



GOVERNMENT OF WEST BENGAL
OFFICE OF THE PRINCIPAL
Maulana Azad College



8, RAFI AHMED KIDWAI ROAD, KOLKATA 700013, INDIA
Phone: 033 2249-3737/2226-7814 e-mail: maulanaazadcollegekolkata@gmail.com

**Report on the activities under MOU for Academic Collaboration between
Maulana Azad College Kolkata and Kanyashree College.**

➤ **Date of Signing the MOU:** 14.06.2023

➤ **Objective:**

Initiate an academic Collaboration between departments of Maulana Azad College and Kanyashree College which would benefit the students and faculty members of both the institutions in their pursuit of academic excellence.

➤ **Target Participants:** Students and faculty members of both Institutions.

➤ **Venue:** Maulana Azad College and Kanyashree College.

➤ **Expected Outcome:**

Students and faculty members of both Institutions will be benefited in terms of their academic pursuit in several areas by organizing joint Seminar/Workshop/Conference, Student exchange programme, Faculty exchange programme etc.

➤ **Recent Activity:** A Workshop on “**Ordinary & Partial Differential Equation**”.

The Department of Mathematics has organized a Workshop on “**Ordinary & Partial Differential Equation**” from 24.06.2023 to 28.06.2023 for the students of Mathematics honours. All the 53 students of Semester-2 & Semester-4 actively participated in this Workshop. The participants enriched by learning the techniques for solving the ODE & PDE using computer programming. In the feedback session the students requested for arranging such Workshop at least two in an academic session.

Principal
Maulana Azad College
Kolkata-13

To

June 19, 2023

The Principal

Maulana Azad College
8, Rafi Ahmed Kidwai Road,
Kolkata 700013.

Sub: Permission for a Workshop on "**Ordinary & Partial Differential Equation**".

Respected Sir,

The Department of Mathematics has decided in the meeting held on 15th June 2023 that a Workshop on "**Ordinary & Partial Differential Equation**" will organize from 24.06.2023 to 28.06.2023. The main objective of this Workshop is to motivate the students for several entrance examinations like JAM, TIFR, CMI, etc.

Dr. Debashis Biswas, Assistant Professor, Department of Mathematics, Calcutta Girls' College and Dr. Bimal Kumar Sett, Assistant Professor, Kanyashree College, Behala are agreed to deliver lectures on the above-mentioned Workshop.

We shall be very grateful if you would kindly give your permission to organize this Workshop.

With Regards


(Somnath Bandyopadhyay)

Head

Department of Mathematics



Maulana Azad College
Department of Mathematics

Workshop on “**Ordinary & Partial Differential Equation**”.

Date: **24th June, 2023**

Tentative programme schedule:

11:00 A.M. to 11.20 A.M.	Enrollment of Participants.
11:20 A.M. to 11:25 A.M.	Inaugural lecture by Principal, Maulana Azad College
11:25 A.M. to 11:30 A.M.	Speech by IQAC Coordinator, Maulana Azad College
11:30 A.M. to 1:00 P.M.	Lecture-1 on Ordinary Differential Equation by Dr. Bimal Kumar Sett.
1:00 P.M. to 1:15 P.M.	Break
1:15 P.M. to 2:45 P.M.	Lecture-1 on Partial Differential Equation by Dr. Debashis Biswas.
2:45 P.M. to 4:45 P.M.	Problem Solving on both topics

Date: **26th June, 2023**

11:00 A.M. to 1:00 P.M.	Lecture-2 on Ordinary Differential Equation by Dr. Bimal Kumar Sett.
1:00 P.M. to 1:15 P.M.	Break
1:15 P.M. to 3:00 P.M.	Lecture-2 on Partial Differential Equation by Dr. Debashis Biswas.
3:00 P.M. to 4:30 P.M.	Problem Solving on both topics.

Date: **27th June, 2023**

11:00 A.M. to 1:00 P.M.	Lecture-3 on Ordinary Differential Equation by Dr. Bimal Kumar Sett.
1:00 P.M. to 1:15 P.M.	Break
1:15 P.M. to 3:00 P.M.	Lecture-3 on Partial Differential Equation by Dr. Debashis Biswas.
3:00 P.M. to 4:30 P.M.	Solution of ODE and PDE using computer programming.

Date: **28th June, 2023**

11:00 A.M. to 12:00 P.M.	Lecture-4 on Ordinary Differential Equation by Dr. Bimal Kumar Sett.
12:00 P.M. to 1:00 P.M.	Lecture-4 on Partial Differential Equation by Dr. Debashis Biswas.
1:00 P.M. to 1:30 P.M.	Break
1:30 P.M. to 2:30 P.M.	MCQ Test on both topics.
2.30 P.M to 3.00 P.M	Feedback from participants.
3.00 P.M to 3.30 P.M	Valedictory Session and Certificate distribution.


Principal
Maulana Azad College
Kolkata-13

Department of Mathematics
Attendance for the Workshop on "Ordinary Partial Differential Equation".

Sl. No.	Name	Signature
1	ABHIJEET SAHA	Abhijeet Saha
2	ANKANA SARKAR	Ankana Sarkar
3	ANKIT DAS	Ankit Das
4	ARCHIRSHMAN ROY	Archirshman Roy
5	BISWAJIT SHEE	Biswajit Shee
6	CHITRITA HAZRA	Chitrita Hazra
7	KISMAT KHANAL	Kismat Khanal
8	KRISHNENDU GHOSH	Krishnendu Ghosh.
9	MD SAFIR UDDIN	Md. Safiruddin.
10	MD ZEESHAN ALAM	Md. Zeeshan Alam
11	MD KAIF ALAM	Md. Kaif Alam.
12	MEGHA MONDAL	Megha Mondal.
13	NABEELA JAHAN	Nabeela Jahan
14	NUR AKTAR JAMIL	Nur Aktar Jamil
15	PALASH KARMAKAR	Palash Karமாகar
16	PREET CHOKHANI	Preet Chokhani
17	RANAJIT GHOSH	Ranajit Ghosh
18	RITAJA GHOSH	Ritaja Ghosh
19	SAMIRAN DAS	Samiran Das
20	SK IMROZ ALI	Sk Imroz Ali.
21	SOMYAJIT SAHA SAHA	Somyajit Saha
22	SRIJAN DAS	S. Das
23	SUBHRO CHAKRABORTY	Subhro Chakraborty.
24	SUVECCHA BHATTACHARYYA	Suveccha Bhattacharyya
25	TANISHA RAJAK	Tanisha Rajak
26	TITLI BISWAS	Titli Biswas

Principal
Maulana Azad College
Kolkata-13

Department of Mathematics
Attendance for the Workshop on "Ordinary Partial Differential Equation".

27	ANIRBAN KARAN	Anirban Karan
28	ARHANA DAS	Arhana Das
29	ARNAB CHHARI	Arnab Chhari
30	MASTURA PARVIN	Mastura Parvin
31	MASUDUZZAMAN GAZI	Masuduzzaman Gazi
32	MASUM YEHANA	Masum Yehana
33	NILAVO ROY	Nilavo Roy
34	NIRMALYA NASKAR	Absent
35	PROMIT BHATTACHARYA	Promit Bhattacharya
36	PUSKAR DAS	Puskar Das
37	RAKHI HAZRA	Rakhi Hazra
38	RANJAN PATRA	Ranjan Patra
39	SAGNIK BEJ	Sagnik Bej
40	SAMUDRA MITRA	Samudra Mitra
41	SAYAN DUTTA	Sayan Dutta
42	SENEPTA YEASMIN GOLDER	Seneptha Yeasmin Golder
43	SHINJAN MUKHERJEE	Shinjan Mukherjee
44	SHRESTHA SATPATHI	Shrestha Satpathi
45	SHREYA BASAK	Shreya Basak
46	SHUBHAJIT GHOSH	Shubhajit Ghosh
47	SK SAID HOSEN	Absent
48	SK SAIDUL ISLAM	Absent
49	SOHEL SK	Sohel SK
50	SOUMYADIP GHOSH	Soumyadip Ghosh
51	SUBHANJAN MAHATA	Subhanjan Mahata
52	SUJAY BANERJEE	Sujay Banerjee
53	SUMIT MANDAL	Sumit Mandal
54	SUNEETH DEBNATH	Suneeth Debnath
55	SUPRATIM MANDAL	Supratim Mandal
56	SUSHOVAN JANA	Sushovan Jana

Principal
Maulana Azad College
Kolkata-13



Dr. Bimal Kumar Sett delivering lecture in the Workshop on “Ordinary & Partial Differential Equation”



MAULANA AZAD COLLEGE
8, Rafi Ahmed Kidwai Road, Taltala, Kolkata 700013.



Certificate of Appreciation
Session : 2022-23

This is to certify thatof
..... has participated
and successfully completed the Workshop on "Ordinary & Partial Differential Equation",
organized by the Department of Mathematics, Maulana Azad College in the period 24.06.2023 to
28.06.2023.

Head
Department of Mathematics

IQAC Coordinator

Principal

Sample Certificate Issued to the Participants



MAULANA AZAD COLLEGE
8, Rafi Ahmed Kidwai Road, Taltala, Kolkata 700013.



Certificate of Appreciation
Session : 2022-23

This is to certify that **Dr. Bimal Kumar Sett**, Assistant Professor, Department of Mathematics,
Kanyashree College, Behala has delivered lectures on Ordinary Differential Equation in the
Workshop on "Ordinary & Partial Differential Equation", organized by the Department of
Mathematics, Maulana Azad College in the period 24.06.2023 to 28.06.2023.

Head
Department of Mathematics

IQAC Coordinator

Principal

Certificate of Speaker Dr. Bimal Kumar Sett.

Principal
Maulana Azad College
Kolkata-13



Office of the Principal

Kanyashree College

556, D. H. Road, Behala, Kolkata - 700034.

Phone : 9830163165

Email : kanyashreecollege@gmail.com

Website : <https://kanyashreecollege.org>

কন্যাশ্রী কলেজ

৫৫৬, ডি. এইচ. রোড, বেহালা, কোলকাতা - ৭০০০৩৪

ফোন : ০৩৩-২৩৯৫ ৮৯০০ / ৯৮৩০১৬৩১৬৫

ইমেইল : kanyashreecollege@gmail.com

ওয়েবসাইট : <https://kanyashreecollege.org>

Memo No. :

Date :

Date: 19.06.2023

To
The Principal
Maulana Azad College
8, Rafi Ahmed Kidwai Road
Kolkata – 700013

From
The Principal
Kanyashree College
677-2, Jadu Colony,
Behala, Kolkata – 700034

Subject: **Faculty Exchange Program under MOU**

Sir,

I wish to draw your kind attention to the fact that our institution appreciates and accepts the proposal of Faculty Exchange Program between Kanyashree College and Maulana Azad College, as outlined in the **Memorandum of Understanding (MOU) signed on 14.06.2023.**

I hereby accord permission and allow **Dr. Bimal Kumar Sett, Associate Professor in Mathematics, Kanyashree College** to take classes every Thursday from July 2023.

Opportune to this context and as a part of this initiative, I request your good self to kindly allow **Dr. Abhishek Dey Assistant Professor in Physics Maulana Azad College** to take classes in our college one day / two days per week from July 2023 for the academic interest of the students until further notification.

Thanking you,
Regards


Principal
Kanyashree College
556, D.H. Road, Behala, Kol-34

Copy forwarded to:

1. IQAC, Knyashree College



पश्चिमबङ्ग पश्चिम बंगाल WEST BENGAL

81AB 340844

Memorandum of Understanding for Academic Co-operation

Between

Maulana Azad College, Kolkata

And

Kanyashree College, Kolkata

Principal, **Maulana Azad College, Kolkata** and Principal, **Kanyashree College, Kolkata** (hereinafter referred to as "Sides") noting the importance of mutual collaborative endeavor to foster student and faculty research, student exchange programmes as well as to practice and promote social outreach initiatives agree for **Academic co-operation** in relevant and interdisciplinary subjects of both Institutes in accordance with terms and conditions set forth in the following paragraphs.

Paragraph 1

Objectives

1. This Memorandum of Understanding (hereinafter referred to as the "MoU") intends to set out the general modalities for initiating an **Academic Collaboration** which is intended to benefit the students and faculty members of both Institutions in their pursuit of academic excellence. Mutual collaboration will be implemented in the following academic activities:

A8. The two institutions shall seek to promote Faculty Exchanges:

- (i) The exchange of faculty to the mutual benefit of both institutions which has been already established as per Govt order for the department of English and Sociology.
- (ii) Collaboration in teaching as required and research in the field of mutual interest specially Computer Science, Economics, Sociology, Mathematics, Geography etc.,

Maulana Azad College
Govt. of West Bengal

KANYASHREE COLLEGE
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Behala: Kolkata

Principal
11.08.2025

- (iii) The exchange of academic materials and publications,
- (iv) Conducting lectures,
- (v) Undertaking joint research-cum Project work
- (vi) Training of staff for purposes of upgrading of teaching and research skills,
- (vii) Participating in seminars, symposiums, and other forms of academic discussions,
- (viii) Co-supervising student dissertations/Projects,
- ix) Capacity building Hands on training for faculty members
- (x) Conducting study tours and joint workshops.

A suitable, mutually agreed upon plan will be worked out for each activity. Terms and conditions for each activity pertaining to such exchanges, including those concerning funding will be worked out between the institutes.

B1. The two Institutes will organize seminars/webinars/conferences/e-conferences/workshops/e-workshops etc. from time to time to disseminate knowledge as well as to promote and foster academic and scientific ambience.

B2. The two Institutes will mutually apply for funding to organize these events and the programmes will be held only after consent from both institutions regarding finalization of funding, duration and schedule of such events.

C1. Both Institutes will also make endeavors from time to time to organize **Social Outreach Programmes and Development of skill based courses** which will involve arrangement of lab visits by school students, dissemination of scientific knowledge to the society through models and scientific lectures as well as other activities as will be deemed fit by both Institutions. Selected students will be groomed by the faculty members for the conduct of these activities.

C2. The cost for the organization of these events will be decided jointly by the two Sides and accordingly either the funding bodies will be approached or both Institutions will bear the cost equally from their internal resources or will be decided by the concerned competent authorities.

D. Initiation of interdisciplinary course and certificate course in the interest of students of the both institute

E. Use of Central Instrumental facilities for collaborative research purpose.

F. Arrangement of Job fair and courses in different programme for entry in to services

Paragraph 3

Arrangement of Funding and Implementation

The agreement is absolutely non-financial in nature and does not involve any monetary transactions between the parties for carrying out the objectives of the MoU.

Principal
Maulana Azad College
Kolkata
Govt. of West Bengal

Principal
KANYASHREE COLLEGE
(Govt. College for Girls)
Behala: Kolkata

11.06.2018

- A) Student and Faculty Exchange Programmes in NEP Perspective.
- B) Joint Organization of Seminars and Conferences and Workshops.
- C) Joint Initiation of Social Outreach Programmes & Skill developmental courses for employability etc.
- D) Initiation and participation of Interdisciplinary courses and add on certificate courses.
- E) Use of Central Instrumental facilities for Research purpose.
- F) Participation in Entry in services & job fair through Placement cell activities

2. This MoU will be carried out within the framework of the respective regulations and guidelines set forth by the two Institutions/the affiliating body of the Institutions.

Paragraph 2

Objective and scope of co-operation

A1. The aim of the **Student Exchange Programme** is to foster i) research culture, ii) ability to think independently and iii) teamwork in order to groom students for their future doctoral studies.

A2. Under student exchange programme, selected students will engage in execution of short term research projects under the guidance of faculty members of the host Institution and these will preferably be carried out during the summer and winter vacations during semester breaks.

However, the mentors of the two Sides will jointly decide the actual duration of the project on a case-by-case basis.

A3. The number of students under this programme shall not exceed maximum 10 per host Institute per academic year.

A4. The host Institute will reserve the right to decide acceptance of students under this programme depending on the recommendation issued from their parent Institute/University as well as their academic performance.

A5. The host Institute will waive fees pertaining to application and entrance into these programmes. However, the students have to arrange their own transportation and accommodation including the cost involved therein as well as bear any incidental charges including food, clothing and medical care. The host Institute may charge an amount pertaining to use of lab facilities including consumables which will be intimated at the time of the commencement of the course and has to be borne by the student.

A6. The host Institute will award certificates to the students upon successful completion of the programme.

A7. Any intellectual property borne out of these projects will be jointly owned by the two parties and the credit for any publication will also be jointly shared by the two Sides.

A8. The two institutions shall seek to promote Faculty Exchanges:

- (i) The exchange of faculty to the mutual benefit of both institutions which has been already established as per Govt order for the department of English and Sociology.
- (ii) Collaboration in teaching as required and research in the field of mutual interest specially Computer Science, Economics, Sociology, Mathematics, Geography etc.,

Maulana Azad College
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 Govt. of West Bengal

KANYASHREE COLLEGE
 (Govt. College for Girls)
 Behala: Kolkata
 Principal
 14.06.2015

Paragraph 4

Dispute Settlement

The Sides will consult together upon request of either side regarding any emergent dispute or debate relating to the terms of this MoU and will endeavor jointly in a spirit of co-operation and mutual trust to resolve the difficulties or misunderstandings involved therein.

Paragraph 5

Amendment

This MoU may be amended by mutual written consent of both Institutes as and according to any emergent need.

Paragraph 6

Effect and Termination

This MoU will remain in effect from 14th June,.....2023 from both Sides for an initial period of three (3) years and will be extended for successive periods of one (1) year, unless either side notifies the other side, in writing, of its intention to terminate this MoU at least three (3) months before the date of expiry of the relevant period. In the event of prior termination of this MoU, all ongoing programmes and/or activities will be implemented as planned unless otherwise agreed between the Sides.

This MOU has been signed with concurrence of the Governing Bodies of **Maulana Azad College** and **Kanyashree College**

Signed by and On Behalf of

Principal
Maulana Azad College
Kolkata
Govt. of West Bengal

Principal
Maulana Azad College
Govt. of WB, Kolkata
Principal
Maulana Azad College
Kolkata
Govt. of West Bengal

Co-Ordinator, IQAC
Maulana Azad College
Govt. of West Bengal
8, R.A. Kidwai Road, Kol.-13
Co-ordinator
IQAC
Maulana Azad College
Govt. of West Bengal
8, R.A. Kidwai Road, Kol.-13

Witnessed by:

1. *Sabirchandra Dey*
Bolt 14.6.23 (Dr. Bimal Kr Sett)

Principal
Kanyashree College
Govt of WB, Kolkata
Principal
KANYASHREE COLLEGE
(Govt. College for Girls)
Behala: Kolkata

Co-Ordinator, IQAC
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Co-ordinator
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556, D. H. Road, Behala