

# National Level Project Exhibition, Paper Presentation And Technical Quiz

Sponsored By :



**MAHARASHTRA STATE,  
BOARD OF TECHNICAL EDUCATION**

Govt. Poly. Bldg. - 4<sup>th</sup> floor, 49, Kherwadi.  
Bandra (East) Mumbai - 400 051



# MP-proEX 2009

Small Brains behind Big Innovation

**7<sup>th</sup> & 8<sup>th</sup> March 2009**

## Manohar Phalke Project Exhibition 2009

National Level Project Exhibition, Paper Presentation and Technical Quiz  
For Electronics and Computer Group

Web Site : [www.geocities.com/mpproex2009](http://www.geocities.com/mpproex2009)

**Total Prizes  
Rs. 45,000/-**

**Paper Presentation & Technical Quiz 2009**  
For Electronics and Computer Group

# MP-proEX 2009

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7<sup>th</sup> & 8<sup>th</sup> March 2009



Ref. : MPMFP/2008-2009/MP-proEX 2009

Date: 7 / 1 / 2009

To,

**The Principal,**

Sub: **National Level Project Exhibition, Paper presentation and Technical Quiz,  
MP-proEX 2009 on 7<sup>th</sup> and 8<sup>th</sup> March 2009.**

Dear Sir / Madam,

We have great pleasure in announcement for National Level Project Exhibition, Paper Presentation and Technical Quiz, MP-proEX 2009, for Electronics and Computer Group on 7<sup>th</sup> and 8<sup>th</sup> March 2009.

The recent advances are taking place in the fields of Computer Engineering, Information Technology, Electronics & Communication Engineering, Digital Electronics, Instrumentation and allied fields. We can develop these fields through the exchange of ideas and interaction. For this purpose we are arranging the National Level Project Exhibition, Paper presentation and Technical Quiz to develop intellectual progress and technical skill at diploma level students.

Many entrepreneurs and industrialist of Mumbai are visiting the event.

To maintain the standard of event we have introduced restriction on the number of entries that are eligible from the institute. We request your personal attention to ensure participation from your institute for the event MP-proEX 2009

**MP-proEX 2005, MP-proEX 2006, MP-proEX 2007 and MP-proEX 2008 were a grand success.**

The success of this year's event, MP-proEX 2009 will entirely depend on your co-operation & contribution in the form of entries for Project Exhibition, Paper Presentation and Technical Quiz.

With best regards,

Thanking You.

**Prof. Ashok D. Chavan**

PRINCIPAL, MPMFP,

Chairman, MP proEX 2009

Place: Sion, Mumbai.



## About us -

Manohar Phalke Memorial Foundation established in 1993 with the mission of imparting quality technical education. As part of this mission Polytechnic (code: 357) was started in the 2001-2002 offering diploma courses in engineering field related to electronics and computer group. These diploma courses are recognized by Directorate of technical education approved by AICTE and affiliated to Maharashtra State Board of Technical Education (MSBTE).

The Institute offers following diploma courses:

1. Electronics and Communication
2. Electronics Engineering
3. Instrumentation Engineering
4. Computer Engineering
5. Information Technology

## The VISION

To create here an educational environment in which students are prepared to meet the challenges of growing needs of the society by equipping them with:

- + Up to date technical knowledge.
- + Analytical and practical skills.
- + Management competence.
- + A creative and innovative approach towards technology.
- + An emphasis on strengthening links with Commerce and Industry.
- + Curriculum development.
- + Training and placement.
- + Project work.

The Institute develops a kind of environment where staff members are encouraged to maintain their intellectual curiosity and improve their technical expertise through a continuous staff development program. The Institute creates the conditions in which the institution can be recognized as self-regulating centre for technical education.

The Institute encourages the intellectual, physical, aesthetic and ethical development of the student through the provision of appropriate resources.

In one sentence it can be concluded as :

**“To make every man a success and no man a failure”**

## The MISSION

To provide every individual with a conducive environment suitable to achieve his/her career goals, with a strong emphasis on personality development, and to offer the academically inclined resources to gain quality education in all spheres of engineering, applied sciences and management, without compromising on the quality and code of ethics to each student of the institution. To achieve this mission the institution offers a well-planned campus in over 7.5 acres of a pollution free environment, near Priyadarshni Sion, Mumbai. Aesthetically built buildings, well-furnished classrooms, lecture theatres, library, workshops, laboratories and spacious playgrounds, indoor and outdoor sports facilities, extracurricular activities in the campus, offer an ideal environment for pursuit of a professional care

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## MP-proEX 2009

As a part of our co-curricular activities in the campus, Fifth time we are arranging a grand event "MP-proEX 2009" a National Level Project Exhibition, Paper Presentation and Technical Quiz for all polytechnics in INDIA.

We hope this event will help the students to develop and expose their technical skills. In a way the event will definitely develop students to withstand in today's competitive world.

## Project Exhibition

### + The Eligibility for Project Exhibition

Final Year Students from any polytechnic.

### + Synopsis Format

Each team should send one hard copy (print out) and one soft copy (in CD) of the project synopsis along with the entry form. Project synopsis is to be neatly typed on A4 size paper, furnishing participant's name, telephone number, email ID in Times New Roman font, font size is 12pt.

Synopsis can also be forwarded as email attachments to

mpproex2009@yahoo.com

Last Date for submission of synopsis is on or before 19<sup>th</sup> Feb. 2009

## Synopsis of Project

1. College / Institution:

\_\_\_\_\_

2. Title of Project

\_\_\_\_\_

3. Name of Project Guide

\_\_\_\_\_

4. Working Principal :

\_\_\_\_\_

5. Synopsis

Synopsis will start from here \_\_\_\_\_

\_\_\_\_\_

Synopsis will contain Abstract, Project description, Future scope, Applications, Advantages, Disadvantages, Software & hardware description, references etc

### + Rules for Project Exhibition

1. Maximum 4 participants per group.
2. Student must bring their college ID card.
3. Entries should be from the following fields :
  - A. Electronics Group
  - B. Computer Group
4. Synopsis must be submitted by 25<sup>th</sup> Feb. 2009 in the name of Manohar Phalke Project Exhibition 2009 ( MP proEX 2009 ) at the college address and also send the synopsis at following e-mail ID :  
mpproex2009@yahoo.com



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5. D.D. of Rs.200/- each group should be drawn in favour of "MP pro EX" payable at Mumbai
6. Only 230 V/ac supply will be provided to every stall. Participants in computer group shall bring their project along with the CPU, Monitor, Mouse, Keyboard, spike –guard to avoid inconvenience.
7. In case of prior installation and special setup, participants will be allowed to do so a day before the exhibition.

## Technical Quiz

### + The Eligibility for Technical Quiz

Student from First Year to Final Year from any polytechnic.

### + Rules for Technical Quiz

1. Two participants per team
2. Written elimination in morning session on 7<sup>th</sup> March 2009.
3. Finals will be held in afternoon session on 7<sup>th</sup> March 2009.
4. Students who are interested must submit their entry on or before 25<sup>th</sup> Feb.2009
5. D.D. of Rs.100/- per group should be drawn in favour of "MP pro EX" payable at Mumbai

## Paper Presentation

### + The Eligibility for Paper Presentation

Student from First Year to Final Year from any polytechnic.

### TOPICS FOR PAPER PRESENTATION

#### + Topics for Electronics Group

1. Wireless Communication
2. Embedded System
3. VLSI
4. Industrial Automation
5. Robotics
6. Nano Technology

#### + Topics for Computer Group

1. Network Security
2. Artificial Neural Network OR Artificial Intelligence
3. Terrorism on Internet
4. Wireless Network
5. Data Mining
6. Laws in Information Technology

### + Format for Paper Presentation.

#### Content

##### 1. Abstract

The abstract has to be a concise review of the paper you intend to present. The judges will be going through a large number of papers and hence abstracts with ambiguous description are prone to be discarded. The

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abstract must be a maximum of one page and total abstract will be strictly one paragraph

## 2. Introduction

Introduction must be one to two pages. This is to serve as a formal introduction for the abstract.

## 3. Technical Part

This contains your actual technical part of paper and it should be 10 to 11 pages. Because introduction, abstract and conclusion are considered in total pages.

## 4. Conclusion

Conclusion should be one page.

### + Page Format

#### Font:

#### 1. Main heading: -

16-point, Times New Roman, bold face, left aligned, initially capitalized.

#### 2. Sub heading: -

14-point, Times New Roman, bold face, left aligned, initially capitalized.

#### 3. Sub-sub heading: -

12-point, Times New Roman, bold face, left aligned, initially capitalized

#### 4. Main text: -

12-point, Times New Roman, left aligned.

#### 5. Line spacing:-

line spacing for whole paper is 1.5 inches

### + Page Setup:

A-4 size page with following margin specifications is to be used.

- Left and Right margins – 1.25 inch
- Top and Bottom margins – 1.0 inch

### + Front page

1. Event name
2. Paper name
3. Author name
4. College logo & college name

### Rules for Paper Presentation

1. Full length paper not exceeding 12 pages of A4 size with margins 1 inch all around, in MS Word, Times New Roman, 12 font size, script as per IEEE double column format.
2. Maximum two participants should allow for one team.
3. Estimated time for each will be 10+5 min. 10 min. for presentation and 5 min. for question answering.
- 4 Abstract should be e-mailed at [mpproex2009@yahoo.com](mailto:mpproex2009@yahoo.com) on or before the submission date.
5. Two hard copies should be sent on the specified address and Soft copy of the technical paper should be e-mailed at [mpproex2009@yahoo.com](mailto:mpproex2009@yahoo.com) on or before the submission date.
6. The Soft copy should be included only in one



Word file. The name of the file should be in the following format: <Institute Code> <Author Name> <Topic> e.g. 513-xyz-network

7. D.D. of Rs.200/- per paper should be drawn in favour of "MP pro EX" payable at Mumbai

8. Registration form should be sent along with the hard copy of the technical paper, on the specified address.

9. If the paper is selected then the participant will be informed through e-mail.

10. The presentation should be in PowerPoint Presentation format (ppt or pps). The fonts used in the presentation should preferably be the standard fonts provided in the software.

## Facilities Provided.

### 1. Lodging

Per day per person = Rs. 100/-

(Common lodging facility in a big hall with Common toilets. Separate arrangements, will be made for female Participants. One mattress with bed sheet and pillow will be provided to each person.)

Lodging is arranged for the convenience of the participants on

NO PROFIT and NO LOSS BASIS

### 2. Computer System:

2.1 PC with Windows XP Rs. 200/-

2.2 PC with operating system other than mentioned in 2.1 = Rs. 400/-

All participants will be provided with complementary food.

## PRIZES

### + Prizes for the Project Exhibition

#### Electronics Group:

Winner: Rs.10000/-+Trophy+ Certificate

Runner: Rs.5000/- +Trophy + Certificate

#### Computer Group:

Winner: Rs.10000/-+Trophy+ Certificate

Runner: Rs.5000/- +Trophy + Certificate

### + Prizes for the Paper Presentation

#### Electronics Group:

Winner: Rs.3000/- +Trophy+ Certificate

Runner: Rs.1500/- +Trophy+ Certificate

#### Computer Group :

Winner: Rs.3000/- +Trophy+ Certificate

Runner: Rs.1500/- +Trophy + Certificate

### + Prizes for the Technical Quiz

#### Electronics Group:

Winner: Rs.2000/- +Trophy+ Certificate

Runner: Rs.1000/- +Trophy+ Certificate

#### Computer Group :

Winner: Rs.2000/- +Trophy+ Certificate

Runner: Rs.1000/- +Trophy + Certificate

**Participation certificate will be awarded to all the participants after prize distribution ceremony.**

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## EVENT SCHEDULE

### 1<sup>st</sup> Day: 7<sup>th</sup> March 2009

Reporting Time : 09:00am to 09:30am

Inauguration : 10:00am to 10:30am

Exhibition : 10:30am onwards

Paper Presentation round for EX and CO are simultaneously conducted from 11:00 am onwards on both days.

### Quiz Written Test:

Test for EX : 11:00 am to 11:30 am

Test for CO : 11:45 am to 12:15 pm

Lunch Break : 12:30 pm to 01:30 pm

### Quiz Final Round:

EX group : 02:30pm to 04:00pm

CO group : 04:30pm to 06:00pm

Closing time: 06:30 pm

### 2<sup>nd</sup> Day: 8<sup>th</sup> March 2009

Reporting Time : 09:00 am to 09:30 am

Judges Felicitation : 10:00am to 10:30am

Judges round : 10:30am to 04:00pm

Lunch Break : 12:30 pm to 01:30 pm

Prize distribution : 06:00pm to 07:00pm

National Anthem : 07:00 pm

## IMPORTANT DATES

### + IMP date for MP proEX2009

7<sup>th</sup> and 8<sup>th</sup> March 2009

### + IMP dates for Project Exhibition

1. Last Date to submit entry for project exhibition :

25<sup>th</sup> Feb. 2009

2. Intimation through Email about selection of project :

28<sup>th</sup> Feb. 2009

### +IMP dates for Technical Quiz

Last Date to submit entry for Technical Quiz :

25<sup>th</sup> Feb. 2009

### +IMP dates for Paper Presentation

1. Last Date to submit entry for paper presentation :

25<sup>th</sup> Feb. 2009

2. Intimation through Email about selection of paper :

28<sup>th</sup> Feb. 2009



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## Contact Details

Convenor,

MP-proEX-2009, Manohar Phalke Memorial  
Foundation's Polytechnic,

Vasantdada Patil Educational Complex,

Eastern Express Highway, Evarad Nagar, Sion-  
Chunabhatti, Mumbai-22

Phone No. 022-24023991

Fax No. 022-24023604

## For More details

Email us at:

mproex2009@yahoo.com

OR

Call following persons

**For Project:**

Mr. S.A. Kamble. :-9224016194

**For Paper Presentation:**

Mr. P.M.Manegopale. :- 9819009420

Mr. Tushar Walse :- 9324332685

**For Technical Quiz:**

Mr. P.T. More :- 9221295877

**For Lodging Facility:**

Mr. M.R. Umbarkar. :- 9422221793

## Steering Committee

**Chairman :**

Prof.Ashok Chavan

**Org. Secretary :**

Mr. Santosh Kamble

**Treasurer :**

Ms. Shraddha Subhedar

**Member (Paper Presentation) :**

Mr. P.M.Manegopale

Mr. Tushar Walse

**Member (Publicity) :**

Mr.P.A.Deshpande

**Member (Infrastructure) :**

Mr. Ishwar Raut

**Member (Magazine) :**

Mr. Mahesh Patil

**Member (Technical Quiz) :**

Mr. P.T. More

**Member (Sponsorship) :**

Mr. Ashish Makade

**Member (Reception) :**

Ms. Anjali Sakhare

**Member (Food) :**

Mr. Earesh Kendole

**Member (Stage Proceeding) :**

Ms. Anagha Dhavalikar

**Member (Discipline) :**

Mr. G.N. Bhirud

**Member (Lodging) :**

Mr. M.R. Umbarkar



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## REGISTRATION FORM

### 9. Equipment Required

9.1 Computer System: \_\_\_\_\_ 9.2 Operating System: \_\_\_\_\_  
9.3 DC Power Supply: \_\_\_\_\_ 9.4 Multi-meter: \_\_\_\_\_  
9.5 C.R.O.: \_\_\_\_\_ 9.6 Function Generator: \_\_\_\_\_

### 10. Other Information: Facilities are provided at confessional rates.

10.1 No. of person required lodging facility : Male + Female = Total  
\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

10.2 No. of days required lodging facility = \_\_\_\_\_ Days

10.3 Reporting Time : \_\_\_\_\_ Date: \_\_\_\_\_ / 03 / 2009

Departure Time : \_\_\_\_\_ Date: \_\_\_\_\_ / 03 / 2009

### 11. Details about Demand Draft:

(Demand draft is drawn in the favour of "MP pro EX ", payable at Mumbai)

(Demand draft total value is Your entry fee for respective event + Lodging Charges Rs. 100/- per person per day)

Name of the Bank	D.D. Number	Total Amount (Entry fee + Lodging Charges)

### 12. Signature with Date:

**Group Leader**

**Guide**

**Principal**

Name \_\_\_\_\_

Date: \_\_\_ / \_\_\_ / \_\_\_\_\_

Place: \_\_\_\_\_

(Seal of Institute)

**Note :** **For Project Exhibition:** Please attach your abstract (Synopsis) in prescribed format, with the entry form  
**For Paper Presentation:** Please attach your paper in prescribed format with the entry form.

**For More details Call following persons**

**Project:** Mr. S.A. Kamble. :-9224016194 **Technical Quiz:** Mr. P.T.More :- 9221295877

**Paper Presentation:** Mr. P.M.Manegopale. :- 9819009420 Mr. T. Walse :- 9324332685

**For Lodging Facility:** Mr. M.R. Umbarkar. :- 9422221793

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