

LOYOLA COLLEGE, KUNKURI
Dist. – Jashpur (C.G.)
Department of Mathematics
Session- 2016- 17

Annual Report: Department of Mathematics

Mission:

- Upholding the subject of mathematics strives for all human beings.
- The global center of learning, academic excellence, and innovative research work.

Vision:

- To provide quality mathematics education and the inculcating the spirit of research through innovative teaching and research methodologies.
- To achieve high standards of excellence in generating and propagating knowledge in Mathematics. Department is committed to providing an education that combines rigorous academics with joy of discovery.
- To provide an environment where students can learn, become competent users of mathematics, and understand the use of mathematics in the disciplines.
- To generate any other formulae and thesis to research.

A Brief Note on Department of Mathematics: It was established in the year 2005 with an ambition to pursue high level of teaching theory and current research papers. Presently the Department of Mathematics supports undergraduate program with qualified, experienced, energetic faculty members who are passionate about teaching profession. This department is well equipped with extra-infrastructure. The department is receiving the Mathematics Journals which are kept in the Library for student's reference.

a. Strength:

- We strive for excellence in all our academic pursuits.
- We are committed to innovation in our teaching research and outreach to our communities.
- We commit to continuous self-improvement to achieve excellence in all our endeavors.
- We conduct various activities in every academic year to excel our students.

b. Student Forces: We are committed to fostering the professional and personal growth of all students and our fellow colleagues by promoting lifelong learning with development in the future

c. Public Engagement: Department commits to working for public problem with collaboration and our colleagues in education, University and public communities. We strive to improve education and the quality of life for all to ensure a better future for all.

1. Name of Department : Mathematics
2. Number of Staff : 02
3. Faculty members (1) Dr. Telesphor Lakra (Vice-Principal)
(2) Dr. D.D. Prasad (HOD)
4. Faculty Profile:

S.No.	Name of Faculty	Qualification	Teaching Experience	Allotted Classes
1	Dr. Telesphor Lakra (Vice-Principal)	M.Sc., M.phil. Ph.D.	16	B.Sc.I/II/III
2	Dr. D. D .Prasad (HOD)	M.Sc., Ph.D.	14	B.Sc. I/II/III B.C.A. I/II/III B.Com. I

5. Degree Course

Course	Course Code/Paper	Subject
B.Sc. I	22M/First Paper	Algebra & Trigonometry
	22M/Second Paper	Calculus
	22M/Third Paper	Vector Geometry
B.Sc. II	22M/First Paper	Advance Calculus
	22M/Second Paper	Differential Equation
	22M/Third Paper	Mechanics
B.Sc. III	22M/First Paper	Real Analysis
	22M/Second Paper	Abstract Algebra
	22M/Third Paper	Numerical Analysis
B.C.A I	Paper I	Discreat mathematics
	Paper II	Calculus
	Paper III	Introductory Electronics
B.C.A. II	Paper I	Numerical Analysis
	Paper II	Differential and integration
	Paper III	Data Structure
B.C.A. III	Paper I	Calculus and geometry
	Paper II	Differential Equation & Fourier series
	Paper III	Complementary Architecture

- **Total number of students in this session**
 - **No. of students in B.Sc. I = 56**
 - **No. of students in B.Sc. II = 61**
 - **No. of students in B.Sc. III = 32**
 - **No. of books in mathematics = 562**

6. Time-Table

TIME/DAY	9:30 -10:10	10:15 -10:55	11:05 -11:45	11:50 -12:30	12: 30 - 1:10	1:15 -1:55	2:00 -2:40
MONDAY	B.Sc.- I (DD) BCA - I (N.S.)	B.Sc.- II (TL)	BCA - II (D.D.)	B.Sc.- III (N.S.)	LUNCH	B.Sc.- II (DD) B.Com. I(N.S.)	B.Sc.- II (DD)
TUESDAY	B.Sc.- I (TL)	B.Sc.- III(DD) B.Com.I (N.S.)	BCA - III (N.S.)	B.Sc.- II (DD)	LUNCH	B.Sc.- I (NK)	B.Sc.- I (NK)
WEDNESDAY	B.Sc.- I (TL) BCA - II (N.S.)	B.Sc.- III (DD) BCA - I (N.S.)	BCA - II(N.S.)	B.Sc.- I (N.K.)	LUNCH	B.Sc.- III (TL) B.Com. I(N.S.)	B.Sc.- III(TL)
THURSDAY	B.Sc.- I (N.S.) BCA - III (N.S.)	B.Sc.- III (DD)	B.Sc.- II (DD)	BCA - III (N.S.)	LUNCH	B.Sc.- I (DD) BCA - II (N.S.)	B.Sc.- I (DD) B.Com. I(N.S.)
FRIDAY	B.Sc.- II (DD) BCA - I (N.S.)	B.Sc.- I (TL) BCA - III (DD)	B.Sc.- III(DD) B.Com. I(N.S.)		LUNCH	B.Sc.- II (N.S.)	B.Sc.- II (N.S.)
SATURDAY	B.Sc.- III (DD) BCA - I (N.S.)	B.Sc.- III (DD) B.Sc.- II (N.S.)		BCA - III (N.S.)	LUNCH	B.Com. I(N.S.)	B.Sc.- I (DD)

7. Monthly Unit Test Time-table:

Unit test	Class	Date
First Unit Test	B.Sc. - I	08 Aug 2016
	B. Sc.- II	09 Aug 2016
	B.Sc. - III	11Aug 2016
Second Unit Test	B.Sc. - I	19 Sep 2016
	B. Sc.- II	20 Sep 2016
	B.Sc. -III	21 Sep 2016
Third Unit Test	B.Sc. - I	18 Oct 2016
	B. Sc.- II	19Oct 2016
	B.Sc. -III	20 Oct 2016
Fourth Unit Test	B.Sc. - I	21 Nov 2016
	B. Sc.- II	22 Nov 2016
	B.Sc. -III	23Nov 2016
Fifth Unit Test	B.Sc. - I	14 Dec 2016
	B. Sc.- II	15 Dec 2016
	B.Sc. -III	16 Dec 2016

8. Activities/Workshop/Seminar:

	Date	Activity	Details
1. Activities conducted	06-07-2016	Staff meeting	Meeting with Dr. Oscar S. Tirkey (Principal)
	21 st July 2016 to Jan 2017	Teaching and Unit-wise Test and CET	The Dept. conducted Unit-test for all students (1 st , 2 nd & 3 rd year students)
	September	Quiz competition	Deptt. of Maths organized the quiz competition
	September 07, 2016	Teacher's Day	CS students organized the program for teacher's day
	December	Mini-project and model in poster	For all students of B.Sc. CS/Maths. Prepared their project like Jantar-Mantar Delhi.
2. Workshop/ conference	December	Educational tour	Department visited the "BENE DAM" as education tour
	January-2017	Model examination	Department organized model examination for all CS just before the University Exams.
Workshop/ conference	February 2017	Remedial classes	Department organized remedial classes for all students
	Dec. 2017	Preparing project	Collaboration with Computer / Mathematics.
	16 th Jan 2017 to 31 st Jan. 2017	Model Exam conducted by exam committee of Loyola college, kunkuri.	The result of Model exam had been declared by Department of Mathematics.

9. Class room seminar taken by Department:-



10. Students Achievements:

(a) **Akash Gupta** and group of B.Sc. 1st year Computer Science students were given away the first prizes for the good model presentation organized by the Dept. of Mathematics on Dec.2016.

(b) **Archana Behra** got prize for the 100% attendance from the Department of Mathematics.

11. Department of Mathematics visited Hydro Project at “ **BENE DAM** ”



12. Student of mathematics Department gave suggestions and encouraged the student of 10th and 12th class for the upcoming Board examination.



