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अखिल भारतीय तकनीकी शिक्षा परिषद्

(भारत सरकार का एक सांविधिक निकाय)

(शिक्षा मंत्रालय, भारत सरकार)

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ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

(A Statutory Body of the Govt. of India)

(Ministry of Education, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070

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Dated: 14.09.2022

CIRCULAR

To,

**All Directors/Principals of AICTE Approved Institutions and
All Vice Chancellor of Technical Universities,**

Subject: Second Mehar Baba Competition (MBC-II).

Sir/Madam,

Indian Air Force Ministry of defence in honor of Late Air Commodore Mehar Singh organizes Mehar Baba Competition. The first edition of the Mehar Baba Competition (MBC-I) was organized in Oct, 21 and second edition of the Mehar Baba Competition (MBC-II) has been launched on 06 Apr, 2022 by Hon'ble Raksha Mantri Shri Rajnath Singh. The theme of the competition is **“Swarm Drone Based Foreign Object Detection on Aircraft Operation Surfaces”**.

The competition will be conducted in four phases. Phase-0 involves registration of all participants and short-listing of approximately 30 participants, based on the analysis of their proposals. Phase – 1 will have detailed presentation of the proposals by the 30 selected participants, and selection of 10 participants for continuing in next phase. Phase – 2 involves practical demonstration of prototype by the 10 selected participants as per the defined parameters and selection of five finalists. Phase-3 (Final Phase) will have demonstration of the complete capability as envisaged by IAF. The winners will be announced tentatively on 08 October 2023 (Air Force Day).

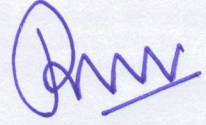
MBC-II has a clear aim, to stimulate the development of indigenous industries in the field of Unmanned Aerial Systems (UAS), and finding an innovative solution to detect Foreign Object Debris on aircraft operating surfaces, that will benefit the entire aviation industry. Although, a few of the technology ingredients of such a system already exist, the competition strives to build the final end to end solutions, to address the IAF needs.

The Indian Air Force intends to disburse upto Rs. 13 Crores as R&D funds, award the winners a prize of **Rs. 60 lakhs**, and follow it up with a chance to participate in capital procurement of upto Rs. 300 Crores. **Entries have to be submitted by 02 October 2022.**

Further details can be obtained by registering on the IAF webpage www.indianairforce.nic.in/meharbaba/ which has all the relevant details regarding the competition. Any further clarification and answers to queries can be sought from Squadron Leader Manoj Kumar, Project Officer, MBC-II on +91-9412727033 or Group Captain Neeraj Chaubey, Director Operations (MBC & RPA) on 011-23063703 (office) from Monday to Friday email-id: apathy51@nic.in or meharbaba2022@gmail.com.



You are requested to disseminate the information regarding the competition among the students & faculties and encourage them to participate in the above competition.



(Dr. Ramesh Unnikrishnan)
Adviser-II (P&AP)