

LOYOLA COLLEGE, KUNKURI
Dist. Jashpur , C.G.
Department of Mathematics
Session- 2018-19

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.

1. Name of Department : Mathematics

2. Number of Staff : 03

3. Faculty members (1) **Dr. Telesphor Lakra (Principal)**
 (2) **Dr. D.D. Prasad (HOD)**
 (3) **Asst. Prof. Niteesh Shrama**

4. 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 Shrama	M.Sc. ,B.Ed.	2	B.Sc. I/II/III B.C.A.I/II/III B.Com.II

1. 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

- **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**
- **Each paper contains Five Units with numerical 50/5 to the subject. Syllabus is approved by Sarguja University, Ambikapur, C.G. The annual examination is conducted by the University once a year.**

2. Students Participation/Activities/Workshop/Seminar:

S.No.	Date	Activity	Details
1	9 th July 2018	Principal addressed to B.Sc.Ist year	Orientation program for B.Sc, First year addressed by Dr. Telesphor Lakra
2	July 2018 to January 2019	Unit Test	Department conducted Unit Test for B.Sc. I/II/III students.
3	Oct. 2018 to Dec. 2018	Workshop/Seminar	Topic wise seminar for students in the presence of Teaching staff by Department of Mathematics
4	Dec. 2018	Education tour	Students visited to Air Craft and Marine Drive Court with teaching staff.

5. Time-table for academic session 2018-2019:

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)

1. Workshop/Seminar/Conference/Webinar

- Dr. Telesphor Lakra** participated two days JHESA Conference organized by St. Xavier's College (Autonomous) Kolkata dated on 6-7 October 2019.
- Dr. D.D. Prasad** participated in "National Seminar" organized by Marwari College Ranchi, Jharkand on September 2018.

2. Students Achievements:

- Results of B.Sc. I/II/III were very good performance in the University level. Many students got distinction marks.

3. Orientation Program:

1. **Dr. Telesphor Lakra, Principal** conducted an orientation program for Staff members on Skill Development under the guidance of Sant Gahira Guru University, Ambikapur.



2. Career guidance for Higher Secondary School from different School.



4. Institution Highlights:

1. The beginning of Academic session 2018-19, 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.

Monthly Unit Test Time-table:

Unit test	Class	Date
First Unit Test	B.Sc. - I	08 Aug 2018
	B. Sc.- II	09 Aug 2018
	B.Sc. - III	11Aug 2018
Second Unit Test	B.Sc. - I	06 Sep 2018
	B. Sc.- II	07 Sep 2018
	B.Sc. -III	08 Sep 2018
Third Unit Test	B.Sc. - I	05 Oct 2018
	B. Sc.- II	06 Oct 2018
	B.Sc. -III	08 Oct 2018
Fourth Unit Test	B.Sc. - I	13 Nov 2018
	B. Sc.- II	14 Nov 2018
	B.Sc. -III	015Nov 2018
Fifth Unit Test	B.Sc. - I	04 Dec2018
	B. Sc.- II	05 Dec 2018
	B.Sc. -III	06 Dec 2018

2. Result of Unit Test 2018 declared in the department. Professors were asked to remind students that they should study hard for the forth coming annual examination 2018.

Name of Students	Subject	First Test 50	Second Test 50	Third Test 50	Fourth Test 50	Fifth Test 50	Total 250
Nancy lakra	Math	43	33	29	20	40	165
Neha minj	Math	22	43	20	-	-	85
Monika Gupta	Math	29	-	20	29	-	78
Akash Gupta	Math	34	29	29	21	29	142
Shruti Pathak	Math	24	-	-	29	-	53
AswaniMishra	Math	33	29	43	22	43	170
Vishek Sahu	Math	41	-	22	22	-	85
Dipak Gupta	math	43	33	20	32	29	157
Subham More	Math	43	27	24	29	-	123
Md. Sami	Math	20	29	20	-	43	112
Ashish Misra	Math	29	-	24	12	22	87
Nelson kujur	Math	20	22	43	12	-	97
Ashish soni	Math	29	17	22	-	29	79
Rupesh kumar	Math	43	-	43	19	-	105
Ajay soni	Math	21	21	20	29	-	91
Eurika singh	Math	24	27	28	22	30	131
Richal Lakra	Math	43	37	-	-	43	123
Firoz sai	Math	25	27	43	-	43	138
Ajeet kumar	Math	28	22	-	29	23	102

Usha Rana	Math	27	29	29	25	30	140
Sadhna	Math	19	28	43	27	29	146
Rupesh	Math	43	25	-	29	29	126
Gopal	Math	43	21	43	-	30	137
Ankur toppo	Math	24	20	-	22	-	66
Raveena Mishra	Math	29	21	22	-	-	72
Ajeet kumar	Math	28	29	24	29	22	132

3. Parent's Day cum Annual function day 2018 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 cope with the teachers.
7. The department always encouraged to make project/ model to enhance their skills.

8. Mentoring class continued on every Saturday.



9. Student of mathematics Department visited “ **ANDHRA UNIVERSITY**”.



10. Principal addressed to students on the occasion of “ **YOUTH DAY**”

