



LOYOLA COLLEGE, CHENNAI-600034



**LOYOLA MATHEMATICS ASSOCIATION SHIFT 2
(2021-2022)**

CONTENTS

DEPARTMENT OF MATHEMATICS (SHIFT-II)	3
LOYOLA MATHEMATICS ASSOCIATION SHIFT 2	12
INAUGURATION OF LOYOLA MATHEMATICS ASSOCIATION	13
ONLINE INVITED TALK ON RIEMANN INTEGRAL	15
WORKSHOP OF INNOVATION USING TECHNOLOGY	17
GUEST LECTURE ON MAGIC SQUARES	19
ALEPH NOUGHT MATHEMATICS QUIZ COMPETITION FOR	21
DIRECTRIX MATHEMATICS QUIZ COMPETITION FOR	23
MANDELBROT PAPER PRESENTATION COMPETITION FOR	25
VALEDICTION OF LOYOLA MATHEMATICS ASSOCIATION (LMA S2)	27

DEPARTMENT OF MATHEMATICS (SHIFT-II)

Department of Mathematics (Shift-II) in the academic year 2021-2022 organized various programs and events to the faculty members and the students for the growth of the department. The academic year began on 6th August 2021 through online mode for the senior students due to COVID-19 pandemic.

The Students Induction Programme (SIP) for the FIRST year students was given online through a sequence of sessions for 10 days from 6th September 2021 to 18th September 2021. Students were motivated and encouraged to study mathematics well by understanding its fundamentals. The first year students actively participated in it.

The department organized various programmes and conducted various activities in the academic year 2021-2022 for the students in order to strengthen their skills.

Faculty members

1. Dr. J. Janet Sheeba
2. Dr. T. Bharathi
3. Dr. S. Iruthaya Raj

4. Mr. F. R. Emmanuel
5. Mr. A. Christopher
6. Mr. D. Kumanan

7. Dr. J. Geno Kadwin
8. Dr. S. Ruth Julie Kavitha
9. Dr. S. Maria Jesu Raja

Responsibilities in the department

- Coordinator of the department
- Class faculty
- President of Loyola Mathematics Association & IQAC extended member
- Innovation mentor of the department
- Staff in-charge for placement cell
- Staff in-charge for sports activities & IQAC extended member
- ERP in-charge
- Staff in-charge for library
- Staff in-charge for remedial classes

Class representatives

The following students selected by the respective class faculty members served as the class representatives for the academic year (2021-2022).

<u>Class</u>	<u>Class faculty</u>	<u>Class representative</u>	
I A	Mr. F. R. Emmanuel	21-UMT-216	DHANUSH S T
I B	Dr. S. Iruthaya Raj	21-UMT-324	HEMAKKUMAR P
II A	Dr. S. Maria Jesu Raja	20-UMT-225	HARISH J
II B	Dr. T. Bharathi	20-UMT-315	JAGANNATHAN P
III A	Dr. J. Geno Kadwin	19-UMT-231	AAKASH E
III B	Mr. D. Kumanan	19-UMT-327	GANESH M
III C	Mr. A. Christopher	19-UMT-405	NEMUNI.S

FACULTY MEMBERS



Dr. J. Janet Sheeba



Dr. T. Bharathi



Dr. S. Iruthaya Raj



Prof. F. R. Emmanuel



Prof. A. Christopher



Prof. D. Kumanan



Dr. J. Geno Kadwin



Dr. S. Ruth Julie Kavitha



Dr. S. Maria Jesu Raja

DEPARTMENT OF MATHEMATICS (SHIFT-II)

B. SC. MATHEMATICS – THIRD YEAR – SECTION A (2019-2022 BATCH)

SL. NO.	DEPT. NO.	NAME OF THE STUDENT	MOBILE NO.
1	19-UMT-203	PRANAV S	6382927122
2	19-UMT-204	ANURAG SHUKLA	8178968066
3	19-UMT-207	SANJAY P	9940366633
4	19-UMT-208	SHYAM T	9361607079
5	19-UMT-211	DHILIPAN E	9150291136
6	19-UMT-215	VINCENT THANGARAJ J	8925646420
7	19-UMT-216	VASANTH N	8825911994
8	19-UMT-218	GOHUL RAM R	7548864339
9	19-UMT-219	ABINESH A	9786763865
10	19-UMT-220	MOSES IMMANUEL S	9840843686
11	19-UMT-222	BHUVANESH R	7358239535
12	19-UMT-224	ABINESHKUMAR D	6379538380
13	19-UMT-225	GADHADARAN K	9944582236
14	19-UMT-226	MOOVENDHAN B	9360503057
15	19-UMT-227	JOTHEESWARAN R	7667174779
16	19-UMT-228	KISHORE S	8681044939
17	19-UMT-230	GORTHI VISHAL	7306668721
18	19-UMT-231	AAKASH E	9487215740
19	19-UMT-233	KOTHANDARAMAN T	9944207857
20	19-UMT-234	NAVIN N	9442712393
21	19-UMT-235	SIMPSON J	6369200250
22	19-UMT-236	SHARAD GURU MISHRA	7871894184
23	19-UMT-237	SATHISH R	8248007169
24	19-UMT-238	DINESH Y	7401065545
25	19-UMT-239	BRINIL JOHN J	9444809304
26	19-UMT-240	SHESHATHRI K	8925698922
27	19-UMT-241	PRADEEP KUMAR V	8668180818
28	19-UMT-242	MOHAMED YACOOF HUSSAIN A	9786212080
29	19-UMT-244	LINGESH M	7338714629
30	19-UMT-245	AROCKIA ANTONY JEBASINTH A	9566913378
31	19-UMT-246	CHRIS ANTONY J	7904853055
32	19-UMT-247	ANISH A	9566016988
33	19-UMT-249	RAGHUL P	7373978386
34	19-UMT-252	ABINASH S	9361381046
35	19-UMT-253	MARSHAL SARGUNARAJ D	8754532099
36	19-UMT-254	BHARATH KUMAR R	9360389511
37	19-UMT-255	AJMAL NIZAR A	9385899547
38	19-UMT-256	RAMAKRISHNAN R	9962235864
39	19-UMT-259	HARISH G D	8838562690
40	19-UMT-260	THARUNKUMAR P	9994160277
41	19-UMT-261	HARISH KUMAR P B	9123583539
42	19-UMT-262	SANTHOSH KUMAR J	7358610626
43	19-UMT-265	ABISHEK M	7397049679
44	19-UMT-267	SAKTHI HARIHARA PRABHU S	7904980440
45	19-UMT-274	VINESH VENKATRAMAN V	9791113031

DEPARTMENT OF MATHEMATICS (SHIFT-II)
B. SC. MATHEMATICS – THIRD YEAR – SECTION B
(2019-2022 BATCH)

SL. NO.	DEPT. NO.	NAME OF THE STUDENT	MOBILE NO.
1	19-UMT-301	SAHIL JOSHUA C J	9080578732
2	19-UMT-304	MUDITH D	7470200100
3	19-UMT-306	PRADEEP S	8056898742
4	19-UMT-307	THATHES ROHINTH R	7358871554
5	19-UMT-308	MOHAMED IMTHIYAS A	9551484569
6	19-UMT-309	ARTHEESWARAN S	9791948921
7	19-UMT-310	MUBEENKHAN N	8056304079
8	19-UMT-311	RAJMOHAN B	9360885491
9	19-UMT-312	SANTHOSH A	9360499965
10	19-UMT-313	RAJSHANKAR M	8420767847
11	19-UMT-314	USHIJ CHATTERJEE	8334058658
12	19-UMT-315	JEEVANANTHAM R	9940385897
13	19-UMT-316	AKHIL R	9791268741
14	19-UMT-317	RAGHUL KUMAR R N	6382778911
15	19-UMT-318	MOHAMMED ASHIQ A	8939289565
16	19-UMT-319	CHARAN K	6383002264
17	19-UMT-321	KALAIKKOVAN G	9940952058
18	19-UMT-326	MOHANRAM P	9176824861
19	19-UMT-327	GANESH M	9384991680
20	19-UMT-328	MINISH M	7339575980
21	19-UMT-331	DHWARAKHESH R	9994857109
22	19-UMT-332	SASIKIRAN D	8668142204
23	19-UMT-333	ANTONY JOSEPH MAXIAN M	6374273984
24	19-UMT-334	SAKET KUMAR GOPALUNI	7288802888
25	19-UMT-335	SURYA R	8667656501
26	19-UMT-336	DINESHKUMAR S V	9344112878
27	19-UMT-339	SRI BHARATH N	7299423425
28	19-UMT-342	PRASANNA FRANCH A	7538858323
29	19-UMT-343	RAGUL D	9841354920
30	19-UMT-345	JAISON M	7358753601
31	19-UMT-348	PRANAV P	8848079538
32	19-UMT-349	LATHISH BALAJI B	9790949023
33	19-UMT-350	ISAIYAS A	9003569067
34	19-UMT-351	VISHALKIRAN S P	9841137041
35	19-UMT-352	GOWTHAM E	8939516132
36	19-UMT-354	BALA YOGI A	9840992837
37	19-UMT-355	SIVAVARMA S	8925316765
38	19-UMT-356	JOHN LIEN R	9942617728
39	19-UMT-357	ABISHEK M	9500247848
40	19-UMT-358	AROCKIYAJOHAN BRITTO A	7904413215
41	19-UMT-360	ADITYA CHHETRI	9158972237
42	19-UMT-361	VENKATESH M	9094904252
43	19-UMT-362	INIYAN K	7598547750
44	19-UMT-363	SUDHARSAN S	6379516482
45	19-UMT-365	K. ASLAMPARVES	9566941434
46	19-UMT-366	PRAVEEN S	8754135910
47	19-UMT-367	LOGHETH M	7448310087
48	19-UMT-368	SAMUEL GLADSON S	9677094423
49	19-UMT-369	SURENDHARA RAAJ K	8838849378
50	19-UMT-370	VEERAPANDI M	9344754504

DEPARTMENT OF MATHEMATICS (SHIFT-II)
B. SC. MATHEMATICS – THIRD YEAR – SECTION C
(2019-2022 BATCH)

SL. NO.	DEPT. NO.	NAME OF THE STUDENT	MOBILE NO.
1	19-UMT-402	THOMSON RAJA I	9150188377
2	19-UMT-403	DHANUSH A	7010775140
3	19-UMT-405	NEMUNI S	8940373442
4	19-UMT-406	ARUN A	9962836070
5	19-UMT-407	NOEL THOMAS VALLAVANTHARA	9188465833
6	19-UMT-411	SHIVANESH A K	6383111832
7	19-UMT-412	DANIEL JOHNSON L	9344115716
8	19-UMT-413	SARVA BALAJI S	9361280924
9	19-UMT-415	KARTHIKEYAN S	8248869139
10	19-UMT-416	AMRIT G SAMTANI	9080478265
11	19-UMT-417	MAIMOULISS S V	6369025259
12	19-UMT-418	HARIKARTHICK P	9597098418
13	19-UMT-420	MUKIL NILAVAN S S	8883653658
14	19-UMT-421	MUHIL GOPAL	9994344689
15	19-UMT-422	HARI PRASATH S	8825779939
16	19-UMT-424	HARIHARAN P	8939226474
17	19-UMT-425	ARUN RAJ V	7338712148
18	19-UMT-426	BENIL SHALOM J	9952991232
19	19-UMT-429	AAKASH M A	9443718360
20	19-UMT-430	JOHN ANTONY BRISHTLIN S	8300153486
21	19-UMT-431	DINESH M	9360868527
22	19-UMT-433	SANKAR GOBIKRISHNA D J	6369392232
23	19-UMT-435	MOHAINUTHEEN S	9490398304
24	19-UMT-436	HARISH KUMAR S	8838899431
25	19-UMT-441	KATHIRAVAN B	9626010966
26	19-UMT-443	IRUDHAYA NISHAL S	9360236923
27	19-UMT-447	LEONARDO DA VINCI V	7010459751
28	19-UMT-449	HARISH E	9360138838
29	19-UMT-456	ALLEN ROHITH F	7395976076
30	19-UMT-457	SIJU K C	9940376776
31	19-UMT-458	ARAVINDHAN R	6379755585
32	19-UMT-460	JENOPaul P C	8925083416
33	19-UMT-461	BALA KUMARAN M	8925355393
34	19-UMT-462	RUBAN L	9790316224
35	19-UMT-463	GUGHANEISHVAR P	9360629556
36	19-UMT-466	PRATHAP B	9600109216
37	19-UMT-467	ABISHEK S	9940423286
38	19-UMT-469	YASWANTH V	9791573858
39	19-UMT-470	YOGESHWARAN P	7397041626
40	19-UMT-471	SANJAY KISHORE S	9884256111
41	19-UMT-472	THANGAM S	8925296517
42	19-UMT-473	PRAVEEN KUMAR T	9360106647
43	19-UMT-474	HARISH KUMAR P M	9790883568

DEPARTMENT OF MATHEMATICS (SHIFT-II)
B. SC. MATHEMATICS – SECOND YEAR – SECTION A
(2020-2023 BATCH)

SL. NO.	DEPT. NO.	NAME OF THE STUDENT	MOBILE NO.
1	20-UMT-201	RONALDIN ARAVIND J	6379607238
2	20-UMT-202	SAHIL A	9952944644
3	20-UMT-204	ALYN BIJU SAHARIYA S	9840623163
4	20-UMT-205	OM PRAKASH S	8838994415
5	20-UMT-206	NOVASHERWIN J	7397651010
6	20-UMT-207	SAHAYA JEON RONALDO S	8508472993
7	20-UMT-209	JERIN BOSE	8700031519
8	20-UMT-210	JOEL VIRGIN D	9345635133
9	20-UMT-212	ANIRBAN SEN	9444826806
10	20-UMT-213	SIBIVENDHAN K	8248214218
11	20-UMT-214	VIDHYADHAR S ADASUL	7353789448
12	20-UMT-215	PRAMATH SUBRAMANIAN	9176266705
13	20-UMT-216	ARAVINTH S	8903850670
14	20-UMT-218	BOGA NANDA KISHORE	6360981598
15	20-UMT-219	RAGHAVAN B	8754513731
16	20-UMT-220	SHAKTHI VEL R	9360119939
17	20-UMT-221	MADHAVAN S	6374650334
18	20-UMT-222	CHAITANYA SOMANI	6203796780
19	20-UMT-223	CLARIDON KENNET B	8610106798
20	20-UMT-225	HARISH J	8056770773
21	20-UMT-226	DHANUSH D	9840814216
22	20-UMT-227	VIVILIA VASAN V	8056181240
23	20-UMT-228	KAILASH R	9841063035
24	20-UMT-230	BALAJI N	9585302817
25	20-UMT-232	CHINNADURAI M	9444462709
26	20-UMT-233	GOPINATH S	9894703579
27	20-UMT-235	SESHAN AVINAS D L	9444251802
28	20-UMT-236	SREE VETRIVEL S	7539970148
29	20-UMT-237	PRABHU K	9150257277
30	20-UMT-238	PREM SAI D	9176360194
31	20-UMT-239	VIGNESHKRISHNA S	9677283041
32	20-UMT-240	DHILIP S	7094752518
33	20-UMT-241	VIGNESH K	7639869383
34	20-UMT-242	SAMUEL AARON R	9841108382
35	20-UMT-243	JORDAN ANDREWS EBANAZER J	9941361406
36	20-UMT-244	AGILAN A	7603835358
37	20-UMT-245	JOHN ALEXANDER J	9551552652
38	20-UMT-246	PERUMAL V	6380949752
39	20-UMT-247	GOVARDHAN S	6379297219
40	20-UMT-248	VISHAL P	8925463132

DEPARTMENT OF MATHEMATICS (SHIFT-II)
B. SC. MATHEMATICS – SECOND YEAR – SECTION B
(2020-2023 BATCH)

SL. NO.	DEPT. NO.	NAME OF THE STUDENT	MOBILE NO.
1	20-UMT-302	SYED SHAHID ALI S	8939086836
2	20-UMT-304	ANTO JOVIN T	9791601375
3	20-UMT-306	GANESH E	9908741110
4	20-UMT-307	SAM JOEL F	9710353881
5	20-UMT-308	GOVINDAVASAN P	7338954072
6	20-UMT-310	SOURAV KONDASSERY RAJEEV	8156969081
7	20-UMT-311	BAIPUREDDI LOKESWARA SURYA TEJA	9182000610
8	20-UMT-312	KARTHIK P NATH	9946557477
9	20-UMT-313	PUGAZHENTHI R S	8072534330
10	20-UMT-314	SANJAY J	7603964387
11	20-UMT-315	JAGANNATHAN P	9487222884
12	20-UMT-316	ABISHEK K	9791190474
13	20-UMT-319	HARIHARAN P	9994308532
14	20-UMT-320	CHANDRASHEKAR IYER S	6358751007
15	20-UMT-321	NAVEEN SIVAKUMAR G J	9677744294
16	20-UMT-322	AKASH ANIL KUMAR	9581259819
17	20-UMT-323	ISSAC SURYA G	7358543183
18	20-UMT-325	SANJAY M	9042723189
19	20-UMT-326	SAM THANGARAJ LAWRENCE S	7824035940
20	20-UMT-330	ARCHISMAN PANDA	7044095741
21	20-UMT-332	ABISHEK T	9994873783
22	20-UMT-334	MICHAEL I DHURAIRAJ	9677233711
23	20-UMT-335	BARATH R	9962256944
24	20-UMT-336	VIJAYA SANKAR V	9445638624
25	20-UMT-337	ELAVARASAN M	9786071733
26	20-UMT-338	GOWSHIK E	8939516132
27	20-UMT-339	SHRUTHI K	6374180371
28	20-UMT-340	DHANUSH V J	9843212905
29	20-UMT-341	GLEN	9665062515
30	20-UMT-342	THARUN BALAJI K	8925020177
31	20-UMT-343	ABISHEK ROSHAN J	9884301647
32	20-UMT-344	RAHUL P	9788882875
33	20-UMT-345	FRANKLIN JESUDOSS L	8973334535
34	20-UMT-346	MONISHWAR S	8300120819
35	20-UMT-347	KEERTHIVARMAN S	9025084692

DEPARTMENT OF MATHEMATICS (SHIFT-II)
B. SC. MATHEMATICS – FIRST YEAR (2021-2024 BATCH)

SL. NO.	DEPT. NO.	NAME OF THE STUDENT	MOBILE NO.
1	21-UMT-202	D ANDREW IGNATIUS SAMUEL	9567451296
2	21-UMT-203	ABHINAV M	8667704550
3	21-UMT-207	KISHORE KUMAR M V	9361962656
4	21-UMT-210	SARAVANAN P	9677183911
5	21-UMT-214	SHANE RONALDO N	8973567501
6	21-UMT-216	DHANUSH S T	9865782503
7	21-UMT-217	NATHEESH SELVA K	9443372740
8	21-UMT-218	AJIBALA B	6382085823
9	21-UMT-221	ARJUN V S	9092649149
10	21-UMT-222	PRANAV ROY	8086503814
11	21-UMT-224	PIRAVIN B	9176911828
12	21-UMT-225	KALANITHI D	9952175922
13	21-UMT-227	S. M. KIRAN GURUV	9092532553
14	21-UMT-228	CHANDRU K	9361039770
15	21-UMT-229	YOGESWARAN R	8300076098
16	21-UMT-234	AGILAN G V	7358573203
17	21-UMT-235	DINESH. R	9884165830
18	21-UMT-236	SANGEETH NARAYANAN M S	9677241381
19	21-UMT-237	BHARATH I	9952901208
20	21-UMT-238	CHARLUS A	9840115122
21	21-UMT-240	LOITONGBAM THOUNGAMBA MEITEI	9362665550
22	21-UMT-241	NIRMAL RAJ M	9150289598
23	21-UMT-243	MUTHUMANI A	9123514848
24	21-UMT-301	KARTHIK GANESH.S	9445664567
25	21-UMT-302	GOKUL K	7550027988
26	21-UMT-303	ARJUN M	7604825570
27	21-UMT-304	POORTHEEP B	9600199640
28	21-UMT-305	PRASANNA S	7397280316
29	21-UMT-306	ASAN RAHIB P	9444041633
30	21-UMT-307	SAMRAJAMANI R	9841469202
31	21-UMT-308	PUGAZHARASAN P	7010269037
32	21-UMT-309	KRISHNAKANTH S	9345827080
33	21-UMT-310	SAIRAJ. D	9789495104
34	21-UMT-312	TAMIL SELVAN B	8925616557
35	21-UMT-313	PAVITHRAN S	9551449661
36	21-UMT-314	SIDDHARTH M S	7358242037
37	21-UMT-315	SAHIL KUMAR JAIN	6392867746
38	21-UMT-316	INBATHAMIZHAN N	9345590118
39	21-UMT-317	SAJITH SEELAN J	9840987970
40	21-UMT-318	PRIYADHARSAN A	7448923366
41	21-UMT-319	MICHAEL SAHAYA DALTON.A	7826041675
42	21-UMT-321	RAGUL R V	9500577200
43	21-UMT-323	ASWIN KUMAR J	9952043319
44	21-UMT-324	HEMAKKUMAR P	9344199256
45	21-UMT-325	GOVARDHAN B K	9497113550
46	21-UMT-326	MAGESHWARAN V	9715014027
47	21-UMT-329	SRIDHAR D	6385738973
48	21-UMT-330	PRAVEEN RAJ V	9600838603
49	21-UMT-331	MANIVANNAN N	6382610983
50	21-UMT-332	YOGA SUTHAN A	7708667083
51	21-UMT-333	CHANDRAMOULI S	9597444907
52	21-UMT-334	PREM KUMAR K	8056452123
53	21-UMT-336	SAIKAM GOUTHAM ANAND	7337038955
54	21-UMT-337	KAARTHIC RAJ S	9994913166
55	21-UMT-339	VISHWA V	9361382819

DEPARTMENT OF MATHEMATICS (SHIFT-II)
MENTORS AND MENTEES
(2021-2022)

Class	Mentor	Mentees assigned
I B. Sc. Mathematics	Prof. F. R. Emmanuel	21-UMT-201 to 21-UMT-242
I B. Sc. Mathematics	Dr. S. Iruthaya Raj	21-UMT-301 to 21-UMT-339
II B. Sc. Mathematics A	Dr. S. Maria Jesu Raja	20-UMT-201 to 20-UMT-248
II B. Sc. Mathematics B	Dr. T. Bharathi	20-UMT-302 to 20-UMT-347
III B. Sc. Mathematics A	Dr. J. Geno Kadwin	19-UMT-203 to 19-UMT-252
III B. Sc. Mathematics A & B	Prof. D. Kumanan	19-UMT-253 to 19-UMT-255 19-UMT-301 to 19-UMT-333
III B. Sc. Mathematics B	Prof. A. Christopher	19-UMT-334 to 19-UMT-370 19-UMT-402 to 19-UMT-413
III B. Sc. Mathematics C	Dr. S. Ruth Julie Kavitha	19-UMT-415 to 19-UMT-474

LOYOLA MATHEMATICS ASSOCIATION SHIFT 2 (LMA S2 2021-2022)



Loyola Mathematics Association Shift 2 (LMA S2) for the academic year 2021-2022 was inaugurated on 12th October 2021 in online mode due to the COVID-19 pandemic. The office bearers of the association were selected by the coordinator and the president after consultation with the fellow faculty members. The following members constituted the association for the academic year 2021-2022.

Coordinator

Dr. J. Janet Sheeba

President

Dr. S. Iruthaya Raj

Office bearers

1. Mr. Bala Yogi A (19-UMT-354)	Secretary
2. Mr. Prathap B (19-UMT-466)	Joint Secretary
3. Mr. Abinash S (19-UMT-252)	Cultural Secretary
4. Mr. Mohamed Imthiyas A (19-UMT-308)	Associate Cultural Secretary
5. Mr. Noel Thomas Vallavanthara (19-UMT-407)	Sports Secretary
6. Mr. Gowtham E (19-UMT-352)	Event Secretary
7. Mr. Surya R (19-UMT-335)	Technical Director

Members of the association

All the students of the Department of Mathematics (Shift-II).

Programs organized

The association has successfully organized the following events to the students to strengthen their skills and holistic growth.

1. Inauguration of Loyola Mathematics Association (LMA S2) on 12th October 2021.
2. Online invited talk on “Riemann integral” on 12th October 2021.
3. Workshop of Innovations using technology on 9th December 2021.
4. Guest lecture on “Magic square” on 8th March 2022.
5. “Aleph Nought” an intra class mathematics quiz competition for the second year B. Sc. Mathematics students of shift-II on 23rd May 2022.
6. “Directrix”, an intra class mathematics quiz competition for the first year B. Sc. Mathematics students of shift-II on 24th May 2022.
7. “Mandelbrat”, an intra class mathematics quiz competition for the third year B. Sc. Mathematics students of shift-II on 24th May 2022.
8. Valedictory function of Loyola Mathematics Association (LMA S2) on 27th May 2022.

INAUGURATION OF LOYOLA MATHEMATICS ASSOCIATION (2021-2022)

Date : 12-10-2021
Time : 4.45 pm - 5.30 pm
Venue : Online mode
Chief guest : Dr. K. Jeganathan, Assistant Professor,
Ramanujan Centre for Advanced Study in Mathematics,
University of Madras, Chennai

Objective

To inaugurate the Loyola Mathematics Association, Shift-II (LMA S2) for the academic year 2021-2022.

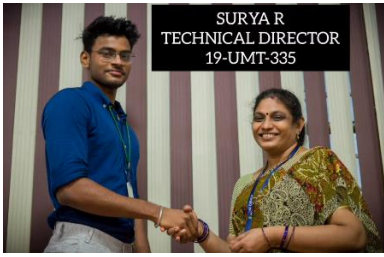
Summary

The inaugural function was held online through Cisco WebEx platform due to the COVID-19 pandemic. All the staff members and students of the department of Mathematics (Shift-II) participated in the function. The chief guest of the function gave the inaugural address by quoting the importance of learning mathematics. The team of secretaries and office bearers of the association was introduced and they were given badges by the coordinator of the department Dr. J. Janet Sheeba. The logo of the association (LMA S2) for the year 2021-2022 was released by the chief guest and the theme of the logo was explained by Mr. Prathap (19-UMT-466), the joint secretary of the association. The vote of thanks was proposed by Mr. Bala Yogi, the secretary of the association

Expected outcome

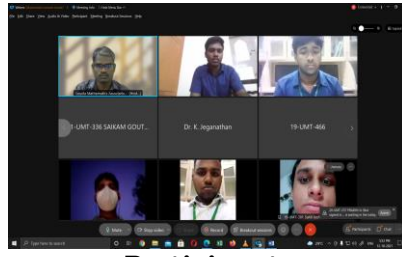
The students will have the opportunity of having various programs through the Loyola Mathematics Association in the academic year.



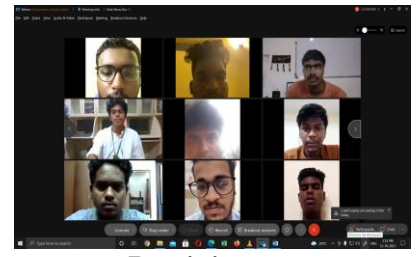


SURYA R
TECHNICAL DIRECTOR
19-UMT-335

Technical Head



Participants



Participants



Office Bearers



Faculty Members



Logo of LMA S2 (2021-2022)



LOYOLA COLLEGE, CHENNAI-34
DEPARTMENT OF MATHEMATICS - SHIFT II

Loyola Mathematics Association Shift 2

We cordially invite you for the inauguration of
Loyola Mathematics Association Shift-2 (LMA S2)
for the year 2021-2022

Chief Guest

Dr. K. JEGANATHAN

Assistant Professor

Ramanujan Institute for Advanced Study in Mathematics
University of Madras

Oct

12

2021

Cisco WebEx Link

[Click here to join the program](#)

Meeting number: 2640 742 3049

Password: LMAS2

4.45

PM

Dr. J. Janet Sheeba
Coordinator

Dr. S. Iruthaya Raj
President

Office Bearers

Bala Yogi A (Secretary)
Prathap B (Joint Secretary)
Abinash S (Cultural Secretary)
Noel Thomas (Sports Secretary)

ONLINE INVITED TALK ON RIEMANN INTEGRAL

Date	:	12-10-2021
Time	:	5.30 pm – 6.30 pm
Venue	:	Online mode
Resource person	:	Dr. K. Jeganathan, Assistant Professor, Ramanujan Centre for Advanced Study in Mathematics, University of Madras, Chennai

Objective

To strengthen the knowledge of Riemann integration of functions to the students of undergraduate programme in mathematics.

Summary

The invited talk on “Riemann integral” was delivered by Dr. K. Jeganathan, with the aid of power point presentation. He explained the fundamental concepts of Riemann integration with pictorial explanation. Students found interests in listening to the lecture and some questions were raised by the student participants. The resource person clarified the answers. Some problems were also solved by the resource person. Dr. J. Janet Sheeba, Coordinator of the Department welcomed the resource person, Dr. S. Maria Jesu Raja introduced the resource person and Dr. S. Iruthaya Raj, President of the Association thanked him at the end of the programme. The office bearers under the leadership of the Secretary of the Association Mr. Bala Yogi executed the event successfully through their meticulous planning.

Participants

All the students of the Department of Mathematics (Shift-2) participated in the programme.

Expected outcome

The students will have the opening of the concept of Riemann integration and other integrals.



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI-34
DEPARTMENT OF MATHEMATICS, SHIFT-II

LOYOLA MATHEMATICS ASSOCIATION SHIFT 2



*cordially invites the faculty members and the students of
Department of Mathematics, Loyola College, Chennai for an online*

Invited Talk on
"Riemann Integral"

Resource Person

Dr. K. Jeganathan
Assistant Professor
Ramanujan Institute for Advanced Study in Mathematics
University of Madras

12

OCT

Cisco Webex Link

[https://loyolachennai.webex.com/loyolachennai/j.php?](https://loyolachennai.webex.com/loyolachennai/j.php?MTID=m9b057401e1aa46039392d471f44a583d)
MTID=m9b057401e1aa46039392d471f44a583d

Meeting number: 2640 742 3049
Password: LMAS2

5:15 – 6:00

PM

All are welcome

Mr. A. Bala Yogi
(Secretary)

Dr. S. Iruthaya Raj
(President)

Dr. J. Janet Sheeba
(Coordinator)

WORKSHOP OF INNOVATION USING TECHNOLOGY

Date : 09-12-2021
Time : 4.00 pm – 6.30 pm
Venue : Fr. Vion Smart Room, Department of Mathematics
Resource person : Mr. Sampras F Robert,
An alumnus of the Department (17-UMT-213),
Freelance Graphic Designer, Safero Designs

Objective

To strengthen the creative and innovative knowledge of mathematics students using technology.

Summary

The workshop was organized for the benefit of the students of B.Sc. Mathematics programme to provide the exposure in innovations using technology. Mr. Sampras F Robert explained the participants about various tools available in order to strengthen the innovative creation in the digital era. He also in particular explained the advantages and techniques available in Adobe Photoshop package. Designing a simple and attractive posters and invitations using 'Photoshop' was well explained and demonstrated by the resource person. The participants registered for the workshop were instructed to bring their laptops for the workshop and the hand on technical session was held with interactions. Dr. S. Iruthaya Raj, President of the Association welcomed the participants and introduced the resource person to the participants. Mr. Bala Yogi, the Secretary of the association proposed vote of thanks. The office bearers of the association arranged the programme well and made it success.

Participants

Registered participants only.



Mr. Sampras F Robert



The participants



With LMA S2 Office Bearers



With Faculty Members

Expected outcome

The students will have the exposure on usage of technology with innovations in the upcoming days.

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI - 34
 DEPARTMENT OF MATHEMATICS
 LOYOLA MATHEMATICS ASSOCIATION SHIFT II

**workshop on
 INNOVATION USING TECHNOLOGY**

"COME LET'S LEARN SOMETHING NEW AND INNOVATIVE"

Resource Person
SAMPRAS F ROBERT
 FREELANCE GRAPHIC DESIGNER, SAFERO DESIGNS
 (AN ALUMNUS OF THE DEPARTMENT)

Office
 W X P O

09/12/2021 04:00 PM FR. VION SMART ROOM

DR. J JANET SHEEBA
 CO ORDINATOR

DR S IRUTHAYA RAJ
 PRESIDENT

GUEST LECTURE ON MAGIC SQUARES

Date	:	08-03-2022
Time	:	4.30 pm – 5.30 pm
Venue	:	Room No. JF-18, Jubilee Building, Loyola College
Resource person	:	Mr. T. R. Jothilingam, Railway Station Superintendent (Retired), Madurai

Objective

To develop the knowledge on Magic squares among students.

Summary

A magic square is a square of array of numbers consisting of the distinct positive integers $1, 2, \dots, n^2$, arranged such that the sum of the numbers in any horizontal, vertical, diagonal lines is always a constant. There are different ideas to create magic squares of any order. The development of magic squares was interestingly explained by the resource person to the participants. The student participants were motivated to form magic squares subject to different requirements. He showed different magic squares of different orders to the participants and a big magic square he formed. He explained various techniques to form a magic square using the set of all real numbers (even rationals, irrationals, negative numbers) instead of the set of natural numbers alone.

Participants

Registered students only.

Expected outcome

The students will have motivation in forming magic squares of any order subject to various constraints.





**LOYOLA COLLEGE (AUTONOMOUS), CHENNAI-34
DEPARTMENT OF MATHEMATICS, SHIFT-II**

**LOYOLA MATHEMATICS ASSOCIATION SHIFT 2
(2021-2022)**



*cordially invites the faculty members and the students of
Department of Mathematics, Loyola College, Chennai for an online*

*Guest Lecture on
"Magic Squares"*

Resource Person

Mr. T. R. Jothilingam
Railway Station Superintendent (Retired)
Madurai, Tamil Nadu

Venue

Jubilee Building
Room No. JF 18
Dept. of Mathematics

04:30 pm

to

5:30 pm

8
MARCH
2022

All are welcome

Mr. A. Bala Yogi
(Secretary)

Dr. S. Iruthaya Raj
(President)

Dr. J. Janet Sheeba
(Coordinator)

ALEPH NOUGHT MATHEMATICS QUIZ COMPETITION FOR SECOND YEAR BSC MATHEMATICS STUDENTS

Date	:	23-05-2022
Time	:	11.00 am – 01.00 pm
Venue	:	YD Hall, Loyola College
Quiz Master	:	Dr. S. Iruthaya Raj, Assistant Professor, Department of Mathematics Loyola College, Chennai-34.

Objective

To motivate the students to gain knowledge and skills in Mathematics through Mathematics Quiz competitions.

Summary

Participation in a general quiz competition makes a student sharp and bright. mathematics quiz competition in a special way develops one's knowledge and problem-solving ability and strengthens his/her memory power in mathematics. This will also be helpful to learn time management. The department has already conducted Intra-class mathematics quiz competitions separately for the first, second and third year students of our department in the year 2019. The participants of the competitions gave positive feedback and wished to conduct quiz competitions regularly to pass mathematics knowledge to the learners. By this motivation, the department conducted an intra-class mathematics quiz competition for the second year B.Sc. mathematics students (2020-2023 batch) on 23rd May 2022. Students actively participated in the competition. Four teams with three students in each were selected for the final rounds. Competition was conducted through 11 rounds of various levels. Students actively participated and prizes (mathematics books that would be useful for the third year courses) were given to the teams who won the first, second and third places.

Participants

Registered students only.

Expected outcome

The students will learn mathematics knowledge, problem-solving ability and time management through mathematics quiz competitions. The skills gained through mathematics quiz competitions will be helpful in solving problems asked in various competitive examinations.



Participants



With office bearers



Participants



Prize distribution to the winners



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI-34
DEPARTMENT OF MATHEMATICS, SHIFT-II
LOYOLA MATHEMATICS ASSOCIATION SHIFT 2
(2021-2022)



*cordially invites the faculty members and the students of
Department of Mathematics, Loyola College, Chennai for*

Aleph Nought

**An Intra Class Mathematics Quiz Competition for
Second year students of B.Sc. Mathematics (Shift-2)**

23
MAY 2022

Venue
YD Hall
Dept. of Chemistry
Loyola College, Chennai

11.00 am
to
1.00 pm

All are welcome

Mr. A. Bala Yogi
(Secretary)

Dr. S. Iruthaya Raj
(President)

Dr. J. Janet Sheeba
(Coordinator)

DIRECTRIX MATHEMATICS QUIZ COMPETITION FOR FIRST YEAR BSC MATHEMATICS STUDENTS

Date	:	24-05-2022
Time	:	04.30 pm – 06.30 pm
Venue	:	YD Hall, Loyola College
Quiz Master	:	Dr. S. Iruthaya Raj, Assistant Professor, Department of Mathematics Loyola College, Chennai-34.

Objective

To motivate the students to gain knowledge and skills in Mathematics through Mathematics Quiz competitions.

Summary

Participation in a general quiz competition makes a student sharp and bright. mathematics quiz competition in a special way develops one's knowledge and problem-solving ability and strengthens his/her memory power in mathematics. This will also be helpful to learn time management. The department has already conducted Intra-class mathematics quiz competitions separately for the first, second and third year students of our department in the year 2019. The participants of the competitions gave positive feedback and wished to conduct quiz competitions regularly to pass mathematics knowledge to the learners. By this motivation, the department conducted an intra-class mathematics quiz competition for the second year B.Sc. mathematics students (2021-2024 batch) on 24th May 2022. Students actively participated in the competition. Four teams with three students in each were selected for the final rounds. Competition was conducted through 10 rounds of various levels. Students actively participated and prizes (mathematics books that will be useful for the second year courses) were given to the teams who won the first, second and third places.

Participants

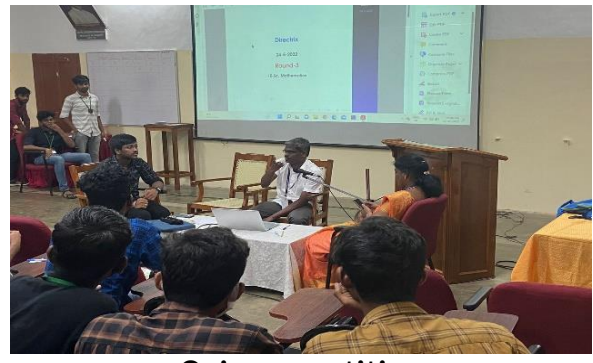
Registered students only.

Expected outcome

The students will learn mathematics knowledge, problem-solving ability and time management through mathematics quiz competitions. The skills gained through mathematics quiz competitions will be helpful in solving problems asked in various competitive examinations.



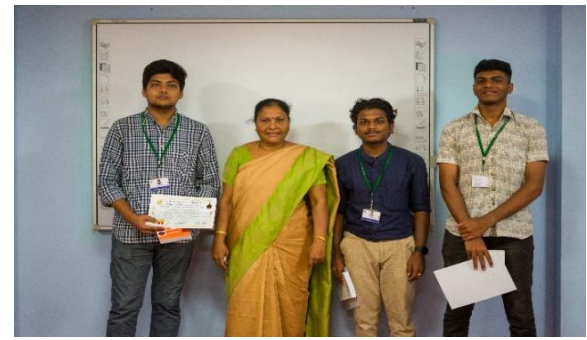
Participants



Quiz competition



With office bearers



Prize distribution

 **LOYOLA COLLEGE (AUTONOMOUS), CHENNAI-34**
DEPARTMENT OF MATHEMATICS, SHIFT-II
LOYOLA MATHEMATICS ASSOCIATION SHIFT 2
(2021-2022)



*cordially invites the faculty members and the students of
 Department of Mathematics, Loyola College, Chennai for*

Directrix
**An Intra Class Mathematics Quiz Competition for
 First year students of B.Sc. Mathematics (Shift-2)**

24 MAY 2022	<u>Venue</u> YD Hall Dept. of Chemistry Loyola College, Chennai	4.30 pm to 6.00 pm
-----------------------	--	--------------------------

All are welcome

Mr. A. Bala Yogi (Secretary)	Dr. S. Iruthaya Raj (President)	Dr. J. Janet Sheeba (Coordinator)
---------------------------------	------------------------------------	--------------------------------------

MANDELBROT PAPER PRESENTATION COMPETITION FOR THIRD YEAR BSC MATHEMATICS STUDENTS

Date	:	24-05-2022
Time	:	11.30 am – 01.00 pm
Venue	:	Department of Mathematics (Shift-II), JF-17
Chairpersons	:	Prof. D. Kumanan and Dr. J. Geno Kadwin Assistant Professor, Department of Mathematics Loyola College, Chennai-34.

Objective

To motivate the students to expose their mathematical knowledge and skills through paper presentation.

Summary

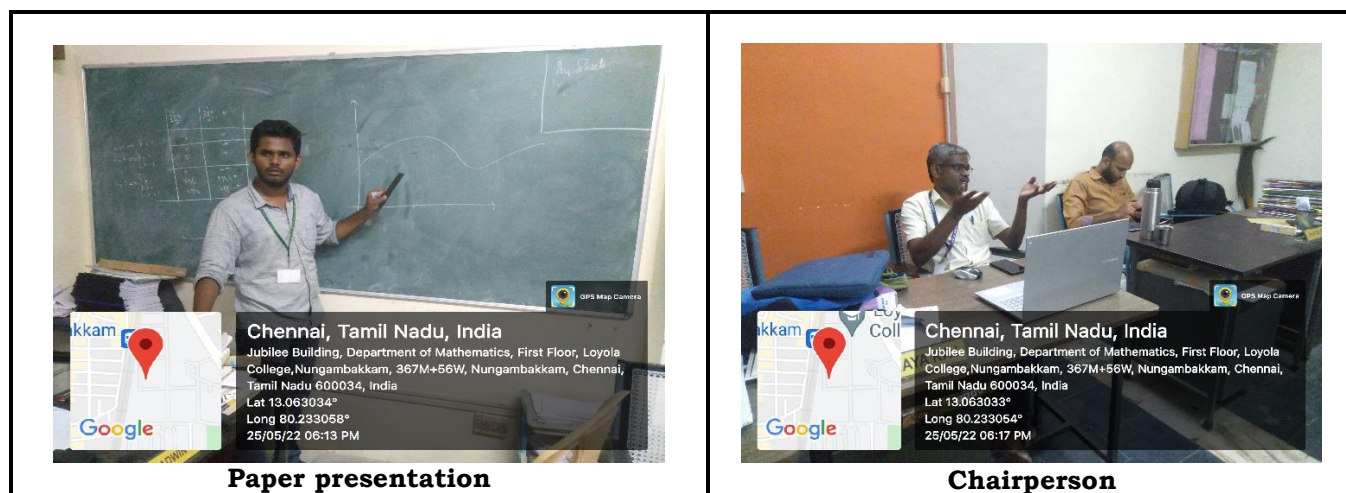
Presentation of papers in public is an easy way to convey one's findings to others of the same platform. To encourage the final year UG students of mathematics to show their findings of mathematics we conducted the paper presentation competition for them in the name of the famous mathematician Mandelbrot and on the title "Applications of mathematics".

Participants

Registered students only.

Expected outcome

The students will learn to improve their paper presentation skills and so will share their mathematics knowledge with others.





LOYOLA COLLEGE (AUTONOMOUS), CHENNAI-34
DEPARTMENT OF MATHEMATICS, SHIFT-II

LOYOLA MATHEMATICS ASSOCIATION SHIFT 2
(2021-2022)



*cordially invites the faculty members and the students of
Department of Mathematics, Loyola College, Chennai for*

Mandelbrot

**An Intra Class Paper presentation Competition for
Third year students of B.Sc. Mathematics (Shift-2)**

24
MAY 2022

Venue
Room No. JF 17
Dept. of Mathematics
Loyola College, Chennai

11.00 am
to
1.00 pm

All are welcome

Mr. A. Bala Yogi
(Secretary)

Dr. S. Iruthaya Raj
(President)

Dr. J. Janet Sheeba
(Coordinator)

VALEDICTION OF LOYOLA MATHEMATICS ASSOCIATION (LMA S2)

Date	:	27-05-2022
Time	:	11.00 am – 12.30 pm
Venue	:	Fr. Vion Smart Room, Department of Mathematics
Chief guest	:	Dr. D. Florence Isido, Assistant Professor, Department of Mathematics, Loyola College, Chennai
Guest of Honour	:	Mr. J. Dhanush Velankanni, (Alumnus of the Department-Shift-II, 2015 Batch) Project Coordinator, The South India Salesian Society, Chennai

Objective

To have the valedictory function of the activities of Loyola Mathematics Association, Shift-II (LMA S2) for the academic year 2021-2022 and to let the students know the various activities conducted during the year.

Summary

The valedictory function was held to appreciate the students of the department for their active participation in various academic, cultural and sports activities. Also, all the activities of the association conducted throughout the year were summarized during the function. Staff members and students of the department of Mathematics participated in the function. The chief guest of the function Dr. Florence Isido in her valedictory address appreciated the members of the association and the students for their involvement and participation in various activities. She gave some tips to the students on how to study mathematics courses and to know their virtues.

The guest of honour Mr. Dhanush Velankanni, an alumnus of the department was invited to give guidance to the students in their career. He motivated the students to learn personality skills and to develop communication skills.

The prize winners of various competitions conducted by the association were honoured with prizes and certificates. Also, the participants and volunteers of various activities of the association were honoured with certificates. Office bearers of the association were honoured with shields and certificates. The prizes, shields and certificates were given by the chief guest, guest of honour, coordinator of the Department and the faculty members of the department.

Welcome address was given by Dr. S. Iruthaya Raj, the president of the association, consolidated annual report of the association was video presented by the office bearers and finally the vote of thanks was delivered by Mr. Bala Yogi, the secretary of the association.



Invocation



On the dais



Welcome address



Felicitations to the chief guest



Felicitations to the chief guest



Felicitations to the guest of honour



Valedictory address by the chief guest



Speech by the guest of honour





Honouring office bearers



Honouring office bearers



Honouring office bearers



Honouring office bearers



Vote of thanks



Group photo

Expected outcome

The students will know about the activities of Loyola Mathematics Association and its functions in the upcoming academic years and get motivated to be a part of it.



LOYOLA COLLEGE, CHENNAI-34
DEPARTMENT OF MATHEMATICS (SHIFT II)

welcomes you to the Valedictory function of

LOYOLA MATHEMATICS ASSOCIATION SHIFT 2
(2021-2022)



CHIEF GUEST

Dr. D. Florence Isido

Assistant Professor
Department of Mathematics
Loyola College Chennai

GUEST OF HONOUR

Mr. J. Dhanush Velankanni

(Alumnus of the Department of Mathematics Shift-II)
Project Coordinator
The South India Salesian Society Chennai



27 MAY 2022

VENUE

FR. VION SMART ROOM
DEPT. OF MATHEMATICS



11 AM

Mr A Bala Yogi
Secretary

Dr S Iruthaya Raj
President

Dr J Janet Sheeba
Coordinator

