

जामिया मिल्लिया इस्लामिया

(केन्द्रीय विश्वविद्यालय) (नैक प्रत्यायित 'A++' ग्रेड)
मौलाना मोहम्मद अली जौहर मार्ग, नई दिल्ली-110025

JAMIA MILLIA ISLAMIA

(A Central University) (NAAC Accredited 'A++' Grade)

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कुलसचिव कार्यालय

Office of the Registrar

دفتر مسجل

Ref. No. AS/RO-FTS-710580

April 10, 2023

Prof. Sultana N. Nahar
APS Fellow, APS Woman Physicist of the Month,
BPS Fellow, BAS Fellow,
Department of Astronomy, McPherson Lab
The Ohio State University, USA

Subject: **Revised MoA of guidelines for the S.N. Nahar faculty & A.R. Rahman
Student Prizes in Chemistry, Mathematics, Physics at Jamia Millia Islamia,
New Delhi, India – reg.**

Madam,

With reference to your email dated October 21, 2022 on the subject noted, I am enclosing herewith a copy of the MoA duly signed by the Competent Authority, Jamia Millia Islamia, for your record.

With regards,

Sincerely,

(M. Nasim Haider)

Asstt. Registrar (Academic)

M. Nasim Haider
A.R. (Academic)

Enclosed: As above

Copy to:

1. The Dean, Student's Welfare, JMI.
2. The Assistant. Registrar, Council & Ordinance Section, JMI.
3. The Secretary to Vice-Chancellor, JMI.
4. The Assistant. Registrar, Registrar Secretariat, JMI.
5. Concerned File.

Revised Memorandum of Agreement:**Sultana N. Nahar and Alburuj R. Rahman Annual Prizes in Chemistry, Mathematics, Physics at Jamia Millia Islamia, New Delhi, India****1. Purpose:**

To recognize and motivate faculty members for outstanding research publications and effective teaching in class, and encourage students in academic and research excellence in the Departments of Chemistry, Mathematics, and Physics at Jamia Millia Islamia. Recognition impacts positively on inspiration and raising the bar of the standard.

Teachers play the most crucial role in guiding and leading research. They also contribute the most to increase the number of students graduated with higher quality of education and research. There is always a limited number of top students in the class regardless of the standard. Recognition will encourage them to continue their best effort for higher excellence. However, motivated teachers can uplift the standard of the whole class by better teaching, being more helpful and inspiring to students. Best teaching skill will benefit not only the top students but the entire class. Students, who are the direct beneficiary of knowledge, will be involved in the nomination of the teachers prizes.

This prize program will recognize annually two faculty members for the best research and for the best teaching effort to raise the standard of the class, and one Ph.D. graduating student for the best Ph.D. thesis and academic excellence in each area of Chemistry, Mathematics, and Physics.

2. Funding:

The prizes are sponsored from endowments provided by Professor Sultana N. Nahar of the Ohio State University in the USA from her personal income. She provided a total of US\$15000, \$10,000 for Math and Physics prizes in 2017 and \$5000 for Chemistry prizes in 2019, as the endowment funds for the three subjects. The endowment fund is expected to be invested for the maximum profit under S.N. Nahar prizes trust but to an account of Jamia Millia Islamia (JMI) and implemented according to the MOA guidelines.

In 2018, prizes in Mathematics and Physics were distributed for the first time by JMI Vice Chancellor Prof. Talat Ahmad. However, the fund for honorarium of the prizes were not collected from the endowment profit. Sponsor Prof. S.N. Nahar, present at the recognition ceremony, provided the the fund in a check of Rs.50,000 for the prizes. No prizes have been given since then and funds from existing endowments have not been used.


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Out of the total annual profit from the endowments, 90% will be used for the annual 6 faculty and 3 student prizes and 10% of the profit will be added to the endowment for future increment of prize honorarium.

3. Prizes:

There will be 9, 6 for faculty members and 3 for graduated Ph.D. students, annual prizes, and hence 3 in each Department of Chemistry, Mathematics and Physics. Followings are the prizes:

- i) Sultana N. Nahar Distinguished Teacher of the Year for the best research publications in Chemistry for a faculty member.
- ii) Sultana N. Nahar Distinguished Teacher of the Year for the best teaching in class in Chemistry for a faculty member.
- iii) Alburuj R. Rahman prize for the best Ph.D. thesis and academic excellence for a past year graduated Ph.D. student in Chemistry
- iv) Sultana N. Nahar Distinguished Teacher of the Year for the best research publications in Mathematics for a faculty member.
- v) Sultana N. Nahar Distinguished Teacher of the Year for the best teaching in class in Mathematics for a faculty member.
- vi) Alburuj R. Rahman prize for the best Ph.D. thesis and academic excellence for a past year graduated Ph.D. student in Mathematics
- vii) Sultana N. Nahar Distinguished Teacher of the Year for the best research publications in Physics for a faculty member.
- viii) Sultana N. Nahar Distinguished Teacher of the Year for the best teaching in class in Physics for a faculty member.
- ix) Alburuj R. Rahman prize for the best Ph.D. thesis and academic excellence for a past year graduated Ph.D. student in Physics

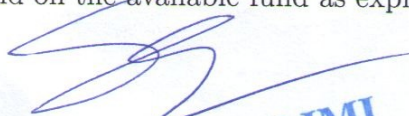
Each prize will consist of a certificate of excellence and an honorarium. The certificates will be signed by the Vice Chancellor or Pro Vice Chancellor of the university, the Dean of Faculty of Science and the Chairs of the respective Departments.

The suggested citations are:

The faculty Citation: "In recognition of the outstanding research publications and training and inspiring students to advanced research in Chemistry/Mathematics/Physics". The citation may include the research topic for which the prize is awarded.

The Ph.D. student Citation: "In recognition of the best Ph.D. thesis and academic excellence at graduation in Chemistry/Mathematics/Physics"

The amount of honorarium will depend on the available fund as explained below.



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Out of the available fund for the prizes, distribution can be made such that the ratio of faculty to student honorarium is 1.5:1. Hence total of the weight, $1.5+1.5=3$ for faculty members, plus weight of one student 1, $=4$ should divide the total fund for each subject "INR", so that each faculty will receive " $\text{INR}/4 \times 1.5$ ", and the student will receive " $\text{INR}/4$ ".

In case of two candidates with close total highest points for the same prize, the selection committee may approve two winners. Each winner will receive the same certificate of excellence and a half of the honorarium.

4. The Prize Board of Trustees:

The Board will consist of i) the VC or the PVC or the person in charge appointed by the university, ii) the Dean of Faculty of Natural Sciences, iii) the Dean (Students' Welfare), iv) Director (Research), v) Director (Academics), vi) Chair/Head of the Chemistry Department, and vii) sponsor Prof. Sultana N. Nahar.

For the best of motivation or encouragement, the academic committee of a Department may suggest modifications or adjustment in the process. Any decision on the modification of the terms and conditions or relevant issue on the prizes can be made by over 50% of the members of the Board with consent from the sponsor.

5. Terms and Conditions for the prizes:

A. Sultana N. Nahar Distinguished Teacher of the Year for the best research publications in Chemistry or Mathematics or Physics for a faculty member:

Selection Criteria:

Nomination of this prize for a faculty member will be based largely on research publications and with whom at least one student has carried out his/her research for the Ph.D. or Master thesis or authored in one publication in a peer-reviewed journal in the past year. Points are distributed as follows:

- 70% weight of the nomination will come from research publications (published in the past year)
- 10% of the weight will come from on invited seminar, conference presentations, participating in organizing a conference or some other achievement that makes Jamia Millia Islamia known for its research.
- 10% weight of the nomination will come from the research students who will be given slips to give voting points for their advisors. A research student will write on a paper slip advisor's name and x-points out of 10 based on his/her best learning and understanding of the research topic, intellectual and encouraging interaction with the advisor.



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- 5% weight will come from the Chair of the Department based on the research work and interaction with the research students of the faculty member.

- 5% weight will come from the recommendation of the sponsor, Sultana N. Nahar, or her representative. In absence of the sponsor or her representative, the 5% will go to add to research students top choice.

Evaluation of research publications:

For journals, proceedings, Book, Book Chapters:

1. Paper published in a SCI Journal: 10 points
2. Non-SCI journals but known with good readers (peer-reviewed): 6 points
3. Non-SCI average journals (peer-reviewed): 5 points
4. Conference proceedings: 4 points
5. Publication in an exceptional journal in the field: 10 additional points
6. Author of a textbook in the field: 25 points
7. Author of a general book in the field: 15 points
8. Review article or book chapters: 10 points

The total point for each publication will be multiplied by the authorship factor:

1. Single author paper: 1
2. 1st authoring a 2-authors paper: 0.9
3. 2nd author in a 2-authors paper: 0.8
4. Any author in an N-authors paper (alphabetical order): $1/N$
5. 1st or the last author in an N-authors paper who contributed the most (non-alphabetical order): 0.7
6. 2nd author in an N-authors paper (non-alphabetical order): 0.6
7. 3rd author in an N-authors paper (non-alphabetical order): 0.5
8. Any other author in an N-authors paper (non-alphabetical order): 0.4

Important note: Publications in certain topic or field is more difficult than others, such as the topic which is under development, can be more complex. Additional points can be added for such a publication.

B. Sultana N. Nahar Distinguished Teacher of the Year for the best teaching in class in Chemistry or Mathematics or Physics for a faculty member:



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Selection Criteria:

Nomination of this prize for a faculty member will be based largely on students learning in class. Students will be asked to vote, preferably electronically such as using google doc forms which can carry out the counting automatically, to select the teacher's name from the list of teachers from whom he/she learned the most in understanding and in amount of materials.

- 85% weight of the nomination will come from the student votes.
- 10% weight will come from the Chair of the Department based on the materials covered in the class and performance of the students of the nominated faculty member
- 5% will come from the sponsor Prof. Sultana N. Nahar or her representative. In absence of her or a representative, 5% weight will be added to the students choice.

C. Alburuj R. Rahman prize for the best Ph.D. thesis and academic excellence for a past year graduated Ph.D. student in Chemistry or Mathematics or Physics**Selection Criteria:**

Selection of this prize will be for a Ph.D. student who graduated in the past one year or has been recommended for awarding the degree. The nomination will have

- 60% weight from research publications which have been published, and in press.
- 40% weight from excellence in academic record.

6. Evaluation Process:

i) Near the end of an academic year, the Departments will initiate the awarding process. The academic committee of the Department may form a prize committee of three to five faculty members. All faculty members in the prize committee and the Chair/Head are also eligible to be nominated. A notice will be circulated for faculty member and Ph.D. students to submit application materials to the office of the Chair/Head of the Department within a given deadline.

a) Each faculty member should submit his/her CV and copies of the publications of the past year. The CV will contain the list of publications (published, in press), conference/seminar/public presentations, participating roles in organizing conferences or workshops, and any other credentials and achievements in the past one year.

b) All graduated Ph.D. students of the past year will submit their CVs and copies of their papers, abstract of the thesis. The CV will contain the list of publications



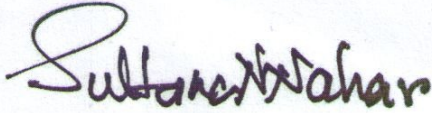
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(published, in press, submitted), conference / seminar / public presentations, participating roles in organizing conferences or workshops, and any other credentials and achievements during the period of their Ph.D. work.

- d) Points from general voting from the classes will be collected.
- e) The prize committee of the Department will select 4-5 top scorers from the faculty applications and 4-5 from the student applications and send the list to the Prize Board.
- f) The Prize Board will make the final selection and inform the winners. The prizes will be presented formally with the certificate of excellence and an honorarium to each winner.

7. Prize Ceremony:

To honor the winners and inspire others to make the best effort, it is suggested to hold the prize ceremony in combination with other events or in an event where the largest university audience will be present and publish the news of the winners in the university news media or as the university would deem appropriate to motivate the stakeholders.



Professor Sultana N. Nahar
October 20, 2022



कुलसचिव / Registrar
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