



THE OHIO STATE UNIVERSITY

College of Arts and Sciences

Sultana N. Nahar
Department of Astronomy

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Professor Sarosh H. Lodi, Vice Chancellor

Prof. Irfan Ahmed, Chair of the Physics Department
NED University
Karachi-75270
Pakistan

January 12, 2022

Ref. Sultana N. Nahar and Alburuj R. Rahman Prizes for the faculty members and students in Department of Mathematics of NED University of Engineering and Technology (NEDUET), Karachi, Pakistan

Dear Vice Chancellor Professor Sarosh H. Lodi,

Assalamu alaikum.

I encourage higher excellence in teaching, research, and academic performance, particularly for Muslims. My proposed recognition program for Physics at NEDUET has already been approved by you and the university Senate. It leads to my promotion for Mathematics, the foundation for all sciences. I am proposing the same recognition program for Physics to be instituted for Mathematics.

Attached is the MOA for the recognition program in Mathematics that describes the guidelines of the 4 prizes, 2 for faculty members and 2 for students, and provides an endowment of \$6000 once you have signed and approved it. Recognition has a definite positive impact on the motivation and effort and raising the bar of excellence.

With best regards,

Professor Sultana N. Nahar, APS Fellow, BPS Fellow
Co-Director, Indo-US APJAK STEM Education and Research Center of OSU and Aligarh Muslim University
Adjunct Professor, Aligarh Muslim University, India
Adjunct Professor, Cairo University, Egypt

Memorandum of Agreement:**Sultana N. Nahar and Alburuj R. Rahman Prizes in Mathematics at the NED University of Engineering and Technology, Karachi, Pakistan****1. Purpose:**

To recognize and encourage Muslim teachers for the best teaching in the class and for outstanding research publications, and Muslim students for achieving the best academic and research excellence in their respective areas of Mathematics. This recognition program aims to give annual prizes to teachers and students for their best performance.

Teachers play the most important role of raising the standard of the university by their best teaching for the students in the entire class, carrying out high quality research, and guiding students in research projects. They need to be recognized. There is always a limited number of students who achieve the topmost positions in the class regardless of the standard of the curriculum. To raise the bar of excellence of these students and enhance the quality of performance of the entire class, teachers contributions are extremely essential. A teacher can uplift the standard by excellent teaching skill, helping, and giving positive support to the students. This recognition program aims to encourage the efforts of the teachers. To appreciate the teaching effort, the students will nominate the teachers by votes from whose teaching they gained the most knowledge.

Research is crucial for advances. Without research publications an institution is not known outside. Teachers play the important role in leading research projects and in guiding and training students in research. The recognition program will award a faculty for 'the best research publications.

To encourage excellence in research and education, two students will be awarded - one for the best Ph.D. thesis and one for the best undergraduate achievement.

2. Funding:

The prizes will be sponsored by Professor Sultana N. Nahar of the Ohio State University in the USA by giving the endowment fund from her personal income. She will provide a total fund of US\$6,000. The endowment is recommended to be invested for the maximum profit.

Of the total profit earned from the investment of the endowment fund each year, 90% will be used for the annual prizes, and the rest 10% will be added to the endowment fund for sustenance and future increase of the honorarium of the prizes.

3. Prizes:

There will be 4 annual prizes in Mathematics, 2 for faculty members and 2 for students, as describe below:

- i) "Sultana N. Nahar prize for Distinction in Research Publications and in research guidance in Mathematics" for a faculty member,
- ii) "Sultana N. Nahar prize for Distinction in Teaching in Mathematics" for a faculty member,
- iii) "Alburuj R. Rahman prize for the best Ph.D. student in Mathematics" for a graduate who received Ph.D. degree during the past one year.
- iv) "Alburuj R. Rahman prize for the best B.Sc. student in Mathematics" who graduated with highest score in the current year.

Each prize will consist of i) a Certificate of Excellence and ii) an honorarium. The certificates will be signed by the Vice Chancellor of the university or by the Vice President of Graduate Studies and Research or by the Dean of Faculty of Science, and the Chair of the Department. In case of two nominations with almost same score, both nominees will be selected as the winners, receive the same certificates, but share half of the honorarium.

Out of the profit earned from the endowment fund, 90% will be used for the distribution of prize honorarium. Out of the total fund available for the prizes, each faculty will receive a prize honorarium of 28% and each student prize will receive 22%.

4. The Prize Board:

The Prize Board will consist of the Vice Chancellor of the University, Vice President of Postgraduate Studies and Research, the Dean of Faculty of Science and the Chair of the Physics Departments, and the sponsor, Dr. Sultana N. Nahar. The sponsor requests to appoint permanently Prof. Hira Lodhi of the Physics Department to oversee the formalities of the recognition process to be carried out.

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

5. Terms and Conditions for the faculty and student prizes:

A. "Sultana N. Nahar prize for Distinction in Research Publications and in research guidance in Mathematics":

i) Selection Criteria:

Nomination of this prize for a faculty member will be based on research publications and with whom at least one student has carried out his/her Ph.D. or Masters thesis research or authored in one publication in a peer-reviewed journal. Since Ph.D. researchers at NEDUET can carry out their Ph.D. research under supervision of faculty members in other Departments, the recognition will include those supervising faculty members and follow the same criteria for selections.

Nomination points are divided as:

60% weight will come from research publications,

10% weight will come from conference presentations, participating in organizing a conference or some other of achievement/prizes that added value to the University to be known for research.

10% will come from the research student under guidance of the candidate who will put the points based on his/her research experience with the candidate.

5% weight will come from the Chair of the Department who will judge based on quality of research and helping research students

5% weight will come from the recommendation of the sponsor, Dr. Sultana N. Nahar or her representative. In absence of the sponsor or her representative, the 5% will be added to the points for research publications.

ii) Evaluation of research publications:

For journals, proceedings, Book, Book Chapters:

1. SCI Journals: 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: 25 points
7. Author of a general book: 15 points
8. Book chapters: 10 points

The total point of 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 author in an N-authors paper (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

iii) Citation: "In recognition of outstanding research publications and guidance in Physics"

However, the citation can be changed with research topics that are related to the winner.

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

B. "Sultana N. Nahar prize for Distinction in Teaching in Mathematics":

i) Selection Criteria for a Faculty:

Nomination of this prize for a faculty member will be based on learning experience of students in the class.

85% weight will come from students assessment of their teachers from whom they learned the most in class sessions. Students will vote on slips of paper which will be counted by the Prize committee formed by the Chair. Online methods, such as google docs, can be used for the voting. However, the Department may introduce questionnaire for the students to be more specific about the nomination. The Chair and members of the Prize committee also qualify for the prizes.

10% weight will come from the Chair of the Department who will judge the candidate based on completion of the syllabus, regularity in classes and performance of the students on the subject

5% weight will come from the recommendation of the sponsor, Dr. Sultana N. Nahar or her representative. In absence of the sponsor or her representative, the 5% will be added to the points from students votes.

ii) Citation: "In recognition of outstanding teaching skill and students learning in class in Physics"

C. "Alburuj R. Rahman prize for the best Ph.D. student in Mathematics"

The prize is for the graduate who has received the Ph.D. degree during the past one year.

i) Selection Criteria:

Distribution of points for the nomination of this prize is as follows:

60% weight - from research publications

30% weight - from the excellence in academic record

10% weight - from conference presentations, any relevant award

ii) Evaluation of research publications:

Research publication points should be counted following the method mentioned above for the faculty prizes. However evaluation will be carried out for the total number of publications during the entire study for the Ph.D. degree. Some consideration could be given to the subject area in which publications are more difficult compared to others.

iii) Citation: "For the best research publications under the Ph.D. degree and academic excellence in Mathematics"

D. "Alburuj R. Rahman prize for the best B.Sc student in Mathematics"

The prize is for the graduate who has received the B.Sc. degree with major in Mathematics during the past one year.

i) Selection Criteria:

Distribution of points for nomination of this prize is as follows:

100% weight - from the academic achievement of topmost score.

5 additional points should added if the student had some research experience which led to a publication or presentation of in a conference. In such case, the grade point average from the classes of the candidate should be scaled with respect to that of the topmost scorer as 100%.

ii) Citation: "For achieving the highest score in the Bachelor degree in Mathematics"

6. Recognition process:

About two months before the end of the academic year the Head of the Department will circulate a notice to all faculty members, and the students who have completed their Ph.D. and B.Sc. degrees during the past one year, calling for submission of their i) CV of the past year (only for faculty members), ii) full CV of everyone, and iii) printout of the research papers in journals by the faculty members (1 year) and abstracts of all publications by the Ph.D. students to the Mathematics office. The academic committee of the Department will form a prize committee of 3 or 5 faculty members to collect the materials and evaluate them. All faculty members in the committee are also eligible to be nominated.

For the teaching evaluation for a faculty member, the prize committee will collect students assessment of the faculty members. Students from all years of undergraduate and postgraduate studies will be asked to put down the name of the faculty member from whom they learned the most in the class in the past year. The voting for the best teaching can also be done by using googledoc.

The committee will make selection of candidates with maximum points, one or two (in case of close points). A copy of the selection will be emailed to the sponsor for her evaluation. The Chairperson and the prize committee will approve the winners

for the prizes and send the names to the Prize Board headed by the University personnel who will have them approved. In case of two nominees with almost equal points, two winners should be selected. The Board will inform the winners and present formally the certificate and honorarium to each of them.

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.

A handwritten signature in black ink that reads "Sultana N. Nahar". The signature is written in a cursive, flowing style.

Professor Sultana N. Nahar
January 12, 2022

Approval of the prizes by the university syndicate

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY

No. DR (Estab)/(1430)/8060

Dated: 26-08-2022

NOTIFICATION

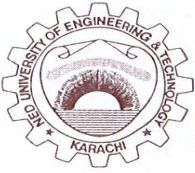
The Syndicate vide its Resolution No. Syn-200.4(s) dated 30-03-2022 has approved the Memorandum of Agreement between NED University and Ohio State University for awarding four (04) prizes, 02 for faculty members and 02 for students from the proceeds of Endowed US\$6000 in equivalent Pak rupees provided by Dr. Sultana N. Nahar with matching amount to be added from NED University Research Fund for the Department of Mathematics.


REGISTRAR

Copy for information to:

- 1 PS to Vice Chancellor
- 2 PA to Pro Vice Chancellor
- 3 Dean (ISH)
- 4 Chairperson, Dept. of Mathematics
- 5 Director Finance
- 6 Deputy Registrar (Cdn)
- 7 Ag. Resident Auditor

Thank you letter from the Chair of Mathematics



NED University of Engineering & Technology

Department of Mathematics

Dear Professor Sultana N. Nahar
Ohio State University

Subject: Thanks letter for endowment fund

Respected Madam,

I feel immense pleasure in stating that your **Endowment Fund Donation** toward our Department of mathematics NEDUET has been approved by syndicate and will be used as per MOA. The Mathematics department wants to thank you for your noble gesture towards us. We firmly believe that our relation will always get stronger and better. Due to your faith in us, we will be able to serve to our best possible capacity. Your donation will be used for encouragement of the students and the faculty members. In the future we always want your support toward the betterment of the department and we want this relation to prosper and excel.

Your service toward our department will always be acknowledged and you will always be remembered for your contribution.

With Best Regards,

Yours Faithfully,

Prof. Dr. Mirza Mahmood Baig
Chairman Mathematics Department
NED University of Engineering & technology
Karachi, Pakistan



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Professor Sarosh H. Lodi, Vice Chancellor

NED University of Engineering & Technology
VC Office, University Road
Karachi-75270
Pakistan

October 12, 2022

Ref. Sultana N. Nahar and Alburuj R. Rahman Prizes for the faculty members and students in the Department of Mathematics of NED University of Engineering and Technology (NEDUET), Karachi, Pakistan

Dear Vice Chancellor Professor Sarosh H. Lodi,

Assalamu alaikum.

Please find attached the endowment of \$6000, in Cashier's check from Chase Bank, for the above prizes in Mathematics that I am mailing out today. Approval notice of the Syndicate is attached here.

I am also attaching the MOA of guidelines submitted to you in January 2022. Although the prizes have been approved by the Syndicate, I would appreciate very much a proof that the guidelines were also approved. Hence similar to that for Physics prizes, could you please write "Approved", sign and have stamped, next to my signature, on the last page of the MOA document? Then scan the last page and email it to me.

Please acknowledge receipt of the fund.

I would appreciate starting the prizes in 2023.

With best regards and wishes,

Professor Sultana N. Nahar
APS Fellow, BPS Fellow, BAS Fellow

Thank you

hiralodi@neduet.edu.pk <hiralodi@neduet.edu.pk>

Thu 03/11/2022 04:22

To: Nahar, Sultana <nahar.1@osu.edu>

Cc: cdm <cdm@neduet.edu.pk>; S. H. Lodi
<saroshlodi@neduet.edu.pk>

Assalam o Alaikum,

Dear Dr. Sultana,

I hope you are doing great.

Thank you very much for the support for the endowment fund
for the Maths Prize. Your cashier's cheque is well received.

Kind Regards,

Hira



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College of Arts and Sciences

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Professor Sarosh H. Lodi, Vice Chancellor
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Professor Sultana N. Nahar
APS Fellow, BPS Fellow, BAS Fellow



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 - Please cash/deposit this Cashier's Check as soon as possible to prevent this from occurring
 - In most cases, the funds will be considered "abandoned" before the "Void After" Date
- * Placing a Stop Payment on a Cashier's Check
 - Stop Payment can only be placed if the Cashier's Check is lost, stolen, or destroyed
 - We may not re-issue or refund the funds after the stop payment has been placed until 90 days after the original check was issued
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10/11/2022
Void after 7 years

Remitter: SULTANA N NAHAR

\$** 6,000.00 **

Pay To The Order Of: VC PROF SAROSH H. LODI, NEDUET, KARACHI, PAKISTAN

Memo: _____
Note: For information only. Comment has no effect on bank's payment.

Drawer: JPMORGAN CHASE BANK, N.A.
NON NEGOTIABLE

28211107 NEW 0121 881004306
HOLD DOCUMENT AT ANGLE TO VIEW ARTIFICIAL WATERMARK ON BACK

CHASE **CASHIER'S CHECK** 9401513060 25-3 440
Date: 10/11/2022 Void after 7 years

Remitter: SULTANA N NAHAR

Pay To The Order Of: VC PROF SAROSH H. LODI, NEDUET, KARACHI, PAKISTAN

Pay: SIX THOUSAND DOLLARS AND 00 CENTS \$** 6,000.00 **

ENDORSEMENT FOR OR USE WITH OUTSIDE THIS BOX: SULTANA N NAHAR AND AKBUR R. RAHMAN PRIZES IN MATHEMATICS AT NEDUET

Memo: _____
Note: For information only. Comment has no effect on bank's payment.

Drawer: JPMORGAN CHASE BANK, N.A.
Rebecca Griffin
Rebecca Griffin, Chief Administrative Officer
JPMorgan Chase Bank, N.A.
Columbus, OH

⑆ 9401513060⑆ ⑆044000037⑆ 758661318⑆

