



# ST. ALOYSIUS' COLLEGE

AUTONOMOUS  
JABALPUR- 482001  
MADHYA PRADESH, INDIA

## CRITERION-6

### GOVERNANCE, LEADERSHIP AND MANAGEMENT

Key Indicator – 6.5.1

Internal Quality Assurance System

8. Critical Thinking  
and  
Creativity



Metric No.: 6.5.1

Quality Assurance Initiatives by IQAC

4 QUALITY  
EDUCATION



Document Name

Research and Development Cell



# ST. ALOYSIUS' COLLEGE

(AUTONOMOUS), JABALPUR(M.P.)

Reaccredited 'A+' Grade by NAAC (CGPA 3.68/4.00)

College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

## Research and Development Cell

### Objectives

- To nurture research culture in the College by promoting research in newly emerging and challenging frontier areas of science, social science, commerce and humanities.
- To prepare and implement a research quality assurance mechanism for ensuring that all research activities of the college conform to standard quality specifications.
- To identify the requirement of budget and funding resources.
- To develop, prescribe and administer rules and procedures to ensure the compliance of all researchers to the research quality assurance framework, the research code and all the applicable rules and regulations.
- To create awareness and opportunities in Research & Development among the faculties and students.
- To create environment among the staff members to take up Research projects and improve their acquaintance, skills and credentials.
- To encourage staff members and students to publish research papers in National and reputed International Conferences/ Journals.
- To identify and inform faculty members, about the appropriate research opportunities announced by different academic, research, industry or government organisations
- To assist for applying the projects offered by agencies such as DRDO, DST, DBT, ICSSR, UGC, etc and getting funds for conducting Seminar/Workshop/FDP on research related issues and intellectual property rights.
- To identify and establish linkages including MOUs for long term relationships with national/international research organisations, industry bodies and individual companies for widening the scope of research opportunities and funding options available to the faculty members and students of the college to involve themselves in real life research projects and obtaining sponsorships.

### Composition-

Composition and members of the R & D Centre

1. Chairperson and Head of the Institution: Dr. Fr. G. Vazhan Arasu

2. Members:

(a) Dr. Kallol Das (Vice Principal)

(b) Dr. Mrs. Anjali Dsouza (Dean, Life Sciences)

(c) Dr. Mrs. Elena Philip (Dean, Arts and Social Sciences)

(d) Dr. Mrs. Nilanjana Pathak (Head, Dept. of English)



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(e) Dr. Mrs. Roopali Ahluwalia (Head, Dept. of Commerce)

3. Nominees from Industrialists:

(a) Mr. Narendra Somaiya (Steelace Industries)

(b) Mr. Pradeep Kumar Chadha (Ankita Trackways Pvt. Ltd.)

4. Nominees from Students:

(a) Ms. Anmol Sidana (PG Student, Science)

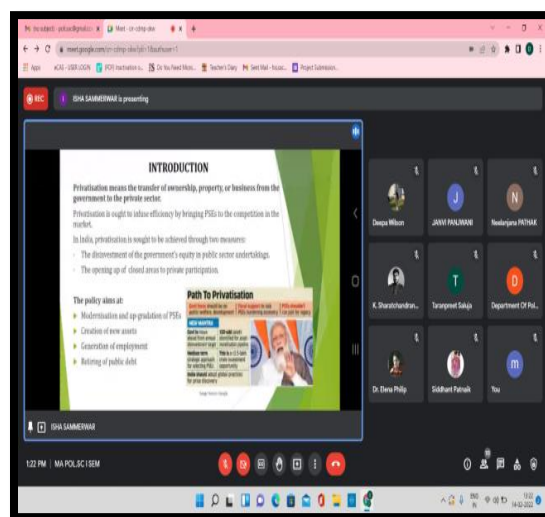
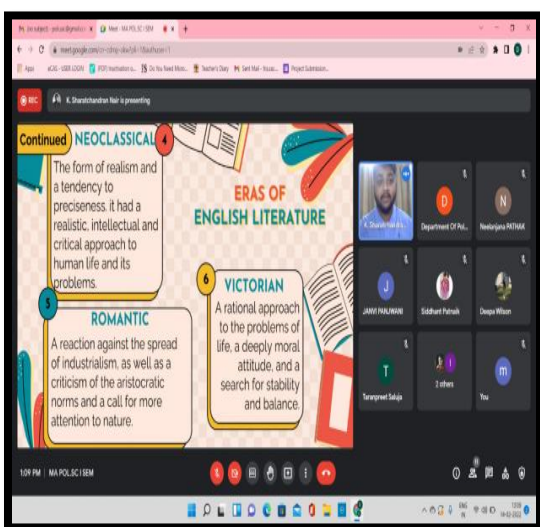
(b) Ms. Shraddha choudhary (PG Students, Social Science)

5. Secretary:

Dr. Manju Gupta (Dept. of Chemistry) Research and development centre may be expanded with the inclusion of more A+ faculty members as per the requirement.

Events-

Online PG student's research presentation was conducted by R&D Cell On 14-15th Feb 2022. There were 26 students (8 students of Physical Sciences, 09 students of Life Sciences, and 9 students of Social Sciences and Commerce) have presented their research/review work in their respective fields.



The Faculty Training Programme on “Academic Research and Capacity Building for Scopus and ISI Indexation” is a promising initiative by R & D cell SAC to strengthen research skills. 20 faculty members have participated in this event. This training Programme aims to improve the writing skills of research paper and review articles. This event is divided into three segments and also gauges systematic progress of each faculty to different levels of writing task. Dr. Gary I. Lilinthal, Professor, Tashkent state university of Law, Uzbekistan, is mentor of this training programme. This is a one year program and commenced on 5<sup>th</sup> March 2021.



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## MoUs

- MOU has been signed with AVENTURA Company Mumbai and DIC, for working on the project of less water IRRIGATION on 14 May, 2022
- MOU has been signed with Jabalpur Incubation Center on 19 Dec, 2019 for further processing of prototypes developed under certificate course organized by DIC.
- MOU has been signed with Gary I. Lilinthal, Professor, Tashkent state university of Law, Uzbekistan in February 2021 for transferring a technology for research expertise, in the field of international research scholarly publications.
- MOU has been signed with Jawaharlal Nehru Krishi Vishwvidyalaya under the scheme “Agripreneurship Orientation Programme” for encouraging the start-up of selected prototype.