodology of software Engg.
- Data Security with Data Mining Techniques
- New Processor & Memory Technologies.

### CIVIL ENGINEERING

- Recycling of Construction Materials
- Infrastructure Development
- Remote sensing,GPS & DGPS Technology
- Finite Element Analysis
- Smart Material in civil Engg.
- Advance Technology in civil Engg.
- Environmental Assessment Technology
- Advances in earth resistance Structure

### Rules & Regulations for Paper Presentation-

- Max, two authors per paper.
- Max, 15 Pages with photo, figure, table along with abstract.
- Paper should be printed in 12 Pt.Margins L-1.1" R-1",T-1",B-1" Font Size A4 Sheet in font typeTimes New Roman.
- One soft copy in the form of CD and One hard copy of paper should be sent along with abstract notexceeding 200 words.
- A recent bonafide certificate should be enclosed along with entries.
- College Identity card should be produced at the time of registration.
- Format of paper :- Abstract, Introduction, Main body, Conclusion, References. LCD will be provided.

**Registration Fees  
for Paper Presentation  
Rs. 300/- Per Paper**

### Contact Person

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### PROGRAME COMMITTEE

Patron :- Prin. Dr.R.P.Singh  
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Co-Convener :- Prof.P.S.Bajaj

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### Organised By -

Civil, Mechanical, Computer, Electronic an communication,  
Electrical Engineering Departments.

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### Facilities :-

- Hostel Accomodation will be available for Participants on First come First serve basis.
- Food/snacks will be provided.