



**MAR ATHANASIOS COLLEGE FOR ADVANCED STUDIES TIRUVALLA
(MACFAST)**



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**REPORT ON INTERACTION WITH
NATIONAL / INTERNATIONAL
SPEAKERS**

2016-2021



MAR ATHANASIOS COLLEGE FOR ADVANCED STUDIES TIRUVALLA (MACFAST)

Tiruvalla, Pathanamthitta, Kerala 689 101





**MAR ATHANASIOS COLLEGE FOR ADVANCED
STUDIES TIRUVALLA (MACFAST)
Thiruvalla – 689101**

**REPORT ON NATIONAL AND INTERNATIONAL
SPEAKERS**

The computer science department has conducted a number of national and international webinars and conferences. These events proved to be a meeting ground for MCA Students, research scholars and faculty to exchange their experiences, knowledge, queries and insights. It was as an effective platform for all the concerned stakeholders to introspect about the numerous challenges and dilemmas in computer science.

Similarly the department of management studies also invited Prof. Udith K. Jayasinghe-Mudalige, Vice-Chancellor of the Wayamba University of Sri Lanka (WUSL) and Dr. K. S. Chandrasekar, Professor, Head and Dean at Institute of Management in Kerala (IMK), University of Kerala who spoke about Green Economy and Sustainable Development in the International Conference on Green Economy and Sustainable Development (ICGESD 2019).

The school of biosciences regularly conducts numerous webinar, seminars and international conferences which features scientists, science communicators and entrepreneurs. These events have been highly acclaimed and witness participation of large number of participants.

The events conducted by MACFAST are generally open to faculties and students from other colleges, in addition to active participation by MACFASTians. The events are coordinated by students and faculties of MACFAST. All the events aim at providing wide exposure to students in different areas of Life Sciences and Food Technology. It provides the students a unique opportunity to meet and interact with the national and international speakers and address their



scientific questions. Over the years numerous eminent personalities have visited the campus and many such visits have helped the students in acquiring event management and scientific skills.



NATIONAL AND INTERNATIONAL SPEAKERS ASSOCIATED WITH WEBINARS AND CONFERENCES

Sr. No.	Speaker	Affiliation	Topic	Event	Date
DEPARTMENT OF COMPUTER APPLICATIONS					
1	Dr. Jiju A. Mathew	Associate Prof. & Head, Dept. of Computer Science, St. Thomas College, Thrissur	Recent Research Opportunities in Cyber Security	KSCSTE Sponsored National Seminar on "Recent Research Opportunities in Computer science and its Applications	5th-6th September 2016
2	Dr. Sunil Jacob John	Associate Prof., Dept of Mathematics, NIT Calicut	Recent Research Opportunities in Soft Set, Multiset and its Applications to Computer Science		
3	Dr. M.V Judy	Associate Prof. & Head, Dept. of Computer Science & IT, Amrita School of Arts & Sciences, Kochi	Recent Research Opportunities in Computational Biology		
4	Dr. V. Sundarapandian	Prof. & Dean, R & D Center, Vel Tech University, Chennai	MATLAB		
5	Dr. B.H Sekhar	Prof. & Head, Dept. of Computer Science, Mangalore University, Mangalore	Recent Research Opportunities in Image Processing		



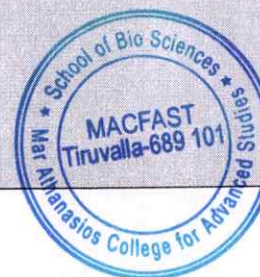
6	Dr. Suresh Das	Executive Vice-President, KSCSTE	the influence and challenges of Coding Theory and Fractals with the applications in this generation and its scope in research	Coding Theory And Fractals With The Applications To Computer Science And Engineering	15th-17th December 2016
7	Prof. Andrei Tetenov	Department of Mathematics, Gorno Altaisk state university	introduction to fractals, how fractals are generated and how to find the formula for fractal dimensions		
8	Prof. Helmut Jurgensen	Department of Computer Science, University of Western Ontario	Coding Theory and its applications to Engineering		
9	Dr. Rajiv Dharaskar	Director of IIIT, Kottayam	emerging trends and associated research fields in AI	one day international seminar on 'Artificial Intelligence [Brain on chip: AI Hardware & Software Code Design]' in association with CSI, UNAI and Kerala Mathematical Association	17th July 2019
10	Dr. Alex Pappachen James,	HoD, Electrical Engineering of Nazarbayev University, Kazakstan	real time applications to create awarness about the power of imagination		
11	DEPARTMENT OF MANAGEMENT STUDIES (DMS)				
12	Prof. Udith K. Jayasinghe-Mudalige	Vice-Chancellor of the Wayamba University of Sri Lanka (WUSL)	Green Economy and Sustainable Development	International Conference on Green Economy and Sustainable	16th October,2019



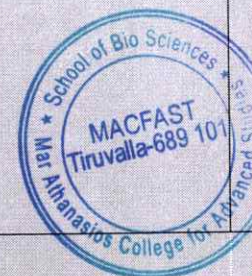
13	Dr. K. S. Chandrasekar	Professor, Head and Dean at Institute of Management in Kerala (IMK), University of Kerala		Development (ICGESD 2019)	
14	SCHOOL OF BIOSCIENCES				
	Dr. Michael Sauer	Department of Biotechnology, BOKU - University of Natural Resources and Applied Life Sciences, Vienna	Workshop on Research Methodology		08.01.2018
	Prof. Jonathan Pines FRS	Head of the Division of Cancer Biology at the Institute of Cancer Research, London	“The Spindle Assembly Checkpoint: With Great Power Comes Great Responsiveness “	Invited Talk	01.02.2018
15	Richard Timothy Hunt	2001 Nobel Laureate in Physiology or Medicine	Stumbling on the secret of cell division; Switches and latches in the control of cell division	EMBO Key note Address International lecture Workshop on Cell Cycle and Cell Death	10th & 11th October 2019
16	MurtySrinivasula	IISER Thiruvananthapuram	“Regulation of mitochondrial homeostasis by a novel endosomal ubiquitin ligase”		



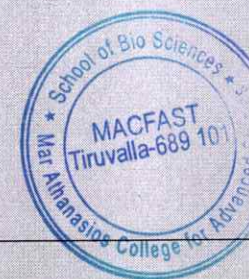
17	Prof. Paola Vagnarelli	Chromosome structure and dynamics Lab, Brunel University London	Kinases and phosphatases: a balancing act for cell cycle regulation; Chromatin reorganisation through mitosis		
21	RS Jayasomu	Editor, Indian Journal of Experimental Biology and Chief Scientist, CSIR-NISCAIR, New Delhi	Public Lecture on Science Communication	International conference on Advances in Food and Industrial Biotechnology	24.11.2019
22	R. D. Tyagi	INRS, University of Quebec, Canada	Microbial production, characterization and application of extracellular polymeric substances using wastewater sludge with crude glycerol		
23	Piet Lens	IHE Delft Institute for water Education, Delft, Netherlands	Dairy biorefinery for fuel and bioproduct production from dairy industry waste streams.		24.11.2019



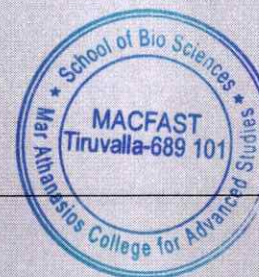
24	Zhengquiang Zhang	Northwest A&F University, Yangling, China	Using of black soldier fly to treat food waste for high value production
25	Dimitrios Ladakis	Agricultural University of Athens, Athens, Greece	IL 4- Risk assessment of 2,3-butanediol and methyl ethyl ketone production via fermentation from biodiesel industry by-products and very high polarity sugar cane sugar
26	Guangming Zhang	Remnin University, China	IL 5- Brewery wastewater treatment and resource recovery by photosynthetic bacteria: from indoor small scale to outdoor pilot scale
27	Fabrizio Adani	University of Milan, Milan, Italy	IL 6- Bioconversion of giant cane for the integrated production of biohydrogen, carboxylic acid and PHAs in a multistage



			biorefinery approach	
28	Raj Boopathy	Nicholls State University, USA	Bioremediation of hazardous chemicals	
29	Reeta Rani Singhania	Centre for Energy and Environmental Sustainability, Lucknow, India	Cellulase production: a major challenge in 2 nd generation biofuel technology	
30	Sang-Hyoun Kim	Yonsei University, Seoul, South Korea	Current status and prospect of anaerobic digestion of Korean food waste	
31	Ulrika Rova	Lulea University, Sweden	Microbial assisted production of nutraceuticals from organosolv pretreated forest biomass	
32	Mukesh Kumar Awasthi	Northwest A&F University, China	Succession of keratin degrading bacteria and associated health risk during the pig manure composting	

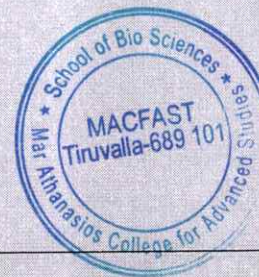


33	Paul Christakopolos	Lulea University of Technology, Sweden	Enzyme mediated production of prebiotic cello-oligosaccharides from forest biomass
34	Patrick Drogui	INRS, Quebec, Canada	Treatment of hospital waste water in membrane bioreactor- Profiling and role of microbiome
35	Sang Jun Sim	Korea University, Seoul, South Korea	Novel Screening strategies for selection of microalgal biomass strains with high biomass production performance.
36	Robin C. Anderson	US Department of Agriculture, USA	Technologies to rescue spoiled silages and composts from contamination of select Gram-positive pathogenic bacteria
37	Gopalakrishnan Kumar	University of Stavanger, Norway	Algal biotechnology and lignocellulose for bioenergy and bio-products generation.

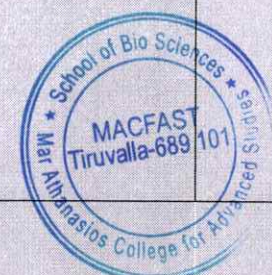


25.11.2019

38	Irini Angelidaki	Technical University of Denmark, Denmark	Valorisation of wastewaters and biowastes to proteinous animal feed
39	Anil Kumar Patel	Korea University, Seoul, South Korea	Mixotrophic cultivations Strategy: A promising microalge based process for sustainable biofuel production from wastes
40	Gerardo Saucedo-Castañeda	Metropolitan Autonomous University, Mexico	Analysis of the adhesion of lactic acid bacteria to <i>A. carbonarius</i> spores as a biocontrol mechanism during coffee processing
41	Christopher Vial	Universite Clermont Auvergne, Clermont Ferrand, France	Harvesting of microalgae <i>Chlorella vulgaris</i> using continuous electro-coagulation-flocculation with polarity exchange
42	Mark R Wilkins	University of Nebraska- Lincoln, USA	Production of lignin degrading enzymes by recombinant <i>Aspergillus nidulans</i> strains



43	Sofia Mania	Agricultural University of Athens, Athens, Greece	Sustainable valorisation of spent coffee grounds through an integrated biorefinery concept incorporating the production of 2,3-butanediol and value added materials
44	Cristobal N. Aguilar	Univaersidade Autonoma de Coahuila, Mexico	Analysis of a fungal ellagitannin-degrading enzyme produced by solid-state fermentation.
45	Erminta Tsouko	Agricultural University of Athens, Athens, Greece	Integrated biorefinery approach for the valorisation of orange waste <i>via</i> the recovery of value-added products and bacterial cellulose production.
46	Jose A. Teixeira	University of Minho, Portugal	Development of nanostructured lipid carriers based on rhamnolipids for liposoluble vitamins encapsulation

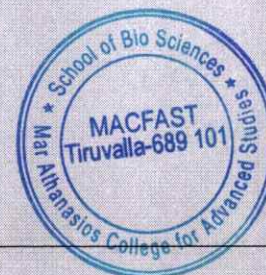


47	Sunita Varnaji	Gujarat Pollution Control Board	Solid waste management practices through bioremediation		
48	Michael Sauer	University of Natural Resources and Life Sciences, Vienna, Austria	Lactic acid bacteria for industrial commercial production		
49	Cheng-Di Dong	National Kaohsiung University of Science & Technology, Taiwan	Spent coffee ground-derived biochar as support for Ag ₃ PO ₄ nanoparticles for the enhanced catalytic reduction of 4-nitrophenol		
50	Claude- Gilles Dussap	Universite Clermont-France	Circular Engineering: a new concept for considering sustainability of biotransformations		
51	Ganti S Murthy	Oregon State University, USA	Model predictive control of starch and cellulose hydrolysis		
52	Jose Sandoval	Cortes, Universidad Autonoma de Coahuila, Mexico	Pectin/CNT based electrochemical sensor for determination of ascorbic acid, uric acid and dopamine		



26.11.2019

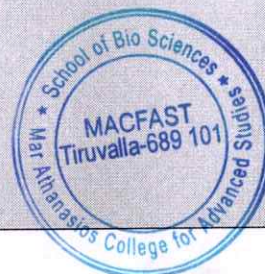
53	Emmanuel M Papamichael	University of Ioannina, Ioannina, Greece	Bioprocess applications and strategies in enzyme immobilization
54	Luciana Vandenberghe	Federal University of Parana, Curitiba, Brazil	Stable formulations of plant growth hormones for different agriculture applications
55	A. A. Koutinas	University of Patras, Patras, Greece	Cell factory models for performing three bioprocesses in the same batch without GMO
56	Gabriela M. Rodríguez-Serrano	Metropolitan Autonomous University, Mexico	Design of a low cost culture media for utilization of lactic acid bacteria as a biological control agent against ocratoxin A production in coffee process
57	Chrysa Voidarou	University of Ioannina, Ioannina, Greece	A new enzymatic biochemistry method to detection ALP in pasteurized milk
58	Zhongfang Lei	University of Tsukuba, Tsukuba, Japan	Sustainable manure management by coupling hydrothermal pretreatment with



			dry anaerobic digestion: Focus on energy and resources recovery		
59	K. Boura	University of Patras, Patras Greece	Cell factory model for starch bioconversion in one batch without genetic modification		
60	Eulogio Castro	Universidad de Jaen, Spain	Valorization of olive mill leaves through ultrasound-assisted extraction of phenolics		
61	Adapi Dima	University of Patras, Patras, Greece	Cell factory model for lactose bioconversion based on <i>S. cerevisiae</i>		
62	Julio C Carvalho	Federal University of Parana, Curitiba, Brazil	Production of second-generation itaconic acid: An alternative product to biorefinery?		
63	Jose Luis Martinez Hernandez	Universidad Autonoma de Coahuila, Mexico	Potential use of agroindustrial products as support for fungal jasmonic acid production under solid-state fermentation, alternative substrates		



64	Keikhosro Karimi	Isfahan University of Technology, Iran	Municipal solid waste to biofuels: potentials, challenges and perspectives.	International Webinar Series on Current Trends in Molecular Life Sciences	
65	Carlos Ricardo Soccol	Federal University of Parana, Curitiba, Brazil	Development of starter culture and their impacts on the final beverage quality of Brazilian coffee beans		
66	Dr. Peter Marhavy	SLU/Umeå Plant Science Centre Sweden	Wounded plants: How they coordinate their regeneration and defence responses		20.05.2021
67	Prof. Joseph G. Ray	Mahatma Gandhi University, Kottayam	Microalgae as the third generation biofuel resource		21.05.2021
68	Dr. Alaguraj Veluchamy	St. Jude Children's Research Hospital, USA	Computational approaches for epigenome editing by CRISPR-dCas9 system		22.05.2021
69	Prof. G. M. Nair	University of Kerala, Thiruvananthapuram	Opportunities and Challenges in Biotechnology research: the current paradigm shift		24.05.2021
70	Dr. Katerzyna Retzar	Institute of Experimental Botany of the Czech	Direct root illumination and sucrose		25.05.2021



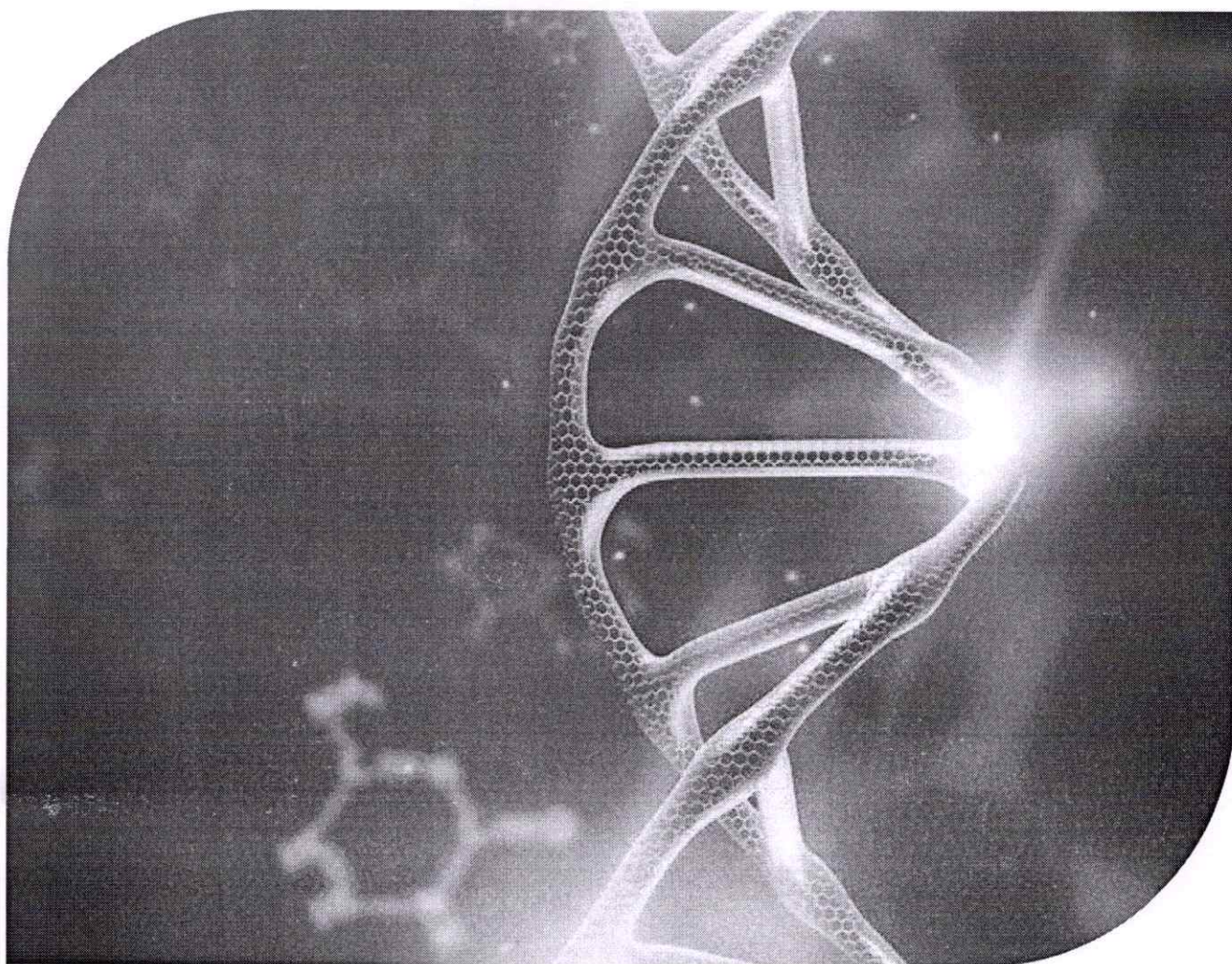
		Academy of Sciences, Czech Republic	supplementation mask root phenotype	
71	Dr. Sylwia Struck	VIB-UGent, Center for Plant Systems Biology, Belgium	How dephosphorylation rules strigolactone signaling in Arabidopsis?	26.05.2021
72	Dr. Harikumar K. B.	Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram	Drug repurposing in cancer therapy	27.05.2021
73	Dr. Taraka Ramji Moturu	University of Brussels, Belgium	Genomics-based precision breeding approaches for improving plant stress tolerance	28.05.2021
74	Dr. Ruby John Anto	Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram	Evaluation of natural products as chemotherapeutics, chemopreventives and chemosensitizers	31.05.2021





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INTERNATIONAL WEBINAR SERIES ON CURRENT TRENDS IN MOLECULAR LIFE SCIENCES

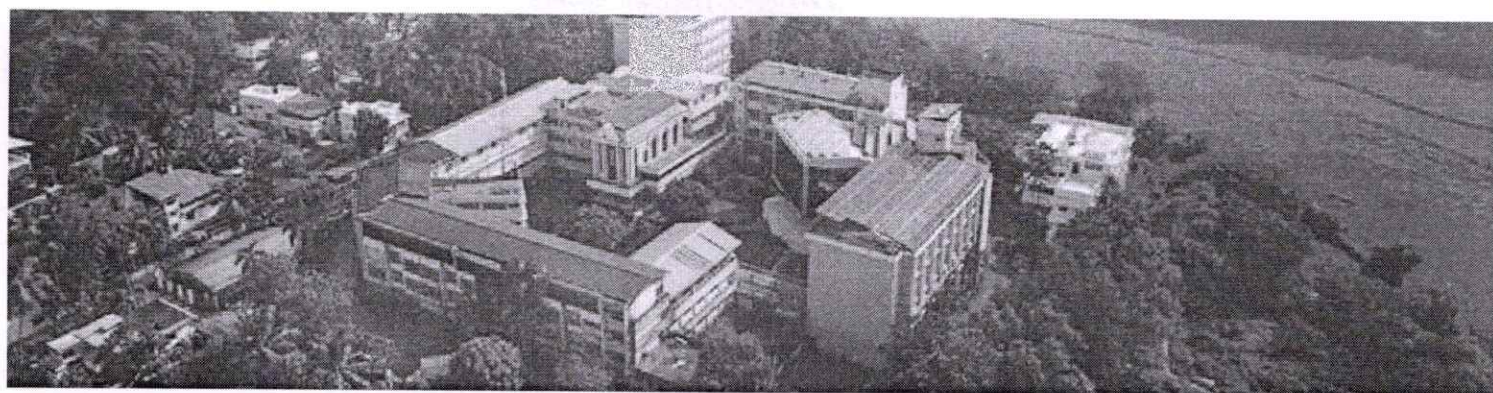
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School of Biosciences and Research Forum in association with IQAC

Mar Athanasios College for Advanced Studies Tiruvalla (MACFAST)



20th to 31st May 2021



Mar Athanasios College for Advanced Studies Tiruvalla (MACFAST) is one of the premier higher education and research institutions in Kerala, India. Established in 2001, the college is affiliated to Mahatma Gandhi University and has been accredited with 'A' grade by NAAC. The School of Biosciences has a record of consistent academic excellence, offering seven innovative post graduate courses on various streams of applied life sciences. The School focuses on high quality education and enhancement of personal talent and skills. We promote student's multi-disciplinary talents, and focus them to pursue global standards. Under its auspices, various activities like international seminars, cutting edge research and dissemination initiatives etc. are routinely been conducted.

Recent advances in molecular biology posed a tremendous impact on all life science investigations. The highly sophisticated experimental methods in molecular biology fuelled the fast pace of knowledge generation in life sciences with expansive interdisciplinary applications. This webinar series includes the dynamic pieces of research work being done across the globe on numerous themes associated with molecular biology. Conceptual understanding and communication are the foci of the webinar series. We aim at providing a great scope for the interaction of professionals, researchers, academicians, industrialists, students, and professors from around the globe on a single virtual platform.

We cordially invite you to attend the webinar series.

Fr. Dr. Cherian J. Kottayil
Principal

Dr. Jenny Jacob
HOD,
School of Biosciences

Dr. Siby Simon
Programme Co-ordinator



Invited speakers

20th May 2021 | 3 PM

Dr. Peter Marhavy

SLU/Umeå Plant Science Centre
Sweden.

Title: Wounded plants: How they coordinate their regeneration and defence responses.

21st May 2021 3PM

Prof. Joseph Ray

Mahatma Gandhi University
India

Title: Microalgae as the third generation biofuel resource.

22nd May 2021 5PM

Dr. Alaguraj Veluchamy

St Jude Children's Research Hospital
United States

Title: Computational approaches for epigenome editing by CRISPR-dCas9 system.

24th May 2021 3PM

Prof. G. M. Nair

University of Kerala
India

Title: Opportunities and Challenges in Biotechnology research: the current paradigm shift.

25th May 2021 3PM

Dr. Katarzyna Retzer

Institute of Experimental Botany of the Czech Academy of Sciences,
Czech Republic

Title: Direct root illumination and sucrose supplementation mask root phenotype.

26th May 2021 3PM

Dr. Sylwia Struk

VIB-UGENT Center for Plant Systems Biology
Belgium.

Title: How dephosphorylation rules strigolactone signaling in Arabidopsis?

27th May 2021 3 PM

Dr. Harikumar K. B.

Rajiv Gandhi Centre for Biotechnology (RGCB)
India

Title: Drug repurposing in cancer therapy.

28th May 2021 3PM

Dr. Taraka Ramji Moturu

University of Brussels
Belgium

Title: Genomics-based precision breeding approaches for improving plant stress tolerance.

29th May 2021 3PM

Dr. Akhil C. Banerjee,

Institute of Advanced Virology
India

Title: Multiple vaccine platforms against viral diseases.

31st May 2021 3 PM

Dr. Ruby John Anto, PhD, FNASc,

Rajiv Gandhi Centre for Biotechnology (RGCB)
India

Title: Evaluation of natural products as chemotherapeutics, chemopreventives and chemosensitizers.



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For registration

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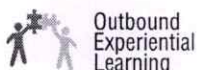
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MBA | MCA

M.Sc. Biochemistry | Bioinformatics |
Plant Biotechnology | Bionanotechnology |
Biotechnology | Phytomedical Science and Technology |
Food Technology & Quality Assurance

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 Varghese Abraham, Administrator, MACFAST
 Jeemon Joseph, Ph.D., Director, MACFAST
 Sanesh Varghese, Deputy Director, MACFAST
 Fr. Abraham Mulamoottil, Ph.D., Peace People Planet, Tiruvalla
 Shaji P. K., Ph.D., Deputy Director, ERRC, Thiruvananthapuram
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 Gigin Pullemkunnel, Assistant Professor, School of Biosciences, MACFAST
 Ebin Philip Thompson, Assistant Professor, School of Biosciences, MACFAST
 Shilpa Lekshmi L., Ph.D., Assistant Professor, School of Biosciences, MACFAST
 Femin S. Uthup, Assistant Professor, School of Biosciences, MACFAST
 Ann Mary C. Simon, Assistant Professor, School of Biosciences, MACFAST
 Nishad P M, Ph.D., Associate Professor, Department of Computer Applications, MACFAST
 Sudeep B. Chandramana, Ph.D., HoD, Department of Management Studies, MACFAST
 Tiji Thomas, HoD, Department of Computer Applications, MACFAST
 Chintu Viju Mathew, Public Relation Officer, MACFAST

HOW TO REACH

The conference venue Mar Athanasios College for Advanced Studies Tiruvalla is 126 km from Thiruvananthapuram, the capital city of Kerala, referred as "Gods Own Country" in the tourism map. It is located at the meeting point of MC Road (Main Central Road/SH-01) and T. K. Road (Thiruvalla-Kumbazha Road) (Tiruvalla-Pathanamthitta-Kumbazha Road/SH-07/State Highway 7 (Kerala)); it links the eastern parts of the district with the western rice bowl of Kuttanad. The Tiruvalla-Kayamkulam road is the most used link between the National Highway and the MC Road. Tiruvalla also connects to NH-47 through the Thakazhi-Ambalappuzha Link.

Tiruvalla is well connected by road and railways. The government run KSRTC and private Interstate Volvo (AC/non AC) buses are available frequently to Bangalore, Chennai, Madurai and Coimbatore. Direct trains to Tiruvalla are available from all major cities in India like New Delhi, Kolkata, Mumbai, Amritsar, Chandigarh, Chennai, Hyderabad, Bangalore, Guwahati etc.

The nearest airports are Cochin International Airport (119 km) and Thiruvananthapuram International Airport (124 km).

Location Map

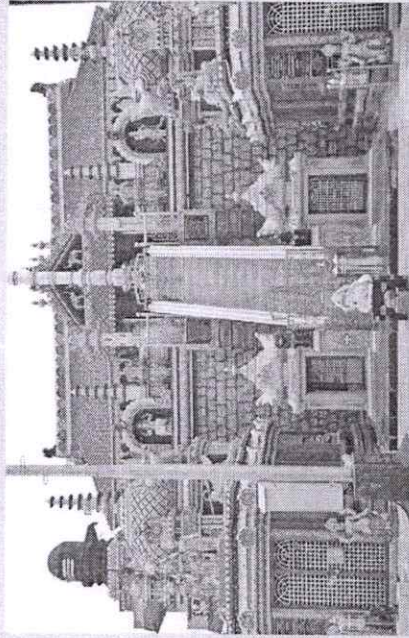


MACFAST

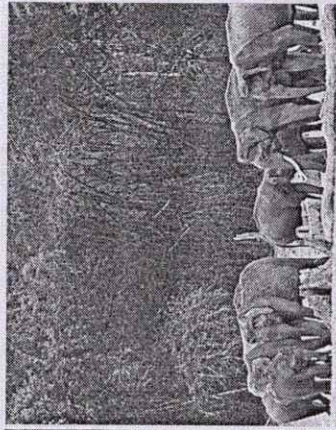
NEARBY TOURIST ATTRACTIONS:

Tiruvalla attracts tourists and worshippers from all over the nation as the legendary 'Sri Vallabha Temple' also known as the 'Southern Tirupati', is located here. This place is also a home to the famous Paliakkara Church with a history that takes you back to A.D.52 when Christianity was first introduced in Kerala.

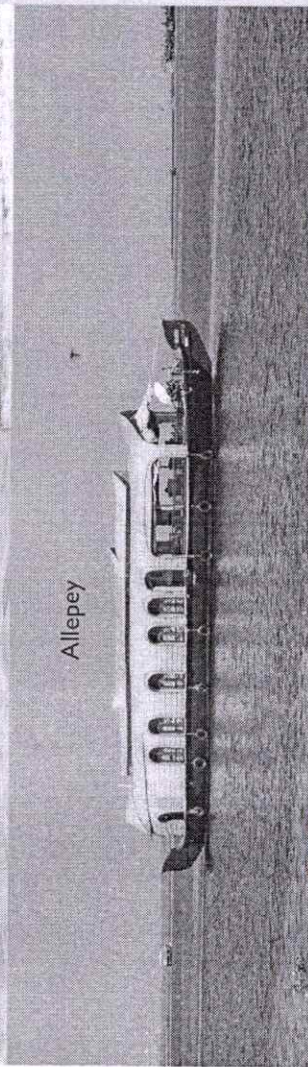
The famed pilgrim center of Sabarimala is only about 100 km from Tiruvalla. The other places of tourist attraction include Allepey (35 km), Kumarakom Back waters (40 km), Periyar Wild life sanctuary (111 km), Wagamon Hill Station (87 km), Munnar (162 km) and Kovalam Beach (134 km).



Sabarimala

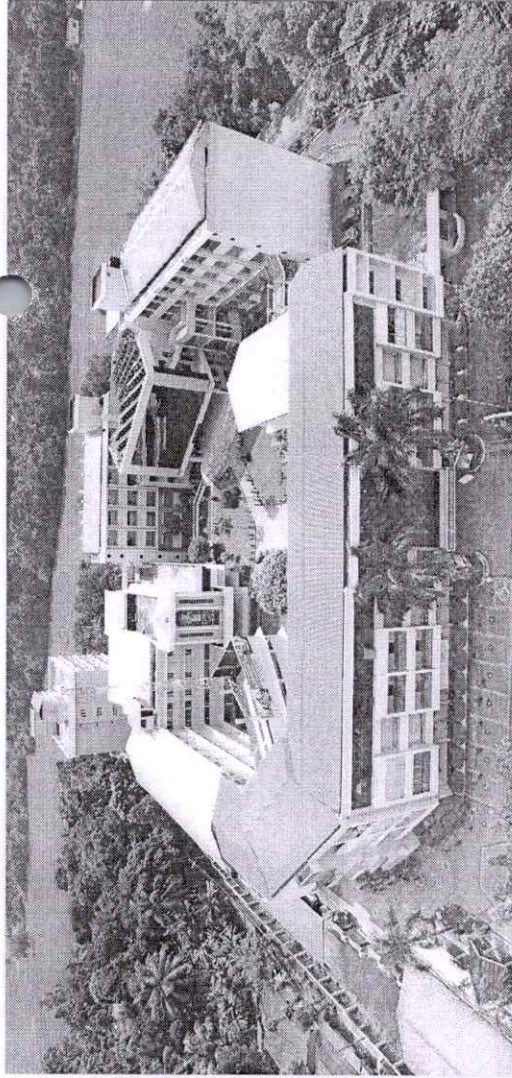


Periyar



Allepey





CONFERENCE OBJECTIVE

The School of Biosciences, Mar Athanasios College for Advanced Studies Tiruvalla (MACFAST) is hosting an **International Conference on Food & Industrial Biotechnology 'BIOSPECTRUM' 2019** from 24th to 26th November, 2019. This is the fifth international conference organized under Biospectrum series. Over the past two decades, the progression in Food & Industrial Biotechnology has generated a wide range of novel products that have redefined the role of microbes and other biological systems in solving hunger and poverty. Modern Food & Industrial Biotechnology is an extension of ancient techniques for developing useful products by taking advantage of natural biological processes. As techniques and instrumentation are being refined, the technologies based on chemical processes are being increasingly replaced by those based on biological systems. The application of modern industrial biotechnology includes improving the added value of food and making food processing effective through fermentation, genetic engineering, enzyme engineering and protein engineering.

This conference aims to bring together leading academicians, scientists, researchers and research scholars to exchange and share their experiences and research results on all aspects of Food and Industrial Biotechnology. It also provides a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in this field.

EXECUTIVE COMMITTEE

Conference Patrons : **His Grace Most Rev. Dr. Thomas Mar Koorilos**
Metropolitan Archbishop of Tiruvalla.

THRUST AREAS

Agri-Food Technology
Dairy Science & Technology
Food Microbiology and Toxicology
Food Analysis and Bioprocess Technology
Food Processing and Biochemistry
Food Biotechnology and Nanotechnology
Food Engineering, Manufacturing, Packaging and Storage
Food Spoilage and Waste Management
Food Adulteration and Legislation/Regulation
Food Borne Diseases and Treatment
Food Chemistry and Micronutrients
Meat, Poultry and Marine Foods
Novel Applications of Probiotics
Nutrition and Food Safety
Biomass to Fuels and Chemicals
Food Waste Treatment and Management
Industrial Waste Treatment and Management

CONFIRMED INTERNATIONAL SPEAKERS

Adani Fabrizio, University of Milan, Italy
Aguilar Cristobal, Universidad Autónoma de Coahuila, Coahuila, México
Anderson Robin, Southern Plains Agricultural Research Center, College Station, Texas, USA
Angelidaki Irini, Technical University of Denmark, Denmark
Boopathy Ramaraj, Nicholls State University, Thibodaux, Louisiana, USA
Christakopoulos Paul, LTU, Sweden
Dong Cheng-Di, National Kaohsiung University of Science and Technology, Taiwan
Du Guocheng, Jiangnan University, Jiangsu, PR China
Karimi Keikhosro, Isfahan University of Technology, Isfahan, Iran
Feng Yujie, Harbin Institute of Technology, PR China
Janecek Stefan, Institute of Molecular Biology, Slovak Academy of Sciences, Bratislava, Slovakia
Jose Luis Martínez-Hernández, Universidad Autónoma de Coahuila, Coahuila, México
José Sandoval-Cortes, Universidad Autónoma de Coahuila, Coahuila, México
Jose Teixeira, University of Minho, Portugal

ADVISORY COMMITTEE

► **Sabu Thomas, Ph.D.**
Vice Chancellor, M.G. University, Kottayam
► **KSMS Raghav Rao, Ph.D.**



INTERNATIONAL LECTURE WORKSHOP ON CELL CYCLE AND CELL DEATH

VENUE: MACFAST AUDITORIUM, TIRUVALLA

10TH & 11TH
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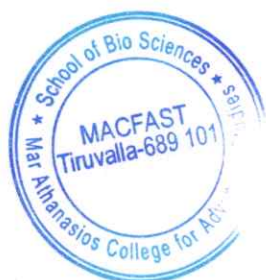


MACFAST
THE TRENDSETTER IN EDUCATION

School of Biosciences
Mar Athanasios College for
Advanced Studies Tiruvalla
(Accredited by NAAC with 'A' Grade &
Recognized by DSIR, Govt. of India)

Kerala - 689 101, India

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INTERNATIONAL LECTURE WORKSHOP ON CELL CYCLE AND CELL DEATH

THE EMBO KEYNOTE LECTURE



Sir Richard Timothy Hunt, Ph.D.
FRS FMedSci FRSE MAE (Member, EMBO)
2001 Nobel Laureate in
Physiology or Medicine



Prof. Paola Vagnarelli,
Chromosome structure and
dynamics Lab,
Brunel University London



Prof. S. Murty Srinivasula, Ph.D.
Professor, IISER - Thiruvananthapuram
Kerala

The School of Biosciences, Mar Athanasios College for Advanced Studies Tiruvalla (MACFAST) is pleased to announce the International Lecture Workshop on Cell Cycle and Cell Death. It will be held on 10th and 11th October, 2019 at MACFAST, Kerala, India. The workshop seeks to address the specific topic of cell division and cell death. Maintaining tissue homeostasis is core to an organism's physiological integrity. Dysregulation of these processes have significant implications in pathogenesis of major diseases like cancer. Deciphering the processes of cell cycle and cell death remain one of the forefront research areas for creating novel therapeutic approaches to treatment of these diseases. Further developments can be brought about by sharing and continuous updating on recent research findings. The international Lecture Workshop comprises The EMBO Keynote Lecture by Sir Richard Timothy Hunt, Nobel Laureate and EMBO Member. Other distinguished speakers are Prof. Paola Vagnarelli, Chromosome structure and dynamics Lab, Brunel University London, and Prof. S. Murty Srinivasula, IISER Thiruvananthapuram. The workshop is envisaged as a platform for the distinguished speakers to share their recent research as well as for extensive interaction of the participants with these world renowned scientists.

Fr. Dr. Cherian J. Kottayil
Principal, MACFAST

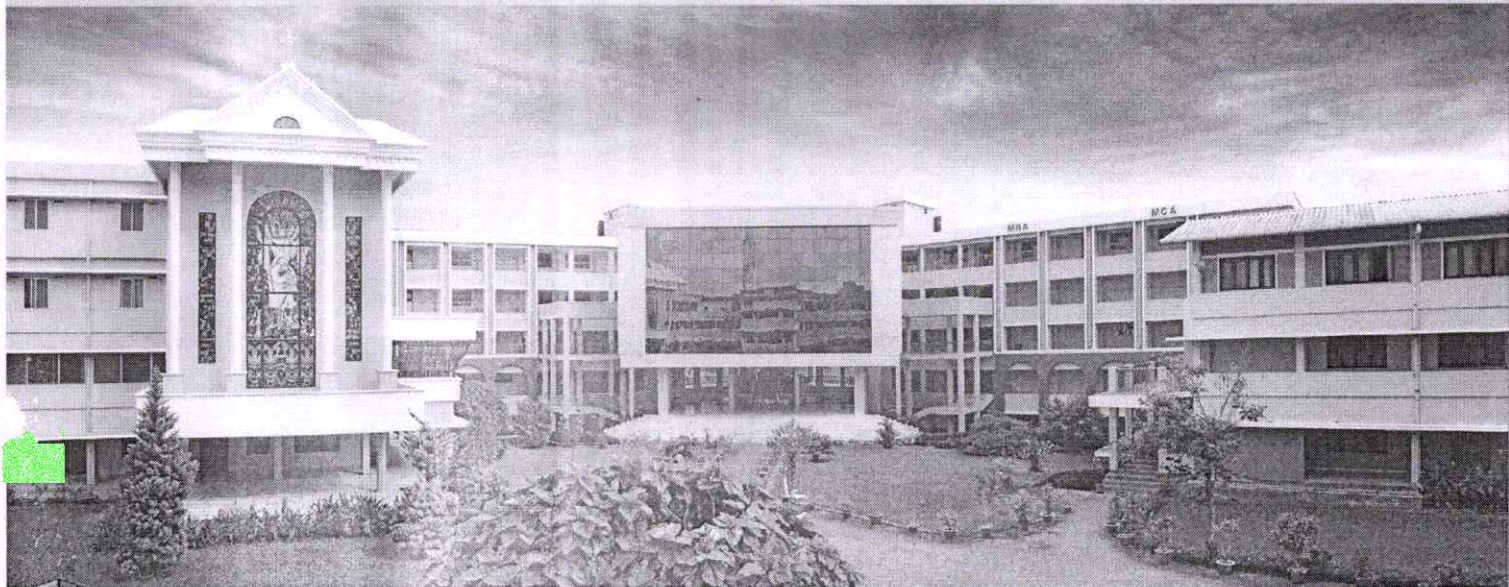
For Registration

Biju Dharmapalan (Convener)
Head, School of Biosciences, MACFAST.
E-mail: biju@macfast.org
Phone: 91-944712178, 91-8929452181

Stephen James (Co-convener)
E-mail: stephen@macfast.org
Phone: 91-9746935363, 0469 2730310
www.macfastconferences.com



International Conference on Green Economy and Sustainable Development (ICGESD 2019)



**A platform where scholars and experts from both academia
and industry congregate for disseminating on**

Green Economy

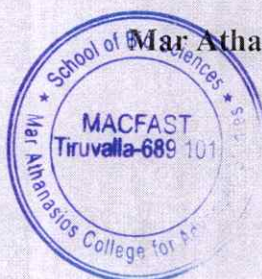
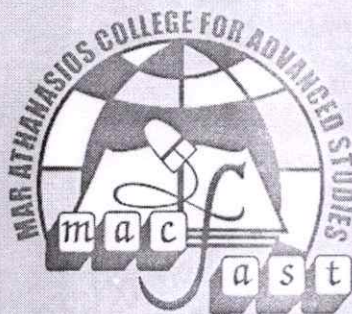
&

Sustainable Development

16th October 2019

Time 9.30 am to 4.30 pm

@ MACFAST Campus



Organised by

Department of Management Studies

Mar Athanasios College for Advanced Studies Tiruvalla

Affiliated to MG University, Kottayam

Approved by AICTE, New Delhi

Accredited by NAAC with 'A' Grade

DSIR recognized Research Center

MACFAST

Mar Athanasios College for Advanced Studies Tiruvalla (MACFAST), Kerala is a leading postgraduate institution, started in 2001, with the objective of promoting quality education in professional and diverse fields of Management, Information Technology and Biosciences. MACFAST is owned and managed by the Corporate Educational Agency of the Catholic Archdiocese of Tiruvalla, with His Grace Dr. Thomas Mar Koorilos as the President and Patron.

DEPARTMENT OF MANAGEMENT STUDIES (DMS)

DMS in MACFAST provides postgraduate program in Management Studies (MBA) affiliated with MG University, Kottayam and approved by AICTE, New Delhi, which aims to groom students into competent and responsible leaders who are adaptable to the global dynamic business environment, oriented to achieve excellence and maintain high ethical standards. DMS integrates challenging curriculum with meticulous career-oriented co-curricular and extra-curricular activities with a focus to groom future business leaders.

BACKGROUND OF THE CONFERENCE

Across the world people are concerned about lagging growth, inequality, unemployment, and globalisation. Some fear that uneven environmental regulation in a globalised economy could further drive socioeconomic malaise. While many countries are striving to advance on the green transition, there still remains resistance to ambitious environmental policies in certain dimensions such as business, economic growth, ecosystem and administration. These resistances have been intensified by recent prolonged global energy, food and financial crises and underscored by continued warnings from global scientists that society is contravening a number of planetary boundaries or ecological limits. The concept of green economy alone has received international attention over the past few years as a tool to address the financial crisis of 2008. Midst of many impediments, now green economy is best regarded as the contrivance for sustainable development that is inclusive and can drive economic growth, management of resources, employment and poverty eradication, whilst maintaining the healthy functioning of the Earth's ecosystems. Green economy, in the long term, with public private investment would offer a development path without liquidating environmental quality and would likely to promote economic resources there by become a new engine of growth.

TARGET AUDIENCE

Academics, Industrialists, Central and State Government Officials, Research Scholars and Students. The Department of Management Studies, MACFAST invites deep in thought research works on the above **main theme** and following **sub themes**:

Management Dimension	Macro Economic Dimension	Ecological Dimension	Political Dimension
Finance	GDP	Environmental Policy & Managenet	Green Politics
Marketing	Percapita Income	Climate Change	Ethical Perspectives
Human Resource	Unemployment	Biodiversity	Social Justice
Operations	Poverty	Agriculture	
IT			

STUDENTS TRACK

Any topics related to the conference Sub Themes.

PANEL DISCUSSION on Green Economy and Sustainable Development

Panel Members:

- Dr. K. S. Chandrasekar, Professor, Head and Dean at Institute of Management in Kerala (IMK)
- Prof. Udith K. Jayasinghe-mudalige, Senior Professor and the Chair – Dept. of Agribusiness Management, Director - Staff Development Center, Chairman - Research & Higher Degrees Committee, Wayamba University, Sri Lanka



PROGRAM SHEET

Venue: Auditorium, MACFAST

Date: 16th October 2019, Wednesday

09.30 am Prayer

09.35 am Welcome Speech:

Dr. Sudeep .B. Chandramana
HOD, Department of Management Studies

09.45 am Presidential Address:

Fr. Dr. Cherian J Kottayil
Principal, MACFAST

10.00 am Inaugural and Keynote Address:

Dr. K. S. Chandrasekar
Dean, IMK
Director, Centre for Management Education and
Entrepreneurship Development (C-MEE)

10.30 am Felicitation Speech

Prof. Varghese Abraham
Academic Administrator, MACFAST

10.40 am Felicitation Speech

Prof. Sanesh P. Varghese
Deputy Director, MACFAST

10.50 am

Honouring the Chief Guest & other Guests

11.00 am Vote of Thanks:

Dr. Ashalakshmi R. K.
Associate Professor, Department of Studies,
MACFAST

11.10 am

TEA BREAK

11.30 am

PANEL DISCUSSION

1.00 pm

LUNCH BREAK

1.45 pm to 3.45 pm

Paper Presentations

3.45pm

Valedictory session

RESOURCE PERSONS



Dr. K. S. Chandrasekar

B.Pharm(Hons), MBA, Ph.D. (Management), D.Univ, CPET (ISB), MIMA

He is the Professor, Head and Dean at Institute of Management in Kerala (IMK), University of Kerala, Thiruvananthapuram. He was also the Director, Centre for Management Education and Entrepreneurship Development (C-MEE) and held the post of Dean, Faculty of Management Studies and currently the Chairman, Board of Studies in Business Management (PG), Visiting Professor, Commonwealth Open University, Spain and UK. He served at Alagappa University and also with HLL Lifecare Limited,

Trivandrum as Regional Marketing Manager. He was the founder Coordinator of the Entrepreneurship Development Cell of the University of Kerala by obtaining the funds from DST. He has completed Major Research Projects from UGC, AICTE and KILE.



Prof. Udith K. Jayasinghe-mudalige

Senior Professor and the Chair – Dept. of Agribusiness Management, Director - Staff Development Center, Chairman - Research & Higher Degrees Committee, Wayamba University, Sri Lanka.

He holds the degrees from University of Peradeniya (Bachelors in Agriculture and Masters in Agricultural Economics) and University of Guelph, Canada (PhD in Food and Agric. Econ. & Business). He serves as a Visiting Professor in University of Massachusetts, USA and Monash University, Australia and the Quality Assurance Consultant to the Ministry of Higher Education of Sri Lanka. He has been offered a

Senior Fellowship by the Staff & Educational Development Association (SFSEDA), United Kingdom. He has published widely in the areas of food & agricultural economics and business management;



environmental and resource economics as well as teaching-learning, assessment, and skills development in higher education and has led and contributed to a large number of national and international consultative projects targeting capacity development; monitoring & evaluation, and information dissemination.

IMPORTANT DATES

Abstract Submission	August 16, 2019
Intimation of Abstract acceptance	August 23, 2019
Full paper submission	September 20, 2019

GUIDELINES FOR AUTHORS

The author should adhere to a word limit of 250 words for abstract and 5000 words for full paper with a maximum of 5 key words. Times New Roman 12-point size font, with line spacing 1.5 and margin of 1 inch should be followed. The title page should contain author name, affiliation and contact details. Use APA style for Reference. Soft copy of full length paper in MS Word should be sent to conferencemba@macfast.org

Selected papers will be published in the subsequent issues of Journal of Science, Technology and Management with ISSN No. 0974-8334 and best paper will be awarded a cash prize of ₹ 3000/- for **Category I** (Academics, Industrialists and Research scholars) and ₹ 1500/- for **Category II** (Students).

REGISTRATION FEE	Conference
Industry	₹ 2,500
Faculty Member and Research Scholars	₹ 2,000
Students	₹ 250
Participation	₹ 500

*Additional charges will be collected for the accommodation.

*The Registration fee includes the Conference Kit, Lunch, and Tea/Coffee during session breaks.

CONFERENCE ORGANIZING COMMITTEE

Patron

His Grace Most Rev. Dr. Thomas Mar Koorilos

Advisory Committee

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Dr. Jeemon Joseph, Director DMS, MACFAST

Dr. Sudeep B. Chandramana, Head of the Department of Management Studies, MACFAST

Conference Co-ordinating Team

Dr. Ashalakshmi R. K.

Dr. Ajai Krishnan G.

Dr. Neethu Ann Georgie

Mr. Ligo Koshy

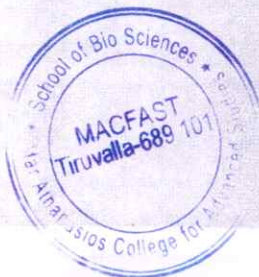
Mr. Jibumon K. G.

Contact

Dr. Ashalakshmi R. K. - +919249957719

Dr. Ajai Krishnan G. - +919645626109

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LOW CARBON
GROWTH

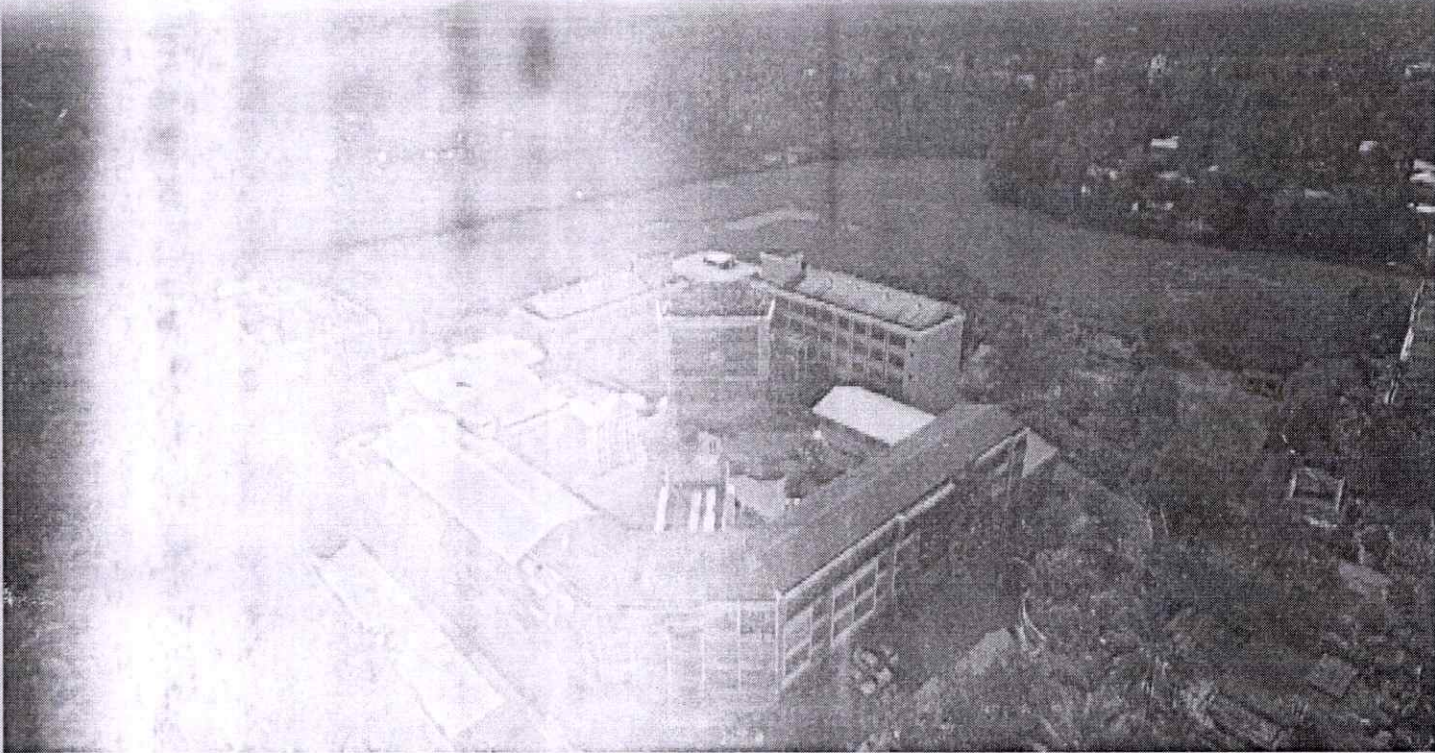


RESOURCE
EFFICIENCY



SOCIAL
INCLUSIVITY

=SUSTAINABLE DEVELOPMENT?



HOW TO REACH MACFAST

Location: The MACFAST campus is located on the Thukalassery Junction, on the M. C. Road between Tiruvalla and Chengamangal. It is 3 hours drive from Trivandrum International Airport by Road and 3½ hours drive from Cochin International Airport by Road. Both the cities are well connected by road, rail and air routes with all parts of the country. Train and bus services to Tiruvalla are frequent, cheap and quite satisfactory. The Railway Station nearest to MACFAST the Tiruvalla Railway Station is just 2½ km away. Buses from major cities will bring you right to the Tiruvalla Town of Pathanamthitta District from where you can reach MACFAST which is about 3 km from the bus stand.

Transportation in Tiruvalla: Auto Rickshaws are easily available from both railway station and bus stand to MACFAST.

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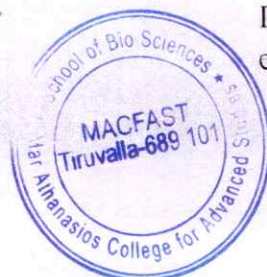
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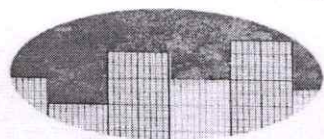
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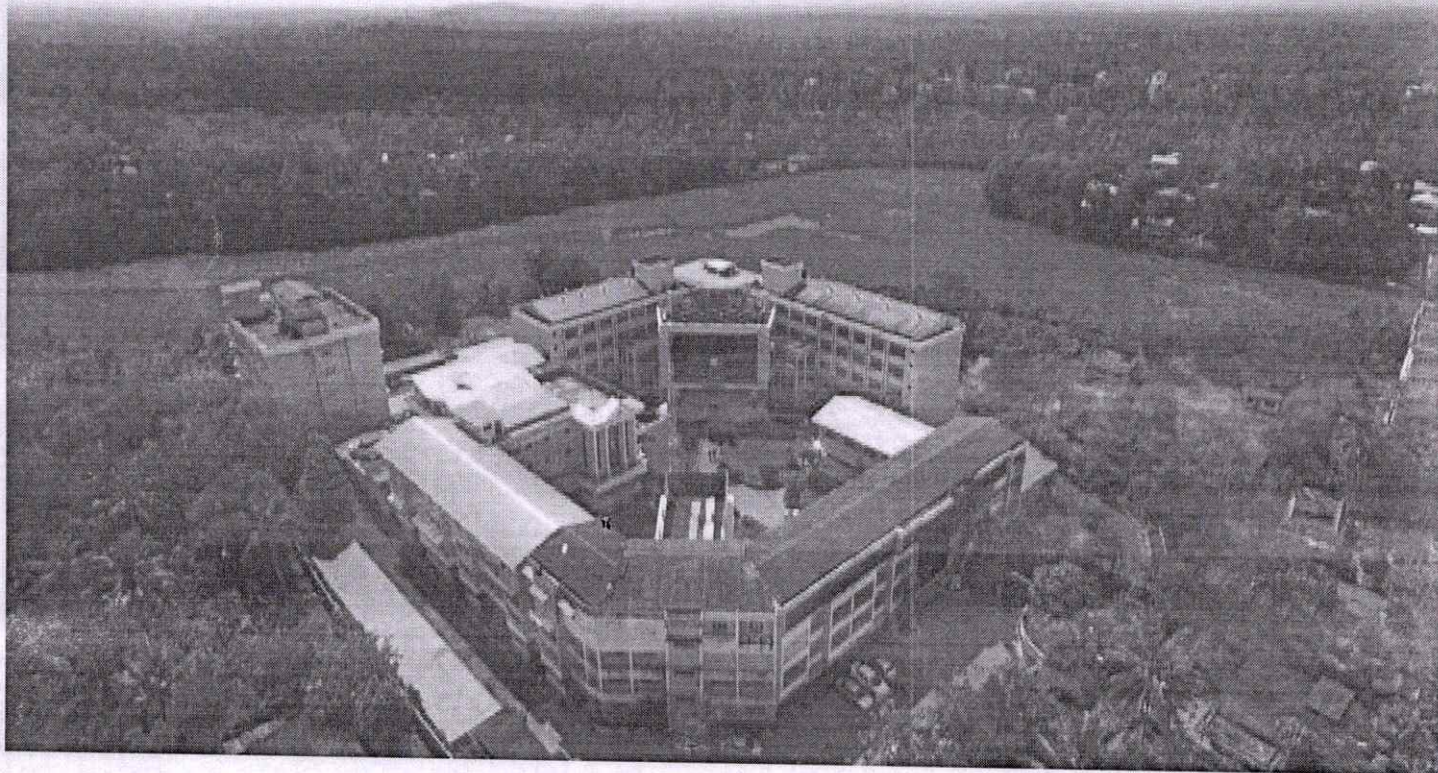


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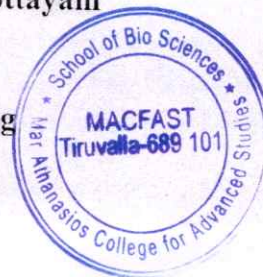
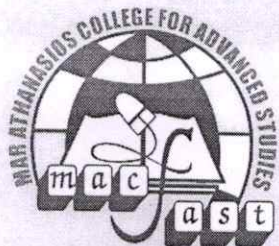
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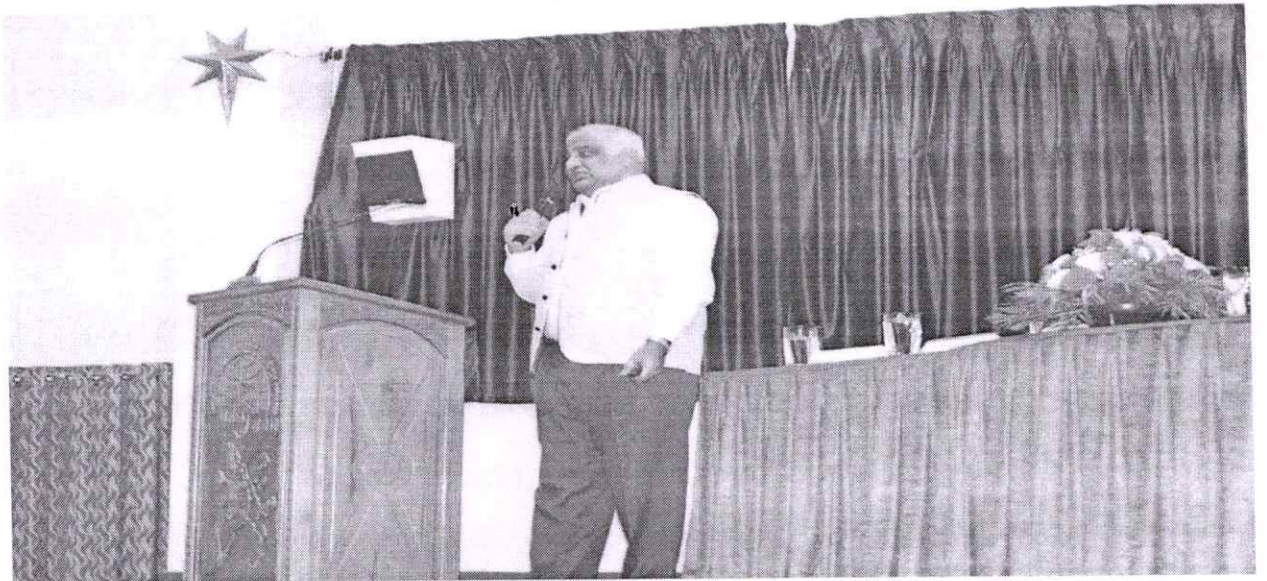
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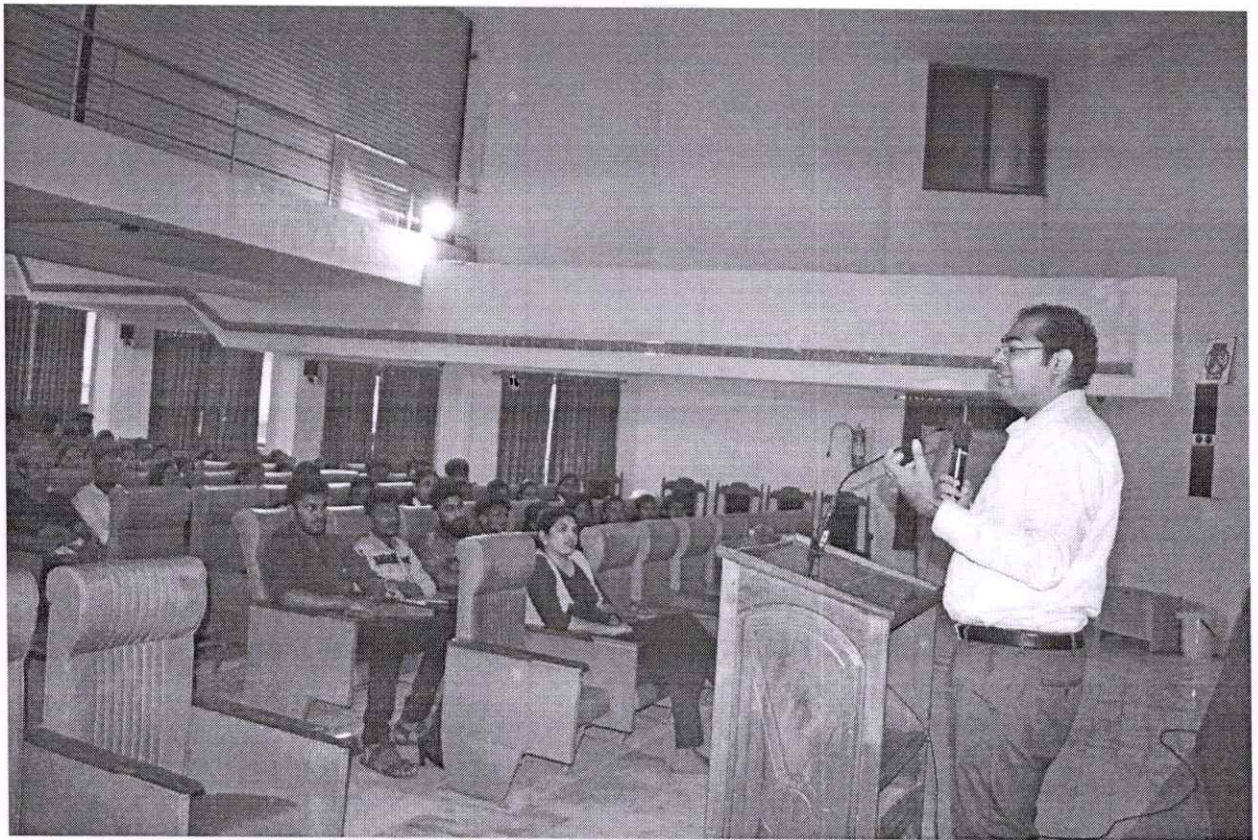
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RENOWNED SPEAKERS ASSOCIATING WITH EVENTS AT THE DEPARTMENT OF COMPUTER APPLICATIONS





DEPARTMENT OF COMPUTER APPLICATIONS
MACFAST

Steve Jobs Club Presents

“IoT
BLOCK CHAIN TECHNOLOGY”

2nd August, 2019

2.00pm - 4.45pm

Talk by

MR. MANOJ KUMAR. G. S

Microsoft Certified Professional



RENOWNED SPEAKERS ASSOCIATING WITH EVENTS AT THE SCHOOL OF BIOSCIENCES

