



Prof. Brahm Prakash Memorial Materials Quiz 2022

September 9 and 10, 2022



SECOND ANNOUNCEMENT

Organised by
IIM Kalpakkam Chapter
C/o. Indira Gandhi Centre for Atomic Research
Kalpakkam, Tamil Nadu

The Kalpakkam chapter of the Indian Institute of Metals (IIM) has been conducting Materials Quiz for class XI and XII students since 1990. In the year 1993, this event was named after Prof. Brahm Prakash, an eminent metallurgist of India. This year **Prof. Brahm Prakash Memorial Materials Quiz (BPMMQ)** along with an elocution contest will be conducted in physical mode at Kalpakkam on **September 10, 2022**. A visit to nuclear facilities popularly known as **Metal Camp** will be organized on the previous day i.e. **September 9, 2022**.

About BPMMQ Event

This programme was initiated to create awareness and interest among students about the role of material science and metallurgy in human civilization, ancient archaeology, industrial, engineering and technology developments. This quiz competition is prestigious annual event of IIM Kalpakkam chapter which has attracted appreciations from educationalists, researchers and industrialists. This national level Materials quiz and Elocution contest has gained wide popularity and participation with more than 50 teams comprising of 100 students from all around country.

Metal Camp (Friday, Sep. 9, 2022)

In the Metal Camp programme, the students and escorts will be taken around various nuclear facilities at Kalpakkam namely Madras Atomic Power Station (MAPS), Fast Breeder Test Reactor (FBTR), Prototype Fast Breeder Reactor (PFBR) and other state-of-the-art facilities for advanced research in materials. The visit to various reactors and exposure to research facilities would be an enthralling and inspiring experience for budding scientists.

Quiz Contest (Saturday, Sep. 10, 2022)

1. Each team shall be represented by **two students** only.
2. A maximum of **two teams** shall strictly be allowed per chapter.
3. A maximum of **two teams** per region shall participate from regions where IIM local chapters are not functional.
4. Only **one escort** per chapter/region is required to accompany the team members.
5. The confirmation on the participation and number of teams (one or two) from each chapters/regions information shall be sent to **bpmmqkalpakkam@gmail.com** before **Aug. 10, 2022**.
6. Filled-in registration forms with the details of participants / escorts, scan copy of ID cards and travel itinerary shall reach us not later than **Aug. 30, 2022**.

Preliminary rounds will be held in parallel sessions. The winners and runners-up from each session will be selected for the semifinal. Top three teams from each of the two semifinals sessions will contest the Grand Finale.

Essay & Elocution Contest (Saturday, Sep.10, 2022)

The topics for the essay cum elocution contest are (choose one)

1. Role of Silicon in the modern world
2. Powertrain materials for electric mobility
3. Metal additive manufacturing in propulsion system

The participants of BPMMQ-2022 (chapter teams) are only eligible for the essay and elocution contest. A maximum of **four entries** may be forwarded by each IIM chapter among the quiz participants from their region. The soft copy of the essay must be forwarded only by the respective chapter through email to **bpmmqkalpakkam@gmail.com** before **Aug. 25, 2022**.

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.

A total of **8 best essays** selected by the jury will be invited for elocution contest on **Sep. 10, 2022**.

Awards

The winners and runners-up of BPMMQ-2022 will be invited to participate in **IIM Awards Ceremony** on **Nov. 14th** during **IIM-ATM 2022 at Hyderabad, Telangana** and to receive the certificates and cash award of **Rs. 15,000/-** and **Rs. 10,000/-** respectively. In addition, the winner and runner-up of quiz contest will receive the **Awards** with prize money of **Rs. 15,000/-** and **Rs. 10,000/-** respectively at valedictory function on **Sep. 10, 2022**.

Quiz Prize Details

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

Elocution Prize Details

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

Prof. Brahm Prakash Memorial Materials

Lecture (Sep. 10, 2022)

Many eminent metallurgists and material scientists including **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. Krishnan Balasubramanian, Dr. Arun Kumar Bhaduri, Dr. G. Amarendra, Dr. U. Kamachi Mudali and Prof. Amol Gokhale** have delivered the BPMMQ memorial lecture in the earlier years and motivated the students. This year **Dr. Samir V. Kamat, Director General, Naval Systems & Materials, DRDO and President, IIM** will deliver the prestigious "Prof. Brahm Prakash Memorial Lecture" and to share his valuable experiences in the exciting world of materials to inspire young minds.

Accommodation and Local Transport

IIM Kalpakkam chapter would take care of accommodation, local hospitality which include **pick-up and drop** from/to Chennai Railway station/Airport for the registered participants and their escorts.

About Kalpakkam

Kalpakkam is a coastal township situated on the shore of the Bay of Bengal, at a distance of 75 km from Chennai and about 20 km from the famous archaeological town of Mamallapuram. The clean, green township with vast sandy beach and backwaters will for sure captivate the minds and hearts of all our guests.

Important Dates

**Intimation of participation from
Chapter/Region**

Aug. 10, 2022

**Registration from Chapters/
Region/Schools**

Aug. 30, 2022

Metal Camp

Sep. 9, 2022

BPMMQ and Elocution

Sep. 10, 2022

Contact Details

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