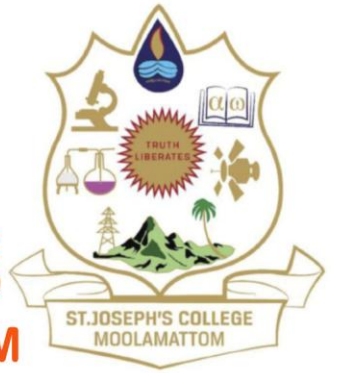


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2.3.1 Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences and teachers use ICT-enabled tools including online resources for effective teaching and learning process

SIMULATION

FESTS ORGANIZED BY STUDENTS





INTER COLLEGIATE AND INTRA COLLEGIATE FESTS

Organizing intercollegiate and intra collegiate fests offer a simulated environment to learn problem solving techniques like finance management, resource mobilization, skill pooling, time management and crisis management. Fests provide a platform for students to showcase their talents and skills, fostering creativity and self confidence. Managing a fest provide direct learning environment for Business Management, Commerce and Economics batch of students learn their teaching modules. Other batches benefits from the cultural and social synergy evolved out of fests.

Intra collegiate festivals create a sense of unity within the campus community, fostering camaraderie and a shared sense of purpose. These events often celebrate the diverse talents of students, reinforcing the importance of inclusivity and diversity. Organizing such festivals hones organizational, time management, and communication skills, preparing students for future career challenges. These events also provide networking opportunities, enabling students to connect with peers, faculty, and potential employers. Finally, they enhance the college's reputation, attracting more students and resources to the institution, which can be beneficial in the long run.



DEPARTMENT OF MANAGEMENT STUDIES

Interactive Skill Development

25th November 2021

Title of the Programme: Interactive Skill Development

Period of activity (Date): 25/11/2021 1.15 p.m. to 3.30 p.m.

No of Participants: 74

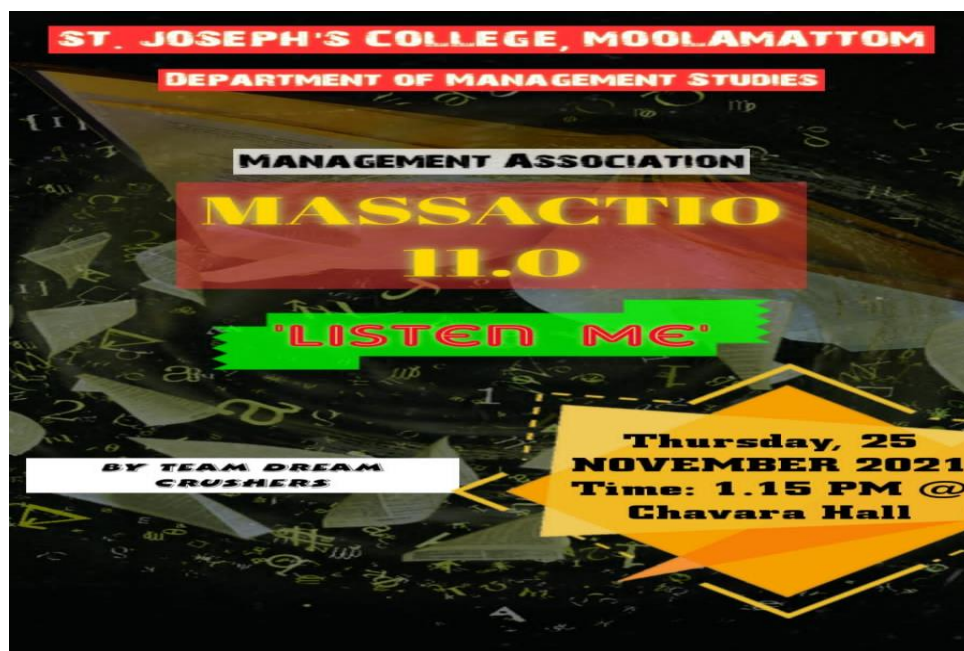
Name of the organizing Department: Department of Management Studies

A short report of the Program:

The Interactive Skill Development is titled as MASSACTIO – MASS (Management Association) in ACTION, which is an Intra Departmental Management Program, initiated by the BBM students itself. The entire batch will be divided into 8 teams; out of which 1 team will host the program

Expected outcome:

Initiate an interaction with all batches, boost participation in events, to develop skill & confidence among students and to excavate innovative ideas





STUENTS PARTICIPATING IN THE PROGRAM

List of participants

1	Adhithya Omanakkuttan
2	Ajmi Aliyar
3	Albin Johnson
4	Aleena Mathew
5	Amalu Mathew
6	Anjaly Michael
7	Anju M S
8	Anupriya Raj



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9	Ayoona Aji
10	Humainath K A
11	Jithin Baby
12	Jithin K Rajan
13	Jithu George
14	Jofa James
15	Krishnapriya P Shaji
16	Nimisha Biju
17	Raihana Muhammed
18	Rony T John
19	Somi Tomy
20	Sreehari M Plasseril
21	Sreekutty M M
22	Swathy Raj Krishna
23	Tesna Mariya Shaji
24	Abul Hassan P. S.
25	Adithya Santhosh
26	Ajay Raghavan
27	Aleena Biju
28	Amaldev B
29	Anitta Biju
30	Aparna Anilkumar
31	Athul Raju
32	Darsana M.
33	Devapriya B.
34	Dharshana Das
35	Gayathry Ganesh
36	Jaiden Gill N. J.
37	Krishnapriya Shaji
38	Mathews Benjamin
39	Nimmy Aji
40	Niyamol V.
41	Pooja Parvathy K. Babu
42	Reetha Mathew
43	Resmi Suresh
44	S Sreedevi
45	Sooryanarayanan S V
46	Sreelakshmi T. S.
47	Surya Benny
48	Surya Benny
49	Abhijith M.R
50	Adhithyan P Babu
51	Adithkrishna K Bose
52	Ajith Krishna M S

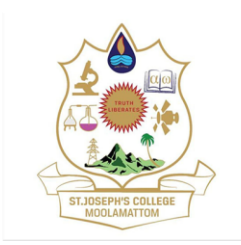


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53	Alan Joseph
54	Anaina Santhosh
55	Ashker Ali Shajahan
56	Asna Ayoob
57	Bibin K V
58	Bismiyya Thajudeen
59	Edwin Tomy
60	Ganga V R
61	Govind J
62	Hemanth K S
63	Jerin Sebastian
64	Jithu Mohanan
65	Milan Madhu
66	Nihal Roshan
67	Nimin Raju
68	Nyji Johnson
69	Roney Alex
70	Shamna Navas
71	Shanto Thomas
72	Sreeram Prasad
73	Tony Benny
74	Veena Binu



DEPARTMENT OF MATHEMATICS AND DATA SCIENCE

Report of EXCELSIOR-2K22

Title of the Programme: EXCELSIOR 2K22

Date of activity: November 5, 2022

Venue: Chavera Hall and Computer Lab

No of Participants: 62

Name of the organizing Department: Department of Mathematics

Aim:

Excelsior is an All-Kerala Higher Secondary level competition to polish the students to the finest. The purpose of fest is to empowering the students and to encourage their creative impulses to boost their confidence. This program also aimed at providing a chance for students to interact with peers from other institutions, exchange ideas and learn from each other

Outcome:

Students were distributed in groups and assigned duties to fulfil various evets, which helped to improve their managerial and organising skills. All the students actively participated in each activities. 62 Students from various Higher Schools were participated as external contestants. The program attracted various visual and printed media attention.

Report:

A mathematics quiz competition and web designing competition was conducted on the dates. Students from 18 different schools participated in the mathematics quiz competition. Venue of the quiz competition was Chavara hall. Students from 7 schools participated in the web designing competition. Students of the department were actively participated for the arrangement of the program. It was a nice experience for them to interact with the higher secondary students. The program motivation for the students to undergo higher studies in mathematics. In addition to that a web designing program was also conducted .



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**ST. JOSEPH'S COLLEGE
MOOLAMATTOM**

**DEPARTMENTS OF
DATA SCIENCE & MATHEMATICS**
Jointly Organise

EXCELSIOR 2K22

ALL KERALA
HIGHER SECONDARY
LEVEL COMPETITION

WEBSITE DESIGN

PRIZE MONEY
₹ 3500
(2000, 1000, 500)

QUIZ

PRIZE MONEY
₹ 3500
(2000, 1000, 500)

ABOUT THE COLLEGE

St. Joseph's College, Moolamattom, is a NAAC re-accredited A Grade Govt. Aided College in the Diocese of Soroba. Established in 1980, the premier educational institution offers Undergraduate and Postgraduate programmes in Mathematics, Physics, Chemistry, Economics, English Language and Literature, Commerce, Management Business Administration, Social Work, and the new generation integrated masters programme in Data Science. The college is affiliated to Mahatma Gandhi University, Kottayam and is managed by the St. Joseph's Province Kottayam of CMI Congregation.

Department of Data Science

In view of the growing demand for data professionals in the industry, the Department of Data Science was established in May 2021. The department offers high-quality education in the emerging and rapidly changing Artificial Intelligence and Data Science. The department has the facilities and lab infrastructure to facilitate the learning process. Various soft skill sessions, interactive sessions with experts in Data Science and related fields are provided to enhance the skills of the students. The passing programme of the department is designed to meet the industry requirements. Data Science courses which is learning in Department of Mathematics

Department of Mathematics

The Department of Mathematics was established in 2016 with a full-fledged BSc. Mathematics programme. Since then the department has been committed to attain excellence in its academic pursuits. The department remains as a center for higher education in the sciences in the region. The department provides wide opportunities for extra-curricular activities to enhance the programming skills of the students, the department offers and conducts the following programmes for the students such as C++/C/C++ of Kerala and elective courses such as "Basic Python programming and forecasting in Data Science".

GENERAL INSTRUCTIONS

- There is no registration fee for any event.
- SYLLABUS FOR QUIZ - General Mathematics and NCERT Text Book for XI and XII Mathematics.
- Use only html and css formats for creating webpages.
- Codes must be prepared by the participants themselves.
- Do not generate codes from the internet.
- Web Designing is an individual event and quiz team consists of two participants.
- The decision of the judges will be final.

<https://forms.gle/PaGxJughkyStEcJN9>

PATRON
Rev. Fr. Dr. Thomas George Vengalavakkal CMI
Manager

CHAIRMAN
Dr. Sabukutty M G
Principal

CONVENERS
Rev. Fr. Dr. James Kottarathil CMI
HoD, Department of Data Science
Mr. James N
HoD, Department of Mathematics
Mr. Roby Mathew
IQAC Coordinator

ORGANISING COMMITTEE

Mr. Joby Mackoll
Ms. Meera M Nair
Ms. Helen Maria George
Ms. Almie Joseph
Ms. Sneha CS
Ms. Jes Maria Shaji
Mr. Amal J Azhakahu

COORDINATORS
Akash Anil
Aida Vinoy
Jinix Checko
Augustine Shaji

Promise
EDUCATIONAL SERVICES

"SOUTH INDIA'S
LARGEST
EDUCATION CONSULTANT"

കേരളത്തിൽ
ഏകദേശം ചുരുക്കത്ത്
അവധിഷ്ഠിത ലഭ്യമാകുന്നു.

GUIDANCE FOR
COURSE SELECTION
COLLEGE ADMISSION
& EDUCATION LOAN

MEDICAL
PARAMEDICAL
NURSING
ALLIED HEALTH SCIENCE
ENGINEERING
DIPLOMA ETC...

9745177728, 9747100333

EVENTS ON
05
NOVEMBER
2022

Contact : 81237 70455
7676380910

Mail id : data-science@jcmm@gmail.com

REPORTING
TIME **09AM**

REGISTRATION DEADLINE : NOV 2, 2022

ST. JOSEPH'S COLLEGE, MOOLAMATTOM

ARAKULAM - 685 591
A COLLEGE UNDER CMI MANAGEMENT, AFFILIATED TO M.G UNIVERSITY
RE-ACCREDITED A GRADE BY NAAC

DEPARTMENTS OF DATA SCIENCE AND MATHEMATICS

EXCELSIOR 2K22

WEBSITE DESIGN

1ST

Edwin Tomy
St. Augustines HSS Karimkunnam

2ND

Abhinav Krishna B
St. Sebastian's HSS Anicadu

3RD

Joyal Emmanuel
St. Augustines HSS Karimkunnam

QUIZ

1ST

Bibin Biju & Paul Jose
St. Mary's HSS Kaliyar

2ND

Vignesh Menon S & Vishnu P G,
Vimala Public School Thodupuzha

3RD

Avanthika S & Alona Mary Shaiby
Sanjos Public School Choondacherry

Congratulations

Photo: List of Winners in various events.

2.3.1 CURRICULAR PLANNING AND IMPLEMENTATION

SELF STUDY REPORT 2023



Photo: Winners Receiving the Excelsior Certificate



Photos: News on Malayalam Daily about the event.



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List of participants:

Timestamp	Score	Name	School
1/4/2022 9:45:58	8 / 20	Aftab Mohamed Thayyil	CPS Pala
1/4/2022 9:51:04	7 / 20	Kritthik R Nair	Chavara Public School, Pala
1/4/2022 9:51:53	8 / 20	Milan Michael	St Mary's Hss Arakulam
1/4/2022 9:52:57	5 / 20	Ruby Saju	St Thomas HSS THANKAMANY
1/4/2022 9:53:20	11 / 20	Anand Sarma	SMHSS Arakulam
1/4/2022 9:55:21	10 / 20	Anumol Cyriac	St Mary's HSS Arakulam
1/4/2022 9:55:41	13 / 20	Anand Joe Nedumkallel	Vimala Matha H S S Kadalikad
1/4/2022 9:55:53	11 / 20	Jyothin Santhosh	St. Mary's HSS, Arakulam
1/4/2022 9:56:04	12 / 20	Anitta Saji	Jairani Public school Thodupuzha
1/4/2022 9:57:31	10 / 20	Nayana jose	SGHSS Muthalakodam
1/4/2022 9:57:50	5 / 20	Amrutha. K. A	Vimala Matha HSS kathallickad
1/4/2022 9:58:11	14 / 20	Arav K J	Rahmaniya H S S
1/4/2022 9:58:53	16 / 20	Jeneen kennady	St antonys mutholy
1/4/2022 9:59:31	7 / 20	Neya Saji	St. Thomas Hss thankamany
1/4/2022 9:59:47	8 / 20	Ganga Pradeep Kumar	Chavara Public School
1/4/2022 10:00:33	18 / 20	Nevil Jeesan	Jai Rani Public School
1/4/2022 10:00:46	14 / 20	Austin Jose	St.Mary's HSS Arakulam
1/4/2022 10:01:14	11 / 20	Jim Joyal Mattam	Marygiri public school koothattukulam
1/4/2022 10:01:44	14 / 20	Anju Thomas	Chavara public school pala kottayam
1/4/2022 10:03:29	9 / 20	Jeffin Sojan	St. Thomas HSS, Pala
1/4/2022 10:04:02	13 / 20	Aleena Tenny	STHSS THANKAMANY
1/4/2022 10:05:23	14 / 20	D Maneesha	Chavara Public School
1/4/2022 10:07:21	8 / 20	Fathimath Shaharbana.k	St Antonys HSS Mutholy
1/4/2022 10:09:53	12 / 20	Isha K S	Chavara Public School,Pala

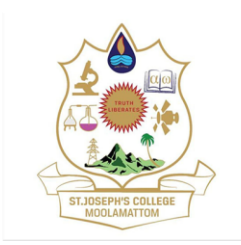


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Timestamp	apama n pillai	Class	Subject of Interest for Higher St W
10/24/2022 10:22:29	Farhana Fathima Rafeek	XII	Maths
10/28/2022 12:36:25	Abhinav Krishna B	XI	Computer Science
11/1/2022 16:18:16	ARJUN ANIL	XII	MATHEMATICS
11/1/2022 16:27:24	Gokul Krishna Ajith	XII	Computer
11/1/2022 20:03:22	Irfan majeed	XI	Medical science
11/1/2022 23:29:54	Anagha P.S	XII	Biology
11/1/2022 23:36:38	Devi Vijayan	XII	Maths
11/2/2022 6:09:23	MAHESH SANKER PM	XII	BUSINESS STUDIES
11/5/2022 9:03:45	Megha Mary Varghese	XII	Biology
11/2/2022 11:46:41	Archana James	XI	Maths
11/2/2022 13:02:38	ROSEMARY BONY	XII	MATHEMATICS
11/2/2022 13:44:33	AADINARAYANAN B	XII	COMPUTER SCIENCE, MATHE
11/2/2022 13:45:11	SURYAKIRAN R	XII	COMPUTER SCIENCE
11/2/2022 13:46:06	VISHNU P G	XII	Computer science
11/2/2022 15:30:29	Amalek Biju	XII	B Tech In Cyber Security
11/2/2022 15:37:55	Christo Biju	XII	Computer
11/2/2022 15:48:52	Joel Rajesh	XII	Computer Science
11/2/2022 19:20:26	HATHIM NALAKATH	XI	MEDICINE
11/2/2022 19:21:08	Abhinav KS	XII	Mathematics
11/2/2022 19:22:14	Abhijith Benny	XI	Nursing
11/2/2022 19:22:14	Abhijith Benny	XI	Nursing
11/2/2022 20:18:07	Karthik Binu	XII	Maths
11/4/2022 19:29:33	Ahamed yaseen	XII	Maths
11/4/2022 15:37:18	ABHIDEV KRISHNA S NAIR	XII	COMPUTER SCIENCE
11/4/2022 15:50:06	YADHU KRISHNA SATHEESH	XII	MATHEMATICS
11/4/2022 16:04:11	ANANDAKRISHNAN A	XII	MATHEMATICS
11/4/2022 17:37:07	Anitta Saji	XII	Aerospace engineering
11/4/2022 17:54:59	Sreelakshmi Byju	XI	Chemistry
11/4/2022 21:27:29	TASSO PS	XI	BIOLOGY
11/5/2022 9:14:08	Apama n pillai	XI	Medical



Report of EXCELSIOR 2K22

Title of the Programme: EXCELSIOR 2K22

Date of activity: January 4, 5, 2022

No of Participants: 60

Name of the organizing Department: Department of Mathematics

Aim: The program was oriented to enhance the mathematical and computer skill of the student and motivate them for higher studied

Program outcome:

The purpose of fest is to empower the students and to encourage their creative impulses and boost their confidence

Report

Competition was conducted in online mode. A mathematics quiz competition was conducted in online mode using google meet. Twenty students from different higher secondary schools in Kerala participated in the program. In addition to that a presentation competition and a web designing completion was also conducted to improve the skill of the students


Excelsior is an All-Kerala Higher Secondary level competition to polish the students to the finest. The purpose of fest is to empowering the students and to encourage their creative impulses to boost their confidence. This event was conducted on 4th and 5th January 2022 online. The program started with inaugural speech by Honourable Principal, Dr. Sabukutty M G and followed by the speech of Head of the Department, Rev. Fr. Dr. Jomon Kottarathil. The program was hosted by teachers of Department of Data Science. The certificate distribution ceremony for the winners was held at the college. The function was graced by the local manager of the college, Rev. Fr. Dr. Thomas George Vengaluvakkal CMI. 60 Students from various higher secondary schools were participated. The winners took their prizes from the local manager.



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DEPARTMENTS OF DATA SCIENCE & MATHEMATICS
JOINTLY ORGANISE

ALL KERALA HIGHER SECONDARY LEVEL COMPETITION

EXCELSIOR - 2K22

EVENTS

WEBSITE DESIGN	QUIZ	MULTIMEDIA PPT
PRIZE MONEY ₹ 3500 (2000, 1000, 500)	PRIZE MONEY ₹ 3500 (2000, 1000, 500)	PRIZE MONEY ₹ 3500 (2000, 1000, 500)

For Free Registration : <https://forms.gle/9mM2Uq5NwVZAoZaF8>
Contact : 81237 70455 Mail id : datascience.sjcm@gmail.com

EVENTS ON 4 - 5 JANUARY 2022

REGISTRATION DEADLINE : FRIDAY, 31 - 12 - 2021

CERTIFICATES FOR ALL PARTICIPANTS

ORGANISING COMMITTEE

<p style="text-align: center; background-color: #008080; color: white; padding: 2px; border: 1px solid black;">PATRON</p> <p>Rev. Fr. Dr. Thomas George Vengaluvakkel CMI <i>Manager</i></p> <p style="text-align: center; background-color: #008080; color: white; padding: 2px; border: 1px solid black;">CHAIRMAN</p> <p>Dr. Sabukkutty M G <i>Principal</i></p> <p style="text-align: center; background-color: #008080; color: white; padding: 2px; border: 1px solid black;">CONVENERS</p> <p>Rev. Fr. Dr. Jomon Kottarathil CMI <i>HoD, Department of Data Science</i></p> <p>Mr. Aneesh N <i>HoD, Department of Mathematics</i></p>	<p style="text-align: center; background-color: #008080; color: white; padding: 2px; border: 1px solid black;">ORGANISING COMMITTEE</p> <p>Ms. Jes Maria Shoji (Mob : 76763 80910) <i>Faculty, Department of Data Science</i></p> <p>Ms. Sruthy Sebastian (Mob : 70344 31742) <i>Faculty, Department of Data Science</i></p> <p>Mr. Amal J. Azhakathu (Mob : 96335 08869) <i>Faculty, Department of Data Science</i></p> <p>Mr. Joby Mackolil (Mob : 81237 70455) <i>Faculty, Department of Mathematics</i></p> <p>Ms. Jibitha C . J (Mob : 97463 47402) <i>Faculty, Department of Mathematics</i></p> <p>Ms. Nimisha Ann Jose (Mob : 75609 10114) <i>Faculty, Department of Mathematics</i></p>
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e-mail: sjcmoolamattom@gmail.com







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DEPARTMENTS OF DATA SCIENCE & MATHEMATICS

EXCELSIOR - 2K22 COMPETITION WINNERS

QUIZ	WEBSITE	PRESENTATION
 <p>FIRST</p> <p>JENEEN KENNADY ST. ANTONY'S HSS, MUTHOLY</p>	 <p>FIRST</p> <p>AFTHAB MOHAMMED THAYYIL CHAVARA PUBLIC SCHOOL, PALA</p>	 <p>FIRST</p> <p>ANAND JOE VIMALA MATHA HSS, KADALIKKAD</p>
 <p>SECOND</p> <p>ANAND JOE VIMALA MATHA HSS, KADALIKKAD</p>	 <p>SECOND</p> <p>NAVNEETH KRISHNA CHAVARA PUBLIC SCHOOL, PALA</p>	 <p>SECOND</p> <p>ALCIOUS MATHEW ST. THOMAS HSS, PALA</p>
 <p>THIRD</p> <p>NEVIL JEESAN JAI RANI PUBLIC SCHOOL, THODUPUZHA</p>	 <p>THIRD</p> <p>ALCIOUS MATHEW ST. THOMAS HSS, PALA</p>	 <p>THIRD</p> <p>AFTHAB MOHAMMED THAYYIL CHAVARA PUBLIC SCHOOL, PALA</p>

CONGRATULATIONS!

List of winners



Photo:

Winners Receiving the Excelsior Certificate.