

MACFAST
Research Forum

Detailed Activity Report

2018-2021

Faculty Co-ordinator : Dr. Jenny Jacob

The research forum was created with the objective of providing a common platform for the exchange of scientific thoughts. As an initiation into research, the faculties holding PhD degree would present their PhD related work to the faculty of all three departments and interested students could also attend this presentation. The purpose of the presentation would be in discussing the problems faced in selecting a subject, implementation of the work plan, how the objectives were described for the proposed work and the challenges faced during the completion of the work. This annex thesis presentation aims to instigate scientific temper in both the faculty and the students. The forum provides a proper channeling of the resourcefulness of faculty colleagues in linking and promoting inter-disciplinary research. The meetings were held once every month and the presentations were handled by the faculties from Department of Management studies, Department of Computer Applications and the School of Biosciences who have a PhD degree. The schedule proceeded normally till the start of the lockdown. The presentations have now been rescheduled to the online platform until the current situation prevails.

Sl No	Presentations	Date & Month	Year	Topic presented
1	Dr. Neethu Ann Georgie	23 rd October	2018	A study on perception towards promotional offers with respect to FMCG sector in Kerala
2	Dr. Shilpa Lekshmi L	1 ^{3rd} March	2019	Drug repurposing of minocycline against dengue virus infection
3	Dr. Terry Jacob Mathew	27 th June	2019	Basics of Digital Image Processing



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Thiruvalla - 689101

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4	Dr. Sudeep B. Chandramana	16 th July	2019	A Study on the impact of organized retail marketing in the buying behaviour of households in Kerala state
5	Dr. Jenny Jacob	27 th August	2019	Anti-inflammatory action of medicinal plant based on COX & LOX dual inhibition
6	Er. Brejit Lilly Abraham	24 th March	2019	Feature clustering-based anomaly detection from document pool modelled with topic specificity and utility factors
7	Dr. Vijayamohan V. P.	29 th October	2019	A study on social responsibility of nationalized commercial banks in the upliftment of weather sections in Theni district – Tamil Nadu
8	Dr. Blessan Santhosh George	19 th November	2019	Isolation and functional characterization of recombinant lectin from <i>Withania somnifera</i> L.
9	Dr. Ashalakshmi RK	28 th January	2020	A study on the need for cultural compatibility in HRM with special reference to industry in Kerala
10	Dr. Treesa Varghese	13 th February	2020	Role of autolytic enzymes on muscle softening and the resultant physico-chemical changes during the post-mortem storage of selected freshwater fishes
11	Dr. Soumya Madhavan	10 th November	2020	Targeted gene disruption and expression studies for functional analysis of genes in <i>Schizopyllum</i>

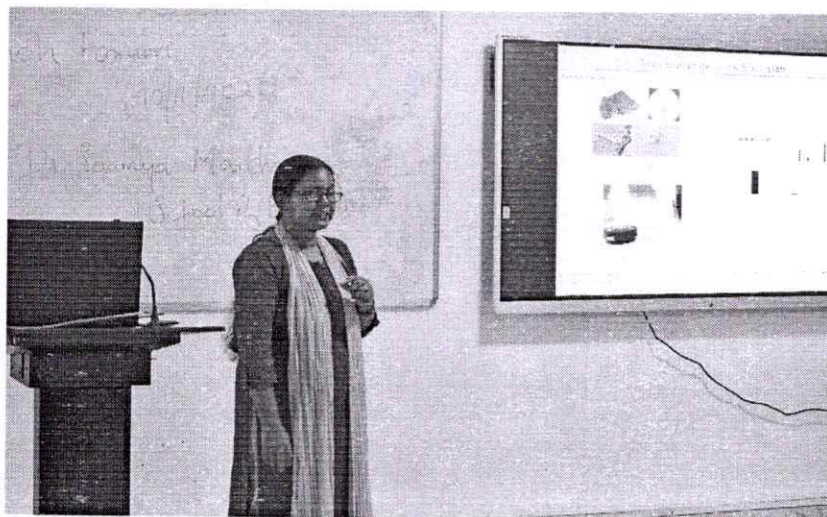


12	Dr. Jyotishkumar P	26 th October	2021	Recycling of polymer materials
13	Dr. Smitha Vijayan	24 th November	2021	Chitosan nanoparticles: A promising tool in nanomedicine and agriculture

Photos of Sessions taken up by Research Forum Faculty Members

The brochure features the MACFAST logo at the top center. Below it, the text reads: "RESEARCH FORUM Targeted gene disruption and expression studies for the functional analysis of genes in *Schizophyllum commune*: The Journey of my doctoral research". On the left, it lists the "FACULTY COORDINATOR" as Dr. Jenny Jacob, Associate Professor, School of Biosciences, MACFAST. On the right, there is a circular portrait of Dr. Soumya Madhavan, Asst. Professor, School of Biosciences, MACFAST. The event details are: "10 NOV 2020" and "2:30 PM". A registration link is provided: "Registration : <https://forms.gle/sJDXV7pQNHnbZzWF7>". At the bottom, there are social media icons for Facebook, Instagram, and Twitter, followed by "MACFAST OFFICIAL". The website "www.mactast.org" and a QR code are also present.

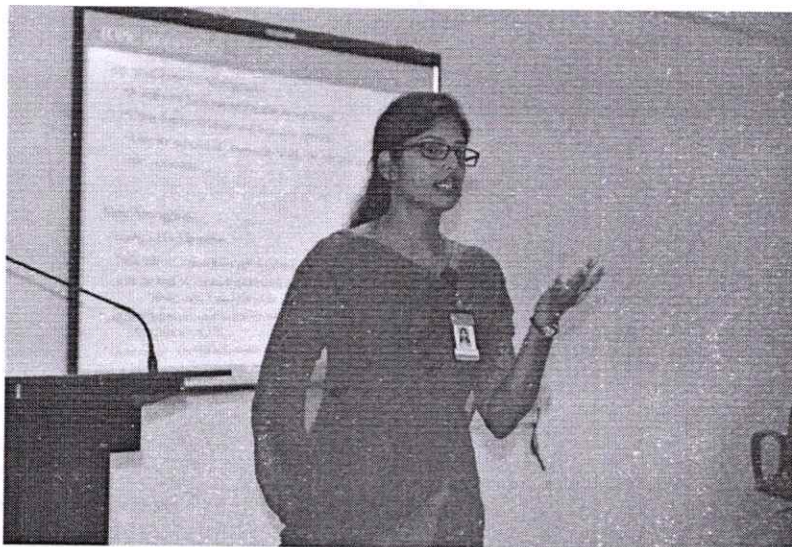
Sample Brochure for Research Forum Presentations



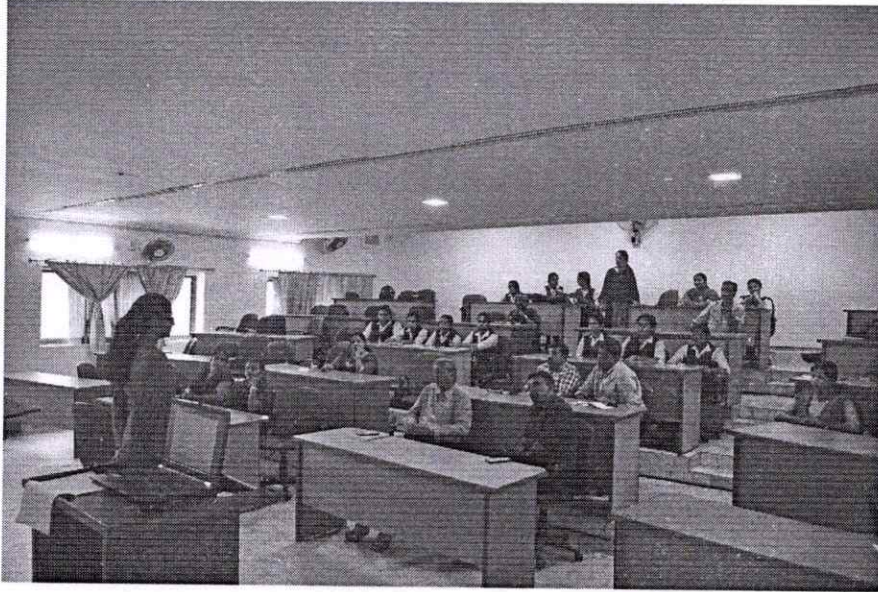
Research Forum Presentation by Dr. Soumya Madhavan on 10th Nov 2020



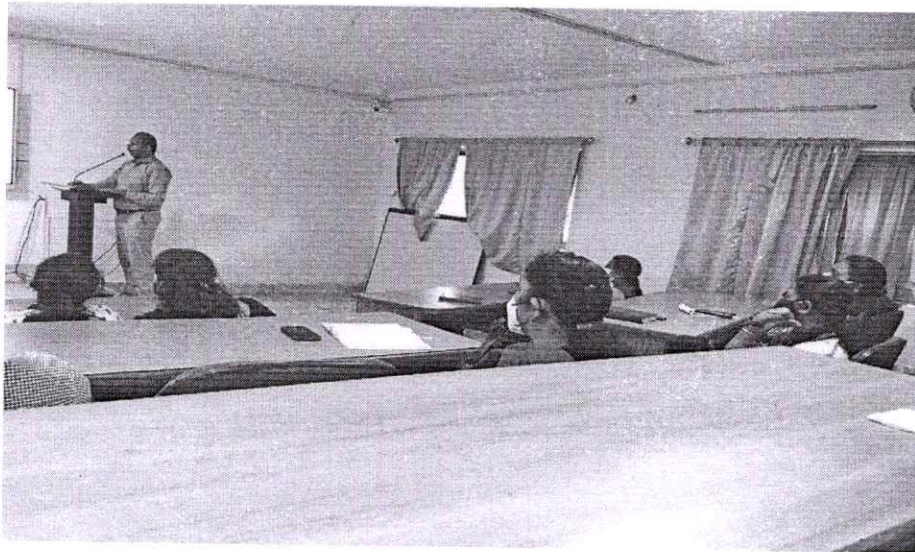
Research Forum Presentation by Dr. Jenny Jacob on 27th August 2019



Research Forum Presentation by Er. Brejit Lilly Abraham on 24th March 2019




Audience during the presentation by Er. Brejit Lilly Abraham on 24th March 2019



Research Forum Presentation by Dr. Jyotishkumar Parameswaran Pillai on 26th October 2021


Jenny Jacob
Coordinator




Fr. Dr. CHERIAN J KOTTAYIL
PRINCIPAL
Mar Athanasios College For Advanced Studies
Thiruvalla- 689101, Kerala

II

Research Forum held on 13th March, 2019

Time : 1:20pm

Venue: Room No 202

Presentation by Dr. ~~Shilpa~~ Shilpa Lekshmi L.
School of Biosciences

1. Prof Vaughese Abraham
2. Mr Saresh Vaughese
3. Mr. Tiji Thomas.
4. Dr. Shilpa Lekshmi L.
5. Sanitha Sara Abraham
6. Fenis S. Uthup.
7. Brijit Lilly Abraham
8. Theena Sara Viju
9. Phijo J Cherikal
10. Sreelekshmi C. Warriar.
11. Ebin Philip Thompson.
12. Dr. Sudeep B. Chandramana.
13. Dr. Jenny Jacob
14. Ann Mary C. Simos.



 Prof Vaughese
 Saresh
 Tiji
 Shilpa
 Sanitha
 Fenis
 Brijit
 Theena
 Phijo
 Sreelekshmi
 Ebin
 Sudeep
 Jenny
 Ann Mary

The meeting started with Saresh sir introducing the speaker, Dr. Shilpa Lekshmi to the pod gathering. He welcomed her to the podium to start the presentation. Dr. Shilpa presented her topic to the gathering in a very lucid manner. The faculty clarified their doubts regarding the presentation. Prof Vaughese commented that the work was commendable. The meeting adjourned at 2:10pm.

VI

Research Forum Presentation held on 24/09/19

Time: 1:50pm




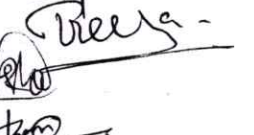
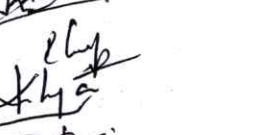
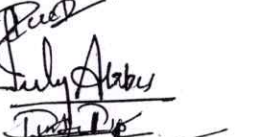
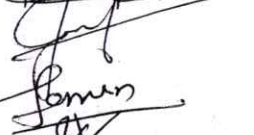

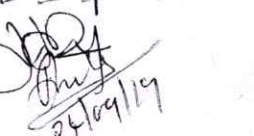
Venue: Room No 202

Presentation by Brejith Lilly Abraham, Department of Computer Applications.

Title: Feature Clustering Based Anomaly detection from Document Pool Modeled with Topic Specificity and Utility Factors.

1. Prof. Vaughere Abraham.
2. Prof. Suresh Vaughere
3. Prof. Beesa Cherian.
4. Mr. Ajay Kurier.
5. Ms. Ligo Koshy
6. Mr. Tiji Thomas.
7. Dr. Shilpa Lekshmi L.
8. Dr. Treesa Vaughere.
9. Dr. Ashalekshmi R.K.
10. Ms. Jhani Susan Commen
11. Ms. Philip. I. cherackal
12. Ms. Vedhya. V. Kumar
13. Ms. Preetha. G. Panicker
14. Ms. Jesly Akku Cherian
15. Ms. Tirtha Joseph
16. Mr. Jeevan kumar. J
17. Ms. Jemen S. Othup
18. Ms. Samitha Sasa Abraham
19. Dr. Jenson Joseph
20. Mr. Ebin Philip Thamp
21. Dr. Jemy Jacob
22. Dr. Ajai kashnars b












 24/09/19

Students Attended.

	Name	Batch	Signature
1.	Salomyks	S, BC	Salomy
2.	Aiswarya S. Nair	S, BC	Aiswarya
3.	Devika B	S, BC	Devika
4.	Mejo George	S, BC	Mejo
5.	Ardra A.P	S, BC	Ardra
6.	Anulekshmi S	S, BC	Anulekshmi
7.	Ajali Muzali	S, BC	Ajali
8.	Aiswarya M panicker	S, BC	Aiswarya
9.	Arya Manumohan	S, BC	Arya
10.	Anjana S	S, BC	Anjana



[Signature] 24/9/19




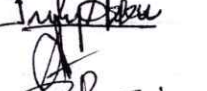
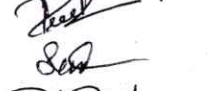

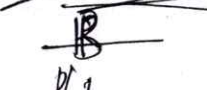









Research forum presentation on 28th January, 2020

Time: 1:50pm.


Venue: Room No 202

Presentation by Dr. Ashalakshmi R.K.
Department of Management Studies.

"A study on the need for Cultural Compatibility in HRM with special reference to IT Industry in Kerala"

Sl.No.	Name of faculty attended	Dept	Signature
1	Prof. Vaighere Abraham.	Administrators	
2	Prof. Sanesh Vaighere	Deputy Director	
3	Prof. Beena Cherian	Dean, SBS.	
4	Dr. Sudeep B. Chandramana	HDD, DMS.	
5	Ms. Jely Akku Cherian	DMS	
6	Mr. Arun Pras.	DMS	
7	Ms. Preetha G. Paricker	DMS	
8	Ms. Sini Kueier.	Bioscience.	
9	Ms. Tintu Joseph	DMS	
10	Ms. Paris Reji	MCA	
11	Brejit Lilly Abraham	MCA	
12	Ms. Pooja S. cheikal	MCA	
13	Dr. Sreelakshmi C. Wullia	MCA	
14	Elma Susan Reji	Bioscience	
15	Dr. Jincy George	"	
16	Samitha saba Abraham	"	



 28/1/20

Research Forum Presentation On 26/10/2021

Time : 3.15 Pm

Venue: 202

Presentation by Research Director
Dr. Jyothish Kumar Parameshwaran
Pillai

Topic : Strategic Plan for Development
of Research at MACFAST

SL NO	Name of the Faculty	Dept	Signature
1.	Chanya Radhakrishnan	School of Bioscience	
2.	Athira P. Anil	School of Bioscience	
3.	Shilpa Lekshmi L	School of Bioscience	
4.	Sreya Mathavan	Bioscience	
5.	Steffy John	Bioscience	
6.	P. Pramod Kumar	MBA	
7.	Arun Pray	MBA	
8.	Dreeda Varghese	Biosciences	
7.	Ashok Raj R	MCA	
8.	Jibumon K.G	MBA	
9.	Dr. Ashalakshmi R. K	MBA	
10.	Jesly Anju Cherian	DMS	
11.	Preetha G. Panicker	DMS	
12.	Beena Cherian	Biosciences	
13.	Vidhya V. Kumar	MCA	
14.	Jinu Mary Varghese	MBA	
15.	Poornima M	MCA	
16.	Dr. Terry Jacob Mathew	MCA	
17.	Dr. Sudeep B. Chandramoni	DMS	
18.	Varghese Abraham	Administrative	
19.	Dr. V.P Vijayarajan	DMS	
20.	Tij: Thomas	MCA	
21.	Sibu Simon	BIO	



22	Dr. Jimmy Jacob	Bio.	<i>[Signature]</i>
23	Blessan Sankhosh George	Bio	<i>[Signature]</i>
24	Dr. Nishell Pm	mca	<i>[Signature]</i>
25	Stephan Jauer	mca	<i>[Signature]</i>
26	Dr. Neethu Ann George	DMS	<i>[Signature]</i>
27	Sini Kneven	Bio	<i>[Signature]</i>
28	Dr. Smitha Vijayan	Bio	<i>[Signature]</i>
29	Dr. Teena Mathin	Bio	<i>[Signature]</i>



[Signature] 26/09/21