



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
Website: <https://maulanaazadcollegekolkata.ac.in>

Policy Document on Research and Development

Introduction:

The Maulana Azad College, one of the premier colleges in eastern India, affiliated to Calcutta University, nurtures a tradition of holistic education and learning amongst its students beyond textbook inculcating the components of innovation, development of research aptitude and social outreach. In recognition of its untiring effort towards this mission, the college was recognised as a Centre for Potential of Excellence by the University Grants Commission in 2010 and as a STAR College by the Department of Biotechnology, Ministry of Human Resource and Development, Govt. of India in 2017 to promote and foster student research. Presently, the National Education Policy (NEP), 2020 has mandated the inclusion of student research as an integral component of the Higher Education System with a strong emphasis on research, innovation and technology development to strengthen the foundation of Atma-Nirbhar Bharat (Self-reliant India). In accordance to the guidelines of establishment of research and development Cell in Higher Education Institutes as laid down by University Grants Commission under the framework of NEP, 2020, the Research Advisory Council of the college has been constituted. Four separate subcommittees function under the jurisdiction of the Research Advisory Council, namely 1) Finance and Infrastructure 2) Research Program and Policy Development 3) Collaboration and Community and 4) IPR, Legal and ethical matters. The functioning of the Council is governed by a set of policies as elaborated below approved by Co-ordinator, Internal Quality Assurance Cell and Principal, Maulana Azad College.

Objectives:

- Nurture and inculcate research philosophy amongst students through engagement of students in short term research projects, organization of workshops and hands-on-training programmes, peer-talk lecture series as well as student seminars.
- Promote innovation and enterprise amongst the student community for technology development with a simultaneous development of awareness regarding Intellectual Property Rights.
- Promote and augment industry-academia interface for providing a greater exposure and job opportunity to students
- Foster a culture of innovation and entrepreneurship and develop an ambience for start-up activities in the college.
- Enhance research capacity and output through collaboration with Universities and Research institutions to augment research infrastructure and elevate the quality of research.
- Promote Social outreach and community services through research programmes.



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Constitution of the Research Advisory Council

Chairman:

Dr. Dipak Kumar Som, M.Sc., Ph.D.

Associate Professor and Head, Post Graduate Department of Zoology

Director – Research and Developmental Cell

Dr. Biswajit Maity, M.Sc., Ph.D.

Associate Professor, Dept. of Physics

Sub-Committee 1: Finance and Infrastructure

1. Prof. (Dr.) Tapan Kumar Karpha, M.Sc., Ph.D., Professor, Dept. of Chemistry
2. Dr. Sanju Das, M.Sc., Ph.D., Assistant Professor, Dept. of Chemistry
3. Dr. Ajanta Mukherji, M.Sc., Ph.D., Assistant Professor, Dept. of Chemistry
4. Dr. Madhu Sarada, M.Com., Ph.D., Assistant Professor, Dept. of Commerce

Sub-Committee 2: Research Program, Policy Development

1. Dr. Debabrata Mukherjee, M.Sc. Ph.D., Associate Professor and Head, Dept. of Botany
2. Dr. Samudra Prosad Banik, M.Sc. Ph.D., Assistant Professor and Head, Dept. of Microbiology
3. Dr. Abhishek Mukherjee, M.Sc. Ph.D., Assistant Professor, Dept. of Zoology
4. Dr. Debalina Bhattacharya, M.Sc. Ph.D., Assistant Professor, Dept. of Microbiology

Subcommittee 3: Collaboration and Community

1. Dr. Dabir Ahmed, M.A. Ph.D., Associate Professor and Head, Dept. of Urdu
2. Dr. Debaprashad Chatterjee, M.A. Ph.D., Associate Professor, Dept. of Sociology
3. Dr. Sujit Kumar Bhowal, M.Sc. Ph.D., Associate Professor, Dept. of Zoology
4. Dr. Sanjukta Manna, M.Sc. Ph.D., Associate Professor, Dept. of Zoology

Sub-Committee 4: IPR, Legal & Ethical Matters

1. Prof. (Dr.) Santanu Ghosh, M.A., Ph.D., Professor of Economics
2. Dr. Barin Kr. Roy, M.A., Ph.D., Associate Professor, Dept. of Economics
3. Dr. Sanjoy Chattopadhyay, M.Sc. Ph.D., Associate Professor, Dept. of Physics
4. Dr. Mahua Patra, M.A., Ph.D., Assistant Professor, Dept. of Sociology

Scope of the Policy

This policy applies equally to all research activities conducted by the faculty, staff, and students of Maulana Azad College.

The policies adopted by the Research Advisory Council for the functioning of the sub-committees are as follows



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Policy for Finance and Infrastructure Sub-Committee

- The Finance and Infrastructure Subcommittee will ensure financial management, sustainability and growth of the institution keeping in mind the primary objective of instilling in students the philosophy and ambience of research.
- The committee will assist and advise Principal investigators during preparation of budget allocation components for extramural grant applications.
- The committee will oversee the purchase of both consumables and non-consumables sanctioned in the project. However, the decision of the PI will be given a high priority for purchase of specific consumables/instruments related to the implementation of a project.
- The Committee will write proposals to the Government time-to-time seeking funding for purchase of consumables and instruments as well as repairing of key instruments and other related infrastructure.
- The Committee will assist the PI in preparation of the utilization certificate duly certified by the Auditor.

Policy for Research Program Development

- The Committee shall take initiative time to time to appraise the full-time faculty members regarding the different funding agencies of the country and their criteria for funding research projects throughout the year in the different disciplines of Science, Social Science, Language and Humanities. It will also lend all assistance (if needed) in writing the research proposals including plagiarism checking of the final research proposal before submission. In this regard, the committee also spread awareness amongst the faculty members of the science disciplines regarding the project opportunities and other research schemes offered by Indiabioscience.org, an initiative of DBT to promote research among young faculty members.
- Since the college is under the academic and administrative jurisdiction of the University of Calcutta, it does not have a Ph.D. committee of its own. However, the committee will lend the assistance needed by faculty members to register themselves as Ph.D. supervisors at a suitable department under a University commensurate with their discipline of research and also mediate potential collaboration of the concerned teacher of the college with a faculty member from the University who may act as Co-supervisor of the research fellow recruited in the project.
- Recruitment of the fellow in the project (if available) will be strictly governed by the UGC rules and regulations for appointment of research fellow (a minimum of 55% marks at the Masters or Equivalent level with NET/GATE as desirable additional qualification as per the guidelines set by the funding agency. The advertisement regarding recruitment of the project fellow will be published well in advance in print/electronic media as well as in the college website. Recruitment of the fellow will be carried out through the constitution of an interview board duly approved by the funding agency.
- The committee will also monitor proposals received for summer/winter internships for short terms (1.5 to 2 months) from students of other institutions at the college laboratories under the supervision of the faculty members of the college



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Policy Document for Collaboration and Community

- The committee will foster a culture of collaboration and inclusivity, and take active strides towards development of community feeling both within the campus as well as in the localities in the vicinity of the college
- The committee will initiate Memorandum of Understandings with Universities, Institutions, NGOs and Industries to cater for the academic needs of students and faculty members, initiate job-oriented skill based and value-added certificate courses and explore and mediate internship opportunities of the students in industries and institutions.
- The committee will also organize from time-to-time societal outreach programmes in the local community and popular science workshops/laboratory visits for school children.

Policy Document for IPR, Legal and Ethical Matters

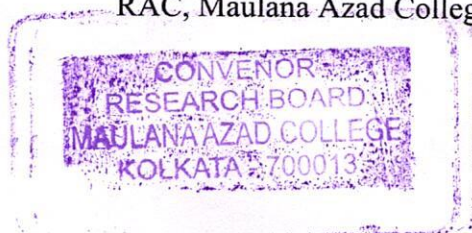
- The primary responsibility of the committee will be to promote awareness about Intellectual Property Rights, ethical conduct and compliance amongst the faculty members as well as the students of Maulana Azad College.
- The committee will also take adequate measures for creation of an incubation hub at the college and organize training sessions and workshops by experts both for students and faculty members regarding all stages of the development of a prototype starting from ideation to patent filing.
- The committee will also establish liaison with the Patent office regarding filing a patent for a newly developed design/prototype in the college and mediate the necessary legal procedures thereafter.
- The committee will also be responsible for formation of the necessary ethical committees (animal/human) for conducting research experimentations.
- The committee will also arrange lectures periodically to promote IPR and its necessity for students and faculty members.

Signature of IQAC Coordinator

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

Signature of Chairman

RAC, Maulana Azad College



Signature of Principal

Maulana Azad College

Principal
Maulana Azad College
Kolkata
Govt. of West Bengal