

DEPT. OF COMPUTER SCIENCE MES COLLEGE ERUMELY



The department of computer science has been providing quality education since 1995. Currently there are around 156 students pursuing BCA and 6 students in M.Sc. Computer Science post-graduation degree. Besides the curricular program, the department offers co-curricular activities. Remedial teaching and peer teaching also being organized for the deserving students. With the help of the faculty members and the student body "computer association", the department has achieved many renown.

The focus area of the Department is to create Students Supportive Learning Environment at all the levels of teaching, learning and evaluation system like -

- Facilitating the students to learn the subject and make them focus on completing their course within three years.
- Creating study environments with the support of projects and examples from recent trends.

Prepared by

Mrs. Suhana. E Assistant Professor Mrs. Betty Joseph, HoD, CS. Associate Professor

Report by the Head of the Department

Dept. of computer science of MES College Erumely believes in the integrated development of students and strives to technically upgrade them So, our young learners benefit from our specialized support and the expertise of qualified, trained teaching staff. At the same time our methodology aims to develop academic knowledge with essential life skills so that students gain expertise in analysis and comprehension of acquired knowledge while developing presentation skills.

This academic year offered a wide range of seminars, webinars, workshops, day observations and training experiences.

To ensure that to fulfil the stated Vision and Mission, the department has taken different initiatives throughout the year. Regular departmental meetings are conducted on every first week of each month

The Department facilitating the quality education to the highest and conducting various curricular and co-curricular activities to make the students best in every field of study, through

- > Interaction with Board of Studies
- Effective Tutorial System
- > Peer group learning
- ➤ Value added and Bridge courses
- > student-driven projects
- > Seminars and Guest Lectures
- > Faculty development programs

Associate Prof. Betty Joseph Head of the Department

VISION

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To become a center of excellence that generates knowledge through education and learning. Also, to prepare students for a globalized and technical society and orient them towards serving the society

MISSION

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To impart high quality training at the graduate and postgraduate level with focus on basic principles of computer science. Thereby impart moral and ethical values and interpersonal skills to the students

Details of Faculty -

Academic Staff

SL. NO	NAME	QUALIFICATIONS	DESIGNATION	Year of Join
1	Betty Joseph	MCA, MBA	Associate Prof. Head	1996
2	Rejoola O M	MSc (OR & CA)	Associate Prof.	2000
3	Hari G	MCA	Associate Prof. until Dec 2020	2001
4	Geena George MCA		Associate Prof. until July 2020	2001
5	Shabeena Beeegom K H	MSc (CS)	Assistant Prof.	2005
6	Asha Jaison	MCA, Mphil	Assistant Prof.	2010
7	Anitha Mathew	MCA	Assistant Prof.	2011
8	Suhana E.	MCA, CIC, PGDCA	Assistant Prof.	2011
9	Sabjan Yoosef	MSc (CS)	Guest From 2018	2018

Support Staff

SL.NO	NAME	DESIGNATION	Year of Join
1	Jinesh Peethambaran	Lab In charge	2012

Student Strength

I Year BCA - 62

II Year BCA - 46

III Year BCA - 48

II Year MSc CS – 6

Student Representatives

I Year BCA –

- 1. Abel Kurian Sajan
- 2. Anjaly Jangid

II Year BCA -

- 1. Shibina Shibu
- 2. Emil Thomas

III Year BCA -

- 1. Merin Joseph
- 2. Anwar Razak

II Year MSc CS

- 1. Fathima Noushad
- 2. Jeffi George

Class Tutors

I Year BCA – Sabjan Yoosef

II Year BCA – Shabeena Beegon K H

III Year BCA - Anitha Mathew

II Year MSc CS - Suhana. E

Departmental Contribution to Examination Branch

Sl. No	Name of the Faculty	Contribution to the Exam Branch
	Betty Joseph	Deputy chairperson (Pala Zone)
1	Betty Joseph	Member of syllabus revision committee
1		Chief examiner
		Question Paper Setting
		Invigilation
		Additional chief superintendent
2		Question Paper Setting
	Rejoola O M	Evaluation of scripts:
		Chief examiner
		Re-evaluation of scripts
		Chief examiner
3	Hari G	Additional examiner
3	Панч	Evaluation of Scripts
		Re-evaluation of Scripts
		Invigilation
		Chief examiner
		Additional examiner
4	Chahaana Dagagam V U	Question paper Setting
	Shabeena Beeegom K H	Evaluation of Scripts
		Re-evaluation of Scripts
		Invigilation
		Additional examiner
5		Question paper Setting
3	Asha Jaison	Evaluation of Scripts
		Re-evaluation of Scripts
		Invigilation
		Additional examiner
6		Question paper Setting
	Anitha Mathew	Evaluation of Scripts
		Re-evaluation of Scripts
		Invigilation
7		Additional examiner
′	Suhana E.	Evaluation of Scripts
		Invigilation
8	Sabjan Yoosef	Evaluation of Scripts

Departmental Contribution to the College

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Faculty in charge Responsibilities	

Mrs. Betty Joseph

Head of the Department, AISHE Nodal Officer

Mrs. Rejoola O. M

NSS Programme Officer

Mr. Hari. G

Coordinator - Bhoomithra Club and Nature Club

Mrs. Shabeena Beegom K H

Coordinator - Tourism Club and Alumni Association Class In-charge

Mrs. Asha Jaison

Coordinator - Women's forum

Mrs. Anitha Mathew

Coordinator – Anti Sexual harassment cell Class In-charge

Mrs. Suhana. E

Coordinator – Mentoring and Minority Cell Class In-charge

Mr. Sabjan Yoosef

Coordinator –Sports club Class In-charge

Association Activities

ABOUT COMPASS Compass, the department association of Computer Science established in the year 2002. It offers continuing education opportunities as well as rewards for competitions and makes it single largest and most effective organization in computer science. The purpose of the association is the scientific and educational direction towards the advancement of the theory and practice of computer science and technology. This would be dedicated to bringing the best minds working in computer science and machinery together. This helps advance their field, exchange ideas, share their experiences, and build career-long relationships and focused on educational opportunities for its members



The compass association of this year was inaugurated on 9th June, 2020 by our head of the department. The chief guest for the event was Mrs. Raji S Pillai. She is the Head of the Department of Computer Applications St. Theresa's College (Autonomous), Ernakulam. The felicitation was done by the Principal, Mr. M. N Maheen followed by Assistant Prof. Jithesh K. S and Associate Prof. Hari. G. The forum's action plan was given by Mrs. Shabeena Beegom K. H (Association coordinator) and



the logo of computer association took launch during the inaugural session. The vote of thanks was delivered by Mrs. Asha Jaison (Joint coordinator).

Department Highlights and Events



Convocations

Departmental meetings occur on a consistent basis on every month. **Parent Teacher Association (PTA)** meetings oversee on each semester and **alumni meetings** conveys every year.



Seminar, Webinar and workshops

We conducted seminars for our students that involve new technologies and opportunities to share perspectives and issues related to the IT related and student driven topic.



With a global pandemic taking the world Our department runs live online educational presentation during which participating viewers can submit questions and comments.



We handled customized workshops for students, teachers and support staff that are need for skills and values- based development. Also, Faculty Development Programme (FDP) trained teachers with skills to meet the ever-mounting challenges.



Day observations

We observe various important days and conducted various competitions inside and outside students and award valuable prizes.



Learning partnerships

We directed learning partnership with students such as **peer teaching** which increases learning both for the students being helped as well as for those giving the help. **Remedial teaching** for those who have fallen in their studies or need short-term support in their learning. And **mentor** them to obtain professional and personal development on their life and career



Courses

We offered different courses for academic improvement for the students like **certificate course** and **bridge courses**.



Student based activities

We ensure our student participation of various events like, college celebrations, sports and games, intra and inter collegiate fest and other activities, Online Certificate Course etc.

Department Library & Infrastructure Facilities

Department Library Incharge : Mrs. Betty Joseph, HoD

Department Library Books Details

SL NO	Book Id	Book Name	Author	Publisher	Edition/Year of	Remarks
1	MESCS001	Data mining Concepts and Techniques	Jiawei Han Micheline Kamber	Elsever	publishing Second	Donated by alumni (Deepak, Msc Cs)
2	MESCS002	Introduction to Computers	Peter Norton	The McGraw-Hill companies	Sixth	Donated by alumni
3	MESCS003	Operating system and concepts	Abraham silberschatz	Willey	ninth	Donated by Betty Miss
4	MESCS004	English for careers	MG University	Pearson	2019	
5	MESCS005	Informatics and cyber ethics	Tijy Stephen Terry	Prakash	2019	
6	MESCS006	Programming with c language	Anjali.Divya	Prakash	2013	
7	MESCS007	Information technology for office	Dr. Antony Thomas	Parthibha	2014	Donated by alumni
8	MESCS008	Information technology for office	Information technology for office	prakash	2018	
9	MESCS009	Programming with Visual Basic 6.0	Ambily merlin	Prakash	2011	
10	MESCS010	E- commerce and general Informatics	Jacob, Anish	prakash	7 th edition	
11	MESCS011	Gate papers in Cs and Engineeering	Rakesh Mittel	GK publishers	2002-2003	Donated by Hari G ,former faculty
12	MESCS012	Security in Computing	Charles Plegar	Pearson Edu	Third	Donated by Alumni
13	MESCS013	Security in Computing	Charles Plegar	Pearson Edu	Fourth	Donated by Alumni
14	MESCS014	English English Malayalam Dictionary	T Ramalingam Pillai	DC Books		
15	MESCS015	Times Quantitative Ability for competitive exam	Time			Donated by Former Faculty
16	MESCS016	Cobol programming	M K Roy	TATA MC graw hill	Second	Donated by Alumni

17	MESCS017	Basic Statistics and Introductory Probability theory	L R Potty	Yamuna Publication		Specimen Copy
18	MESCS018	Designing Website using Front page 2000	ACCP	Aptech		Donated by Alumni
19	MESCS019	Accounting for management for MCA Students	NP Sreenivasan	S Chand Publication	2004	Specimen Copy
20	MESCS020	E Commerce & general informatics	Dr. Antony Thomas	Parthibha	2014	Donated by alumni(2 copy)
21	MESCS021	Computer Networks	Udit Aggarwal	Dhanpat Rai & Co		Specimen Copy(2 copies)
22	MESCS022	Analysis of Algorithm	Udit Aggarwal	Dhanpat Rai & Co		Specimen Copy
23	MESCS023	Data mining Concepts and Techniques	Jiawei Han Micheline Kamber	Elsever	Second	PDF format
24	MESCS024	Software for business and research	Anish Thomas	Prakash	2016	Specimen Copy
25	MESCS025	Accounting and business data processing in Cobol	Sunil Malhothra	Kalyani	2008	Specimen Copy
26	MESCS026	GATE Question Bank CS & IT	GK Publisher	GK Publisher	2010	Donated by Sheena T I ,former faculty
27	MESCS027	Software Engineering	Sajan Mathew	S Chand	2003	Specimen Copy
28	MESCS028	Software Engineering	Manish Kumar	Dhanpat Rai & Co	2011	Specimen Copy (2 nos)
29	MESCS029	Data Structures Through C	Bhaluja G S	Dhanpat Rai & Co	2015	Specimen Copy
30	MESCS030	Data Structures	Manik Sharma	Kalyani	2008	MG University Copy
31	MESCS031	System Analysis and Design	Punith Wadva	Kalyani	2009	MG University Copy
32	MESCS032	OOPs using C++	Bhaluja G S	Dhanpat Rai & Co	2008-09	Specimen Copy
33	MESCS033	Fundamentals of Digital System	Sanjan Singh	Kalyani	First	MG University Copy
34	MESCS034	Computer science with C++	Sumitha Arora	Dhanpat Rai & Co	Ninth	Donated by alumni
35	MESCS035	Top 10 of everything	IMPULSE	IMPULSE	IMPULSE	Donated by Almus
36	MESCS036	Methodology of Programming in C	Binu and Amala	Prakash	2015	MG University Copy
37	MESCS037	Accounting and Programming in Cobol	Srikanth	Vikas	2013	MG University Copy

MESCS038 **Basic Statistics** LRPotti Specimen Yamuna 38 Copy(3 COPY) MESCS039 It & Environment Binu and Amala Prakash 2019 MG University 39 Copy MESCS040 2017 MG University **Business Management** MM Abraham Prakash 40 Copy MESCS041 **Higher Secondary SCERT SCERT** 2014 41 Course CS MESCS042 Database Management& SS Kahndre S Chand 2010 Specimen 42 Oracle programming Copy MESCS043 Computer science with Dhanpat Rai 2008 Donated by Sumitha Arora 43 C++ & Co Ahilu Fathima **BCA Student** MESCS044 Donated by Programming with Java Tata Mc 2002 Balagurusami 44 Graw hill alumni MESCS045 Quantitative Aptitude R S Aggarwal S Chand 2013 Specimen 45 Copy MESCS046 **Quiz** world Sudhish Computech 1999 46 Chandran MESCS047 Fundamentals of SQL Ramon A Schaum 2002 Dept copy 47 Programming **MATTA** Series MESCS048 Web technology Rajpal Singh Kalyani 2009 MG University 48 Copy MESCS049 **Discrete Mathematics** Payal Mehtha Kalyani 2011 49 **UGC** Notes for CS MESCS050 IGNOU IGNOU PDF copy 50

Dr.Geeva Jose

Binu M B

2020

2019

prakash

Prakash

Dept Copy

Dept copy

Infrastructure Facilities

PHP

MESCS051

MESCS052

51

52

Sl No	Facilities	Quantity
1	Laptops	3 Nos
2	Printer	1 No
3	Almirah	1 No
4	Book Rack (Big)	1No
5	Book Rack (small)	1No
6	Teachers' Table	10 Nos
7	Chair	13 Nos
8	Dining Table	1 No
9	Bench	2 Nos
10	Intercom Phone	1 NO

Mobile Application

Development Android

Web Programming Using

11	Fan	4 Nos
12	Tube	4 Nos
13	Clock	1 No
14	Broadband	1No
15	Switch	1No with 8port
16	Cat 6 Cable	3 Nos
17	Waste Basket	4 Nos

	-	Class Rooms & Other Roo	m Ar	rangem	nents
SI	Room		SI	Roo	
No	No	Name of Classes	No	m No	Name of Classes
1. Administrative Block					3. PG Block
1	111	BCA Ist year			Ground Floor
2	115	Department of Computer Science	9	303	2nd year Msc Computer Science
3		Toilet (2)	10	304	1st year Msc Computer Science
Second Floor					
4	116	BCA 2nd year classroom			
5	117	BCA 3rd year classroom			
6	118	Consumer Store			
7	121	College Electrical Distribution Unit			
		First Floor			
8	207	System Lab 02 - (BCA)			

Computer Details

Computer Lab2 Details

Brand	Processor	RAM	Hard disk	Monitor	Total Num
НР	CORE-2- DUO	2 GB	350 GB	18.5 LCD	53

Computer Lab1 Details

Brand	Processor	RAM	Hard disk	Monitor	Total Num
Dell	13	4 GB	500 GB	18.5 LCD	72

Projector

Brand		Total Num
Hitachi	LCD Projector	5

Server

Brand	Processor	RAM	Hard disk	Monitor	Total Num
Dell T 30	Intel Xenon	4 GB	1 TB	19 LED	01

Switch (server room)

Firewall

Hp Procurve 24 Port - 2 nos Dlink 16 port - 01 Net gear 8 port -01 Net gear 16 port -01 Cisco ASA - 01 Table long - 22 Table short -2 Chair -66

White Board -01

Fan -11 Tube -15

CCTV Camera -01 Printer(All in One) -01

PG Lab Details

Laptop Details

Model	Processor	RAM	Storage	Monitor	nos
HCL	I3	4 GB	500 GB	15.5 LED	15

Switch

Dlink 24 port - 01 nos

CCTV Camera- 01 nos

Result Analysis 2020-21

No. of students registered:

BCA (2018-21)					N	ISc CS (2019- 21	L)	
Semester									
I	II	III	IV	V	VI	I	II	III	IV
48	48	46	45	45	45	6	6	6	6

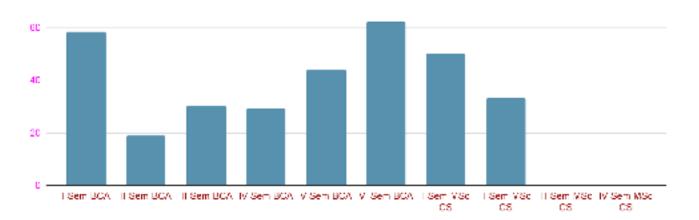
No. of students appeared:

BCA (2018-21)					N	ISc CS (2019- 2 1	L)	
Semester									
I	II	III	IV	V	VI	I	II	III	IV
48	48	46	45	45	45	6	6	6	6

RESULT	BCA (2018-21)					М	Sc CS (2019- 2	1)	
Semester	I	II	III	IV	v	VI	I	II	III	IV
Pass	28	9	14	13	20	28	3	2	Not	
%	58.33	19	30.43	29	44	62.22	50	33.33	decl	ared

RESULT 2020-21





Department Meetings

Departmental meetings occur on a consistent basis and are going to lead to well-informed and more productive employees. A positive department meeting boosts strengthen relationships and to collaborate, work more efficiently with team members, lowers staff stress, and encourages engaging conversations. What's more is that departmental meetings reinforce the mission, vision, and values. The department meeting will be held on or before 10th of every month. HOD/HOD in charge will preside over the meeting. Class in charge presenting the report of each class and taking necessary actions on behalf of that. And also maintaining the minutes of the meeting.

Main topics for discussion:

- · Students' attendance
- Students' performance in the department activities
- · Students' improvements in the examination
- · Review of last month's activities
- · Plan the activities to be done in this month



Alumni

Most of the Departments of the college have Alumni Associations. These associations actively participate in the academic and developmental initiatives of these institutions. The alumni association has a very significant role in the development of the department as well as college. They also involve funding activities, mobilizing assistance, organizing alumni meets, seminars, and other events.



The Alumni-meet for BCA batch 2017-2020 was held on the Sunday 26, July 2021 evening 5pm to 6 pm. It was the first alumni meeting conducted for the batch. The meeting was conducted via Google meet due to COVID-19 Pandemic.

Members of Alumni Association of Dept. of computer science BCA 2017-2020 batch

- Ardra Anil,
- Akhil Varghese and
- Akhil Mathew

View Alumni report 2020

Parent Teacher Association (PTA)

The Parent-Teacher Association (PTA) gathered each class separately. PTA provides parents and teachers with the opportunity to exchange views, work together with the development of students as well as college. General feedback from parents is sought and elections take place. The Head of the department and all subject teachers represent the college.

Class	Date	Venue / Meet link	Notice	Minutes
I Year BCA	23-05-2021	https://meet.google.com/ddn-zytk-vom	Click here	Click here
II Year BCA	27-07-2020	https://meet.google.com/xfg-etne-qmk	Click here	Click here
III Year BCA	28-07-2020	https://meet.google.com/pas-vqhe-viq	Click here	Click here
III Year BCA	30-05-2021	https://meet.google.com/dsw-ostb-doy	Click here	Click here
II Year Msc CS	29-07-2020	https://meet.google.com/uht-adhp-zmq	Click here	Click here

PTA Executive selection

Class	Committee member
I Year BCA	 Minimol Sajan, Thevar Thottathil, Kariamplavu P.O, Kottanadu, Ranni, Mob : 9400820118 Rasiya Najimi, payyampallil(H), Erumely. Mob: 9526286082,
II Year BCA	 Maya Suresh, padinjattinkara(h), vechoochira p.o, vechoochira. Mob: 9495987641 Renu A Nair, Paruthicadu, vellavoor p o, kottayam. Mob: 9400960604
III Year BCA	 Shajitha Razak, Plamoottil House, Ponkunnam P.O, Manimalakunnu, Mob: 9744996818 Sobhana Jayaprakas, Panamoottill(H), Chirakkadavu CentreP.O, Chirakkadavu, 9544145224
II Year Msc CS	1. P.A. Abdul Salam, Thannikkattu parambil, Yendayar. Mob: 9895601710

National webinar on Artificial Intelligence

The department webinar is organized in association with IQAC of MES College Erumely. It was on 9th June 2020 and the resource person was Mrs. Raji S Pillai. Seminar started at 11:00am. The IQAC coordinator delivered a talk on the importance of webinar on this pandemic situation. There were about 101 participants gained knowledge



The webinar coordinator Mr. Hari G. introduced the resource person and Mrs. Betty Joseph (HOD, Computer Science Department) welcomed the eminent personalities. Our Principal Mr. Maheen M.N delivered the presidential address and inaugurated the webinar.

The Computer Science department webinar was on the exciting area of AI systems. Mrs. Raji S Pillai (HOD, Department of Computer Applications St. Theresa's College (Autonomous) Ernakulam), an expert in the area, delivered an excellent talk on the subject. She went deep into the subject exploring not only AI, but all the allied disciplines such as Data Mining, Robotics etc. Mrs. Raji's talk covered the historical roots of AI and was really appreciated by faculty, students and all. Her speech was full of real life examples and really motivating for the younger generation. The webinar ended with a query and answer section at 12:15 pm.

Click to view detailed report

Orientation programme "Advanced Computing Trends FY21"

Compass, the department association of Computer Science in association with Internal Quality Assurance Cell MES College E rumely conducted the webinar "Advanced Computing Trends FY21" on 15th december 2020 as a part of the student's orientation, placement and internship programme.for the students of Computer science and related.

At the beginning of the session, Mrs. Betty Joseph, the Head of the department, and Mrs Shabeena beegom, teacher convenor welcomed the guest speaker with their kind words and Mrs. Ramadevi, IQAC coordinator gave a brief orientation about the importance of setting goals for learning as well as the core values to be followed for academic achievement. Mrs. Suhana, Programme convenor introduced Architect Binish Moulana, cloud architect at Finastra, Technopark Trivandrum. He is the former faculty of our department.

Binish began his presentation with TechSparks, Future of technology. He elaborated on a brightened future and career. He gave various examples of smart entrepreneurs and the session covered the pros and cons of being a single tasker and multi-tasker, how to keep away from excessive use of social media platforms, and



practical techniques to meet the self-assigned deadlines. He delivered a wonderful presentation of new technology trends like Artificial Intelligence, Machine Learning, Edge Computing, Quantum Computing, Blockchain, Internet of Things (IoT) and more. There were a multifarious group of attendees for the session. Numerous queries were entertained during the session and participants actively involved themselves in gaining insight on how to be productive during the global crisis.

Finally, the session concluded by closing remarks and the vote of thanks extended by the student coordinator Ms. Sangeetha. The good conduct of the session was recognized by the moderator Mrs. Asha Jaison. Overall, the session proved to be very informative and served its purpose. Feedback was collected and the e-Certificate was issued to all participants

Click to view webinar report

Project based Seminar

On 29th march 2021 a session "How to develop a good software?" was conducted for the students of computer science, which focus on the area of software development as our students project topics.

Resource persons -

- ★ Ms. Sona Maria Sebastian
 Asst. Professor, Dept. of MCA,
 Amal Jyothi College of Engineering Kanjirappally
- ★ Mr. Aravind S.

 Software Developer.

 CMA CGM, France

Both are alumnus of our department (BCA 2007-2010 batch)

Session Details

Session	Facilitator	Topic
Morning Session	Ms. Sona Maria Sebastian	Software/ Project development and tools for testing and prototyping
After noon session	Mr. Aravind S	GitHub



The session was well received and provided an insight into the key ways about their projects. The participants got an idea on how to involve course related projects.

Click to view the full report

Webinar on Human Rights: A 2020 Perspective



On 16th December 2020, the Computer science department conducted a webinar on "Human Rights: A 2020 Perspective". It is conducted on the occasion of human rights day (10th December).

Resource person

Dr. Jaisy Karingattil , Asst.Professor CSI College for Legal Studies, Kottayam.

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Webinar on Make your career in Computer Science and Electronics

The Department of Computer Science and Dept. of Electronics jointly conducted a webinar on 26th August 2020 titled as " Make your career Grow in Computer Science and Electronics".

Resource person -

Dr. Juby Mathew, Amal Jyothy College of Engineering Kanjirapally.



Students' achievements

Dept. of computer science got first prize in "Youth parliament competition" conducted by parliament affairs club



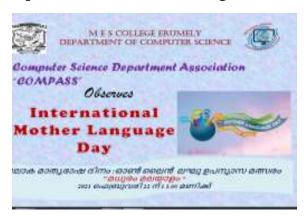


* I year BCA - Nourin Nazar got second prize in Onappattu



online Onam celebration by our college

❖ Sruthy Jayaprakash and Shamjad Mazood Nazar of 3rd year BCA won the prizes in Short essay competition (online) of the topic "Madhuram Malayalam".



- First and Second prize in Poster Designing competition conducted by the Tourism club of our college.
 - □ First Prize **Abel Kurien Sajan** (I year BCA) and
 - □ Second prize **Adithya S.** (I yr BCA)



Students' achievements

Anwar Razak of 3rd year BCA got prize on tourism day competition



Sangeetha of final year student got first place in JAM competition organized by Women's forum



Samjad Mazood Nazer of Final year student completes National level online quiz on "Indian Tourism" organised by Dept. of Tourism, JPM Arts & Science College, Labbakkada on o3-August- 202



Brittonic ebinezer and Adithyha. S of first year BCA students awarded First and Second place in photography contest conducted by Dept. of Management studies



CSI State Student Convention 2020

CSI conducts Student Conventions annually, to enhance the awareness of technological developments and applications, and foster creative professional orientations among the academic community. Students of the department of computer science participated in the - Regional Student Convention (Region VII) hosted by the Department of Computer Science and IT, Amrita School of Arts and Sciences, Kochi, held during 11-12 December, 2020

Participants

- ❖ Ardra Anil Final year BCA
- Litto thomas Final year BCA
- Tibin Final year BCA
- swaliha from I Msc





Day observations - World water day

Department of computer science celebrated world water day on 22-03-3021 with the following events

→ Poster design competitions with a theme 'Valuing Water'



There were 35 students participating in the competitions.

Winners: I Prize: Ajith V A (I Year MCom)

II Prize : Vrinda Reji (I Year MSc Electronics)

→ Planted saplings on the pots in the premises of our department





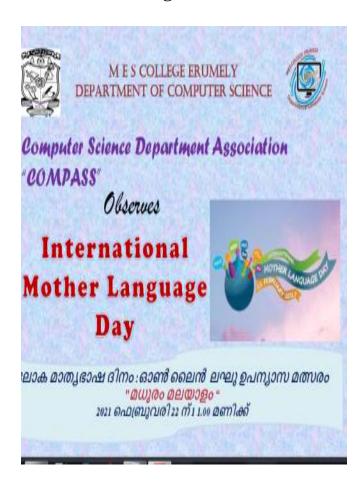
→ Posters displayed on the notice board across the college to spread awareness to save water

Click to view report

Day observations

International Mother Language Day

As part of the International mother language day (IMLD), the computer science department had organized a short essay writing competition on 22nd February 2021 at 11am. The theme of the essay writing competition was "Madhuram Malayalam". A total of ten students participated in the competition and wrote on the theme. The programme was coordinated by Mrs. Sabeena Beegom K H.



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World Computer Literacy Day

The computer science department association COMPASS in association with IQAC of our college had observed World Computer Literacy Day on 2nd december 2020 with the following events.

- ➤ Brochure Design competition of the theme 'World computer literacy day'. Students came up with many different and unique ideas.
- Logo making competition for the computer science association COMPASS. The logos were judged on different grounds such as pertinence, description, appeal, uniqueness and effectiveness.



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SWAYAM Course

MES COLLEGE ERUMELY LOCAL CENTER NO.: 3622

Local Chapter of National Programme on Technology Enhanced Learning (NPTEL), which is an initiative by seven Indian Institutes of Technology and Indian Institute of Science appeals to forward and to encourage more students across colleges to participate in this initiative

Being a 'Local Chapter of NPTEL all the students in our department joined in NPTEL online courses. NPTEL chapter in colleges (termed as NPTEL - Local Chapters) has been set up by NPTEL which will be under the headship of a faculty member of the college, who would be the Single Point of Contact (SPOC).

Learning is done by watching videos and this is tested by the weekly assignments that are to be submitted online within the prescribed deadline. There is an optional proctored certification exam that the learner can take for a nominal fee at the end of the course to earn certificates. 25% of the final marks comes from the Assignments and 75% from the final exam.

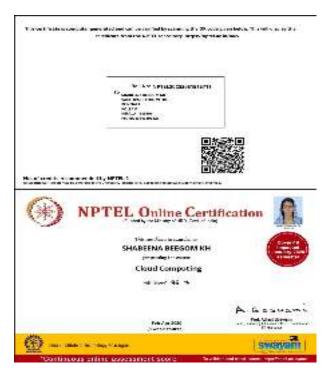
Click to view MES College erumely SWAYAM - NPTEL Local Chapter details

SL. No	Name of faculty mentor	Course Name	Duration	Number of Mentee Students
1	Betty Joseph	Internet of things (IoT)	12 weeks	15
	Shabeena Beeegom K H	Internet of things (IoT)	12 weeks	16
2	Suhana E.	Business Analytics & Data Mining Modeling Using R Part II	4 weeks	6
4	Asha Jaison	Fundamentals of computer system	12 weeks	11
5	Anitha Mathew	Fundamentals of computer system	12 weeks	12
6	Rejoola O M	Fundamentals of computer system	12 weeks	11
7	Sabjan Yoosef	Fundamentals of computer system	12 weeks	12

Click here to view the details of SWAYAM Course

Certificate of faculties









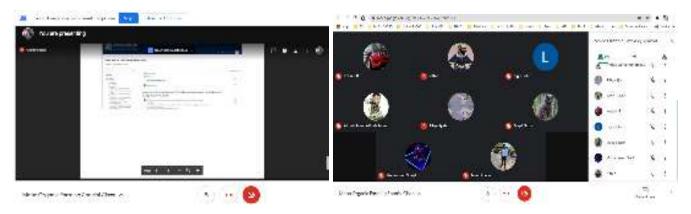
Click here to view the details on SWAYAM-NPTEL Local Chapters

Mooc on Organic Farming

As per the instructions from Mahatma Gandhi University department of computer science becomes part of MOOC on Organic Farming course. The course is mandatory for all students doing UG Programmes. Assistant Prof. Suhana becomes the mentor for 62 students of first year BCA.

Implementation of MooC on organic farming course

- **Registration :** The registration process completed in the month of June. Login name and password were provided to the students.
- **Study Material distribution :** The instructions and study materials were uploaded by the university.
- **Classes**: The mentor regularly conducted online classes for the students.



- **Evaluation**: It has two phases
 - *Phase I* The Powerpoint presentation of 20 marks was held between 28-06-2021 to 05-07-2021. <u>Click here for the presentation report</u>



 Phase II - Project report of 80 marks. Every student timely submitted the final project report. <u>Students Report</u>

Peer teaching Classes conducted

Subject	Subject : Linux Administration							
SL.No.	Name	Topic	Date & Time					
1	Aishwarya	looping - while, until	Tuesday 13-04-2021 3rd hour (11am : 11.45am)					
2	Sruthi	For loop, break, Continue	Thursday 15-04-2021 2nd hour (10am : 10.45am)					
3	Aparna K Manoj	Roles of system administrator and common administrative task	Monday 19-04-2021 4th hour (12pm : 12.45pm)					
4	Sangeetha	Filter commands cut, paste, uniq, pr	Tuesday 20-04-2021 3rd hour (11am : 11.45am)					
5	Yedhu	Filter commands sort, grep, egrep,sed, tr	Wednesday 21-04-2021 2nd hour (10am : 10.45am)					
6	Samjad	Linux server DHCP, DNS, Squid, Apache, Telnet, FTP,Samba.	Wednesday 21-04-2021 3rd hour (11am : 11.45am)					

Subject : Data Mining

SL. No.	Name	Topic	Date & Time
1	Fathima Noushad	laffribufes-nominal binary ordinal	Monday 08/03/2021 10.00am : 10.30am
2	Swaliha P H	Data integration and Data transformation strategies	Monday 08/03/2021 10.30am : 11.00am
3	Teena Thomas	Data transformation by normalization, Discretization by Binning, Histogram Analysis.	Monday 08/03/2021 11.00am : 11.30am
		Binning, Histogram Analysis.	

Subject: Methodology of programming in C

SL. No.	Name	Topic	Date & Time
		Arrays, Declaration and	
1	Mr. Shamjad	initialization,How to insert values in	Monday 08/03/2021
1	Mazood nazer	an array and different types of	12.00pm : 1.00pm
		arrays with examples	

View peer teaching report

Dept. innovative teaching learning practices

Teaching and learning innovative practices are introduced to raise the curiosity of a student. The following innovative practices are undertaken by the faculty members of computer science department for improving teaching and learning experience

Innovative Practices	Outcome
	Hands on experience, Peer-to- peer Learning
Lecture method	Experiential learning, Collaborative Learning
	Audio-Visual presentations through LCD and
	Virtual classrooms
Interdisciplinary Lectures	Aware students with the latest relevant
	technologies in different computing fields.
Major/Mini Projects	Prepare students to develop live projects on
	their own.
Student Seminars	Motivating students for self Study and Group
	Study.
Course Assignments	Encourage student collaboration through
	supplement learning
Communication Skills	Improve the presentation and speaking skills
	in group discussion as well as in interviews
	faced.
Seminars/	Engages students by using real-world
Webinars/	challenges, problems, and scenarios to evoke critical thinking, problem-solving,
workshops	collaboration, and self-management
onlineTutorial	Enhance the overall comprehension of
ommer utoriai	students in a more dynamic way
Virtual Lab	·
	Exposure of Programming & Lab practices
NPTEL Lectures	Promote self learning and to share knowledge
	among students

Mentoring

The computer science department follows the mentoring system initiated by IQAC. The students are grouped and assigned a mentor teacher who is responsible for collecting academic performance and class attendance of individual students. The mentor regularly meets with mentees and is given necessary information regarding his/her mentees and is expected to offer guidance and counseling as and when required. In isolated cases, parents are called for special meetings with the Principal at the suggestion of the mentor. The result of the system has been implemented significant improvement in the teacher-student relationship.

The system has been useful in identifying slow learners and advanced learners. The department organizes a remedial class on different subjects within the syllabus for poor/slow learners.

Department Mentor list 2020-21

Name of the menter	Number of Mentees
Mrs. Betty Joseph	22
Mrs. Shabeena Beegom K H	23
Mrs. Suhana E.	13
Mrs. Asha Jaison	18
Mrs. Anitha Mathew	19
Mrs. Rejoola O M	18
Mr. Sabjan Yoosef	25
Mr. Hari. G	24

Mentor - Mentee list listed in appendix

Certificate Course conducted

Course name: Raspberry Pi Programming using Python



Objective: Basics of linux and its commands, statement and operations in python, internet of things and technologies used in iot, raspberry pi programming fundamentals and interfacing of raspberry pi and security measures.



Syllabus: <u>Click here</u> Duration: 30 hours

No. of Registrations: 67

Attendance sheet: Click here

Course Coordinator:

1. Mrs. Suhana. E

2. Mrs. Shabeena Beegom K. H

3. Mrs. Asha Jaison

Exam link Click here

certificate ceremony





Bridge Course conducted

Course Name: Programming concepts

Objective: To provide students with understanding of programming essentials, including algorithms, data types, elementary control structures of programming paradigms.

Syllabus:

Module- 1 (5 hours)

Computer system – Components, definition of hardware , software , and firmware . Categories of software - system software, application software. Concept of OS – types of OS. Basics of computer language - types of language – low level and high level languages.

Module - 2 (10 hours)

Basic concepts of programming – sequence of commands, conditional structure, looping structure , programming strategy- algorithm.

Duration: 15 hours

No. of Registrations: 44

Attendance sheet: Click here

Course Coordinator:

- 4. Mrs. Suhana. E
- 5. Mrs. Shabeena Beegom K. H
- 6. Mrs. Asha Jaison

Exam link Click here

Faculty Attended Programmes (In-house & Outside)

Participation of Faculty who attended

FDPs/ STTPs 11
Workshops 6
Seminars / Webinar 50
Online courses 10
NPTEL / Coursera 10

Click here for more details of faculty attended programmes

Webinar Conducted by MES College Erumely COVID 19 Tourism: Community Art of Writing Socio Economic Covid19 - Pandemic Startup Role of National Prospects Opportunities Based Disaster Artificial NPTEL Research / Review Repercussions of Impact on Explosion in India opportunities in Faculties of Dept. of Intelligence Articles for Preparedness-Agriculture-Service Scheme and of IT in E-Awareness COVID-19 IQAC & Unnath Bharat Commerce and E-waste Challenges and 09 June Problems & in COVID-19 Challenges Pandemic Era workshop Computer Science Pandemic on Publishing in peer Abhiyan (UBA), Management Opportunities 21 July 2020 23 July 24 july 2020 30 July 2020 Opportunities 2020 Reviewed journals Indian Economy 15 July 2020 04 June 2020 22 August 2020 16 July 2020 2020 25 May 2020 03 June 2020 06 June 2020 ✓ ✓ √ √ Betty Joseph ✓ **V** ✓ ✓ √ ✓ ✓ ✓ ✓ ✓ Rejoola O M ✓ ✓ ✓ ✓ √ √ √ Hari G √ ✓ ✓ ✓ ✓ ✓ ✓ ✓ Shabeena Beegom K H √ √ ✓ √ **√** √ √ √ Asha Jaison √ √ √ √ **V** √ ✓ √ ✓ ✓ Anitha Mathew ✓ ✓ ✓ ✓ ✓ √ √ ✓ ✓ ✓ √ **V** Suhana, E Sabjan Yoosef

Paper presentations/Paper publications by faculty

Asha Jaison and C. Deepa, "A Review on Facial Emotion Recognition and Classification Analysis with Deep Learning," *Bioscience Biotechnology Research Communications*, vol. 14 No 05, no. Special Issue, pp. 154-161, 2021.

DOI: http://dx.doi.org/10.21786/bbrc/14.5/29

Asha Jaison and C. Deepa, "Facial Emotion Recognition and Classification - A Review," Shodh Sanchar Bulletin, vol. 11, no. 41, pp. 136-142, 2021.



Staff Training Program



All the faculty members of Dept. of Computer Science attended the workshop on "Programme Outcome, Programme specific Outcome and Course Outcome" on 5th and 6th of March

❖ All the faculty members of Dept. of Computer Science attended a six days faculty development Programme of Moodle - Learning management system on 3rd to 11th September 2020.





Appendix

Mentor Mentee list 2020-21

memor w	Mentee list 2020-21 MES COL	LEGE ERUMELY			
DEPARTMENT OF COMPUTER SCIENCE					
	MENTOR	R - MENTEE LIST			
Batch	В	CA 2020 Admission			
SL No	Name of Mentor	Reg No of Mentee	Name of Mentee		
1			ABEL KURIAN SAJAN		
2			ABHISHEK S		
3			ABY ARUN		
4	Shabeena Beegom K H		ADITHYA R GOPAL		
5			ADITHYA UNNI		
6			ADITHYA VIJAYAN		
7			ADITHYA S		
8			AFTHAB JAMAL		
9			AHALYA MANOJ		
10	**		AJITH SURESH		
11	Hari. G & Sabjan Yoosuf		AKASH N		
12	(2021 Onwards)		AKHIL M R		
13	, ,		AKHIL SUMESH		
14			ALAN SEBASTIAN		
15			ALFIYA AJISH		
16			ALFIYA NAJIMI		
17			AMEEN KHAN		
18	Betty Joseph		AMEER SHA		
19			AMRUTHA AJI		
20			ANAN ASHRAF		
21			ANJALY JANGID		
22	Reioola O M		ANSIF C S		

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	ANU RAMLAL
	ARAVIND V NAIR
	ASHIF NEJIMI
	ASHKER MUHAMMED
	ASHNA MOL T A
	ATHIRA MADHUSUDHANAN
	BASID SALI
	BINIL K BINS
	BLESSON RAJ
Asha Jaison	BLESSON RAJU THOMAS
	BRITTONIC EBENEZER
	ELZIT MATHEW
	FATHIMA SALIM
	GANESH S
	ISSAC PRINCE
	JACOB ABRAHAM
Anitha Mathew	JACOB ANTONY
	JERIN SABU
	JOEL BABU
	JYOTHIKA S NAIR
	KEVIN K R
	LEEYO NUWIS
	LIGIN JOHN PHILIP
Suhana E	MAJID NAZER
	MANASSA BABU
	MUHAMMAD SHAJID
	MUHAMMAD ASLAM
	NIBIN B
-	Anitha Mathew

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52	RIJO P RAJU	
53	ROSHAN VARGH	IESE
54	RUBEN T JAMES	
55	S HARIKRISHNA	N NAIR
56	SABHAMOL P HA	NEEFA
57	SAHIR SAJUDHE	EN
58	SANDRA SAJI	
59	SANJU SANTHOS	SH
60	SONU SURENDE	RAN
61	SURYA BIJU	
62	TOJIN VARGHES	E

Batch	atch BCA 2019 Admission			
SL No	Name of Mentor	Reg No of Mentee	Name of Mentee	
1		190021090332	Abdul Raoof V A	
2		190021090333	Abhilash Mathew. v	
3		190021090334	Afiya Ismail	
4		190021090335	Ajith A	
5		190021090336	Ajmal Illiyas	
6	Asha jaison	190021090337	Ajo Siby	
7		190021090338	Aleena Abraham	
8		190021090339	Alfiya Yoosuf	
9		190021090340	Alfiya A Kabeer	
10		190021090341	Alfiya P S	
11		190021090342	Alfiya K	
12		190021090343	Amal Santhosh	
13		190021090344	Amal T sabu	
14		190021090345	Amal Varghese	
15	Rejoola O M	190021090346	Anandu A S	
16		190021090347	Anandu Saleemkumar	
17		190021090348	Arif Mohammed	

	<u> </u>		1
18		190021090349	Ashna s
19		190021090350	Aswin P J
20		190021090351	Athulya Manoj
21		190021090352	Dilu Prakash
22		190021090353	Emil Thomas
23		190021090354	Fahad C Jamal
24		190021090355	Fathima Anas
25		190021090356	Filjo kurian
26		190021090357	Firoz Mohammed
27		190021090358	Jeffin Thomas
28	A : th N(- th	190021090359	Jerry Mol P R
29	Anitha Mathew	190021090360	Jomon Joseph
30		190021090361	Kannan S Nair
31		190021090362	Muhammed Abbas
32		190021090363	Nandu R
33		190021090364	Nikhil Gopinath
34		190021090365	Nourin Nazar
35		190021090366	Rakhi P S
36		190021090367	Reshma Suresh
37		190021090368	Resna Ibrahim
38		190021090369	Sabin soman Mathew
39		190021090370	Sabith siraj
40	Sabjan Yoosuf	190021090371	Shahana Basheer
41	Jabjan 1003ai	190021090372	Shibina shibu
42		190021090373	Siddarth Dileep
43		190021090374	Sruthi S Nair
44		190021090375	Subin Subhash
45			
45		190021090376	Tincymol Babu

Batch	MSc Computer Science 2019 Admission			
SL No	Name of Mentor Reg No of Mentee		Name of Mentee	
1		190011013025	Fathima Noushad	
2		190011013026	Jeffi George	
3		190011013027	Rohith Miraj K.V	
4	Suhana E	190011013028	Sonu Sajeev	
5		190011013029	Swaliha.P.A	
6		190011013030	Teena Thomas	

Batch	BCA 2018 Admission	_	
SL No	Name of Mentor	Reg No of Mentee	Name of Mentee
1	Hari G	180021093559	ABHIJITH RAJ
2	&	180021093560	ABHIRAM V SATHYAN
3	\	180021093561	ABIN ALOSIOUS
4	Rejoola OM	180021093562	ADARSH P A
5	(2021 Onwards)	180021093563	AFNAN NAJEEB
6		180021093564	AFSAL BABU
7		180021093565	AFSANA KARIM
8		180021093566	AISWARYA MOHANAN
9		180021093567	AMJADHA HANEEFA
10		180021093568	ANUPAMA S S
11		180021093569	ANWAR RAZACK
12		180021093570	APARNA K MANOJ
13		180021093571	ARAVIND PRASAD
14		180021093572	ARCHANA N S
15		180021093573	ARIF MUHAMMED
16		180021093574	ARUN JOSEPH
17		180021093575	AYSHA KHATHOON JALEEL
18		180021093576	BENLEE GEORGE
19	Betty Joseph	180021093577	BIJITHA BIJU

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20		180021093578	CHRISTYMOL JAMES
21		180021093579	CIJO JOSEPH
22		180021093580	DHANEESH SOMAN
23		180021093581	FATHIMI K AJI
24		180021093582	FELIN MUNNA MUHAMMED
25		180021093583	FEWIN JAMES
26		180021093584	JACKSON GEORGE
27		180021093585	JASIYA K Y
28		180021093586	JERIN MATHEW
29		180021093587	JITHU PHILIP
30		180021093588	K M MIDHUNRAJ
31		180021093589	KIRAN P R
32		180021093590	MARFIYA SALIM
33		180021093591	MERIN JOSEPH
34		180021093592	MOHAMMED IRSHAD
35		180021093593	MOHAMMED NASEEMUDHEEN
36		180021093594	MUHAMMED YASEEN
37		180021093595	RIJO PHILIPOSE
38		180021093596	ROHITH P SURESH
39		180021093597	SANGEETHA S
40	Shabeena Beegom K H	180021093598	SARUN JACOB GEORGE
41	Shabeena beegom K II	180021093599	SHAMEER SALIM
42		180021093600	SHAMJAD MAZOOD NAZER
43		180021093601	SHEMEEMA SATHAR
44		180021093602	SHIBIN SHAJI
45		180021093603	SRUTHI JAYAPRAKASH
46		180021093604	SUDHEESH C
47		180021093605	VARGHESE THOMAS
48		180021093606	YEDU KRISHNAN T Y

Main Project list 2020-21

MES COLLEGE ERUMELY

Department Of Computer Science VI SEMESTER BCA (2018 ADMISSION)

Software Development Lab - II (Main Project)Topics

SL No.	Reg.No.	Name	Project Topic
1	180021093559	Abhijith Raj	Pocket Certificate Management System
2	180021093560	Abhiram V Sathyan	Shopping Based On Product Review
3	180021093561	Abin Alosious	Disaster Management System
4	180021093562	Adarsh P A	Resort Management System
5	180021093563	Afnan Najeeb	E-learn System
6	180021093564	Afsal Babu	Crime Management System
7	180021093565	Afsana Karim	Forest Department Monitoring System
8	180021093566	Aiswarya Mohanan	E-Biz system
9	180021093568	Anupama S S	Dispensary Information Tracking system
10	180021093569	Anwar Razack	Cyber Spy
11	180021093570	Aparna K Manoj	Lawyers Information Handling System
12	180021093571	Aravind Prasad	Online Sports Truf Playground Management And Booking System
13	180021093572	Archana N S	Human Anatomy And Resource Management System
14	180021093573	Arif Muhammed	Question Pool system
15	180021093574	Arun Joseph	Hardely's Travelogue system
16	180021093575	Aysha Khathoon Jaleel	Volunteer For Action System
17	180021093576	Benlee George	Built Your Dream:Construction System
18	180021093577	Bijitha Biju	Public Distribution System
19	180021093579	Cijo Joseph	Human Organ Donation System
20	180021093581	Fathimi K Aji	Garbage Repository System

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21	180021093582	Felin Munna Muhammed	Resort Merging System
22	180021093583	Fewin James	Integrated Patient Management System
23	180021093584	Jackson George	Civil Registry System
24	180021093585	Jasiya K Y	Policy Craft Management System
25	180021093586	Jerin Mathew	Home Maintenance Services System
26	180021093587	Jithu Philip	Covid19 Live system
27	180021093588	K M Midhunraj	Rento Hub system
28	180021093589	Kiran P R	Aid For Farmer System
29	180021093590	Marfiya Salim	Women Protection Cell System
30	180021093591	Merin Joseph	Marine Network Tracker System
31	180021093592	Mohammed Irshad	AI Based Service Hub System
32	180021093593	Mohammed Naseemudheen	Heal on you
33	180021093594	Muhammed Yaseen	Child Health Care System
34	180021093595	Rijo Philipose	Photography Management System
35	180021093596	Rohith P Suresh	Dream Building & Home Management System
36	180021093597	Sangeetha S	Data Outsourcing System
37	180021093598	Sarun Jacob George	College Book System
38	180021093599	Shameer Salim	Pension Care System
39	180021093600	Shamjad Mazood Nazer	Department Management System
40	180021093601	Shemeema Sathar	Blood Bank System
41	180021093602	Shibin Shaji	Panda File Auditing System
42	180021093603	Sruthi Jayaprakash	Women's Own Cloth Store System
43	180021093604	Sudheesh C	Educare System
44	180021093605	Varghese Thomas	Career Guidance system
45	180021093606	Yedu Krishnan	Bikers Portal System
46	170021098816	Sharafiya T S	Food Buddy: Online food delivering system

MOOC on Organic Farming Project Report status

MES COLLEGE ERUMELY

Dept. of Computer Science

"Mooc on organic farming" Project Report status

SL. No	Name	Submitted Date	SL. No	Name	Submitted Date
1	Abel Kurian Sajan	24-09-2021	32	Fathima Salim	24-09-2021
2	Abhishek	24-09-2021	33	Ganesh S	08-10-2021
3	Aby Arun	24-09-2021	34	Issac Prince	24-09-2021
4	Adithya R Gopal	4-10-2021	35	Jacob Abraham	24-09-2021
5	Adithya S	25-09-2021	36	Jacob Antony	1-10-2021
6	Adithya Unni	28-09-20212	37	Jerin Sabu	08-10-2021
7	Adithya Vijayan	24-09-2021	38	Joel Babu	24-09-2021
8	Afthab Jamal	1-10-2021	39	Jyothika S Nair	24-09-2021
9	Ahalya Manoj	24-09-2021	40	Kevin K R	24-09-2021
10	Ajith Suresh	24-09-2021	41	Ligin John Philip	24-09-2021
11	Akash N	24-09-2021	42	Majid Nazeer	24-09-2021
12	Akhil M.R	08-10-2021	43	Manassa Babu Thomas	28-09-20212
13	Alan Sebastian	1-10-2021	44	Muhammad Shajid	24-09-2021
14	Alfiya Ajish	25-09-2021	45	Nibin B	08-10-2021
15	Alfiya Najimi	24-09-2021	46	Nithin T H	08-10-2021
16	Ameen Khan	1-10-2021	47	Rijo P Raju	24-09-2021
17	Ameer Sha	13-10-2021	48	Roshan Varghese	08-10-2021
18	Amrutha Aji	24-09-2021	49	Ruben T James	1-10-2021
19	Anan Aysha Asharaf	24-09-2021	50	S Harikrishnan Nair	13-10-2021
20	Anjaly Jangid	24-09-2021	51	Sabhamol P Haneefa	24-09-2021
21	Ansif. C. S	1-10-2021	52	Sahir Sajudheen	24-09-2021
22	Anu Ramlal	08-10-2021	53	Sandra Saji	24-09-2021
23	Aravind V Nair	24-09-2021	54	Sanju Santhosh	24-09-2021
24	Ashif Nejimi	1-10-2021	55	Tojin Varghese	1-10-2021
25	Ashnamol T.A	24-09-2021	56	Ashker Muhammadu	13-10-2021
26	Athira Madhusudhanan	28-09-20212	57	Blesson Raj	28-09-20212
27	Basid Sali	25-09-2021	58	Leeyo Nuwis	24-09-2021
28	Binil K Bins	1-10-2021	59	Muhammad Aslam	08-10-2021
29	Blesson Raju Thomas	28-09-20212	60	Sonu Sundaran	11-10-2021
30	Brittonic Ebinezer	08-10-2021	61	Akhil Sumesh	28-09-20212
31	Elizit Mathew	24-09-2021	62	Surya Biju	25-09-2021