

LOYOLA COLLEGE, KUNKURI
Dist. Jashpur (C.G.)
Department of Mathematics
Session- 2019-20

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 (Vice-Principal)**
 (2) **Dr. D.D. Prasad (HOD)**
 (3) **Mr. Niteesh kumar Shrama**

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
3	Mr. Niteesh Shrama	M.Sc.,B.Ed.	3	B.Sc. I/II/III B.C.A.I/II/III B.Com.II

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	Discrete Mathematics
B.C.A I	Paper I	Discrete 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
B.com I	Paper II	Business Mathematics

- No. of students in B.Sc. I = 60
- No. of students in B.Sc. II = 57
- No. of students in B.Sc. III = 27

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
MON	B.Sc.- I (DD)	B.Sc.- II (N.k.)	BCA - II (D.D.)	B.Sc.- III (T.L.)	LUNCH	B.Sc.- II (DD) B.Com. I(N.S.)	B.Sc.- II (DD)
TUE	B.Sc.- I(N.K.)	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)
WED	B.Sc.- I (N.K.) BCA - II (D.D.)	B.Sc.- III (DD) BCA - I (N.K.)	BCA - II(N.K.)	B.Sc.- I (D.D.)	LUNCH	B.Sc.- III (T.L.) B.Com. I(N.S.)	B.Sc.- III(D.D.)
THU	B.Sc.- I (N.S.) BCA - II (D.D.)	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.)
FRI	B.Sc.- II (DD) BCA - I (N.S.)	B.Sc.- I (N.K.) BCA - III (DD)	B.Sc.- III(T.L.) B.Com. I(N.S.)		LUNCH	B.Sc.- II (N.K.)	B.Sc.- II(N.K.) BCA - II (D.D.)
SAT	B.Sc.- III (DD) BCA - I (N.S.)	B.Sc.- III (DD) B.Sc.- II (N.S.)		B.Sc.- I (T.L.) BCA - III (N.S.)	LUNCH	B.Com. I(N.S.)	

7. Session Activities :

Activities conducted	Date	Activity	Details
	25.06.2019	Staff meeting	Meeting with Dr. Oscar S. Tirkey (Principal)
	01.07.2019 to Jan.2020	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	Department of Maths organized the quiz competition
	September 07, 2019	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 Big-Ban, jordar manister
	December	Educational tour	Department visited the "Mayali Dam" as education tour
	January-2020	Model examination	Department organized model examination for all CS just before the University Exams.
	February 2020	Remedial classes	Department organized remedial classes for weak students
	March 2020	Annual Examination	

8. Workshop/Seminar/Conference/Webinar

1. **Dr. D.D. Prasad** participated one day National webinar organized by A.N. College, Patna, Bihar dated on June 2019.
2. **Dr. Telesphor Lakra** participated two days JHESA Conference organized by St. Xavier's College (Autonomous) Kolkata dated on 6-7 October 2019.

9. Students Achievements:

1. **Mr. Ravikant Manik, Saurabh Chauhan** and group of B.Sc. 2nd year Computer Science students were given away the first prizes for the good model presentation organized by the Dept. of Mathematics on Dec.2019.
2. **Shagil Abid, Elvin Minj, Vikash Beck and Vishnu Chouhan** of B.Sc. 2nd year CS students got the Certificate in "Football Tournament" held on Feb.2020.

10. Orientation Program:

1. **Dr. Telesphor Lakra (Principal)** conducted an orientation program on "Skill Development Scheme" under the guidance of S.G.G. University on Sept.2019.

11. Institution Highlights:

1. **Sunit Bara, B.Sc.IInd year student** participated in "NSS REPUBLIC DAY PARADE CAMP 2020" New Delhi. The institution highly appreciated him and wished him for future endeavor.

It is a picture of meeting with our Honorable Governor Anusuiya Uikay.



2. **Ravikant Manik, Saurabh Chouhan** and group of B.Sc. 2nd year Computer Science students were given away the first prizes for the good model presentation. The first prize was presented by the Chief Guest, Mr. Anil Prasad CRPF, Jashpur.



3. An Orientation on “Skill Development Scheme” was given by Dr. Oscar S. Tirkey, Principal.



4. Educational Tour in XIMB Bhubaneswar on 18th Dec. 2019.



5. “Water Project”: Students visited the Hirakund Dam to know value of water and to experience its power supply in the month of Dec. 2019.



6. Dr. Vinod Ekka, Registrar of Sant Gahira Guru University, Ambikapur gave an inspirational talk for all Staff members.

“Motivational Talk” by Registrar of Sant Gahira Guru university
Mr. Vinod Kumar Ekka.



7. Nikesh Kumar, student of B.C.A-II was taking seminar on the topic Algorithm intelligence .

