GOVERNMENT OF INDIA
NATIONAL BOARD FOR HIGHER MATHEMATICS
DEPARTMENT OF ATOMIC ENERGY
ANUSHAKTI BHAVAN, C.S.M. MARG, MUMBAI-400 001
Website: www.nbhm.dae.gov.in
SCHOLARSHIPS FOR PURSUING POST GRADUATE STUDIES
(M.A. / M.Sc.) IN MATHEMATICS FOR THE
ACADEMIC YEAR 2019-20

The National Board for Higher Mathematics (NBHM) invites applications for the grant of scholarships to students pursuing studies leading to a masters degree in mathematics.

Eligibility

Only candidates belonging to one of the following categories are eligible (even to appear for the written test):

- Students who have either completed or expect to complete by end of July 2019 all requirements for a recognized B.A. / B.Sc. degree in mathematics, with cumulative marks 60% or more (or equivalent).

- Students who have either completed or expect to complete by end of July 2019 all requirements for a recognized B.A.(Hons.) / B.Sc.(Hons.) degree in mathematics, with cumulative marks 50% or more (or equivalent).

- Students who have either completed or expect to complete by end of July 2019 three or four years of a recognized five-year integrated masters programme in mathematics, with cumulative marks 60% or more (or equivalent).

Clarification

Students who have either completed or expect to complete by end of July 2019 one year of a recognized two year programme leading to a M.A. / M.Sc. degree in Mathematics are eligible to apply, provided that both the following conditions are satisfied:

- the cumulative marks in the first year of the programme is 60% or more (or equivalent).

- the cumulative marks in the undergraduate degree pre-requisite to the masters programme is 60% or more (or equivalent); the cumulative marks need only be 50% or more (or equivalent) if the undergraduate degree is an Honours programme.

The Scholarship

Successful candidates will receive a scholarship of Rs. 6,000/- (Rupees six thousand only) per month, during the two year period of the post-graduate programme (or the final two years of the five-year integrated masters program). The scholarships are sanctioned for one year at a time and are renewable at the end of the year, subject to satisfactory progress. Students selected for the award of the scholarship when in the final year of the M.A. / M.Sc. or five-year integrated masters program will receive their scholarship for only one year.

To avail of the scholarship, a student must be enrolled in a recognized post-graduate (including integrated five-year masters) programme in mathematics in India. The scholarship will be disbursed through the student's institution.

Selection Procedure

Selection will be on the basis of a written test followed by an interview. Candidates will be short-listed for the interview based on the performance in the written test.

The written test is scheduled for **Saturday, 19th October 2019**. Its duration will be 150 (one hundred and fifty) minutes. It will involve questions requiring short answers (including multiple choice, possibly with negative marking as indicated), primarily in the areas of analysis and algebra, but also in other areas of mathematics covered in undergraduate mathematics programmes. Question papers from previous years along with the keys are available from the NBHM website and also at https://www.imsc.res.in/nbhm_model_questions/. These are however only indicative. The pattern and difficulty of the written test are subject to change without any notice whatsoever.

The written test will be conducted at the following centres (divided into zones as indicated):

- **Zone 1**: Chandigarh, New Delhi, Srinagar.

- **Zone 2**: Indore, Jabalpur, Prayagraj, Raipur.

- **Zone 3**: Goa, Mumbai, Pune, Vallabh Vidyanagar.

- **Zone 4**: Bhubaneswar, Guwahati, Kolkata, Ranchi, Shillong.

- **Zone 5**: Bengaluru, Chennai, Cochin, Hyderabad.

The interview will be conducted in only one centre (to be announced later) in each zone. The date(s) of the interview will also be announced later and may vary with the zone.

Candidates must make their own arrangements for travel and stay for the written exam.

How to apply

Applications to appear for the written test will be accepted **exclusively online**. The relevant web page is (cut and paste the address to your web browswer; security issues if any are being addressed and should be resolved soon):

https://nbhmscholarships.in/

An application fee of Rs. 300 (along with applicable collection charges) needs to be paid online at the time of the application (following the instructions given on the above web page). It is the responsibility of the applicants to ensure their eligibility to appear for the written test: application fee once paid cannot be refunded, even if the applicant is deemed ineligible.

The online application process will open around 24th July and close on 25th August. Eligible candidates will be able to download admission tickets (to the written test) from 06th September onwards.

Important Dates (all in 2019)

July 24	Online application process scheduled to open
August 25	Last date for online application
September 06	Download of admission tickets starts
October 19 (Sat)	Date of written test

Contact details of persons

For issues with the online application process, an email may be sent (after sufficient circumspection) to query@nbhmscholarships.in. Please refer to the online application web page for information about details that should accompany a query.

The contact details of the zonal coordinators given below are to be used only in case it is absolutely necessary. Email is the preferred mode of communication.

Zone 1
Prof. Gurmeet Kaur Bakshi   email: gkbakshi@pu.ac.in
Department of Mathematics
Panjab University
Hans Raj Gupta Hall
Chandigarh - 160 014.

Zone 2
Prof. Kalyan Chakraborty   email: kalyan@hri.res.in
Harish-Chandra Research Institute
Chhatnag Road, Jhusi
Prayagraj - 211 019.

Zone 3
Prof. Vivek Mohan Mallick   email: vmallick@iiserpune.ac.in
Department of Mathematics
Indian Institute for Science Education and Research
Homi Bhabha Road, Pashan
Pune - 411 008.

Zone 4
Prof. Shashi Mohan Srivastava   email: shashi.srivastava@iacs.res.in
School of Mathematical and Computational Sciences   with cc to: smohan53@gmail.com
Indian Association for Cultivation of Science
2A & 2B Raja S C Mullick Road
Kolkata - 700 032.

Zone 5
Prof. K. N. Raghavan   email: knr@imsc.res.in
The Institute of Mathematical Sciences
CIT Campus, Taramani
Chennai - 600 113.