



IIM

Metallurgy
Materials Engineering



32nd Prof. Brahm Prakash Memorial Materials Quiz 2024

September 20-21, 2024

SECOND ANNOUNCEMENT



Organised
by
IIM Kalpakkam Chapter
Indira Gandhi Centre for Atomic Research
Kalpakkam, Tamil Nadu

About BPMMQ

In 1990, the Kalpakkam chapter of the Indian Institute of Metals (IIM) held its first materials quiz for school students. The quiz was intended to stimulate curiosity and cultivate appreciation among students for materials that have shaped our lives for millennia.

The quiz was named as Prof. Brahm Prakash Memorial Materials Quiz (BPMMQ) in 1993, in honour of India's illustrious metallurgist. Since then, the BPMMQ has evolved into a premier nationwide event, attracting over 120 students annually.

Join us at Kalpakkam this year during Sep. 20-21, 2024 for BPMMQ -2024, where you will not only challenge your knowledge but also get an exclusive glimpse of nuclear reactors and research facilities.

It's your chance to stand out among the nation's finest and take back memories that will endure a lifetime!

Metal Camp (Sep. 20, 2024)

During BPMMQ-2024, students will also participate in the Metal Camp, an exciting visit to various iconic facilities such as the Madras Atomic Power Station (MAPS), the Fast Breeder Test Reactor (FBTR) and associated research facilities. This immersive visit will be an invaluable experience for aspiring scientists, offering firsthand insights into the workings of nuclear reactors and the forefront of research in materials science.

Quiz programme (Sep. 21, 2024)

- Each team shall consist of **two students** of class XI and XII only.
- Maximum **three teams** are allowed per chapter.
- Only **one escort** per chapter is allowed to accompany the students.
- The confirmation of the participation and number of teams shall be sent to **bpmmqkalpakkam@gmail.com** on or before **Aug. 31, 2024**.
- Filled-in registration forms along with the details of participants /escorts, scan copy of ID cards (preferably Aadhar) and travel itinerary shall reach us not later than **Sep. 05, 2024**.

Essay & elocution contest

Contestants may prepare essays on any one of the three topics:

- (1) **The deep-sea conundrum: balancing material needs with environmental protection**
- (2) **Materials technologies for green hydrogen initiatives and effective decarbonisation**
- (3) **Extracting resources from outer space: A distant dream or an emerging reality?**

The contest is open only to the quiz participants of BPMMQ-2024.

The soft copy of the essay must be forwarded only by the respective chapter through email to **bpmmqkalpakkam@gmail.com** on or before **Sep. 05, 2024**.

A maximum of six entries may be forwarded by each IIM chapter.

Essay Format: Maximum of **2000** words; Font- **Times New Romans**; Title in **18** pts, Sub title in **14** pts and Text in **12** pts.

Evaluation: Essays will be assessed, among other criteria, for originality, comprehensiveness of coverage of topic and novel ideas presented. All the essays will be checked for plagiarism (must be less than 10% for qualification!). A total of **8 best essays** selected by the jury will be invited for elocution contest on **Sept. 21, 2024**.

Awards

The winners and runners-up teams of **BPMMQ-2024** will receive the **Awards** with prize money of Rs. **15,000/-** and Rs. **10,000/-** respectively at valedictory function of BPMMQ-2024 in Kalpakkam on **Sep. 21, 2024**. The winner and two runners of **elocution contest** will receive the cash prize of Rs. **10,000/-** and **Rs. 5,000/-** respectively.

In addition, the winner and runner-up teams of quiz contest will be invited attend the **IIM Awards Ceremony** during **IIM Annual Technical Meeting, Nov. 20-22, 2024** at **Bengaluru** and receive the certificates and cash reward of **Rs. 15,000/-** and **Rs. 10,000/-** respectively.

Quiz Prize Details

Winner Team	Rs. 30,000/-
Runner-up Team	Rs. 20,000/-

Elocution Prize Details

Winner	Rs. 10,000/-
Runner-up (2 Nos.)	Rs. 5,000/-

Prof. Brahm Prakash Memorial Materials Lecture

Prof. Brahm Prakash Memorial Materials Lecture is a prestigious and inseparable part of BPMMQ. Eminent metallurgists, materials scientists and technologists have delivered the lecture, directly interacting with young minds and igniting great dreams.

The luminaries who delivered the lecture in past are

Prof. C.V. Sundaram

Dr. P.K. Iyengar

Dr. R. Chidambaram

Dr. C.G.K. Nair

Prof. S. Ranganathan

Prof. P. Ramachandra Rao

Dr. S. Banerjee

Dr V.S. Arunachalam

Prof. V.S Ramamurthy

Prof. S.P. Mehrotra

Dr. Prabhat Kumar

Dr. R.N. Patra

Prof. Indranil Manna

Shri. S. S. Mohanty

Prof. K. Balasubramanian

Dr. A.K. Bhaduri

Dr. G. Amarendra

Dr. U. Kamachi Mudali

Prof. Amol Gokhale

Dr. Samir V. Kamat

Prof. B. S. Murty

*The speaker for the Memorial Lecture 2024 will
be announced soon.*

Accommodation & local transport

All students and chapter escorts will be accommodated in the beautiful and serene coastal town of Kalpakkam. Kalpakkam is situated 75 km from Chennai and less than 20 km from the UNESCO World Heritage site of Mamallapuram. IIM Kalpakkam chapter will arrange for pick-up and drop of registered participants/escorts from/to Chennai Railway station/Airport.

Important Dates

Last date for intimation of participation	Aug. 31, 2024
Last date for registration from chapters	Sep. 05, 2024
Last date for submission of essays	Sep. 05, 2024
Metal camp	Sep. 20, 2024
Quiz and elocution	Sep. 21, 2024

Contact us

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For more details : <http://iim-kalpakkam.in>