

Jesus and Mary College

University of Delhi
Chanakyapuri, New Delhi - 110021

Accredited by NAAC with "A" Grade



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DEPARTMENT OF MATHEMATICS

INTERNAL AUDIT REPORT

2015-16

Observations:

- The Solid Waste Management Project is appreciable as an effort towards spreading environmental consciousness among the students. The Department is encouraged to take up more such endeavors.
- The involvement of faculty in various college affairs is commendable.

Suggestions:

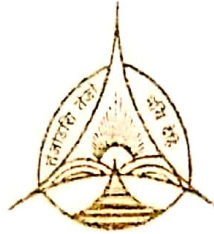
- Efforts should be made to conduct National/International level Seminars, workshops, etc.
- Calendar of activities, department meetings and their minutes should be recorded as a good practice of the department.
- The Department could consider conducting evening programs for Statistics and post graduate entrance exams in future.
- A thorough analysis of 'Student Performance' and 'Learning Outcomes' of the department should be conducted.

Dr. Alka Marwaha

IQAC Co-Ordinator

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DEPARTMENT OF MATHEMATICS

INTERNAL AUDIT REPORT

2016-17

Observations:

- The Department has a good mix of experienced and young faculty members, most of whom hold a doctorate degree from institution of repute. This adds to the academic credentials and builds excellence in teaching learning process.
- An **inter-department paper presentation** competition is organized every year, which encourages students to inculcate inter disciplinary relevance of mathematics.
- Various **seminars and talks** by eminent academicians are organized to develop the interest of students in the subject and encourage them to pursue it further.
- Practical component like **hands-on computer training** of the curriculum makes students aware of real-life applications of the subject, thereby prepares them for industry.
- UGC Seminar on Mathematics and Employability was a very relevant and well attended National Seminar.

Suggestions:

- More Innovative teaching practices can be adopted to popularise math as a discipline among students of other courses, who can opt for mathematics as elective papers.
- The department should encourage research through student teacher partnership.
- Specific skill enhancement workshops and training programmes should be organised to make the students more employable in the job market.

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DEPARTMENT OF MATHEMATICS

INTERNAL AUDIT REPORT

2017-18

Observations:

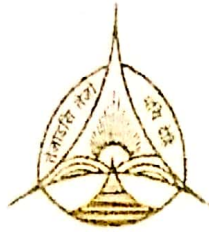
- The Department follows a student centric approach towards teaching learning which makes the students involved in the class room, this is reflected in an impressive student attendance record.
- The faculty are involved in a number of college committees and societies

Suggestions:

- The department should build more robust alumni network so that it can leverage upon their achievements and present them as role models for present and prospective students.
- The department should encourage the faculty and students to be more involved in taking up outreach and community service initiatives.
- The department may deliberate on initiation of new courses.

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DEPARTMENT OF MATHEMATICS

INTERNAL AUDIT REPORT

2018-19

Observations and Suggestions:

- Workshop on Regression Analysis using R Software was a commendable initiative by Dr. Anu Saxena.
- Very Good number of Publications by the department faculty.
- Ms. Sunita Narain attended the Orientation Programme on Management of Skill Development at Higher Education organised by NIEPA. Such FDPs can be usefully employed to start programmes on Life Skills Development for Students in the college.
- The Department has followed a student centric approach towards teaching learning which makes the students involved in the class room. This is reflected in an impressive student attendance record.
- The faculty are involved in a number of college committees and societies.
- The department should build more robust alumni network so that it can leverage upon their achievements and present them as role models for present and prospective students.
- The department should encourage the faculty and students to be more involved in taking up outreach and community service initiatives.
- The department may deliberate on initiation of new courses.
- The last Seminar organised was in 2016. The department should apply for a National/International level Seminar in the upcoming year.
- While there are good number of publications by some faculties, but there are no major/minor research projects.
- It is heartening to see that students are actively taking part in the extension activities like JMCEP and Bapu Dham School Project. Such more projects or Field trips can be organised where mathematical tools can be used to develop models for environmental issues.
- Maintain proper record of student progression on an yearly basis which should include the details of students going for higher education, undertaking competitive exams like CAT/GRE/SLET/NET/GMAT, etc along with their certificates and their employment details with name of employer and pay package.
- Proper documentation of the meetings with the students under the mentorship program to be maintained.
- It is heartening to see the mentorship programme being observed unscrupulously by the department.

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- Maintain proper reports (with list of students and Geo-Tagged photos) of all projects, field trips, internships/ any other social extension activity.

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