

LOYOLA COLLEGE, KUNKURI
Dist.- Jashpur (C.G.)
Department of Mathematics
Session- 2017-18

Annual Report: Department of Mathematics

Mission:

- To be a leading Mathematics Department in the country.
- To emerge as a global center of learning, academic excellence, and innovative research work.

Vision:

- Imparting of 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.

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.

- **Name of Department** : **Mathematics**
- **Number of Staff** : **03**
- **Faculty members** (1) **Dr. Telesphor Lakra (Principal)**
(2) **Dr. D.D. Prasad (HOD)**
(3) **Mr. Niteesh kumar Shrama**

➤ **Faculty Profile:**

S.No.	Name of Faculty	Qualification	Teaching Experience	Allotted Classes
1	Dr. Telesphor Lakra (Principal)	M.Sc., M.Phil. Ph.D.	15	B.Sc.I/II/III
2	Dr. D.D.Prasad (HOD)	M.Sc., Ph.D.	13	B.Sc. I/II/III B.C.A.I/II/III B.Com.I
3	Mr. Niteesh kumar Shrama	M.Sc.,B.Ed.	2	B.Sc. I/II/III B.C.A.I/II/III B.Com.II

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	Discrete Mathematics
	Paper II	Calculus
	Paper III	Introductory Electronics
BCA II	Paper I	Numerical Analysis
	Paper II	Differential and integration
	Paper III	Data Structure
BCA III	Paper I	Calculus and geometry
	Paper II	Differential Equation & Fourier series
	Paper III	Complementary Architecture
B.Com I	Paper II	Business Mathematics

- No. of students in B.Sc. I = 82
- No. of students in B.Sc. II = 57
- No. of students in B.Sc. III = 36
- No of books for Mathematics = 562

Time – Table 2017-18

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	2:40 -3:20
MON	B.Sc.- III (DD) BCA - I (N.S.)	B.Sc.- III (DD)	BCA - II(N.S.)	B.Sc.- II(N.S.)	LUNCH	B.Sc.- III (N.G.) B.Com. I(N.S.)	B.Sc.- II (DD)	B.Sc.- III (N.G.)
TUE	B.Sc.- I (N.G.)	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)	B.Sc.- II (DD)
WED	B.Sc.- I (N.S.) BCA - III (N.S.)	B.Sc.- III (DD) BCA - I (N.S.)	B.Sc.- III(DD) B.Com. I(N.S.)	B.Sc.- I (N.K.)	LUNCH	B.Sc.- II (DD)	B.Sc.- III(N.G.)	BCA - II (N.S.)
THU	B.Sc.- I (N.G.) BCA - II (N.S.)	B.Sc.- II (N.G.)	B.Sc.- II (DD)	BCA - III (N.S.)	LUNCH	B.Sc.- II (N.S.)	B.Sc.- I (DD) B.Com. I(N.S.)	BCA - I (N.S.)
FRIDAY	B.Sc.- II (DD) BCA - I (N.S.)	B.Sc.- I (N.G.) BCA - III (DD)	B.Com. I(N.S.)		LUNCH	B.Sc.- I (DD) BCA - II (N.S.)	B.Sc.- II (N.S.)	
SAT	B.Sc.- I (DD) BCA - (N.S.)	B.Sc.- III (DD) B.Sc.- II (N.S.)	BCA - II (D.D.)	BCA - III (N.S.)	LUNCH	B.Com. I(N.S.)	B.Sc.- I (DD)	Extra Class

1. Dr. D.D. Prasad
2. Mr. Niteesh kumar Sharma
3. Mr. Nitesh Gupta

Students Participation/Activities/Workshop/Seminar:

S.No.	Date	Activity	Details
1.	7 th July 2017	Principal addressed to B.Sc.Ist year	Orientation program for B.Sc First year was addressed by Dr. Telesphor Lakra
2.	July 2017 to January 2018	Monthly Unit Test	Department conducted Unit Test for B.Sc. I/II/III students.
		Class wise Seminar	Topic wise seminar conducted for students in the presence of Teaching staff by Department of Mathematics
		Model Examination	Department conducted model examination for B.Sc. I/II/III students and B.C.A. I/II before their University Annual Examination 2018
	February 2018	Result declared	Loyola College declared the result of Model examination.

6. International Paper Published :-

- Dr. Telesphor Lakra, FUZZY NON – DETERMINISTIC STATE FORMATION ON INTERNATIONAL JOURNALS, PUBLISHED IN YEAR 2018.

7. Attendance Counting:

- The first attendance counting on Oct.2017 dispatched to the Sant Gahira Guru University, Ambikapur.
- Second attendance counting on 15th Feb.2018 dispatched to the University, Ambikapur.

8. Students Achievements:

- Results of B.Sc.I/II/II were very good performance in the University level. Many students got distinction marks.
- Result of Model examination 2018 declared on 4th Feb. 2018.

9. Orientation Program:

- Fr. Satya Prakash Tigga and Dr. Pancratius Toppo conducted an orientation program for all Staff members. It was done before the academic session started on 1st July 2017.
- An orientation program was arranged for B.Sc. Ist year for two days and it was given by the different staff members and also introduced them their departments.
- Department organized to give guidelines for upcoming annual examination for Ist year students on 04-07-2017 by the staff members.

10. Institution Highlights:

1. The beginning of Academic session 2017-18, Spoken English classes were given by the Management members for First year students for three months in order to excel their English language as well as they can understand their subjects better.
2. Result of Unit Test 2017-18 was declared in the department. Professors were asked to remind the students that they should study hard for the forth coming annual examination.



3. Parent's Day cum Annual function day 2017-18 organized by the Department of Mathematics. Professors met parents who participated the Annual function day. Students of Mathematics participated in various events like dance, skits, quiz competition, etc.



4. Outreach program initiated in the department to go and visit the family members especially for those students who were not coming to the college.
5. Educational tour was organized by the department to improve their knowledge and open their mind and heart outside of the college environment.
6. Professors were very much keen to pay attention to the weaker students who were not able to grasp the subjects. They were given extra classes out off class hour. Students were very interested to cooperate with teachers.
7. The department always encouraged to make project/ model to enhance their skills.
8. Mentoring classed continued on every Saturday.

11. . Orientation Program :-

- a. Departments organized orientation program for First year on 04.07.2017 by Dr. Telesphor Lakra and HOD of mathematics department .
- b. Student of mathematics department being a part of Clean Bharat.



c. Annual Functions are organized by Cultural Committee and Dept. Of mathematics of Loyola college, Kunkuri dated on Dec. 2018.

