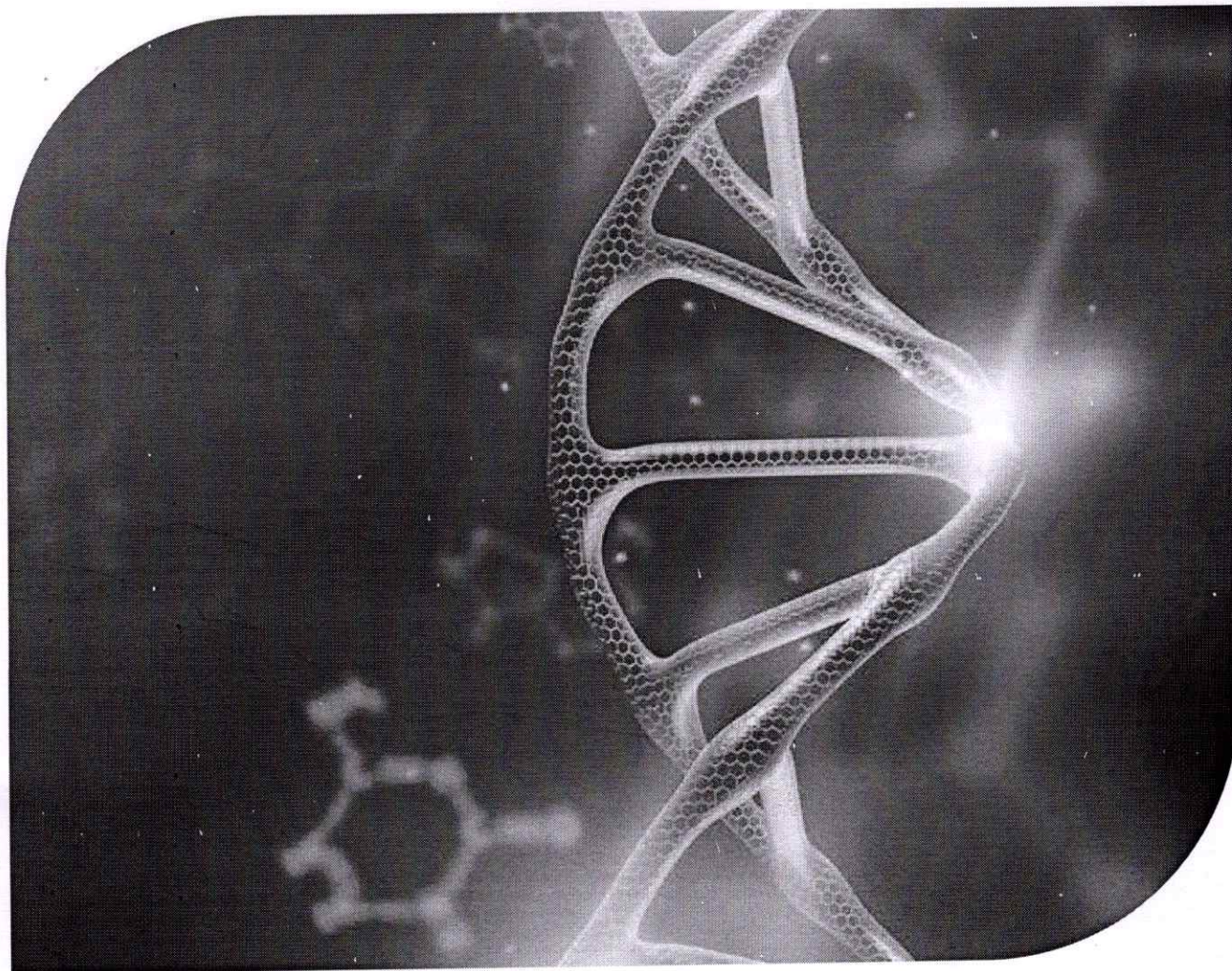




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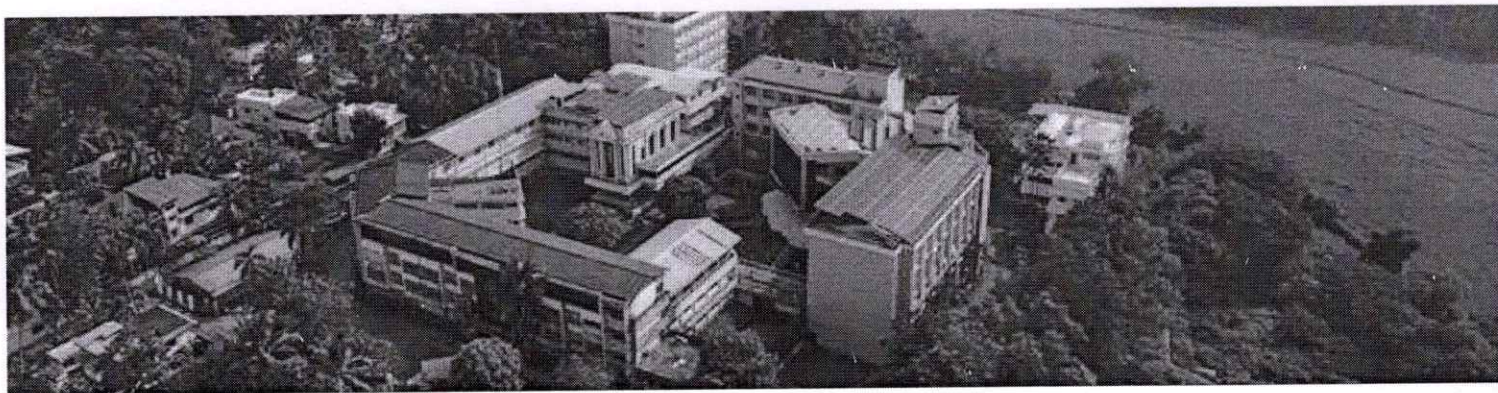


INTERNATIONAL WEBINAR SERIES ON CURRENT TRENDS IN MOLECULAR LIFE SCIENCES

Organized by

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.

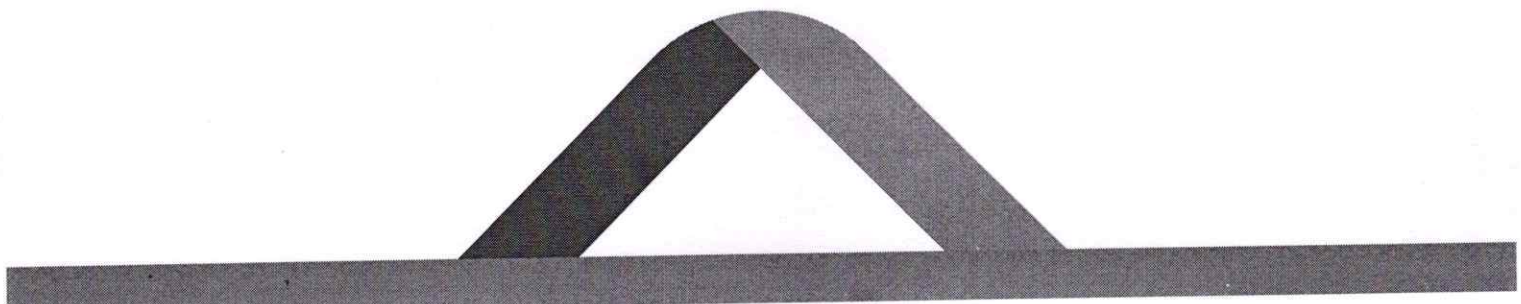
Recent advances in molecular biology posed a tremendous impact on all life science investigations. The highly sophisticated experimental methods in molecular biology fuelled the fast pace of knowledge generation in life sciences with expansive interdisciplinary applications. This webinar series includes 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.

Programme Committee

Dr. Jenny Jacob

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treesa@macfast.org
Ph: +91- 9745569244

For registration

Scan this QR Code or

Visit : <https://forms.gle/NzGREHJy1UW8Qujj6>



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NIRF 2020 Rank Band 151-200

Mar Athanasios College for Advanced Studies Tiruvalla
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Affiliated to MG University and Approved by AICTE

Programs Offered

MBA | MCA

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

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MACFAST Faculty Enrichment Programme

Invite you to attend the seminar

**Innovative Strategies for Successful
Commercial Patents**

By

Dr. Madhan Kumar Srinivasan

Accenture Prolific Inventor

(Title-of-Honor given by Accenture)

Associate Vice President & Lead -

Cloud AI & Patents, myWizard AI,

Accenture Innovation Hub, Bengaluru

Date : 12th February 2021

Time : 02 : 30 P.M

Venue : MACFAST Auditorium

* All participants are advised to follow
COVID-19 protocol strictly.

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 **www.macfast.org**



Faculty Enrichment Programme

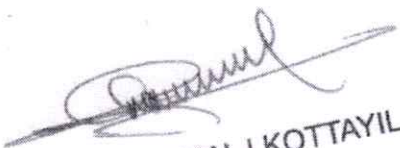
Webinar on Innovative strategies for successful commercial patents

12th February 2021

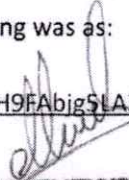
Patents are a measure of the innovation existing within an organization. A healthy patent portfolio of any organization indicates that the organization has invested significant time, money, and effort in research and development activities. It also indicates that the institution is evolving and constantly striving to bring newer and better products or services into the market. In line with this thinking, the MACFAST Faculty Enrichment Programme had organized a webinar on "Innovative strategies for successful commercial patents" on 12th February 2021 from 2:30 PM through the Zoom platform. The webinar was led by Dr Madan Kumar Srinivasan, Associate Vice President & Lead – Cloud AI & Patents, my Wizard AI, Accenture Innovation Hub, Bengaluru. He is awarded the title of Accenture Prolific inventor and serves in many other roles such as the Advisory Board Member, Cambridge Scholars Publishing, UK, Founder Member, Cloud Computing Innovation Council of India (CCICI) etc. Dr Madan emphasised that patents need to be also looked at as business opportunities and should, ideally, align with the objectives and business strategies of the organization. Owning a patent gives one a legal right to commercially exploit its innovation and prevent competitors from imitating or replicating its innovation. Dr Madan concluded that every innovative organization or company, therefore, needs a good Patent Strategy to be successful in the long run. He elaborated on the qualities of a good patent strategy and discussed the different ways in which the Business Strategies and Patent Strategies of the organization can be aligned for maximum impact and leverage.

Dr Madan concluded that a good patent strategy would involve identifying business entities that may directly benefit from the patent portfolio of the organization. This includes identifying entities that may potentially be infringing upon the existing patent portfolio of the company. A total of 35 faculty members attend this webinar from MACFAST. The participants registered for the webinar and there was an interactive and vibrant discussion on the different types of patents, licensing, patent valuation etc. The registration link for the meeting was as:

<https://zoom.us/meeting/register/tJMpc-irriMiH9FAbigSLA3UZdXPHkIGM6Tt>



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



NITHIN MATHEWS JAMES
PLACEMENT OFFICER
Mar Athanasios College
For Advanced Studies
Thiruvalla- 689101, Kerala





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DEPARTMENT OF MANAGEMENT STUDIES

BUSINESS ANALYTICS WORKSHOP - PHASE 1 'DATA, BIGDATA, ANALYTICS AND ARTIFICIAL INTELLIGENCE'



6th February 2021, Saturday
9:30 a.m. to 11:30 a.m.
&
7th February 2021 Sunday,
9:30 a.m. to 12:30 p.m.



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Mr. Philip V. Varughese

Vice President & Global Lead – Applied Intelligence
Analytics and OpenInnovation at Accenture Security

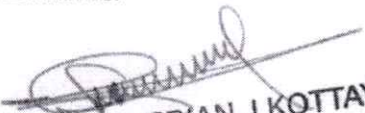
Workshop on Data, Bigdata, Analytics And Artificial Intelligence

Tiruvalla: 7th February 2021

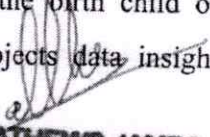
With the advent of the industrial revolution, there was a dramatic shift from manual effort to machines. Since then, there has been no looking back for humans and the demand for even more automation is ever increasing. With the advent of the digital age the flexibility of mankind to look ahead into the future and derive conclusions has skyrocketed. Business Analytics, Machine Learning, AI, Deep Learning, Robotics, and Cloud systems have revolutionized the way we look, absorb, and process information. While there are still on-going developments happening in several of these advanced fields, business analytics has gained the status of being all-pervasive across functions and domains. There is no aspect of our lives untouched by Analytics. The massive wings of analytics are determining how we buy our toothpaste to how we choose partners to how we lead our lives. Analytics is so powerful enough to guide and determine our way of life.

MACFAST has pioneered in teaching these skills to students by proposing a novel course on data science to Mahatma Gandhi University, Kottayam. The demand for Business Analytics skills are always in demand in the current job market. In order to equip our students with the latest skills and knowledge, a two day online Business Analytics Workshop on 'DATA, BIGDATA, ANALYTICS AND ARTIFICIAL INTELLIGENCE' was conducted by Mr. Philip V. Varughese, Vice President & Global Lead – Applied Intelligence Analytics and OpenInnovation, Accenture Security.

Mr. Philip said that Business analytics consists of solutions used to build analysis models and simulations to create scenarios, understand realities and predict future states. It comprises of data mining, predictive analytics, applied analytics and statistics, and is delivered as an application suitable for a business user. Mr. Philip explained the confusion surrounding Business analytics and data analytics. He said that they are used interchangeably and the only difference being that while data analytics is the birth child of the data boom, business analytics represents a coming of age that projects data insights at the heart of business transactions.



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



NITHIN MATHEWS JAMES
PLACEMENT OFFICER
Mar Athanasios College
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Thiruvalla- 689101, Kerala





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Thiruvalla - 689101**

Mr. Philip explained about smart spaces, big data, banking analytics, and the ever pervasive nature of AI and BI. The case study with smart hiring with AI powered bots were also explained the session. There was a question and answer session, where students and faculty members shared their views and doubts on this topic.

The first session was conducted on 6th February 2021, 9:30 a.m. to 11:30 a.m., while the second one was completed on 7th February 2021, 9:30 a.m. to 12:30 p.m. This programme was organized by the Department of Management Studies. A total of 72 students attended the two day session.

The registration and coordination of the program was handled by Mr. Arun Prem, Department of Management Studies. The programme was conducted on zoom platform. The feedback was extremely positive and we plan to conduct similar sessions in the future.



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Thiruvalla - 689101**

Business Analytics Workshop – Phase 1

'DATA, BIGDATA, ANALYTICS AND ARTIFICIAL INTELLIGENCE'

by

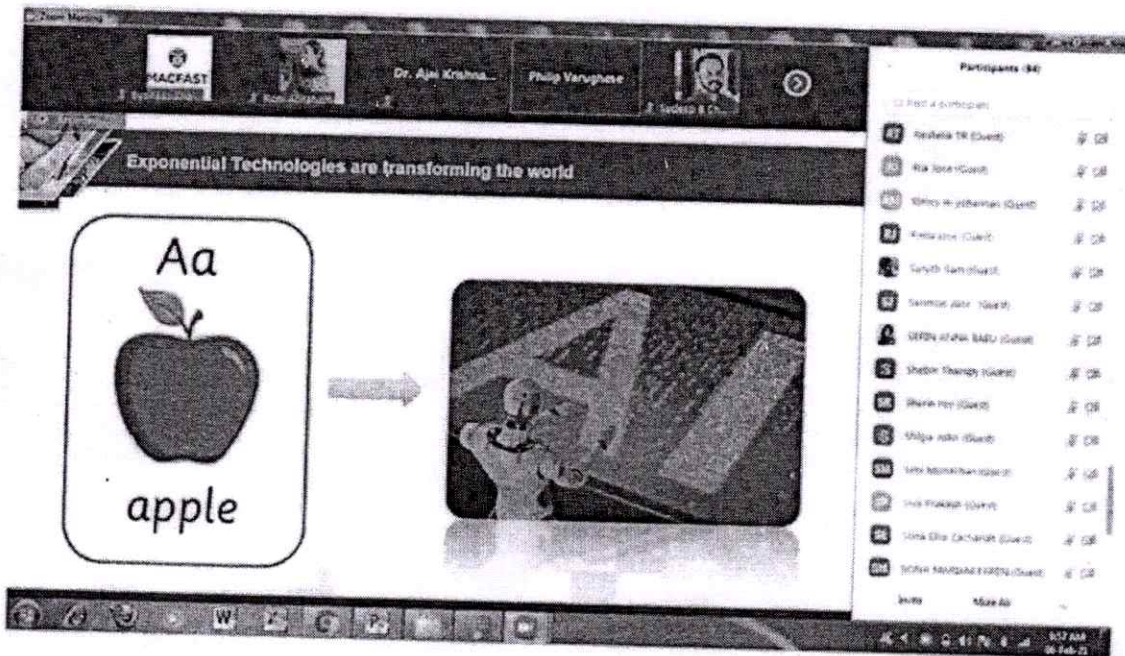
Mr. Philip V. Varughese

Vice President & Global Lead – Applied Intelligence Analytics and OpenInnovation

Accenture Security

6th February 2021, 9:30 a.m. to 11:30 a.m.

Department of Management Studies



**MACFAST INNOVATION AND CORPORATE SYNERGY (MICS)
&
ENTREPRENEURSHIP DEVELOPMENT CELL (EDC)
Presents**

**Webinar on
Entrepreneurship
Development**



Date : 28-01-2021

Time : 3pm - 4:30pm



Mr. Philip Varughese Vayarakunnil

VP & Global Lead - Applied Intelligence, Analytics &
OpenInnovation; Accenture Security. Entrepreneur
& Public Speaker



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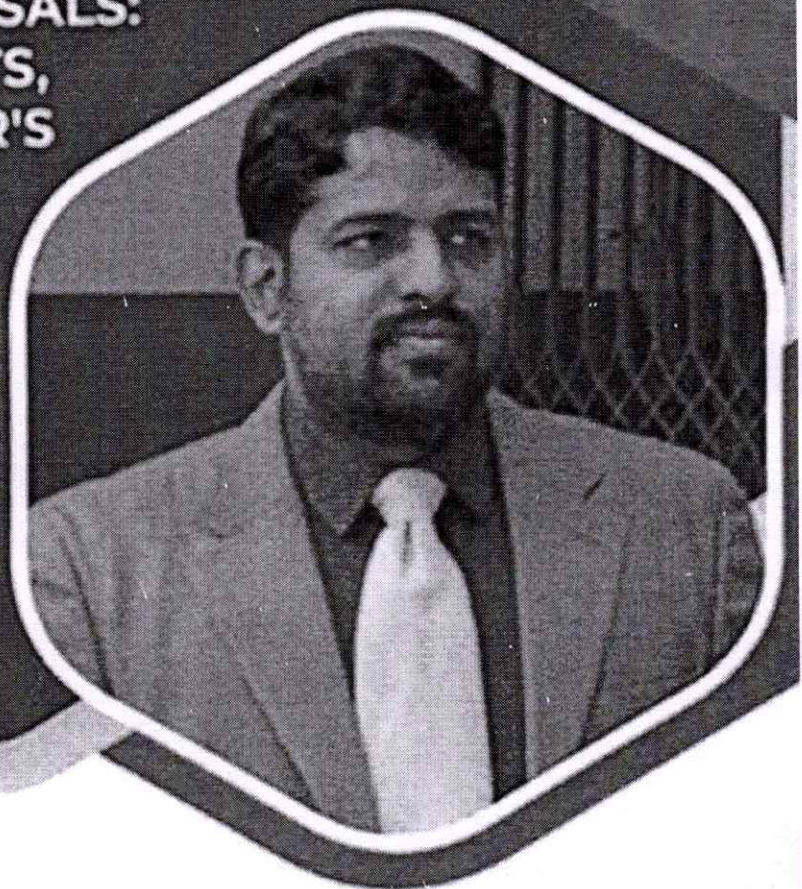
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IQAC  MACFAST Organises
Webinar on



**WRITING GRANT PROPOSALS:
THE DO'S AND DON'TS,
FROM THE REVIEWER'S
PERSPECTIVE**

**Date: 02/12/2020
Time: 11:30 A.M - 1:00 PM**



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Dr. V.B. Sameer Kumar
Assistant Professor,
Department of Biochemistry
& Molecular Biology,
Central University of Kerala,
Kasaragod



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Thiruvalla - 689101**

The report on Writing Grant Proposals: The Do's and Dont's, From the Reviewer's Perspective

IQAC MACFAST organized a webinar on Writing Grant Proposals: The Do's and Dont's, From the Reviewer's Perspective on December 2, 2020. 56 Participants including faculty and students attended the webinar. The session was handled by Dr. V B. Sameer Kumar, Asst. Prof., Department of Biochemistry and Molecular Biology, Central University of Kerala. Faculty members from other colleges also joined in the talk. He started the talk by introducing various state, National and International grants that could be availed by faculty, students, and research scholars. Then he talked about how to write a research proposal, the need for a novel idea, and the content that has to be included in a research proposal. He emphasized the need to include a research design, hypotheses, research questions, expected outcome, estimated expenditure, and the required facilities required to execute the proposed work. He also gave an idea on the difference in presenting the proposal based on the subject area chosen and the type of research that we wish to perform. Finally, he discussed various mistakes usually seen while drafting a proposal and how to avoid those mistakes to get grants from prestigious institutions. The talk was very informative and the open discussion section was very interactive.

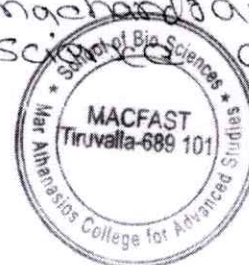
Fr. Dr. CHERIAN J KOTTAYIL
PRINCIPAL
Mar Athanasios College For Advanced Studies
Thiruvalla- 689101, Kerala



Blessy

Blessa Vaaghese
co-ordinator

Dr. Ramachandran
Scientific Club





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DSIR recognized Research Center, ISO 9001:2015 CERTIFIED INSTITUTION,

Listed in the National Institutional Ranking Framework (NIRF) 2020 Rank Band: 151-200

Department of Management Studies & IQAC, MACFAST

Presents

National Conference

on

**Atmanirbhar Bharat: A Roadmap to Self Reliant India
(NCABSRI 2020)**



25th November 2020
Time 09.30 am to 03.30 pm
@ Virtual Platform

A platform where scholars and experts from both Academia and Industry
come together for discussing

on

ATMANIRBHAR BHARAT ABHIYAAN

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, Biosciences and Media Education. 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.

DMS in MACFAST provides postgraduate program in Management Studies (MBA) affiliated to 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.

DEPARTMENT OF MANAGEMENT STUDIES (DMS)

BACKGROUND OF THE CONFERENCE

The Self-Reliant India Mission aims towards cutting down import dependence by focusing on substitution while improving safety compliance and quality goods to gain global market share. The Self-Reliance neither signifies any exclusionary or isolationist strategies but involves creation of a helping hand to the whole world. The Mission focuses on the importance of promoting "local" products.

India's focus to achieve the Atmanirbhar Bharat mission by five key areas such as Economy- which brings in quantum jump and not incremental change, Infrastructure - which should become the identity of India, System - based on 21st century technology driven arrangements, Vibrant Demography- which is our source of energy for a self-reliant India and finally Demand - whereby the strength of our demand and supply chain should be utilized to full capacity

The conference primarily focusses on prominence and techniques for achieving self-reliant and self-efficient economy and also attempt to throw light into the areas of supply chain reforms, rational tax system, simple and clear laws, capable human resources and strong financial systems etc. The conference is consecrated to have two prominent speakers - [Mr. Sijo Kuruvilla George] and [Prof. S. Viswanatha Rao], where in the former addresses the role of MSMEs and startups in fulfilling self-reliant India and the latter focus on 'Infrastructure development and systems -the new horizons for growth'.

TARGET AUDIENCE

Academicians, Industrialists, Central and State Government Officials, Research Scholars and Students (UG & PG).

The Department of Management Studies, MAC-FAST invites deep in thought research works on the above main theme and following sub themes:

Financial System

- Rural Economy financing and Management
- Liquidity Measures of RBI
- Development and financing of MSMEs
- Taxation Reforms and GDP
- Agriculture Infrastructure Financing
- Public Private Partnerships Models
- Sectorial Reforms and Financing
- Micro Finance and Rural Growth

Marketing Reforms

- International Marketing
- Green Marketing
- Sustainable Marketing
- Digital Marketing
- Rural Marketing
- Retail Marketing
- Services Marketing
- Consumer Marketing
- Social Marketing

Supply Chain Reforms

- Self-reliance in Operations & Production
- Global Supply Chain - Concepts/Design/Practices
- Green Operations Initiatives
- Green Logistics
- Value Chain for SCM
- Sustainable & Strategic Warehousing
- Technology Support Systems for effective Supply Chain

Capable Human Resource

- Labour Laws & Reforms
- Upskilling and Reskilling HR
- Ethics and Corporate Social Responsibility
- Talent Management
- Recruitment and Labour Markets
- Labour Relations
- Employee Benefits
- HR and Leadership
- Employee Engagement

Infrastructure & Technology

Agriculture and Allied Sectors
(Warehousing, Cold chains,
Post-harvest management
Dairy infrastructure,
Cattle feed, Beekeeping,
Herbal and medicinal plants)

Power Distribution

Telecommunication

Coal and minerals

Real Estate

Transportation

Infrastructure & Technology

Renewable Energy

E Learning

Big data Analytics

Business Analytics

Data mining

Data warehousing

Healthcare and data
Analytics

Artificial Intelligence

STUDENTS TRACK (UG & PG)

Any topics related to the conference Sub Themes.

IMPORTANT DATES

Abstract Submission

November 5, 2020

Intimation of Abstract acceptance

November 7, 2020

Full paper submission

November 15, 2020

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

Registration need to be done online through the link:
<https://forms.gle/SYJbmckK3rU51kBug8>

Best Paper Award: Best paper will be awarded for **Category I** (Academics, Industrialists and Research scholars) and **Category II** (Students).

Publication Opportunity: Selected papers will be published in the subsequent issues of Journal of Science, Technology and Management with ISSN No. 0974-8334.
Conditions apply.

RESOURCE PERSON

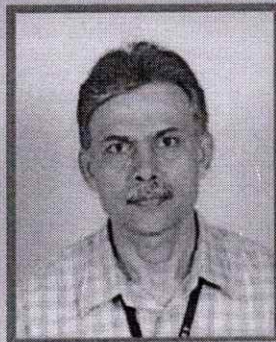


Mr. Sijo Kuruvilla George

Sijo Kuruvilla George is the Founding CEO of Startup Village, the India's first Public Private Partnership Technology Business Incubator. He is also the cofounder of MobME, one of the first student startups from the state of Kerala.

Referred to as the "Megamind behind the treasure trove in Cochin" by Malayala Manorama, his vision led to the creation of Startup Village which brought startups and entrepreneurship to widespread public discourse in the state of Kerala. With experience ranging from entrepreneurship and management consulting to mentoring and speaking, his words have served as one of the strongest catalysts for today's youth to transform their ideas into possibilities.

A major figure in the advancement of student entrepreneurship, Sijo was instrumental in the advocacy and conceptualisation of the Student Entrepreneurship Policy. He also served as a consultant to Kerala Startup Mission, the nodal agency for implementing the Kerala Technology Startup Policy. In recognition of his contributions, he was invited to the first cohort of Rajeev Circle Fellowships by Motwani Jadeja Family Foundation and the International Visitor Leadership Forum (IVLP), prestigious professional exchange program of the Department of State, USA. Recently, Sijo has been selected as a member of Central Government's Expert committee on Science and Technology Policy, India. At present, Sijo is involved in building out the non profit Rethink Foundation. His interests lies at the intersection of technology, education & policy.



Prof. S. Viswanatha Rao

Vice Principal & Dean (Academic) in Mar Baselios College of Engineering and Technology, Thiruvananthapuram. He completed his Bachelors and Masters in Engineering from IISc, Bengaluru. He worked for the R&D Division of the Indian Telephone Industries, Bengaluru for 8 years followed by 10 years in Institute for Infocomm Research, under the Agency for science Technology and Research (ASTAR), Singapore. He has represented Singapore in the standardization process of the International Standards Organization (ISO) and EPC Global. In addition, he has involved in a number of international collaborative research projects with MNCs including those with European Union. Prof. Rao has co-authored many publications in International Conferences and has also served on many Conference Committees.

REGISTRATION FEE DETAILS

Industry	₹ 300
Faculty Member and Research Scholars	₹ 200
Students (UG & PG)	Nil
Participation Only (Faculty members, research scholars & industry)	₹ 200

DETAILS OF ONLINE TRANSFER

Name of Bank	Federal Bank Ltd
Branch	Tiruvalla
Name of Holder	Principal MACFAST
Account Number	10290200012321
IFSC Code	FDRL0001029

CONFERENCE ORGANIZING COMMITTEE

atron

His Grace Most Rev. Dr. Thomas Mar Koorilos, Archbishop of Tiruvalla

Advisory Committee

Fr. Dr. Cherian J. Kottayil, Principal cum Director, MACFAST

Prof. Varghese Abraham, Academic Administrator, MACFAST

Dr. Jeemon Joseph, Director DMS, MACFAST

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

Conference Co-ordinating Team

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Dr. Ajai Krishnan G.
Dr. Neethu Ann Georgie
Mr. Ligo Koshy
Mr. Arun Prem
Mr. Jibumon K. G.

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Department of Management Studies

NATIONAL CONFERENCE ON ATMANIRBHAR BHARAT: A ROAD MAP TO SELF
RELIANT INDIA (NCABSRI 2020)

Venue: Zoom Platform

Date: 25th November 2020, Wednesday

09.30 am	Silent Prayer
09.31 am Welcome Speech:	Dr. Sudeep. B. Chandramana HOD, Department of Management Studies
09.40 am Presidential Address:	Fr. Dr. Cherian J Kottayil Principal, MACFAST
09.50 am Inaugural and Keynote Address:	Mr. Sijo Kuruvilla George Founding CEO of Startup Village
10.30 am Felicitation Speech	Prof. Varghese Abraham Academic Administrator, MACFAST
10.40 am Technical Session	Prof. S. Viswanatha Rao Vice Principal & Dean (Academic) Mar Baselios College of Engineering and Technology, Thiruvananthapuram
11. 10 am Vote of Thanks:	Mr. Ligo. Koshy Assistant Professor, Department of Studies
<i>11. 15 to 11. 30 am : BREAK</i>	
11.30 am onwards	Paper Presentations



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**MACFAST INNOVATION & CORPORATE SYNERGY (MICS)
IN ASSOCIATION WITH DEPARTMENT OF MANAGEMENT STUDIES
ORGANIZES**

Webinar on

STARTUP ECOSYSTEM - INTRODUCTION

**Date : 16th October 2020
Time : 12:00 P.M - 1:00 P.M**



KRISHNAKUMAR M
PROJECT COORDINATOR,
KERALA STARTUP MISSION

*"Have the courage to follow your heart and intuition.
They somehow know what you truly want to become."*

- Steve Jobs



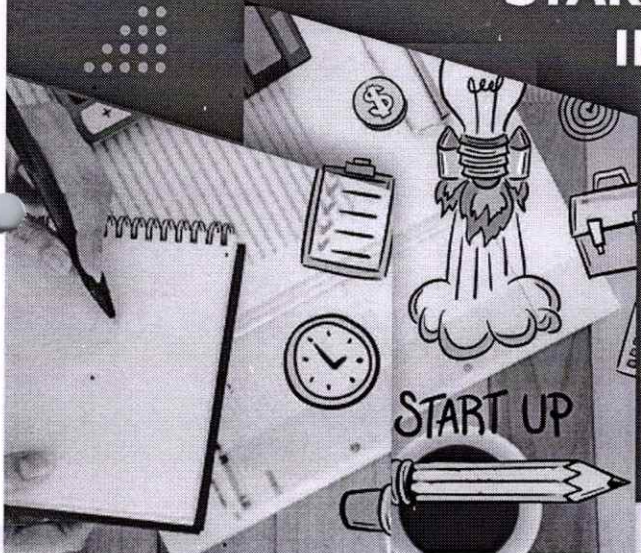
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RESOURCE TEAM

Biju Dharmapalan, Head, School of Biosciences, MACFAST
Sini Kurien, Assistant Professor, School of Biosciences, MACFAST
Tresa Varghese, Ph.D., Assistant Professor, School of Biosciences, MACFAST
Shilpa Lekshmi L., Ph.D., Assistant Professor, School of Biosciences, MACFAST

TECHNICAL SUPPORT

Ajay Kurien, Asst. Coordinator, IQAC, MACFAST
Thomas Mathew, Assistant Professor, Dept. of Computer Applications, MACFAST
Roshin Philip, System Administrator, MACFAST
Pavin Raj Thadathil, Assistant Professor, Dept. of Computer Applications, MACFAST

REGISTRATION DETAILS

- ◆ Fees for the programme Rs. 500 (Non-Refundable)
 - ◆ Payment can be made through UPI/NEFT to the below mentioned account.
Account holder: Mar Athanasios College For Advanced Studies Thiruvalla (MACFAST)
Account Number: 0079053000018055
Name of Bank: South Indian Bank
Branch: Thiruvalla
IFSC: SIBL0000079
MICR: 689059004
- For registration, click on the link or scan the QR code given below:
<https://forms.gle/bGUNB9sEznWfjykw9>

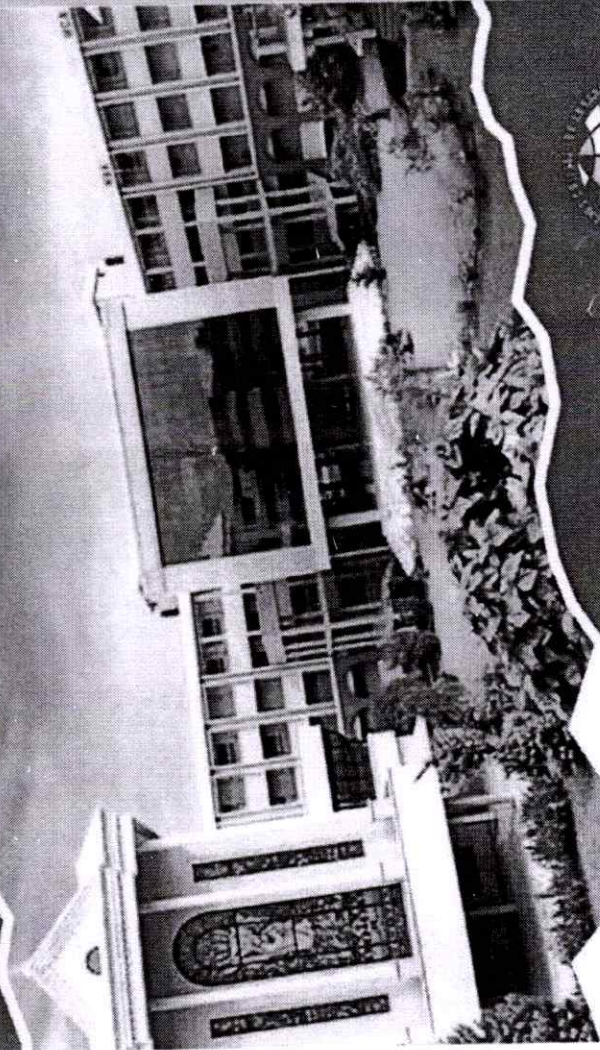
For further queries, please mail us at: jenny@macfast.org
or contact Dr. Jenny Jacob (Programme Coordinator) : 8075567847

Mar Athanasios College For Advanced Studies (MACFAST)
Thiruvalla, Pathanamthitta,
Kerala,
India. Pin-689 101



The Kerala State
Higher Education Council

Online Faculty Development
Programme on
"Creating and Managing
Online Classes"
From
17th to 26th June 2020



Mar Athanasios
College For Advanced Studies
(MACFAST) Thiruvalla
Accredited by NAAC with 'A' Grade and
Recognized by DSIR, Govt. of India

Organized By
School of Biosciences
&
Internal Quality Assurance Cell

Mar Athanasios College for Advanced Studies Tiruvalla (MACFAST) is a premier post graduate research institute, established in 2001 with the objective of offering the best courses in Business Management, Information Technology and Biosciences to mould eminent professionals over the years to confront the challenging demands of the corporate world and the world of science & technology. MACFAST is affiliated to the Mahatma Gandhi University, Kottayam, and approved by the All India Council for Technical Education (AICTE), New Delhi. 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. Within a very short span of its existence, MACFAST has emerged as a trendsetter in education and has turned in to a benchmark for others to emulate with its unparalleled hallmark of academic brilliance and social commitment. The college is located in Tiruvalla, an active commercial township in the central Travancore region of Kerala. The two adjacent campuses together brings an idyllic character in shape and the atmosphere around pitches an ambience of solitude, of course, inevitable for intellectual pursuit. Amidst the lush green, stands this multi-storied building with a built-up area of 3,00,000 sq. ft.

ABOUT THE PROGRAMME

The School of Biosciences, Mar Athanasios College for Advanced Studies Tiruvalla (MACFAST) is pleased to announce the Faculty Development Programme on "Creating and Managing Online Classes". The FDP seeks to address the specific topic of the online class initiative adopted by the Government of India. Faculty all around the world particularly in India are struggling to understand and take up the huge challenge to resume the educational needs of their students through the internet. The FDP will allow you to be confident in creating and managing your online classes without having to struggle. It is a self-paced course of 10 days with hands on sessions and assignments to be completed. The participants have to complete the course with the assignments before the course deadline finishes. The technical sessions are handled by faculty from School of Bioscience. The FDP would be inaugurated by Prof. Dr. Rajan Varughese, Member Secretary, The Kerala State Higher Education Council. All Faculty members, academicians and educationalists are cordially welcome to attend the FDP.



ELIGIBILITY

- FDP is open to all faculty members of colleges, schools and PhD research scholars.
- The FDP has an academic interdisciplinary approach and all academicians interested to use ICT in education can apply.
- All participants are requested to register online on or before 15th June 2020.
- Registration for all participants is mandatory.
- Number of participants is limited to 50 per batch and you are requested to apply early.

PREREQUISITES

- Laptop/desktop with good internet connectivity
- Basic knowledge in using computer and internet

MAJOR SESSIONS

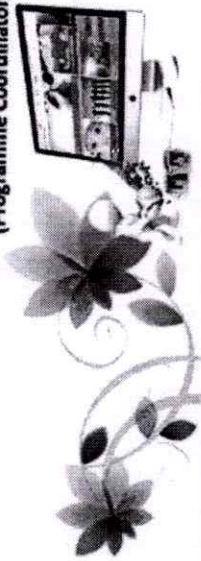
Hands on Workshop on:

- ◆ Online courses (MOOC) and ICT in Education
- ◆ Google Classrooms and other apps in G-Suite
- ◆ Creating a website through Google Sites
- ◆ Video Conferencing tools
- ◆ Creating E-Contents
- ◆ Video Editing and Uploading
- ◆ Charts, Diagrams, Concept Visualization and Animation
- ◆ Academic integrity and Creative Commons licensing

Fr. Dr. Cherian J. Kottayil
Principal, MACFAST

Prof. Varughese Abraham
IQAC Co-ordinator, MACFAST

Dr. Jenny Jacob
Associate Professor,
School of Biosciences, MACFAST
(Programme Coordinator)



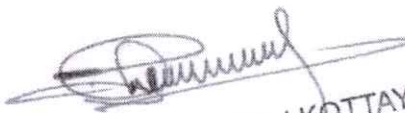


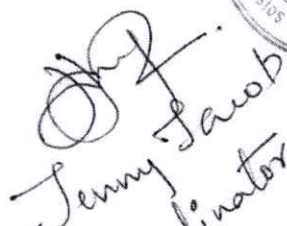
MAR ATHANASIOS COLLEGE FOR ADVANCED STUDIES TIRUVALLA
(MACFAST)

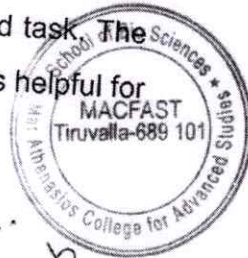
Thiruvalla - 689101

School of Biosciences
Report Online Faculty Development Program on 'Creating and
Managing Online Classes'
June 17-26, 2021

Covid-19 pandemic lockdowns have enforced the implementation of e-learning on digital platforms to revamp education. School of Biosciences and IQAC MACFAST, in association with The Kerala State Higher Education Council, conducted an online Faculty development program on "Creating and Managing Online classes" to provide professional learning opportunities for the faculties to gain skill in online teaching platforms. The program was coordinated by Dr. Jenny Jacob, School of Biosciences. Technical section was handled by Mr. Biju Dharmapalan, Ms. Sini Kurien, Dr. Treesa Varghese and Dr. Shilpa Lekshmi L, faculty, School of Biosciences and technical support was provided by Mr. Ajay Kurien (Asst.Coordinator IQAC, MACFAST), Mr. Thomas Mathew (Ass. Prof. Dept. of Computer application), Roshin Philip (System Administrator) and Mr. Pavin Raj Thadathil (Ass. Prof. Dept. of Computer application). 37 faculty members from various colleges took part in this program. Comprehensive training was provided to create a website (Google Sites), online conferencing platforms (Zoom, Google Meet), LMS softwares (Google classroom) and Google forms for scheduling classes and manage assignments. Participants were also trained in video editing and recording. Participants were also given and evaluated based on the classes handled. Certificates were given to those participants who completed the assigned task. The feedback form received showed that the program was successful and was helpful for all the faculty participants.


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


Jenny Jacob
Coordinator





MACFAST

Jenny Jacob <jenny@macfast.org>

List of participants - MACFAST

1 message

Fr. Dr. Cherian J Kottayil <principal@macfast.org>

Wed, Jun 24, 2020 at 2:48 PM

To: rajanvarghese60@gmail.com, mskshhec@gmail.com

Cc: ajayk@macfast.org, administrator <administrator@macfast.org>, Jenny Jacob <jenny@macfast.org>

Dear Sir,

Greetings from MACFAST!!!

We are expressing our in-depth gratitude for the academic collaboration from The Kerala State Higher Education Council to conduct an online Faculty Development Program (FDP) by the School of Biosciences and IQAC MACFAST on "Creating and Managing Online Classes". We are happy to inform you that the FDP conducted from 17th to 26th June 2020 is nearing its completion.

The list of participants and the format for the completion certificate are attached herewith. Kindly revert back for any corrections.

Thanks and Regards,

Fr. Dr. Cherian J Kottayil

*Principal Cum Director- MACFAST
(Accredited by NAAC with A Grade
Recognized by DSIR, Govt. of India)
Chairman- Radiomacfast 90.4*

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 - Master of Computer Applications (MCA)

- @ **Bio-Campus (www.macfast.ac.in)**
 - M. Sc. Phytomedical Science and Technology
 - M. Sc. Food Science and Technology
 - M. Sc. Plant Biotechnology
 - M. Sc. Bioinformatics
 - M. Sc. Biotechnology
 - M. Sc. Biochemistry

Our Community Radio :

RADIOMACFAST 90.4 "നാട്ടുകാർക്ക് കൂട്ടായി"
Bridging the Knowledge Divide: India Towards a Knowledge Society
(46th Community Radio of India and First Campus Community Radio of Kerala)

Watch Our Profile Video

UNAI & UNHate Foundation 2015 Diversity Contest



List of participants.pdf
826K



MACFAST
the trendsetter in education

**MAR ATHANASIOS COLLEGE FOR
ADVANCED STUDIES TIRUVALLA**
ACCREDITED BY NAAC WITH 'A' GRADE
RECOGNIZED BY DSIR, GOVT. OF INDIA

Ref. No. 192/2020/M1

24/06/2020

**FDP on Creating and Managing Online Classes
17th - 26th of June, 2020**

List of Participants

Name of Participant	Name of Institution
Dr. Ally C. Antony	Mes College, Marampally
Revathy Menon	Mar Chrysostom College Of Arts And Science, Adoor
Preetha G Panicker	Mar Athanasios College For Advanced Studies (MACFAST), Tiruvalla
Tintumol P Joseph	Mar Athanasios College For Advanced Studies (MACFAST), Tiruvalla
Dr. Neethu Ann Georgie	Mar Athanasios College For Advanced Studies (MACFAST), Tiruvalla
Jinu Mary Varghess	Mar Athanasios College For Advanced Studies (MACFAST), Tiruvalla
Ancil Zachariah	Mar Chrysostom College Of Arts And Science, Adoor
Ancila Clara Varghese	Mar Chrysostom College Of Arts And Science, Adoor
Anjali T	Mar Chrysostom College Of Arts And Science, Adoor
Sreeja M	Mar Chrysostom College Of Arts And Science, Adoor
Augustina K Antony	Mar Chrysostom College Of Arts And Science, Adoor
Jeena G C	Mar Chrysostom College Of Arts And Science, Adoor
Nisha P V	Mar Chrysostom College Of Arts And Science, Adoor
Anu Thomas	Mar Chrysostom College Of Arts And Science, Adoor
Dr. Sreekala L R	Mar Chrysostom College Of Arts And Science, Adoor
Jisha	Mar Chrysostom College Of Arts And Science, Adoor
Shiby K Baby	Mar Chrysostom College Of Arts And Science, Adoor
Julie K John	Mar Chrysostom College Of Arts And Science, Adoor
Dr. Ashalakshmi R.K	Mar Athanasios College For Advanced Studies (MACFAST), Tiruvalla
Jayasree Joshi T	Saintgits College Of Engineering, Pathamuttom
Anju K A	Saintgits College Of Engineering, Pathamuttom
Dr. Priya Senan	Sas Sndp Yogam College, Konni
Dr. Lakshmi Mohan	Saintgits College Of Engineering, Pathamuttom
Dr. Amith Aravind	Saintgits College Of Engineering, Pathamuttom
ArunPrem	Mar Athanasios College For Advanced Studies (MACFAST), Tiruvalla
Amrutha Francis	Mar Chrysostom College Of Arts And Science, Adoor
Dr. Jyothilakshmi M	SN College, Kumarakom
Mary Bessy Thomas	Government Arts And Science College, Vypin, Ernakulam.
Sebastian A.V.	St. Albert's College (Autonomous), Ernakulam.
Dr. Jeemon Joseph	Mar Athanasios College For Advanced Studies (MACFAST), Tiruvalla
Dr. Elsa Cherian	Saintgits College Of Engineering, Pathamuttom

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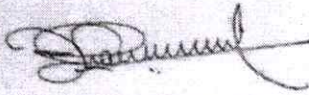
Courses @
Main Campus
MBA & MCA

E-mail
principal@macfast.org
macfast@macfast.org

Website
www.macfast.org
www.macfast.in

KERALA, PIN-689101, INDIA TEL : 0469 2730300, 2730301, 2730303, FAX : 0469 2730317

Dr. Reebu Zachariah Koshy	Saintgits College Of Engineering , Pathamuttom
Dr. Anitha Joseph	Saintgits College Of Engineering, Pathamuttom
Reenamol S	SN College, Kumarakom
Roshan K.V Remesh	SN College Kumarakom
Jerly Akku Cherian	Mar Athanasios College For Advanced Studies (MACFAST), Tiruvalla
Terry Jacob Mathew	Mar Athanasios College For Advanced Studies (MACFAST), Tiruvalla



Fr. Dr. Cherian J. Kottayil

Principal



Clear | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 | 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 | 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 | 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 | 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260 | 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270 | 271 | 272 | 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 | 281 | 282 | 283 | 284 | 285 | 286 | 287 | 288 | 289 | 290 | 291 | 292 | 293 | 294 | 295 | 296 | 297 | 298 | 299 | 300 | 301 | 302 | 303 | 304 | 305 | 306 | 307 | 308 | 309 | 310 | 311 | 312 | 313 | 314 | 315 | 316 | 317 | 318 | 319 | 320 | 321 | 322 | 323 | 324 | 325 | 326 | 327 | 328 | 329 | 330 | 331 | 332 | 333 | 334 | 335 | 336 | 337 | 338 | 339 | 340 | 341 | 342 | 343 | 344 | 345 | 346 | 347 | 348 | 349 | 350 | 351 | 352 | 353 | 354 | 355 | 356 | 357 | 358 | 359 | 360 | 361 | 362 | 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370 | 371 | 372 | 373 | 374 | 375 | 376 | 377 | 378 | 379 | 380 | 381 | 382 | 383 | 384 | 385 | 386 | 387 | 388 | 389 | 390 | 391 | 392 | 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 | 401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410 | 411 | 412 | 413 | 414 | 415 | 416 | 417 | 418 | 419 | 420 | 421 | 422 | 423 | 424 | 425 | 426 | 427 | 428 | 429 | 430 | 431 | 432 | 433 | 434 | 435 | 436 | 437 | 438 | 439 | 440 | 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 450 | 451 | 452 | 453 | 454 | 455 | 456 | 457 | 458 | 459 | 460 | 461 | 462 | 463 | 464 | 465 | 466 | 467 | 468 | 469 | 470 | 471 | 472 | 473 | 474 | 475 | 476 | 477 | 478 | 479 | 480 | 481 | 482 | 483 | 484 | 485 | 486 | 487 | 488 | 489 | 490 | 491 | 492 | 493 | 494 | 495 | 496 | 497 | 498 | 499 | 500 | 501 | 502 | 503 | 504 | 505 | 506 | 507 | 508 | 509 | 510 | 511 | 512 | 513 | 514 | 515 | 516 | 517 | 518 | 519 | 520 | 521 | 522 | 523 | 524 | 525 | 526 | 527 | 528 | 529 | 530 | 531 | 532 | 533 | 534 | 535 | 536 | 537 | 538 | 539 | 540 | 541 | 542 | 543 | 544 | 545 | 546 | 547 | 548 | 549 | 550 | 551 | 552 | 553 | 554 | 555 | 556 | 557 | 558 | 559 | 560 | 561 | 562 | 563 | 564 | 565 | 566 | 567 | 568 | 569 | 570 | 571 | 572 | 573 | 574 | 575 | 576 | 577 | 578 | 579 | 580 | 581 | 582 | 583 | 584 | 585 | 586 | 587 | 588 | 589 | 590 | 591 | 592 | 593 | 594 | 595 | 596 | 597 | 598 | 599 | 600 | 601 | 602 | 603 | 604 | 605 | 606 | 607 | 608 | 609 | 610 | 611 | 612 | 613 | 614 | 615 | 616 | 617 | 618 | 619 | 620 | 621 | 622 | 623 | 624 | 625 | 626 | 627 | 628 | 629 | 630 | 631 | 632 | 633 | 634 | 635 | 636 | 637 | 638 | 639 | 640 | 641 | 642 | 643 | 644 | 645 | 646 | 647 | 648 | 649 | 650 | 651 | 652 | 653 | 654 | 655 | 656 | 657 | 658 | 659 | 660 | 661 | 662 | 663 | 664 | 665 | 666 | 667 | 668 | 669 | 670 | 671 | 672 | 673 | 674 | 675 | 676 | 677 | 678 | 679 | 680 | 681 | 682 | 683 | 684 | 685 | 686 | 687 | 688 | 689 | 690 | 691 | 692 | 693 | 694 | 695 | 696 | 697 | 698 | 699 | 700 | 701 | 702 | 703 | 704 | 705 | 706 | 707 | 708 | 709 | 710 | 711 | 712 | 713 | 714 | 715 | 716 | 717 | 718 | 719 | 720 | 721 | 722 | 723 | 724 | 725 | 726 | 727 | 728 | 729 | 730 | 731 | 732 | 733 | 734 | 735 | 736 | 737 | 738 | 739 | 740 | 741 | 742 | 743 | 744 | 745 | 746 | 747 | 748 | 749 | 750 | 751 | 752 | 753 | 754 | 755 | 756 | 757 | 758 | 759 | 760 | 761 | 762 | 763 | 764 | 765 | 766 | 767 | 768 | 769 | 770 | 771 | 772 | 773 | 774 | 775 | 776 | 777 | 778 | 779 | 780 | 781 | 782 | 783 | 784 | 785 | 786 | 787 | 788 | 789 | 790 | 791 | 792 | 793 | 794 | 795 | 796 | 797 | 798 | 799 | 800 | 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 | 809 | 810 | 811 | 812 | 813 | 814 | 815 | 816 | 817 | 818 | 819 | 820 | 821 | 822 | 823 | 824 | 825 | 826 | 827 | 828 | 829 | 830 | 831 | 832 | 833 | 834 | 835 | 836 | 837 | 838 | 839 | 840 | 841 | 842 | 843 | 844 | 845 | 846 | 847 | 848 | 849 | 850 | 851 | 852 | 853 | 854 | 855 | 856 | 857 | 858 | 859 | 860 | 861 | 862 | 863 | 864 | 865 | 866 | 867 | 868 | 869 | 870 | 871 | 872 | 873 | 874 | 875 | 876 | 877 | 878 | 879 | 880 | 881 | 882 | 883 | 884 | 885 | 886 | 887 | 888 | 889 | 890 | 891 | 892 | 893 | 894 | 895 | 896 | 897 | 898 | 899 | 900 | 901 | 902 | 903 | 904 | 905 | 906 | 907 | 908 | 909 | 910 | 911 | 912 | 913 | 914 | 915 | 916 | 917 | 918 | 919 | 920 | 921 | 922 | 923 | 924 | 925 | 926 | 927 | 928 | 929 | 930 | 931 | 932 | 933 | 934 | 935 | 936 | 937 | 938 | 939 | 940 | 941 | 942 | 943 | 944 | 945 | 946 | 947 | 948 | 949 | 950 | 951 | 952 | 953 | 954 | 955 | 956 | 957 | 958 | 959 | 960 | 961 | 962 | 963 | 964 | 965 | 966 | 967 | 968 | 969 | 970 | 971 | 972 | 973 | 974 | 975 | 976 | 977 | 978 | 979 | 980 | 981 | 982 | 983 | 984 | 985 | 986 | 987 | 988 | 989 | 990 | 991 | 992 | 993 | 994 | 995 | 996 | 997 | 998 | 999 | 1000


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Day 1

- Day 1
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- Day 5
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- Day 10

Curriculum



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Introduction


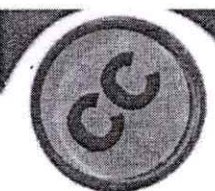
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In Association with

Rajiv Gandhi National Institute of Intellectual Property Management
Nagpur - 440001



Speaker

Ms. Pooja Vishal Maulikar

Examiner Of Patents & Designs,
Rajiv Gandhi National Institute Of Intellectual
Property Management, Nagpur-440001

INTELLECTUAL PROPERTY RIGHTS (IPR) & PATENT PROCESS

For registration contact the Co-ordinators
Biju Dharmapalan, 9447121718 / biju@macfast.org
Ebin Philip Thompson, 9597140564/ ebinthompson@macfast.org

Registration link: <https://forms.gle/4xrHmBRo6wDXgm1f8>

Meeting link: <https://zoom.us/j/95312423338?pwd=aFNTTjdndUGwyYU42SE5HcE9sTHFLUT09>

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Phone:0469-2730301/ 2730303

COURSES

- ▶ M.Sc. Biochemistry
- ▶ M.Sc. Bioinformatics
- ▶ M.Sc. Bionanotechnology
- ▶ M.Sc. Biotechnology
- ▶ M.Sc. Food Technology & Quality Assurance
- ▶ M.Sc. Phytomedical Science & Technology
- ▶ M.Sc. Plant Biotechnology
- ▶ M.A. Multimedia
- ▶ M.B.A
- ▶ M.C.A.

GN Ramachandran Science Club, School of Biosciences

Report on the Webinar

"Intellectual Property Rights (IPR) & Patent process"

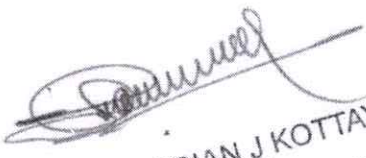
Mrs. Pooja Vishal Maulikar, Examiner of Patents and Design, RGNIIPM, Nagpur

23 November 2020

The School of Biosciences & IQAC MACFAST in association with Rajiv Gandhi National Institute of Intellectual Property Management, Nagpur organized a webinar "Intellectual Property Rights (IPR) & Patent process" on 23rd November 2020 at 3pm IST through Zoom platform. Mrs. Pooja Vishal Maulikar, Examiner of Patents and Design, RGNIIPM, Nagpur was the resource person. Prof. Biju D, HoD, School of Biosciences welcomed the resource person and appreciated the overwhelming response received from the participants for this webinar. The resource person elaborated the types of intellectual properties, along with process of filing for the patents, trademarks and designs. She also provided insights regarding significance of intellectual property in research and technology transfer. Faculty members, research scholars, and professionals from different institutions and organisations actively participated in this webinar. 78 students attended the session. The participants found this webinar highly knowledgeable and insightful. The event was co-ordinated by Prof. Biju D and Er. Ebin Philip Thomson.

Preres
Teresa Varghese
co-ordinator
GN Ramachandran
science club.



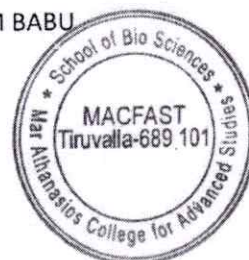

Fr. Dr. CHERIAN J KOTTAYIL
PRINCIPAL
Mar Athanasios College For Advanced Studies
Tiruvalla- 689101, Kerala

GN RAMACHANDRAN
WEBINAR SERIES
"Intellectual Property Rights (IPR) & Patent process"

Ms. Pooja Vishal Maulikar
(Rajiv Gandhi National Institute Of Intellectual Property Management, Nagpur)

23rd November 2020
Attendance

- | | |
|--|-----------------------------------|
| 1. Aiswarya S Nair | 40. Ligo Koshy |
| 2. AM Dev | 41. M T Nurjahan |
| 3. Amal | 42. Malavika |
| 4. Aneesha Susan Alex | 43. Mansi Gupta |
| 5. Anet P kurian | 44. Meenu Madhu |
| 6. ANJALI T | 45. Mejo George |
| 7. Anjana Viswanadh | 46. Metty J Anto |
| 8. ANJU MARIA JOSE | 47. Nandagopan G |
| 9. ANULEKSHMI S | 48. NIRMAL PAULOSE |
| 10. ANUPAMA U | 49. NISHI KANT |
| 11. Ardra A P | 50. Niyah |
| 12. Arun Prem | 51. Parvathy U R |
| 13. ASISH P R | 52. Pooja Maulikar |
| 14. Asish Samuel | 53. REEBA SIMON |
| 15. Athira C.K | 54. REVATHI PADMAKUMAR |
| 16. Beena cherian | 55. Rohan Goswami |
| 17. Behnam Akbari | 56. Ruth Bright Chirayath |
| 18. Blessan George | 57. S. Shanthi |
| 19. Bridget Jose | 58. Sakura Koner |
| 20. Chinju Lidiya Joy | 59. SALOMY KS |
| 21. CHRISTY JOHNSON | 60. Shilpa Lekshmi L |
| 22. Devika B | 61. Shobal |
| 23. Dr. Jeemon (Phoenix Squad (2020-22)) | 62. Shubham Anand |
| 24. Dr. Nadukkudy Varghese Eldho | 63. SIRICIA PERENIO |
| 25. Elvis Samuel | 64. Sisira Prasad |
| 26. fathimasalim | 65. Sonet Thomas |
| 27. Freedia Sebastian | 66. Soumya Madhavan |
| 28. G N Ramachandran Science Club
MACFAST | 67. Sreechithra T V |
| 29. Ganga s | 68. Srikanth Reddy Burugula |
| 30. Geethu E G | 69. Sruthi cr |
| 31. Gopika S | 70. Sruthi Nair (11.Shradha Nair) |
| 32. Hariom Dwivedi | 71. Subin Thompson |
| 33. Haritha B | 72. SUKLA NANDI |
| 34. haritha ma | 73. Tausif |
| 35. Jenny Jacob | 74. THASNEEM NISSAM BABU |
| 36. Jesly Joy | 75. Theresa George |
| 37. Kamalakannan | 76. Treesa Varghese |
| 38. Levin John | 77. Vignesh GP |
| 39. LEYA ELIZABETH CHERIAN | 78. Vipin Patel |



Zoom Meeting

You are viewing Pooja Manlikar's screen

View Options

MACFAST
G.N. Ramachandran

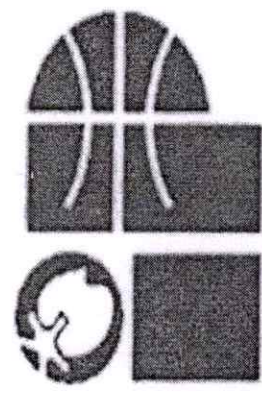
G.N. Ramachandran

Pooja Manlikar

Shilpa Lekshmi L. Behnam Akbari

Recording...

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Security

Participants 53

Polls

Chat

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Reactions

Leave

Participants (51)

Waiting Room (2) Message Admit all

Chirju Lidiya Joy

AM Dew

In the Meeting (51)

- G.N. Ramachan... (Co-host me)
- G.N. Ramachandran Sc... (Host)
- Pooja Mauli... (Co-host guest)
- Aiswarya S Nair (Guest)
- Anhal (Guest)
- Aneesha Susan Alex (Guest)
- Anet P kurian (Guest)
- ANJALIT (Guest)
- Anjana Viswanadh (Guest)
- ANULESHMI S (Guest)
- Ardra A P (Guest)
- Asish Samuel (Guest)

Invite Mute All

Search

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Participants 53

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03:12 PM 23-11-2020



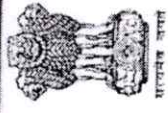
Shilpa Lekshmi L Behnam Akbari

Participants (42)

Find a participant

- G.N. Ramachandran Sci. (Me) [M] [V] [A]
- G.N. Ramachandran Sc. (Host) [M] [V] [A]
- PM Pooja Maulik. (Co-host, guest) [M] [V] [A]
- AS Aiswarya S Nair (Guest) [M] [V] [A]
- A Anjal (Guest) [M] [V] [A]
- AT ANJALI T (Guest) [M] [V] [A]
- Anjana Viswanadh (Guest) [M] [V] [A]
- AS ANBULESHMI S (Guest) [M] [V] [A]
- AA Andra A P (Guest) [M] [V] [A]
- Arun Prem (Guest) [M] [V] [A]
- A Athira C.K (Guest) [M] [V] [A]
- BA Behnam Akbari (Guest) [M] [V] [A]
- BJ Bridget Jose (Guest) [M] [V] [A]
- FS Freedia Sebastian (Guest) [M] [V] [A]
- GE Geethu E G (Guest) [M] [V] [A]
- GS Gopika S (Guest) [M] [V] [A]

Invite Unmute Me



IPR Awareness Programme

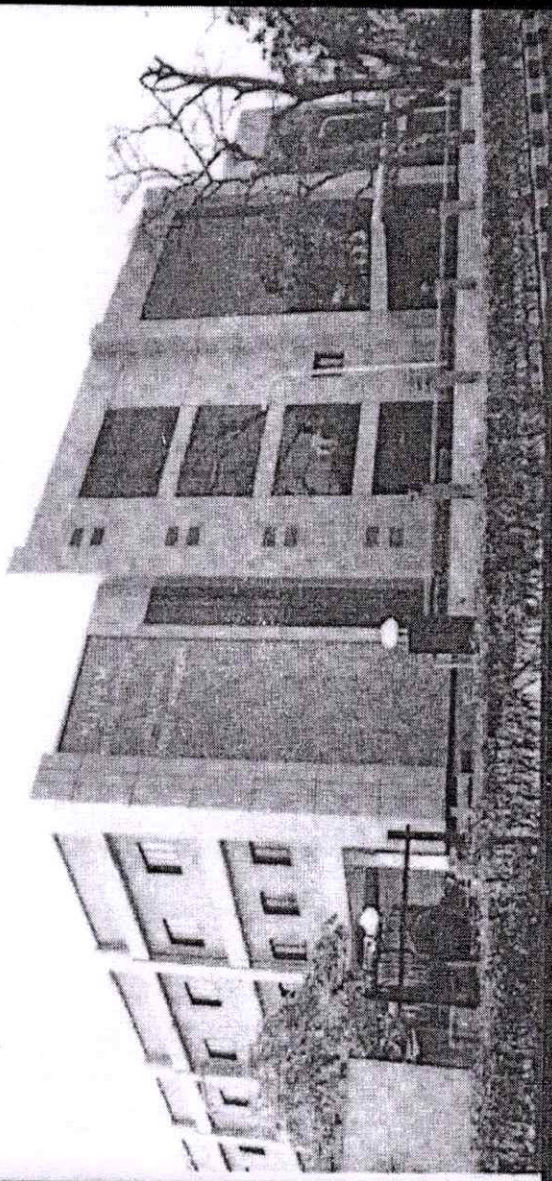
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Shilpa Lekshmi L Behnam Akbari

RGNIIPM Nagpur IPR Training Centre



Participants (52)

Find a participant

Waiting Room (2) Message Admit all

Phoenix Squad (2020-22)

Chinju Lidhya Iby

In the Meeting (52)

G N Ramachandran... (Co-host me)

G N Ramachandran Sc... (Host)

Pooja Maulik... (Co-host guest)

Alswarya S Nair (Guest)

Amal (Guest)

Aneetha Susan Alex (Guest)

Anet P Kurian (Guest)

ANJALI T (Guest)

Anjana Viswanath (Guest)

ANULEKSHMI S (Guest)

Ardra A P (Guest)

Aish Samuel (Guest)

Invite

Mute All

**Report of the webinar organized by Macfast Corporate Relations on the topic
"Startup Ecosystem - Introduction"**

Macfast Corporate Relations organized a webinar through Zoom platform on the topic on "Startup Ecosystem - Introduction" 16th October 2020 from 12.00 pm to 01.00 pm. The webinar was lead by Mr. Krishnakumar M ,Project coordinator, Kerala Startup Mission .The students of MBA, MCA and School of Bio science attended the webinar. A count of 273 participants attended the webinar.

MACFAST
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MACFAST INNOVATION & CORPORATE SYNERGY (MICS)
IN ASSOCIATION WITH DEPARTMENT OF MANAGEMENT STUDIES
ORGANIZES

Webinar on
**STARTUP ECOSYSTEM -
INTRODUCTION**

Date : 16th October 2020
Time : 12:00 P.M - 1:00 P.M

KRISHNAKUMAR M
PROJECT COORDINATOR,
KERALA STARTUP MISSION

*"Have the courage to follow your heart and intuition.
They somehow know what you truly want to become."*
- Steve Jobs

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Nithin Mathews James
NITHIN MATHEWS JAMES
PLACEMENT OFFICER
Mar Athanasios College
For Advanced Studies
Tiruvalla- 689101, Kerala

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



Quality Enhancement Workshop on
Logistics of NAAC Second Cycle Accreditation

4th February 2020

Venue: Room no 202

Time: 9.30 am to 4.00 pm

❖ 9.30 am to 10.00 am **Inaugural session**

Prayer :

Welcome address : Dr. K.R. Sukumaran Nair, Principal N.S.S. College, Konni

Presidential Address : Fr. Dr Cherian J Kottayil, Principal cum Director MACFAST

❖ **Technical Sessions**

Logistics of NAAC Assessment and Accreditation	10.00AM - 10.30 AM	Fr. Dr. S. Ignacimuthu S.J. (Director, Entomology Research Institute, Loyola College, Chennai)
Session- 1 Outcome Based Education	10.30 AM - 11.30 AM	Dr. A. Lourdusamy (IQAC Coordinator Loyola College, Chennai)
Tea Break		
Presentation of Reports by Departments for Second Cycle of Accreditation & Interaction	11.45 AM - 1.00 PM	
Lunch Break		
Presentation of Reports by Departments for Second Cycle of Accreditation & Interaction	01.45 PM - 02.45 PM	
Tea Break		
Session- 3 Fine-tuning the Preparation of Self Study Report (SSR)	02.45 PM - 03.45 PM	Dr. A. Lourdusamy (IQAC Coordinator Loyola College, Chennai)

3.45pm Vote of Thanks

: Prof. Sanesh P. Varghese, Deputy Director MACFAST



MACFAST
(MAR ATHANASIOS COLLEGE FOR ADVANCED STUDIES)
TIRUVALLA



PROVIDENCE
COLLEGE OF ENGINEERING
CHENGANNUR

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Archbishop of Tiruvalla, Patron, MACFAST, Tiruvalla
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- Rev. Fr. Samuel Vilayil
Manager, MACFAST, Tiruvalla
- Dr. K. G. Balakrishnan
Director, Providence College of Engineering, Chengannur
- Dr. T. Thirivikraman
Professor Emeritus, Kannur University, President, Kerala Mathematical Association
- Dr. A. Sunny Kuriakose
General Secretary, Kerala Mathematical Association
- Mr. Sanesh Varghese
Deputy Director, MACFAST, Tiruvalla

ORGANISING COMMITTEE

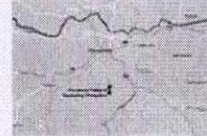
- | | |
|---|---|
| Dr. M. S. Samuel, General Convenor | Ms. Ranjini Mariam Philipose, Asst. Prof. |
| Dr. Santhosh P. Mathew, Convenor | Ms. Sarannya Kumari R, Asst. Prof. |
| Dr. Mathews M George, Co-Convenor | Mr. Sumith P S, Asst. Prof. |
| Dr. P. M. Nishad, Co-Convenor | Ms. Suji Elizabeth Mathew, Asst. Prof. |
| Mr. Tiji Thomas, HOD, DCA, MACFAST | Ms. Sreelekshmi C. Warriar, Asst. Prof. |
| Mr. Jithin Cheriyan, HOD, CSE, Providence | Ms. Velvet Alexander, Asst. Prof. |
| Mr. Ashokraj R, Assoc. Prof. | Mr. Thomas Mathew, Asst. Prof. |
| Ms. Sumisha Samuel, Asst. Prof. | Ms. Retsy Ann Roy, Asst. Prof. |
| Ms. Phiyo J. Cherickal, Asst. Prof. | Ms. Angel George, Asst. Prof. |
| Ms. Arul Treesa Mathew, Asst. Prof. | Ms. Dhanya L.K, Asst. Prof. |
| Mr. Stephen James, Asst. Prof. | Ms. Rani Susan Dommen, Asst. Prof. |
| Ms. Renju Rachel Varghese, Asst. Prof. | |

LOCATION MAP

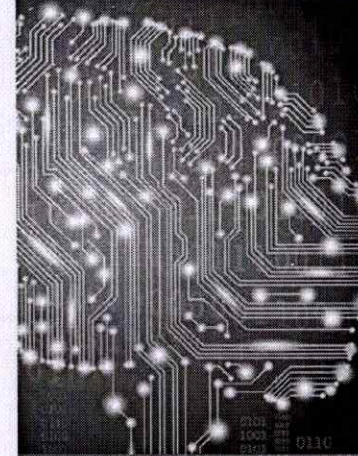
MACFAST



Providence College of Engineering



INTERNATIONAL RESEARCH WORKSHOP



**ON CODING THEORY &
FRACTALS WITH
APPLICATIONS
TO
COMPUTER SCIENCE
AND ENGINEERING**

15, 16 & 17 DECEMBER 2016

ORGANISED BY

DEPARTMENT OF COMPUTER APPLICATIONS



MACFAST, TIRUVALLA
(MAR ATHANASIOS COLLEGE FOR ADVANCED STUDIES)
ACCREDITED BY NAAC WITH A GRADE
PIN-689101, KERALA, INDIA, PHONE: 0469 2730313



DEPARTMENTS OF COMPUTER SCIENCE & ENGINEERING AND MATHEMATICS



PROVIDENCE
COLLEGE OF ENGINEERING

CHENGANNUR, PIN-689122, KERALA, INDIA, PHONE: 0479 2451084/85

IN ASSOCIATION WITH



KERALA MATHEMATICAL
ASSOCIATION
(KMA)



COMPUTER
SOCIETY OF INDIA
(CSI)



UNITED NATIONS
ACADEMIC IMPACT
(UNA-I)

THE RESEARCH WORKSHOP

This is a three day workshop organised jointly by the Departments of Computer Applications, MACFAST, Tiruvalla and Providence College of Engineering, Chengannur, in association with KMA, CSI and UNAL. The aim of the three day workshop is to update the faculty, research scholars and students who belong to the Departments of Mathematics, Statistics, Computer Science and Engineering and to widen their information spectrum, to equip them to think along a line suitable to the present day needs. The workshop is in such a manner that it will be highly motivating, research oriented instructional one and touching the basis of the topics for discussion. It will be a rare opportunity for all those who wish to specialize and work in or to study these areas. New open problems and new trends in these topics will be covered. Enough information and motivation will be given during the course of this workshop. Special discussion and question-answer sessions will be a speciality of the programme. The leading resource persons are eminent scholars in their respective fields.

THRUST AREAS

Theory of Codes

Fundamentals of Computing Theory

Information transmission in rewriting systems

Unconventional computing models

Fractal geometry | Topology | Mathematical visualization

Building striking counter examples

New methods of teaching Mathematics

RESOURCE PERSONS

PROFESSOR HELMUT JURDENSEN

Department of Computer Science
University of Western Ontario
London, Ontario, Canada N6A 5B7



Research Interests: Theory of Codes, Computing Models, Automaton Theory, Theory of Formal and Natural Languages, Semi groups, Information Access for the Blind.

He has many publications in Journals, proceedings or collections, books, lecture notes, theses, reports, edited collections, abstracts & Posters. He knows major Indian languages including Sanskrit and is fond of Indian culture.

He is a visiting Professor in McMaster University, University of Victoria, The University of Western Ontario, University of Waterloo (Canada), The University of Auckland (New Zealand), Universität Magdeburg (Germany), University of Szeged, Budapest University of Economics (Hungary), Kyoto Sangyo University (Japan), Technical University Sofia (Bulgaria), Århus University (Denmark), etc.

PROFESSOR ANDREI TETENOV

Department of Mathematics,
Gomo-Altelsk State University,
Russia.



Research interests: Fractal geometry, topology, complex analysis, hyperbolic geometry, mathematical visualisation, building striking counter examples, new methods of teaching mathematics etc.

He has many publications, as submitted papers, Journals, proceedings or collections, books, lecture notes & theses, reports otherwise unpublished. He is regularly visiting several IITs and Universities in India and several European Universities as resource person for the international conferences and workshops. Professor Tetenov is one among the very few top experts in Fractal Geometry in the world and an admirer of Indian Culture, Indian system of Medicines and Sanskrit. He is a person who has devoted his time and energy for teaching and research, a personality rarely seen.

REGISTRATION DETAILS

There is a registration fee for the participants and the admission will be given on the basis of

first come first serve order.

Faculty Delegates: ₹1500/-

Students and Research Scholars: ₹1000/-

Professionals: ₹2000/-

IMPORTANT DATES

Registration Starts on: **November 21st, 2016**

Last date for receiving DD: **December 6th, 2016**

All those who register in advance will be provided boarding and lodging without any other fee.

Workshop Dates: **December 15th, 16th & 17th, 2016**

VENUE 1

15th & 16th at **MACFAST, Tiruvalla (Mar Athanasios College for Advanced Studies)**

PIN- 689 101, Kerala, India.

VENUE 2

17th at **Providence College of Engineering, Chengannur- 689122, Kerala, India.**

HOW TO REGISTER

The completed registration form along with bank DD should be sent to

Dr. M. S. Samuel, Convener, International Workshop, Department of Computer applications, MACFAST, Tiruvalla 689101, Kerala, India.

An email with details of the participant (Registration Form) and DD should be sent to principal@providencecollege.org, mssamuel@macfast.org. DD should be in favour of the Convener, International workshop, payable at Tiruvalla and drawn on any nationalized bank at Tiruvalla, Kerala.

CONVENORS

Dr. M. S. Samuel

Professor and Director,

Department of Computer Applications,

MACFAST, Tiruvalla (Mar Athanasios College for Advanced Studies) - 689 101, Kerala, India.

Phone : 0479 - 2451084, Mob. No: 94474 56938, E-Mail: mssamuel@macfast.org

Dr. Santhosh P Mathew

Principal, Providence College of Engineering, Chengannur - 689 122, Kerala, India.

E-Mail: principal@providencecollege.org

CO-CONVENORS

Dr. Nishad P. M.

Assoc. Professor

Department of Computer Applications,

MACFAST, Tiruvalla (Mar Athanasios College for Advanced Studies) - 689 122, Kerala, India.

Mob. No: 94952 62832, E-Mail: nishad.pm@macfast.org

Dr. Mathews M. George

Vice Principal, Providence College of Engineering, Chengannur, Kerala India.

E-Mail: mathwes.g@faculty.providencecollege.org

REGISTRATION FORM

Name :
Designation :
Organisation :
Name of Affiliating University :
Age : Gender :
Official Address :

Telephone No :
Mob. No :
E Mail :
Accommodation needed :
Food Preference : Veg Non-Veg
Date of Arrival :

Payment Details:

Amount ₹ DD No

Bank Date

Important Notice

DD to be drawn in favour of Convener, International Workshop Payable at Tiruvalla.
Please e-mail a copy of the completed registration form to principal@providencecollege.org and mssamuel@macfast.org
Delegate Fee is non-refundable
Accommodation can be facilitated on request

PROGRAMME CHART

DAY-1 **15TH DECEMBER 2016**
Venue: MACFAST, Tiruvalla | Time: 9.30am – 4.30pm

DAY-2 **16TH DECEMBER 2016**
Venue: MACFAST, Tiruvalla | Time: 9.30am – 4.30pm

DAY-3 **17TH DECEMBER 2016**
Venue: Providence College of Engineering,
Chengannur
Time: 9.30am – 4.30pm

**International Conference on
Green Economy and Sustainable Development (ICGESD 2019)
& Research Workshop**



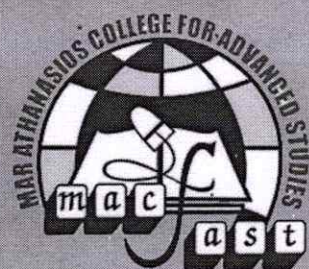
**A platform where scholars and experts from both academia
and industry confabulate for disseminate on**

Green Economy

&

Sustainable Development

January 24th & 25th, 2019



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**

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 2008 financial crisis. 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	Green Politics
Marketing	Per capita Income	& Management	Ethical Perspectives
Human Resource	Unemployment	Climate Change	Social Justice
Operations	Poverty	Biodiversity	
IT		Agriculture	

Also any other topics of relevance.

IMPORTANT DATES

Abstract Submission	December 8, 2018
Intimation of Abstract acceptance	December 13, 2018
Full paper submission	January 10, 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	Workshop	Conference & Workshop
Industry	₹ 2,500	₹ 3000	₹ 5000
Faculty Member and Research Scholars	₹ 2,000	₹ 3000	₹ 4500
Students	₹ 750	₹ 1500	₹ 2000
Participation	₹ 500		

*Additional charges will be collected for the accommodation.

*The Registration fee includes the Conference Kit, 2 Lunches, 1 Breakfast, 1 Dinner and Tea/Coffee during session breaks.

CONFERENCE ORGANIZING COMMITTEE

Patron

His Grace Most Rev. Dr. Thomas Mar Koorilos

Advisory Committee

Fr. Dr. Cherian J. Kottayil, Principal, MACFAST

Prof. Varghese Abraham, Administrator, MACFAST

Prof. Sanesh P. Varghese, Deputy Director, MACFAST

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. Neethu Ann Georgie

Mr. Ajai Krishnan G.

Mr. Ligo Koshy

Mr. Jibumon K. G.

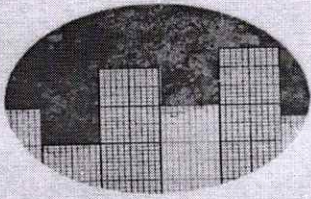
Contact

Dr. Ashalakshmi R. K. - +919249957719

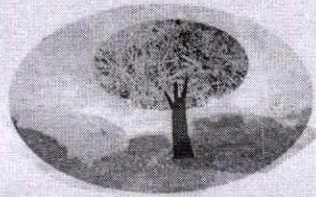
Mr. Ajai Krishnan G. - +919645626109

email: conferencemba@macfast.org

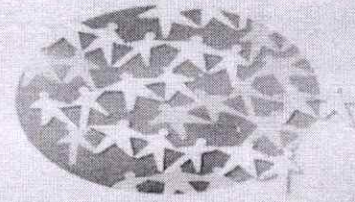
GREEN ECONOMY=



LOW CARBON
GROWTH

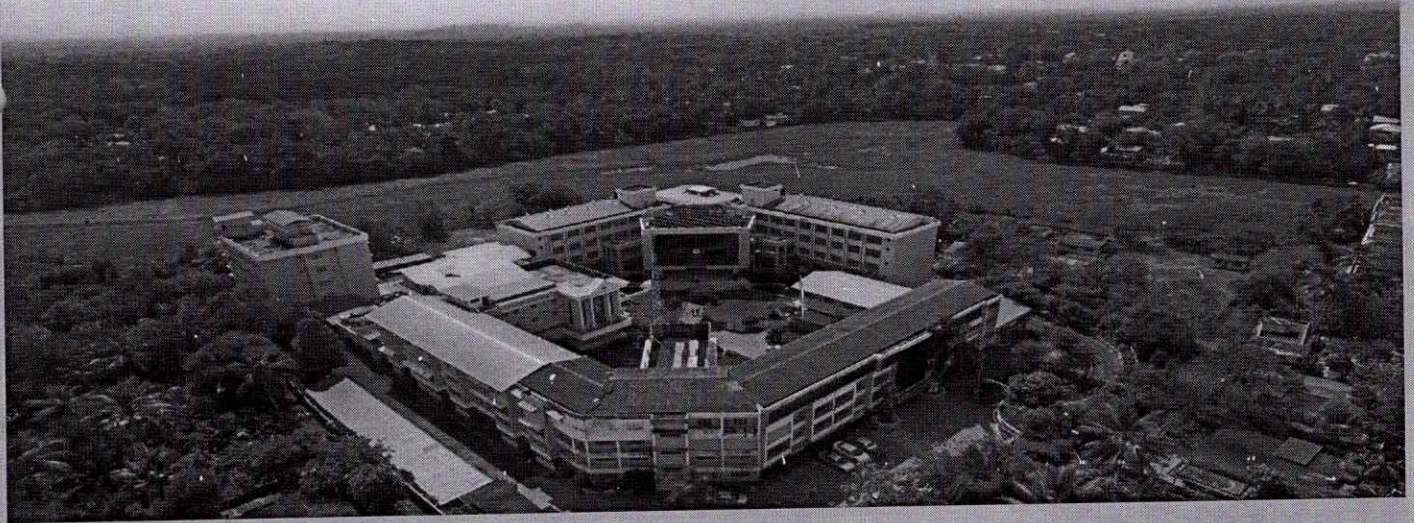


RESOURCE
EFFICIENCY



SOCIAL
INCLUSIVITY

=SUSTAINABLE DEVELOPMENT?



HOW TO REACH MACFAST

Location: The MACFAST campus is located on the Tholassery Junction, on the M. C. Road between Tiruvalla and Chengannur. 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.

Mar Athanasios College for Advanced Studies Tiruvalla

Kerala – 689 101, Tel: 0469 2730301, 2730303, Fax: 2730317

Approved by AICTE & Affiliated to MG University, Kottayam

Accredited by NAAC with 'A' Grade

E – mail: principal@macfast.org www.macfast.org

National Conference on Business Ecosystem - Opportunities and Challenges

A platform where
academia and industry
connect and converse for
knowledge sharing
on business ecosystem

September 14, 2018



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

MACFAST

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Conference Overview

Business ecosystem describe the network of firms, which collectively produce a holistic, integrated technological system that creates value for customers. Understanding the mode of ecosystem change can provide valuable information for organizations that are positioned in these networked environments. The conference is an endeavour to provide this understanding by synthesizing the work of scholars in connection with business ecosystem. The paper presentations and discussions are expected to underline the roles of ecosystem members, the endogenous and exogenous factors of ecosystem evolution, the dynamics of ecosystem change, and the strategic consideration of firms that participate in business ecosystem.

Who can participate?

Academics, industrialists, central and state government officials, research scholars and students

The Department of Management Studies, MACFAST invites reflective research works on HR, Marketing, Finance, Production and operations, Entrepreneurship, Technology and Strategic Management in various business ecosystems like

Retailing	Tourism	Pharmaceutical	Manufacturing
Banking	Health care	IT	Agriculture
Insurance	Education	Real Estate	Social Enterprise

Registration Fee

Industry, Faculty members and Research scholars
Students

₹ 500
₹ 150

PANEL DISCUSSION on Business Ecosystem – Opportunities and Challenges

Panel Members:

- Dr. Jayasankar Prasad C, Director, ICFOSS Project Director, Hardware Mission CEO, TrEST Park – IT Ecosystem
- Rev. Dr. Mathew Mazhavancheril, Director (Academics & Research), Pushpagiri Institute of Medical Sciences & Research Centre, Tiruvalla – Health Ecosystem
- Mr. Jithin Bosco K, Manager, Catholic Syrian Bank, Tiruvalla – Banking Ecosystem.

PROGRAM SHEET

Venue: Auditorium, MACFAST

Date: 14th September 2018, Friday

10.00 am Prayer

10.05 am Welcome Speech:

Prof. Sanesh .P. Varghese
Deputy Director, MACFAST

10.15 am Presidential Address:

Fr. Dr. Cherian J Kottayil
Principal, MACFAST

10.30 am Inaugural and Keynote Address:

Dr. Jayasankar Prasad C
Director, ICFOSS
Project Director, Hardware Mission, CEO, TrEST
Park

11.00 am Felicitation Speech

Prof. Varghese Abraham
Administrator, MACFAST

11.15 am

Honouring the Chief Guest

11.20 am Vote of Thanks:

Dr. Aggi Anand
Associate Professor, Department of Studies,
MACFAST

11.30 am

TEA BREAK

11.45 am

PANEL DISCUSSION

1.00 pm

LUNCH BREAK

1.30pm to 3.30 pm

Paper Presentations

3.30pm

Valedictory session

“Successful businesses are those that evolve rapidly and effectively. Yet innovative businesses can't evolve in a vacuum. They must attract resources of all sorts, drawing in capital, partners, suppliers, and customers to create cooperative networks. . . . I suggest that a company be viewed not as a member of a single industry but as part of a business ecosystem that crosses a variety of industries. In a business ecosystem, companies co-evolve capabilities around a new innovation: They work cooperatively and competitively to support new products, satisfy customer needs, and eventually incorporate the next round of innovations.”



James F Moore
Business strategist
Pioneer of the concept “Business ecosystem”

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).

Featured Keynote



Dr. Jayasankar Prasad C

Director, ICFDSS
Project Director, Hardware Mission
CEO, TrEST Park

Experienced strategist with a demonstrated history of working in the information technology and services industry, having strong professional skills in Business Planning, Operations Management, Requirements Analysis, Entrepreneurship, and Customer Relationship Management.

Extended Dates

Abstract submission

9 September 2018

Intimation of Abstract acceptance

10 September 2018

Full paper submission

12 September 2018

Conference organizing committee

Patron

His Grace Most Rev. Dr. Thomas Mar Koorilos

Advisory Committee

Rev. Dr. Cherian J. Kottayil, Principal, MACFAST

Prof. Varghese Abraham, Administrator, MACFAST

Mr. Sanesh P. Varghese, Deputy Director, MACFAST

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

Dr. V.P Vijayamohan, Associate Professor, Department of Management Studies, MACFAST

Conference Co-ordinating Team

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Mar Athanasios College for Advanced Studies Tiruvalla
Kerala, India-689101
www.macfast.org

MACFAST
Accredited by NAAC with 'A' Grade
Department of Management Studies

NATIONAL CONFERENCE ON BUSINESS ECOSYSTEM-OPPORTUNITIES AND CHALLENGES

Venue: Auditorium, MACFAST

Date: 14th September 2018, Friday

10.00 am Prayer

10.05 am Welcome Speech:

Prof. Sanesh .P. Varghese

Deputy Director, MACFAST

10.12 am Presidential Address:

Fr. Dr. Cherian J Kottayil

Principal, MACFAST

10.20 am Inaugural and Keynote Address:

Dr. Jayasankar Prasad C

Director, ICFOSS
Project Director, Hardware
Mission
CEO, TrEST Park

10.45 am Felicitation Speech

Prof. Varghese Abraham

Administrator, MACFAST

10. 52

Honouring the Chief Guest

10.55 am Vote of Thanks:

Dr. Sudeep.B. Chandramana

HOD, Department of
Management Studies,
MACFAST

11.00 am

TEA BREAK

11.15 am

PANEL DISCUSSION

Dr. Jayasankar Prasad C (Director, ICFOSS, CEO, TrEST Park)

Dr. Vikram Gowda N.R. (Vice Principal, Pushpagiri Institute of Medical Science)

Mr. Jithin Bosco (Manager, Catholic Syrian Bank)

1.00 pm

LUNCH BREAK

1.30pm to 3.30 pm

Paper Presentations

3.30pm

Valedictory session



MACFAST hosts seminar on business ecosystem

PATHANAMTHITTA

The Department of Management Studies at the Mar Athanasios College For Advanced Studies (MACFAST) conducted a day-long national seminar on 'Business ecosystem: Opportunities and challenges' at the college auditorium in Thiruvalla on Tuesday. Jayasankar Prasad, director of the International Centre for Free and Open Source Software (ICFOSS); Fr Cherian J. Kottayil; academics Sudeep B. Chandramana, Varghese Abraham, and Saneesh P. Varghese; Vikram Gowda,

INTERNATIONAL RESEARCH WORKSHOP – DECEMBER 2016
CODING THEORY & FRACTALS WITH APPLICATIONS
TO
COMPUTER SCIENCE AND ENGINEERING
Programme Schedule

Date	Time	Event
15-12-2016 Venue: MACFAST	8.00 am	Registration
	9.30- 10.45 am	Inaugural Ceremony
	10.45-11.00 am	Tea Break
	11.00 - 12.15 pm	<p style="text-align: center;">Lecture 1 Topic: “Introduction to Fractals”</p> <p style="text-align: center;">Professor Andrei Tetenov Department of Mathematics, Gorno- Altaisk State University, Russia</p>
	12.15-12.25 pm	Break
	12.25 – 1.30 pm	<p style="text-align: center;">Lecture 1 Topic: “Introduction to Fractals” (Continuation)</p> <p style="text-align: center;">Professor Andrei Tetenov Department of Mathematics, Gorno- Altaisk State University, Russia</p>
	1.30 – 2.15 pm	Lunch Break
	2.15- 3.15 pm	<p style="text-align: center;">Lecture 2 Topic :” Coding Theory and its Applications”</p> <p style="text-align: center;">Professor Helmut Jurgensen Department of Computer Science, University of Western</p>

		Ontario, London, Canada
	3.15-3.30 pm	Tea Break
	3.30- 4.45 pm	Lecture 2 Topic :” Coding Theory and its Applications ” (Continuation) Professor Helmut Jurgensen Department of Computer Science, University of Western Ontario, London, Canada
16-12-2016 Venue: MACFAST	9.30 -11.00 am	Lecture 3 Topic: “ Fractals and its Applications to Computer Science ” Professor Andrei Tetenov Department of Mathematics, Gorno- Altaisk State University, Russia
	11.00-11.15 am	Tea Break
	11.15 -12.15 pm	Lecture 3 Topic: “ Fractals – Applications to Computer Science ” (Continuation) Professor Andrei Tetenov Department of Mathematics, Gorno- Altaisk State University, Russia
	12.15 -12.30 pm	Break
	12.30- 1.30 pm	Lecture 3 Topic: “ Fractals – Applications to Computer Science ” (Continuation) Professor Andrei Tetenov

		Department of Mathematics, Gorno- Altaisk State University, Russia
	1.30 – 2.15 pm	Lunch Break
	2.15 - 3.15 pm	Lecture 4 Topic :” Coding Theory and its applications to Computer Science ” Professor Helmut Jurgensen Department of Computer Science, University of Western Ontario, London, Canada
	3.15- 3.30 pm	Tea Break
	3.30-4.45 pm	Lecture 4 Topic :” Coding Theory and its applications to Computer Science ” (Continuation) Professor Helmut Jurgensen Department of Computer Science, University of Western Ontario, London, Canada
17-12-2016 Venue: Providence College of Engineering, Chengannur	9.30-11.00 am	Lecture 5 Topic: “ Fractals and its Applications to Engineering ” Professor Andrei Tetenov Department of Mathematics, Gorno- Altaisk State University, Russia
	11.00-11.15 am	Tea Break
	11.15-12.45 pm	Lecture 5 Topic: “ Fractals and its Applications to Engineering ” (Continuation) Professor Andrei Tetenov Department of Mathematics, Gorno- Altaisk State University, Russia
	12.45 -1.45 pm	Lunch Break

	1.45- 3.15 pm	Lecture 6 Topic :” Coding Theory and its applications to Engineering ” Professor Helmut Jurgensen Department of Computer Science, University of Western Ontario, London, Canada
	3.15-3.30 pm	Tea Break
	3.30-4.00 pm	Closing Ceremony

INAUGURAL CEREMONY OF
INTERNATIONAL RESEARCH WORKSHOP – DECEMBER 2016
CODING THEORY & FRACTALS WITH APPLICATIONS
TO
COMPUTER SCIENCE AND ENGINEERING

Date: 15/12/2016

Venue: College Auditorium, MACFAST

- 09.30 am Prayer : **Ms. Feba Paul**
- 09.35 am College Profile Presentation
- 09.55 am Welcome Speech : **Dr. M. S. Samuel**
Director, Dept. of Computer Applications
- 10.05 am Presidential Address : **Rev. Fr. Pradeep Vazhatharamalayil**
Principal, MACFAST
- 10.15 am Lighting the Lamp & Inaugural Address : **Dr. Suresh Das**
Executive Vice President, KSCSTE
- 10.35 am Felicitation : **Dr. K. G. Balakrishnan**
Director, Providence College of Engineering,
Chengannur
- 10.40 am Felicitation : **Dr. Sunny Kuriakose**
Academic Secretary,
Kerala Mathematical Association
- 10.45 am Vote of Thanks : **Dr. Santhosh P. Mathew**
Principal, Providence College of Engineering,
Chengannur

ORGANIZING COMMITTEE

H. G. Most Rev. Dr. Thomas Mar Koorilos
(Archbishop of Tiruvalla, Patron)

Rev. Fr. Pradeep Vazhatharamalayil (Principal)

Rev. Fr. Samuel Vilayil (Manager)

Dr. T. Thriuvikraman (Professor Emeritus, Kannur University;
President, Kerala Mathematical Association)

Dr. A. Sunny Kuriakose (General Secretary, Kerala
Mathematical Association)

Mr. Sanesh Varghese (Deputy Director)

Dr. M. S. Samuel (Director, Department of Computer
Applications, General Convenor)

Mr. Tiji Thomas (HoD, Department of Computer Applications)

Dr. Nishad P. M. (Asso. Professor, Joint Convenor)

Mr. Ashokraj R. (Asso. Professor)

Mrs. Phijo J. Cherickal (Asst. Professor)

Mr. Stephen James (Asst. Professor)

Mrs. Ranjini Mariam Philipose (Asst. Professor)

Mr. Sumith P. S. (Asst. Professor)

Mrs. Sreelekshmi C. Warriar (Asst. Professor)

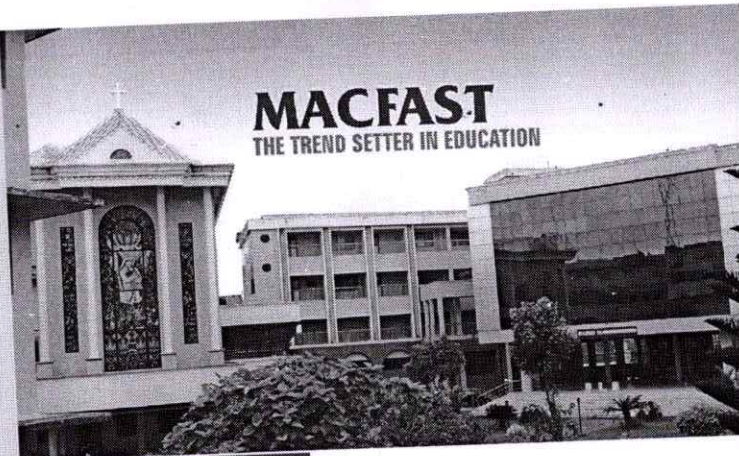
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Ms. Dhanya L.K (Asst. Professor)

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**MAR ATHANASIOS COLLEGE FOR
ADVANCED STUDIES TIRUVALLA**
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National Seminar on RECENT RESEARCH OPPORTUNITIES IN COMPUTER SCIENCE AND ITS APPLICATIONS

5th and 6th September, 2016

Sponsored and Supported by



Kerala State Council for Science
Technology and Environment (KSCSTE)

In Association with
Computer Society of India (CSI)
Kerala Mathematical Association (KMA)



MACFAST

Accredited by NAAC with 'A' grade

Organized by
Department of Computer Applications
Mar Athanasios College for
Advanced Studies Tiruvalla
Kerala-689101
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About the Seminar

This national seminar is specially intended for research oriented persons from different fields of Computer Science and Mathematics to enrich them with the recent techniques in Computer Science and its Applications.

MACFAST

Mar Athanasios College for Advanced Studies Tiruvalla (MACFAST) is established in the heart of Thiruvalla in 2001 with the department of Computer Applications in order to produce professionally competent post graduates in Computer Science and its Applications. The department is offering Master of Computer Applications (3 Year/2 Year Lateral Entry) Programs incorporating semester system approved by M.G University with an intake limited to 60 seats for each. Apart from the subjects prescribed in the syllabus, the department is offering various advanced courses to make students conversant with current technology.

The department has also applied for the status of Research Centre in Computer Applications under M.G University.

Kerala State Council for Science, Technology and Environment (KSCSTE)

(KSCSTE) is an autonomous body constituted by the Government of Kerala in November 2002 to encourage and promote science and technology-related activities in Kerala State. Prior to the establishment of KSCSTE, the body responsible for carrying out similar work was the State Committee for Science, Technology and Environment (STEC) established in 1972. KSCSTE is formed by restructuring STEC in concurrence with the Science Policy of Government of India. The council promotes and activates programs for increasing the stock of knowledge in science, and fine tune policies which are significant for the sustained development of humanity

Computer Society of India (CSI)

The Computer Society of India (CSI) is formed in the year 1965 with a handful of IT enthusiasts who were a computer user group with the intention of organizing programmes for promoting computer education and research. Today CSI takes pride in being the largest and most professionally managed association of and for IT professionals in India. The main focus of the society is to engage in scientific and educational activities that are directed towards the advancement of the Computer Science and IT.

Kerala Mathematical Association (KMA)

Kerala Mathematical Association is an organization established in 1962 to serve the mathematical community comprising students, teachers and researchers inside Kerala and outside. It has a membership of around 1000 of which nearly half are life members and about 300 are from the rest of India and outside. The Association regularly organizes, on an average ten to twelve a year, national/international workshops, seminars in different parts of Kerala.

Topics and resource persons

- **Recent research opportunities in Cyber Security**
Dr. Jiju A. Mathew
Associate Professor & Head, Department of Computer Science,
St. Thomas College, Trissur
- **Recent research opportunities in Image Processing**
Dr. B. H. Sekhar
Professor & Head, Department of Computer Science,
Mangalore University, Mangalore
- **Recent research opportunities in Computational Biology**
Dr. M. V. Judy
Associate Professor & Head, Department of Computer Science &
IT, Amrita School of Arts and Sciences, Kochi
- **MATLAB for Computer Science Researchers**
Dr. Sundara Pandian Vaidyanathan
Professor and Dean, R & D Centre, Vel Tech University, Chennai
- **Recent research opportunities in soft set, multiset and its applications to Computer Science**
Dr. Sunil Jacob John
Associate Professor, Department of Mathematics, NIT, Calicut

Registration Fees

Students/ Research Scholars	:	Rs. 300/-
Academic Delegates	:	Rs. 500/-
Corporate Delegates	:	Rs. 750/-

How to Apply

Registration Form in the prescribed format duly filled in, along with non-refundable DD drawn in favour of "The Principal, MACFAST" payable at Tiruvalla is to be sent to the following address on or before **16th August, 2016**. Accommodation will be provided if necessary on prior request

Address:

The General Convener,
National Seminar on Recent Research
Opportunities in Computer Science
and its Applications,
Department of Computer Applications,
MACFAST.
For Enquiries, Kindly Contact
Email: editor.dca@macfast.org
Dr. M. S Samuel : +919447456938
Dr. Nishad P.M : +919495262832
Mr. Tiji Thomas : +919447918374

Website: www.macfast.org/dca/2016/National_Seminar

REGISTRATION FORM

KSCSTE sponsored National Seminar on Recent Research
Opportunities in Computer Science and its Applications

Personal Data:

Name:

Institution/Organization:

Address:

.....

.....

City: State:

Tel: Mob:

Fax:

Email:

Payment Details:

D.D No: dated

drawn on

.....

for Rs.

Accommodation Required: Yes No

Food: Veg Non-Veg

Signature with date

**Report of KSCSTE Sponsored National Seminar on “Recent Research Opportunities
In
Computer science and its Applications” On 5-6 September 2016**

A two day KSCSTE Sponsored National Seminar on “Recent Research Opportunities In Computer science and its Applications” was organized by Department of Computer Applications, MACFAST , Tiruvalla on September 5h -6th 2016. The seminar proved to be the meeting ground for MCA. Students, Research Scholars and Faculties to exchange 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. Dr. M. S. Samuel, Director, Dept. of Computer Applications, while welcoming all the resource persons, dignitaries, delegates and participants, expressed his immense pleasure that Department of Computer Applications of MACFAST College Tiruvalla is hosting for the first time a KSCSTE sponsored National Seminar. On the first day, the inaugural session was presided by Rev. Fr. Pradeep Vazhatharamalayil, Principal, MACFAST, MACFAST College, Tiruvalla and various eminent persons from across India like Prof Dr. K. Poulouse Jacob Pro Vice – Chancellor ,Cochin University of Science and Technology (Chief Guest), Dr. Shiny Jose ,Secretary, Kerala Mathematical Association ,Kottayam Chapter (Felicitation), Prof. Sanesh Varghese, Deputy Director, MACFAST (Felicitation).

The First day session started at 10.45 am by Dr. Jiju A. Mathew, Associate Prof.& Head , Dept. of Computer Science, St.Thomas College, Thrissur. The sub theme of this session was “Recent Research Opportunities in Cyber Security” This session was chaired by Dr. M.S. Samuel, Prof. and Director, Department of Computer Applications. In his address, he emphasized on the need of security in cyber world. Next session started at 12.00 pm by Dr. Sunil Jacob John. Associate Prof., Dept of Mathematics, NIT Calicut on “Recent Research Opportunities in Soft Set, Multiset and its Applications to Computer Science”. This session was chaired by Dr. V. Sundarapandian, Prof. & Dean, R & D Center, Vel Tech University, Chennai. In his session, he emphasized different applications of Mathematics on computer science.

First day afternoon session started at 2.00 pm .Speaker was Dr. M.V Judy, Associate Prof. & Head, Dept. of Computer Science & IT, Amrita School of Arts & Sciences, Kochi.Her topic was “Recent Research Opportunities in Computational Biology”. This session was chaired by Dr. Nishad P M, Associate professor, Department of computer Applications.In her session she discussed different research areas of computational biology. Next session on “MATLAB for Computer Science Researchers” started at 3.30 pm by Dr. V. Sundarapandian”. This session was also chaired by Dr. M.S. Samuel, Prof. and Director, Department of Computer Applications.

The second day of the seminar began with technical session based on the sub theme entitled “Recent Research Opportunities in Image Processing”. This session was handled by Dr. B.H Sekhar, Prof. & Head, Dept. of Computer Science, Mangalore University, and Mangalore. This session was also chaired by Dr. V. Sundarapandian. First session was completed at 11.00 am and remaining session of National seminar was handled again by Dr. V. Sundarapandian Prof. & Dean, R & D Center, Vel Tech University, Chennai. The session emphasized on hands on of Math lab and that was very much useful for researchers as well as students.

At the end of the Seminar, the **Valedictory session** was held at 3.30 pm. which was chaired by Dr. M.S. Samuel, Prof. and Director, Department of Computer Applications., Chief Gust **Dr. R. Vijayakumar**, Director, College Development Council, Mahatma Gandhi University .The Convener of this seminar, Dr. Nishadh P M gave a vote of thanks to the KSCSTE, resource persons, guests and all faculty members of Department of Computer Applications for their cooperation for making this event a success.