



# LOYOLA COLLEGE (AUTONOMOUS), CHENNAI-34

## DEPARTMENT OF MATHEMATICS



### A REPORT ON

### **STUDENT INDUCTION PROGRAMME (2025-2026)**

### **(FOR I B.Sc. MATHEMATICS)**

### **(23 June 2025 – 25 June 2025)**

## Objective

To acquaint students with the college's legacy, departmental objectives, institutional norms, available resources, and to facilitate their shift from school to college-level learning.

## Summary

The student induction programme (SIP) was organized for the first-year students of B.Sc. Mathematics programme (2025-2028 batch) from 23<sup>rd</sup> June to 25<sup>th</sup> June 2025 in all the five hours, in the college in two phases one with college level and one with department level. As part of the orientation program for first-year students, a two-tier introduction was conducted to acquaint them with the institution and their respective departments.

At the college level, the officials addressed all first-year students across departments, highlighting the rich history of the institution, the vision and dedication of the Jesuit fathers in building its legacy through education and service, and the contributions of the founding forefathers. Students were also briefed on the various service schemes available, the rules and regulations to be followed, and the values upheld by the institution.

In the department-level orientation conducted by the Department of Mathematics, students were introduced to the history and academic vision of the department. Faculty members presented their portfolios and informed the students about the general code of conduct, discipline expected within the department, and the wide range of opportunities available in the field of mathematics.

The detailed schedule and content of the sessions conducted are provided below:

### **Day-1 (23 June 2025)**

- The inaugural function commenced with a prayer service organized by the Loyola Campus Mission. The service and blessings were led by Rev. Dr. S. Maria Packiam SJ, Director of the Campus Mission. Students, along with their parents, actively took part in the service.
- Rev. Dr. A. Louis Arockiaraj SJ, the Principal, extended his greetings to the gathering and, in his address, highlighted Loyola's rich history and significant milestones over the years. He also shared the college's notable achievements, introduced college officials, and congratulated the students on embarking on their academic journey at Loyola.
- Rev. Dr. D. Thomas Alexander SJ, the newly appointed Secretary and Correspondent, welcomed students and parents and thanked them for choosing Loyola. He emphasized the importance of upholding Loyola's core values and encouraged dedication and active participation for holistic development.
- Mr. L. Joseph Arockiasamy, the newly appointed Deputy Principal, welcomed the first-year students and shared his experiences as a long-time professor at Loyola.

- Following the inaugural session, a presentation on the Legacy of Loyola was delivered. Officials briefed the students on the various rules and regulations expected to be followed as members of the Loyola community.
- An additional session focused on introducing the various opportunities and facilities available at Loyola College to support student growth, with special emphasis on the Loyola Students Support Service (LSSS).
- Following the general orientation, students proceeded to their respective departments. The I B.Sc. Mathematics students reported to the Department of Mathematics, where they received a department-level orientation.
- Dr. D. Florence Isido, Head of the Department, warmly welcomed the newcomers and encouraged them to develop a strong understanding of mathematics. She emphasized the importance of learning mathematics for acquiring new skills and knowledge. She also briefed the freshers on the general rules and regulations to be followed within the department.
- Prof. J. Maria Roy Felix shared with the students the history of the department, its rich heritage, and the significant contributions made by Loyola's Mathematics Department to the field of mathematics.
- The first day concluded with a campus tour, during which students were introduced to key buildings on campus, such as the Central Library, Jubilee Building, Administrative Block, Main Building, Students' Common Room, LSSS Office, and more.

Date	Hour	Venue	Topic	Handled by
23.06.2025 <b>Monday</b> (Day order 1)	1	Bertram Hall	Inaugural and Prayer service	College officials
	2		Legacy of Loyola & Rules and regulations	
	3		General orientation (Deans/LSSS/LCC)	
	4	Fr. Vion Smart Room JF 24	(Department orientation) General instructions History of the department	Dr. D. Florence Isido Mr. J. Maria Roy Felix
	5	Campus tour		Dr. S. Iruthaya Raj Dr. S. Roseline Mary

#### **Day-2 (24 June 2025)**

- On the second day of the induction programme, a streaming test for the General English course was conducted through both written and oral assessments. Based on their performance, students will be placed into one of three streams: Literary English, Intermediary English, or Communicative English.
- After the break, a session titled 'General Ethics & Code of Conduct' was conducted for all first-year students in Bertram Hall. Dr. M. Gautaman, the Vice Principal for Administration (Shift-I), addressed the gathering. In his talk, he emphasized Loyola's academic excellence and its commitment to the principle of inclusion, which benefits marginalized communities, including the poor, Dalits, and the underprivileged. He also highlighted the importance of student behavior, stressing the need to uphold general ethics and the code of conduct.

- During the fifth hour, students attended the department-level orientation. Dr. M. Chris Monica presented an overview of the various infrastructure facilities available on campus. She also explained the procedure for applying for leave and outlined the rules and regulations related to different types of leave, including Medical Leave (ML) and On-Duty Leave (OD). Additionally, she highlighted several campus facilities accessible to students.
- Dr. D. Francis Xavier, an extended IQAC member associated with the Department of Mathematics, spoke about the activities carried out by the IQAC to showcase the college's academic achievements. He also gave a briefing on the club activities in which each first-year student is expected to participate.
- The final session focused on the curriculum of the B.Sc. Mathematics programme under the Learning Outcome-Based Curriculum Framework (LOCF). Dr. M. Arockiaraj explained the rationale behind the adoption of this framework and illustrated its importance with relevant examples.

Date	Hour	Venue	Topic	Handled by
24.06.2025 <b>Tuesday</b> (Day order 2)	1	JF 18	English Streaming Test (Written and Oral tests)	Ms. J. Julia Pradeepa Dr. S. Iruthaya Raj
	2			
	3			
	4	Bertram Hall	General Ethics & Code of Conduct	Dr. M. Gautaman (Vice Principal)
	5	Fr. Vion Smart Room JF 24	(Department orientation) Infrastructure Loyola Student Clubs LOCF curriculum	Dr. M. Chris Monica Dr. D. Francis Xavier Dr. M. Arockiaraj

### **Day-3 (25 June 2025)**

- Following the general orientation in Bertram Hall, the fifth hour of Day 3 was dedicated to the department-level orientation. Dr. M. Peter, President of the Loyola Mathematics Association (LMA), highlighted the association's activities from the previous year, including participation in events within and outside Loyola, as well as achievements in sports.
- The next session, led by Dr. S. Little Joice, emphasized the importance of learning mathematics in today's world of AI and technology. Through inspiring stories, she motivated students to approach mathematics with hope, confidence, and dedication.
- Finally, Dr. S. Iruthaya Raj, the anchor staff, summarized the events of the Student Induction Programme and encouraged the freshers to enhance their knowledge and skills at Loyola. He also gave general instructions as students prepared to begin regular classes the following day.

Date	Hour	Venue	Topic	Handled by
25.06.2025 <b>Wednesday</b> (Day order 3)	1	Bertram Hall	Career Scope Smart Scholars Break Free Skill Scape	Outside Speakers
	2			
	3			
	4			
	5	Fr. Vion Smart Room JF 24	(Department orientation) Loyola Mathematics Association Motivation to mathematics	Dr. M. Peter Dr. S. Little Joice Dr. S. Iruthaya Raj

## Photo Gallery



Greetings and welcome note - Dr. Florence Isido (HoD)



History of the Department - Prof. J. Maria Roy Felix



Students (Day-1)



Infrastructure – Dr. M. Chris Monica



IOAC & Loyola Student Clubs – Dr. D. Francis Xavier



LOCF Curriculum – Dr. M. Arockiaraj



Students (Day-2)



LMA Activities – Dr. M. Peter



Motivation to Mathematics – Dr. S. Little Joice



Anchor – Dr. S. Iruthaya Raj



Students (Day-3)



Students (Day-3)

## Faculty members

- |                               |  |
|-------------------------------|--|
| 1. Dr. D. Florence Isido      | (Head of the Department)               |
| 2. Dr. D. Antony Xavier       |  |
| 3. Mr. J. Maria Roy Felix     |  |
| 4. Dr. M. Arockiaraj          |  |
| 5. Dr. M. Chris Monica        | (Class Faculty, I M.Sc. Mathematics)   |
| 6. Dr. S. Little Joice        |  |
| 7. Dr. Charles Robert Kenneth | (Class Faculty, II M.Sc. Mathematics)  |
| 8. Dr. Y. Kins                |  |
| 9. Dr. D. Francis Xavier      |  |
| 10. Mrs. T. Shiba Neenu       | (Class Faculty, III B.Sc. Mathematics) |
| 11. Dr. M. Peter              |  |
| 12. Dr. S. Roseline Mary      | (Class Faculty, II B.Sc. Mathematics)  |
| 13. Dr. S. Iruthaya Raj       | (Class Faculty, I B.Sc. Mathematics)   |

## Student Participants

Sl. No.	Dept. Number	Name of the student
1	25-UMT-001	PRAVEEN P R
2	25-UMT-002	SANTHANA BHARATHI K
3	25-UMT-003	MILTON S
4	25-UMT-004	JENISH J
5	25-UMT-005	SAMAARON.B
6	25-UMT-006	JOSHUVA SRINATH A
7	25-UMT-007	NAVEENKUMAR M G
8	25-UMT-008	SAM ABRAHAM A
9	25-UMT-009	JOHN PAUL KULLU
10	25-UMT-010	PRITHIVI T
11	25-UMT-011	JOSEPH CHRISTOPHER R
12	25-UMT-012	BASKAR P
13	25-UMT-013	MOHAMMED SABIQ S
14	25-UMT-014	RYAN BENEDICT PRABAKARAN M
15	25-UMT-015	TAMILSELVAN H
16	25-UMT-016	LINGESHWARAN H
17	25-UMT-017	TAMIZHMANI L
18	25-UMT-020	SUGAN S
19	25-UMT-021	SURIYA PRAKASH B
20	25-UMT-022	DEEPAN K
21	25-UMT-023	MANOJ V
22	25-UMT-024	CHINNA R
23	25-UMT-026	KEVIN ROSHAN K
24	25-UMT-027	SANJEEVAN J
25	25-UMT-029	LEO CHRISTOPHER A
26	25-UMT-030	ARUN KESAVALU.D.B.C
27	25-UMT-031	ASHWITH V
28	25-UMT-032	DEMMINLUN KHONGSAI
29	25-UMT-033	JAMMINLEN MATE
30	25-UMT-034	KAVIPRIYAN V
31	25-UMT-035	VISHAAL S
32	25-UMT-037	MOHITHRAJ D
33	25-UMT-038	GOWTHAM A
34	25-UMT-039	TAMILSELVAN G
35	25-UMT-040	JACKWINJAI DURAI R
36	25-UMT-041	AMOS JOSIAH S
37	25-UMT-042	JOHNATHAN DEVA PRIYAN J
38	25-UMT-043	SHASHANK
39	25-UMT-044	THIRUMURUGAN S
40	25-UMT-045	RACKSHANTH D
41	25-UMT-046	TANMAY HARSH TOPPO
42	25-UMT-048	ALBERT LALRAMLIANA
43	25-UMT-049	JERPIN BRITTO M
44	25-UMT-050	LOGESWARAN P
45	25-UMT-051	DANIEL SUGANTHA DOSS A

Sl. No.	Dept. Number	Name of the student
46	25-UMT-052	KULOTHUNGAN R G
47	25-UMT-053	HARSITH S
48	25-UMT-054	VIJAY D
49	25-UMT-055	ABHINAV SUBBA
50	25-UMT-056	GOKULA KRISHNAN M
51	25-UMT-057	JAWAGAR S
52	25-UMT-058	SHANMUGAM S
53	25-UMT-059	KISHOR VARMA P
54	25-UMT-060	THIOFLUS NILO MARIASOOSAI NICHOLAS
55	25-UMT-061	KABILAN M
56	25-UMT-062	AJAY KUMAR N
57	25-UMT-063	PRABHAKAR S
58	25-UMT-065	GUHAN S
59	25-UMT-066	SUBHIKSAN P
60	25-UMT-067	NAVEEN V
61	25-UMT-068	SHARVESH S
62	25-UMT-069	SAGAYA THARUN RAJ P
63	25-UMT-070	ARVIND DARSHAN I

### Programme outcome

The freshers will gain an understanding of the college's and department's history, rules, regulations, and activities, and will become familiar with their classmates and faculty members before the commencement of regular classes.

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