

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



MACFASTTM
Igniting wisdom since 2001

3.2.2.

**Details of workshops/seminars conducted on Research Methodology,
Intellectual Property Rights (IPR) and entrepreneurship from
2016-17 to 2020-21**

Criteria 3: Research, Innovations and Extension

MAR ATHANASIOS COLLEGE FOR ADVANCED STUDIES TIRUVALLA (MACFAST)

Tiruvalla, Pathanamthitta, Kerala 689 101

2016-2017



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**Details of workshops/seminars conducted on Research Methodology,
Intellectual Property Rights (IPR) and Entrepreneurship**

Sl. No.	Title of Workshop/Seminar	Number of participants	Start Date	End Date
A.	2016 – 2017			
Sl. No.	Title of Workshop/Seminar	Number of participants	Start Date	End Date
1	Training programme in Chocolate Making for Prospective Entrepreneurs	44	7/19/2016	7/20/2016
2	Training programme in Chocolate Making for Prospective Entrepreneurs	7	8/31/2016	9/1/2016
3	Training programme in Chocolate Making for Prospective Entrepreneurs	7	11/8/2016	11/9/2016
4	Training programme in Cake Making for Prospective Entrepreneurs	7	12/15/2016	12/16/2016
5	Workshop on Patent Information and Drafting for R&D and Industry' on 22nd December, 2016	148	12/22/2016	12/22/2016
6	Training Program in Chocolate Making for Prospective Entrepreneurs	6	2/10/2017	2/11/2017
7	Workshop on SPSS (Research Methodology)	94	3/20/2017	3/24/2017



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



MACFAST

SCHOOL OF BIOSCIENCES

Training Program in

CHOCOLATE MAKING

for prospective entrepreneurs

DATE | **19 - 20** JULY
2016

Programme Coordinator

PINCHU ELIZABATH THOMAS
Phone: 9446401391

For registration details contact

BIJU DHARMAPALAN
Phone: 9447121716



School of Biosciences, MACFAST Tiruvalla

Report on the workshop

“Chocolate making for prospective entrepreneurs”

21st of July, 2016

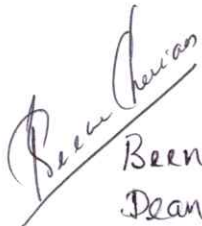
Chocolate is a typically sweet, usually brown food preparation in the form of a liquid paste, or in a block, or used as a flavouring ingredient in other foods. Chocolate has become one of the most popular food types and flavours in the world, and a vast number of foodstuffs involving chocolates have been created, particularly desserts including cakes, pudding, mousse, chocolate brownies, and chocolate chip cookies.

Chocolate is wildly popular for individual consumption, as gifts and for the purposes of baking and cooking. Due to the dominance of large-scale production dynasties, franchises and small businesses tend to focus on unique or specialty items and services. The industry in India is all set to take off to new heights. The chocolate industry offers a wide variety of opportunities for the small business owners too. The industry growth will be driven by population growth as well as expansion into new markets, product innovation and a greater purchasing of premium offerings.

MACFAST has conducted a training programme for prospective entrepreneurs in chocolate making on 19th and 20th of July, 2016. The coordinator and the main resource person of the program was Mrs. Pinchu Elizabeth Thomas. The registration was handed by Mr. Biju Dharmapalan, School of Biosciences. A total of 44 participants attended the training programme to start chocolate making as a business venture.


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Tiruvalla- 689101, Kerala




Beena Cherman
Dean, School of
Biosciences

RESUME

PINCHU ELIZABATH THOMAS

Onattu Thenadil

Perumpanachy P. O.

Changanacherry- 686536

Kerala, India

Mobile: +91 9446401391

E-mail: pinchuthomas@gmail.com

CAREER OBJECTIVE

To work in an organization that simultaneously enriches my professional knowledge, living and contributes towards achieving the goals of the employer.

AREAS OF INTEREST

Teaching, Research and Product development, Bakery & confectionery, Quality Assurance and Process & Technology

PROFESSIONAL & ACADEMIC QUALIFICATIONS

- **Diploma in Sugar Paste**, ICCA (International Center for Culinary Arts), Dubai, UAE, City & Guilds Accredited Certified Programme, 2018
- Qualified **National Eligibility Test (ICAR-NET) in Food Technology** for lectureship, 2016
- **Master of Science in Food Science & Technology**, 2005-2007, Mahatma Gandhi University, Kottayam, Kerala, India- Graduated with Distinction, **First Rank**
- **Bachelor of Science in Food Science & Quality Control**, 2002-2005, Mahatma Gandhi University, Kottayam, Kerala, India- Graduated with Distinction, **Second Rank**

PROFESSIONAL SKILLS

- **Laboratory:** Physico- chemical, nutritional, microbial and sensory analysis of food
- **Engineering skills:** experience in handling food processing equipment
- **Quality Assurance:** Food safety, GMPs, SSOPs and HACCP prerequisites, auditing, documentation and ISO standards in food industries
- **Computer:** MS Word, MS Excel, MS Power Point
- **Baking technology-** new product development, baking, designing and decorating cakes, experienced in handling fondant and sugar paste.
- **Chocolate making-** experienced in manufacturing various homemade chocolates, tempering techniques, filling, enrobing and designing

PROFESSIONAL EXPERIENCE

Assistant Professor

Associated with the School of Biosciences, MACFAST (Mar Athanasios College for Advanced Studies Tiruvalla), Mahatma Gandhi University, Kottayam, Kerala, India, January 2008- Till date.

Duties and Responsibilities:

- Curriculum in-charge of Food Science & Technology Post Graduate Programme, till 2019
- Faculty in-charge of Post Graduate Diploma in Food Technology, till 2015
- Additional, Chief and external examiner for various Food Science Courses under Mahatma Gandhi University, Kottayam, Calicut University and IGNOU, Delhi
- Visiting Faculty, Department of Food Science & Quality Control (Undergraduate Programme), BCM College, Kottayam, Mahatma Gandhi University, Kerala, India
- Guiding external student projects and small-scale entrepreneurs
- Member of the syllabus proposal and revision committee, Mahatma Gandhi University, Kottayam, Kerala
- Member of the Inspection commission, Mahatma Gandhi University, Kottayam, Kerala, 2014-2015
- Question paper setter for various university exams

Facilitator, Training programme in chocolate making and cake decoration for prospective entrepreneurs

Chocolatier

- Experienced in chocolate making, tempering, enrobing, molding and framing techniques
- Modern chocolate decorations using texture sheets, transfer sheets and pralines
- Experienced in manufacture of various chocolate products like truffles, rochers, barks, toffees, French bonbons, truffle shells, chocolate salami, lollipops and chocolate dessert cups
- Experience of decorating confectionery products and baked foods with chocolate materials
- Use of food colours in designing chocolates
- Storage and packaging of products
- Quality evaluation of chocolates

Cake Baker, Designer & Decorator

- Bake cakes in accordance with customer's specifications
- Decorate cakes using different types of icings and mixing of colors
- Designing novelty cakes based on customer's requirements
- Experienced in fondant and sugar paste techniques
- Assembling special occasion cakes
- Experienced in covering, crimping, and embossing
- Skilled in doing fabric effects, textured drapes, frills, ribbons, roses, bows and sugar embroidery
- Modeling Fun Figures, textures, inlay & applique & overlay

- Design and handling, presentation of multi-tiered cake (dowelling & stacking)
- Designing Celebration Cakes & Color Balance

TRAINING EXPOSURE

- Training programme on "Role of HPLC in Food Analysis", CFTRI, Mysore, 26th -27th August 2019
- Training programme on Phytochemical techniques, FRI, Dehradun, April 2019
- Training programme in Safety of Food in Metal and Plastic Packaging, CFTRI (Central Food Technological Research Institute), Mysore, October 2018
- 10 days training experience in Food Technology R&D Division, Sami Labs Limited, Bangalore. December 2017
- Training Programme in "Chocolate for Entrepreneurs", De' Pastry School, Cochin, 2016
- Training Programme in "Cake designing", De' Pastry School, Cochin 2016
- Advanced Food Hygiene and Application of HACCP Based Food Safety Management System- Level 4 (ISO 22000), training curriculum developed by FAO, Food Safety Solutions International, Cochin, Kerala, November 2014
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- Entrepreneurship Development Program on "Food Science & Technology" conducted by Field Testing Station, Changanacherry (Small Industries Development Organization, Ministry of SSI, Govt. India), Jan to Feb 2005
- Seafood Processing and Quality Control, The Integrated Fisheries Project, (Dept. of Animal Husbandry & Dairying, Govt. of India), Cochin, Oct to Nov 2003
- Milk and Milk Products Training, Dairy Training Centre, Kottayam (Kerala State Dairy Development Department), Dec 2002
- Processing of Pickles, Jams & Squashes, The Malabar Cost Products, Kerala, May- June 2003
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RESEARCH EXPERIENCE

- Worked as **Senior Research Fellow**, in the project "**Integrated Technology for the Development of Reinforced Bioplastics with Celluloses of Plant Origin**" funded by Department of Biotechnology (DBT), Govt. of India, and has successfully developed value added products such as degradable, non-toxic packing material there by reducing the usage of LDPE, 2009-2012
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- “Studies on Naturally Fortified Pasta Products,” Defence Food Research Laboratory, Govt. of India, Mysore, 2007
- “A Study to Increase the Shelf-life of Raw Jack Fruit by Drying,” Mar Athanasios College for Advanced Studies Tiruvalla, Kerala, 2007

PROJECT COMPLETED

- “Database on Food Toxins,” Kerala State Council for Science, Technology & Environment (KSCSTE), Thiruvananthapuram, Kerala, 2014.

PROJECT ONGOING

- Co-PI of the project “Human Milk based Human Milk Fortifier for Preterm Infants” Department of Biotechnology, Delhi, 2021

PROFESSIONAL AND PERSONAL ACHIEVEMENTS

- Awarded First Rank by the M.G. University Kottayam for M.Sc., 2007
- Awarded Second Rank by the M.G. University Kottayam for B.Sc., 2005
- Award for best poster presentation in the International Symposium on “Advances in Food Biotechnology,” 2007
- Organizing Committee Member, **Treasurer** of International Symposium on “Second Green Revolution: Priorities, Programmes, Social and Ethical Issues,” Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, India, 2009
- Recipient of the President of India Guide Award, 2000

PROFESSIONAL MEMBERSHIP

- Member, Association of Food Scientists & Technologists, India (AFSTI)
- Kerala Food Technologists Association (KEFTA)

PUBLICATIONS/ SCIENTIFIC PRESENTATIONS

- Value Added Products from Jackfruit (*Artocarpus heterophyllus*) Fruit, **Pinchu Elizabeth Thomas** and Biju Dharmapalan, *Acta Scientific Nutritional Health*, ISSN:2582-1423, 4.2 (2020): 105-110.
- Value added food products from *Flacourtia jangomas* (Lour.) Raeusch, **Pinchu Elizabeth Thomas** and Biju Dharmapalan, *Indian Food Industry Mag*, Vol 38 No 1, Jan- Feb 2019
- Physico-chemical and sensory properties of biscuits fortified with carrot powder, **Pinchu Elizabeth Thomas**, Litty Mary Abraham and Biju Dharmapalan, *International Journal of Food and fermentation Technology*. 8(2): 01-05, December 2018, ISSN No.2249-1570
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- "Rapport between Bioinformatics and Food Technology" Betsy M. Baby, **Pinchu Elizabeth Thomas**, International Symposium on Computational Biology and Drug Design, MACFAST, Thiruvalla, India, 2013
- "Utilization of Cotton Textile Waste as Reinforcement in Low Density Polyethylene Based Bioplastics" Rathish Rajan, **Pinchu Elizabeth Thomas**, Balagopalan C, APM-2011: International Conference on "Advancements in Polymeric Materials," CIPET, Chennai
- "Strategic Solutions for Food Security" **Pinchu Elizabeth Thomas**, Treesa Varghese and Betsy M. Baby, International Symposium on Second Green Revolution: Priorities, Programmes, Social and Ethical Issues, Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, India, 2009
- "Biofortification: A Valuable Ingredient in High Quality Cereals Production" Treesa Varghese, **Pinchu Elizabeth Thomas**, and Betsy M. Baby, International Symposium on Second Green Revolution: Priorities, Programmes, Social and Ethical Issues, Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, India, 2009
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- "A Study to Increase the Shelf-life of Raw Jack Fruit by Drying" **Pinchu Elizabeth Thomas**, Indubala, Maya Raman, National Seminar on Advances in Food Biotechnology, Biospectrum 2007, Mar Athanasios College for Advanced Studies Thiruvalla, India

PERSONAL PROFILE

Date of Birth : 16th January 1985
 Nationality : Indian
 Gender : Female




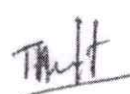


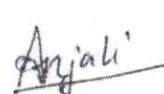



DECLARATION

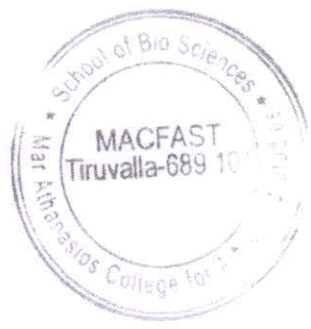
I hereby declare that the particulars furnished above are true and correct to the best of my knowledge and belief.

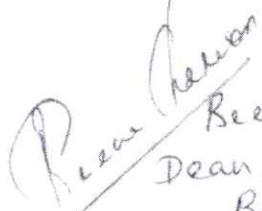
PINCHU ELIZABATH THOMAS

Training Programme In Chocolate Making
19 & 20 July 2016

Student Participation

<u>Name of student</u>	<u>Course</u>	<u>Signature</u>
1 Simon Thomas	FTQA	
2 Rajesh sham	"	
3 Aswin Omanakulan	"	
4 Thejus Anil	"	
5 Oshcen Oliver	"	
6 Rincy Mathew	"	
7 Anjali Pradeep	"	
8 Feba Das	"	
9 Nayan shreji	"	
10 Nithya P.	"	




Beena Cherian
Dean, School of
BioScience



MACFAST

SCHOOL OF BIOSCIENCES

Training program in

Chocolate Making

for prospective entrepreneurs

DATE

31 AUG 2016

to

01 SEP

Programme Coordinator

PINCHU ELIZABATH THOMAS

Phone: 9446401391

For registration details contact

BIJU DHARMAPALAN

Phone: 9447121716



School of Biosciences, MACFAST Tiruvalla

Report on the workshop

"Chocolate making for prospective entrepreneurs"

02 September 2016

Crafting fine chocolate is a true art that takes mastery of candy making to another level. With skills in chocolate making, you can create treats that your customers will purchase at a small shop or seek out for online delivery. As a home run business, you will be involved in packaging and marketing your sweets, along with you main line activities. One can also make it a main line activity, if one desires so.

MACFAST has created a training programme to cater to the needs of the demands for chocolate making from 31st August to 01 September 2016. The objective of the training programme was to impart the training of making, packaging and marketing chocolates. This will lead to ways of income generation through starting small business by making and selling Homemade Chocolates.

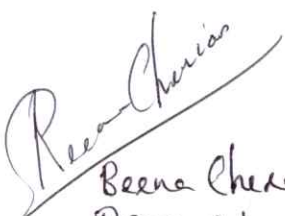
Who Can Attend:- Students, Businessmen Housewives, Entrepreneurs, Retired Persons, For anyone with a passion in chocolate making.

Course Methodology:- Classroom Lectures, Practical Sessions, Individual and Group Practice, designing in cakes etc.

The coordinator and the main resource person of the program was Mrs. Pinchu Elizabeth Thomas. The registration was handed by Mr. Biju Dharmapalan, School of Biosciences. A total of 7 participants attended the training programme to start chocolate making as a business venture.


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Beena Cherian
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RESUME

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Onattu Thenadil

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PROJECT ONGOING

- Co-PI of the project "Human Milk based Human Milk Fortifier for Preterm Infants" Department of Biotechnology, Delhi, 2021

PROFESSIONAL AND PERSONAL ACHIEVEMENTS

- Awarded First Rank by the M.G. University Kottayam for M.Sc., 2007
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- Recipient of the President of India Guide Award, 2000

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PERSONAL PROFILE

Date of Birth : 16th January 1985
 Nationality : Indian
 Gender : Female

DECLARATION


I hereby declare that the particulars furnished above are true and correct to the best of my knowledge and belief.

PINCHU ELIZABATH THOMAS

Training Programme in chocolate making.

August 31 & September - 2016

Student participation List

<u>Name of student</u>	<u>Course</u>	<u>Signature</u>
Dhanu S. Lakshmi	FTQA	
Ansa Mary John)	Ans
Renu John)	Absent
Mecy Jose)	Mecy Jose



Beena Cheriyan
Beena Cheriyan
Dean, School of
Biosciences



MACFAST

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Training program in

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8,9

NOVEMBER 2016

Programme Coordinator

For registration details contact

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Phone: 9446401391

BIJU DHARMAPALAN
Phone: 9447121716



School of Biosciences, MACFAST Tiruvalla

Report on the workshop

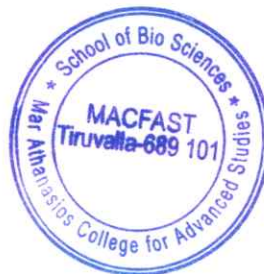
"Chocolate making for prospective entrepreneurs"

10th of November 2016

MACFAST has conducted a training programme on Chocolate making on 8th and 9th of November 2016. The training program is aimed to teach the skills and knowledge needed to make delicious chocolates and confections, right in your own kitchen. This intensive part-time program in chocolate making is delivered 100% as hands on session. The expert faculty members experienced in chocolate making guided the every step of the way. This program has enabled participants to develop products of their desire with their choice of flavours.

The coordinator and the main resource person of the program was Mrs. Pinchu Elizabeth Thomas. The registration was handed by Mr. Biju Dharmapalan, School of Biosciences. A total of 9 participants attended the training programme to start chocolate making as a business venture. A total of 7 participants attended the training programme to start chocolate making as a business venture.

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



Beene Cherman
Beene Cherman
Dean, school of
Biosciences

RESUME

PINCHU ELIZABATH THOMAS

Onattu Thenadil

Perumpanachy P. O.

Changanacherry- 686536

Kerala, India

Mobile: +91 9446401391

E-mail: pinchuthomas@gmail.com

CAREER OBJECTIVE

To work in an organization that simultaneously enriches my professional knowledge, living and contributes towards achieving the goals of the employer.

AREAS OF INTEREST

Teaching, Research and Product development, Bakery & confectionery, Quality Assurance and Process & Technology

PROFESSIONAL & ACADEMIC QUALIFICATIONS

- **Diploma in Sugar Paste**, ICCA (International Center for Culinary Arts), Dubai, UAE, City & Guilds Accredited Certified Programme, 2018
- **Qualified National Eligibility Test (ICAR-NET) in Food Technology** for lectureship, 2016
- **Master of Science in Food Science & Technology**, 2005-2007, Mahatma Gandhi University, Kottayam, Kerala, India- Graduated with Distinction, **First Rank**
- **Bachelor of Science in Food Science & Quality Control**, 2002-2005, Mahatma Gandhi University, Kottayam, Kerala, India- Graduated with Distinction, **Second Rank**

PROFESSIONAL SKILLS

- **Laboratory:** Physico- chemical, nutritional, microbial and sensory analysis of food
- **Engineering skills:** experience in handling food processing equipment
- **Quality Assurance:** Food safety, GMPs, SSOPs and HACCP prerequisites, auditing, documentation and ISO standards in food industries
- **Computer:** MS Word, MS Excel, MS Power Point
- **Baking technology-** new product development, baking, designing and decorating cakes, experienced in handling fondant and sugar paste.
- **Chocolate making-** experienced in manufacturing various homemade chocolates, tempering techniques, filling, enrobing and designing

PROFESSIONAL EXPERIENCE

Assistant Professor

Associated with the School of Biosciences, MACFAST (Mar Athanasios College for Advanced Studies Tiruvalla), Mahatma Gandhi University, Kottayam, Kerala, India, January 2008- Till date.

Duties and Responsibilities:

- Curriculum in-charge of Food Science & Technology Post Graduate Programme, till 2019
- Faculty in-charge of Post Graduate Diploma in Food Technology, till 2015
- Additional, Chief and external examiner for various Food Science Courses under Mahatma Gandhi University, Kottayam, Calicut University and IGNOU, Delhi
- Visiting Faculty, Department of Food Science & Quality Control (Undergraduate Programme), BCM College, Kottayam, Mahatma Gandhi University, Kerala, India
- Guiding external student projects and small-scale entrepreneurs
- Member of the syllabus proposal and revision committee, Mahatma Gandhi University, Kottayam, Kerala
- Member of the Inspection commission, Mahatma Gandhi University, Kottayam, Kerala, 2014-2015
- Question paper setter for various university exams

Facilitator, Training programme in chocolate making and cake decoration for prospective entrepreneurs

Chocolatier

- Experienced in chocolate making, tempering, enrobing, molding and framing techniques
- Modern chocolate decorations using texture sheets, transfer sheets and pralines
- Experienced in manufacture of various chocolate products like truffles, rochers, barks, toffees, French bonbons, truffle shells, chocolate salami, lollipops and chocolate dessert cups
- Experience of decorating confectionery products and baked foods with chocolate materials
- Use of food colours in designing chocolates
- Storage and packaging of products
- Quality evaluation of chocolates

Cake Baker, Designer & Decorator

- Bake cakes in accordance with customer's specifications
- Decorate cakes using different types of icings and mixing of colors
- Designing novelty cakes based on customer's requirements
- Experienced in fondant and sugar paste techniques
- Assembling special occasion cakes
- Experienced in covering, crimping, and embossing
- Skilled in doing fabric effects, textured drapes, frills, ribbons, roses, bows and sugar embroidery
- Modeling Fun Figures, textures, inlay & applique & overlay

- Design and handling, presentation of multi-tiered cake (dowelling & stacking)
- Designing Celebration Cakes & Color Balance

TRAINING EXPOSURE

- Training programme on "Role of HPLC in Food Analysis", CFTRI, Mysore, 26th -27th August 2019
- Training programme on Phytochemical techniques, FRI, Dehradun, April 2019
- Training programme in Safety of Food in Metal and Plastic Packaging, CFTRI (Central Food Technological Research Institute), Mysore, October 2018
- 10 days training experience in Food Technology R&D Division, Sami Labs Limited, Bangalore. December 2017
- Training Programme in "Chocolate for Entrepreneurs", De' Pastry School, Cochin, 2016
- Training Programme in "Cake designing", De' Pastry School, Cochin 2016
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- Entrepreneurship Development Program on "Food Science & Technology" conducted by Field Testing Station, Changanacherry (Small Industries Development Organization, Ministry of SSI, Govt. India), Jan to Feb 2005
- Seafood Processing and Quality Control, The Integrated Fisheries Project, (Dept. of Animal Husbandry & Dairying, Govt. of India), Cochin, Oct to Nov 2003
- Milk and Milk Products Training, Dairy Training Centre, Kottayam (Kerala State Dairy Development Department), Dec 2002
- Processing of Pickles, Jams & Squashes, The Malabar Cost Products, Kerala, May- June 2003
- Training in the processing of Bakery and Confectionary Products Breads, Hot Breads, Kunjoos Fine Products, Kerala, February 2003

RESEARCH EXPERIENCE

- Worked as **Senior Research Fellow**, in the project "**Integrated Technology for the Development of Reinforced Bioplastics with Celluloses of Plant Origin**" funded by Department of Biotechnology (DBT), Govt. of India, and has successfully developed value added products such as degradable, non-toxic packing material there by reducing the usage of LDPE, 2009-2012
- "**Value added Products from Cassava,**" Mar Athanasios College for Advanced Studies Tiruvalla, Kerala, 2008

- “Studies on Naturally Fortified Pasta Products,” Defence Food Research Laboratory, Govt. of India, Mysore, 2007
- “A Study to Increase the Shelf-life of Raw Jack Fruit by Drying,” Mar Athanasios College for Advanced Studies Tiruvalla, Kerala, 2007

PROJECT COMPLETED

- “Database on Food Toxins,” Kerala State Council for Science, Technology & Environment (KSCSTE), Thiruvananthapuram, Kerala, 2014.

PROJECT ONGOING

- Co-PI of the project “Human Milk based Human Milk Fortifier for Preterm Infants” Department of Biotechnology, Delhi, 2021

PROFESSIONAL AND PERSONAL ACHIEVEMENTS

- Awarded First Rank by the M.G. University Kottayam for M.Sc., 2007
- Awarded Second Rank by the M.G. University Kottayam for B.Sc., 2005
- Award for best poster presentation in the International Symposium on “Advances in Food Biotechnology,” 2007
- Organizing Committee Member, **Treasurer** of International Symposium on “Second Green Revolution: Priorities, Programmes, Social and Ethical Issues,” Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, India, 2009
- Recipient of the President of India Guide Award, 2000

PROFESSIONAL MEMBERSHIP

- Member, Association of Food Scientists & Technologists, India (AFSTI)
- Kerala Food Technologists Association (KEFTA)

PUBLICATIONS/ SCIENTIFIC PRESENTATIONS

- Value Added Products from Jackfruit (*Artocarpus heterophyllus*) Fruit, **Pinchu Elizabeth Thomas** and Biju Dharmapalan, *Acta Scientific Nutritional Health*, ISSN:2582-1423, 4.2 (2020): 105-110.
- Value added food products from *Flacourtia jangomas* (Lour.) Raeusch, **Pinchu Elizabeth Thomas** and Biju Dharmapalan, *Indian Food Industry Mag*, Vol 38 No 1, Jan- Feb 2019
- Physico-chemical and sensory properties of biscuits fortified with carrot powder, **Pinchu Elizabeth Thomas**, Litty Mary Abraham and Biju Dharmapalan, *International Journal of Food and fermentation Technology*. 8(2): 01-05, December 2018, ISSN No.2249-1570
- “Clovora- A New Herbal Mouth Wash for Oral Hygiene”, Amal P. K., Abu Anna Joy, Athira Thomas, Jessiya Jacob, Biju Dharmapalan and **Pinchu Elizabeth Thomas**, *Journal of Science, Technology and Management*, December 2018
- “Isolation of Oleoresin from *Capsicum frutescens* and its Value Addition,” **Pinchu Elizabeth Thomas**, and Betsy M. Baby, *International Symposium on Advances in Bioprocess Technology*, 2015
- “Functional Properties of Cellulose-Reinforced Bioplastics and their Potential Usage as Food Packaging Material” **Pinchu Elizabeth Thomas**, Rathish Rajan, Subin Damodaran and C. Balagopalan, *Journal of Science, Technology and Management*, January 2014

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- "Utilization of Cotton Textile Waste as Reinforcement in Low Density Polyethylene Based Bioplastics" Rathish Rajan, **Pinchu Elizabeth Thomas**, Balagopalan C, APM-2011: International Conference on "Advancements in Polymeric Materials," CIPET, Chennai
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- "Biofortification: A Valuable Ingredient in High Quality Cereals Production" Treesa Varghese, **Pinchu Elizabeth Thomas**, and Betsy M. Baby, International Symposium on Second Green Revolution: Priorities, Programmes, Social and Ethical Issues, Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, India, 2009
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- "A Study to Increase the Shelf-life of Raw Jack Fruit by Drying" **Pinchu Elizabeth Thomas**, Indubala, Maya Raman, National Seminar on Advances in Food Biotechnology, Biospectrum 2007, Mar Athanasios College for Advanced Studies Thiruvalla, India

PERSONAL PROFILE

Date of Birth : 16th January 1985
 Nationality : Indian
 Gender : Female

DECLARATION

I hereby declare that the particulars furnished above are true and correct to the best of my knowledge and belief.

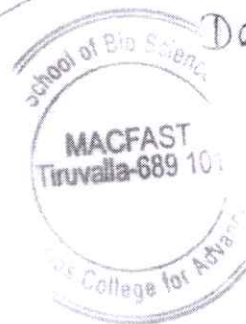
PINCHU ELIZABATH THOMAS

Training Programme in chocolate making
8 & 9 Nov 2016

Name of student	Course	Signature
Aliswanya Vasanth	FTQA	Aliswanya
Linta Jose	"	Linta
Simi Sathar	"	Simi

Beena Cherian

Beena Cherian
Dean, School of
Bioscience





MACFAST

SCHOOL OF BIOSCIENCES

Training Program in

CAKE MAKING

For Prospective Entrepreneurs

DATE

15,16

DECEMBER 2016

Programme Coordinator

Pinchu Elizabeth Thomas , Ph: 9446401391

For registration details contact

Biju Dharmapalan , Ph: 9447121716





School of Biosciences, MACFAST Tiruvalla


Report on the workshop

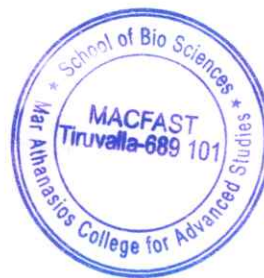
“Cake making for prospective entrepreneurs”

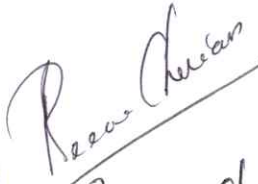
18th of December, 2016

The cake business in India has witnessed massive growth over the last few years due to the increased demand from consumers, the burgeoning cafe-culture and of course, social media. Home-based baking, in particular, has been taken up by a huge number of women entrepreneurs thanks to these reasons. There are many initiatives which are also being taken by the Government of India, which has further encouraged them to pursue their baking dreams. Not just women, quite a few men are also taking up home baking as a profession.

MACFAST has successfully conducted training programmes on Cake making in this regard. A 2 Day training program on cake making, for prospective entrepreneurs was conducted on 15 and 16th of December, 2016. The coordinator of the program was Mrs. Pinchu Elizabeth Thomas and the main sessions were handled by her. The registration was handed by Mr. Biju Dharmapalan, School of Biosciences. A total of 7 participants attended the training programme.


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PERSONAL PROFILE



Date of Birth : 16th January 1985
 Nationality : Indian
 Gender : Female

DECLARATION

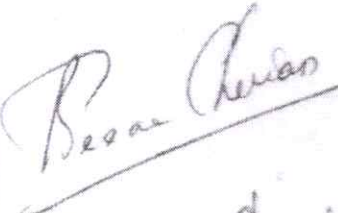
I hereby declare that the particulars furnished above are true and correct to the best of my knowledge and belief.

PINCHU ELIZABATH THOMAS

Training Programme in Cake Making
15th + 16th December 2016

<u>Name of Student</u>	<u>Course</u>	<u>Signature</u>
Luiza Jose	FTQA	
Nessa Ann Vaughn	FTQA	





Beene Chuan
Dean, School of
Biosciences

ICAM
00-010001



The School of Biosciences, MACFAST in association with Patent Information Centre-Kerala/KSCSTE organizes a one day Workshop on

Topic :
Patent Information and Drafting For R&D and Industry

Resource Persons



Shri. V. P. Balagngadharan
Former Brahmaprakash Scientist
VSSC, Trivandrum



Shri. R.S. Praveen Raj
Senior Scientist
NIST, Trivandrum



Adv. Febin James
Trademark Attorney & Patner
Legalites IP Services, Thrissur



Shri. Arun Alfred
Project Scientist
PIC-Kerala, KSCSTE

DATE : 22nd DECEMBER 2016

For registration please contact:

Mr. Biju Dharmapalan
Programme Co-ordinator
E-mail: biju@macfast.org
Phone: 9447121718



MAR ATHANASIOS COLLEGE FOR ADVANCED STUDIES TIRUVALA
(MACFAST)

Thiruvalla - 689101

Workshop on "Patent Information and Drafting for R&D and Industry"

Thiruvalla:

22-12-2016

A workshop on "Patent Information and Drafting for R&D and Industry" was conducted by MACFAST and School of Biosciences in association with Kerala State Council for Science, Technology and Environment (KSCSTE). The workshop was initially scheduled to be conducted on 6th December but was postponed to 22nd December 2016 due to inconvenience by the speakers. The meeting was inaugurated by Er. Renjith D, Scientist at Sree Chitra Tirunal Institute for Medical Sciences and Technology and chaired by Fr. Pradeep Vazhatharamalayil, Principal, MACFAST. Prof. Biju Dharmapalan welcomed the gathering and Prof. Blesson Santhosh George recorded the vote of thanks. Prominent project scientists such as Er. Renjith D, Adv Febin James, Alfred Arnold were the resource persons for the seminar. India tops in many categories worldwide, but ranks very low for the number of accepted patents. The workshop has become a platform to clear doubts on patents and product filing. The workshop was attended by 148 students and has become a venue for explaining the different branches of IPR, viz: Patent filing, Copyright, Trademark, Intellectual design, Procedure, Patent system in India etc. Along with these the legal issues arising out of IPR was also discussed in this workshop.




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


Fr. Pradeep Vazhatharamalayil

Arun Alfred

Arun Alfred is presently working as Project Scientist in Patent Information Centre – Kerala, KSCSTE, Trivandrum. He holds Bachelor's Degree (B.Tech) in Electronics and communication from PRIST University, Thanjavur and pursuing MBA in MG University also holds Certification Course on "Intellectual Property Rights (DL 101)" conducted by World Intellectual Property Organization (WIPO), Geneva, Switzerland.

Within his 1 year of work in PIC – Kerala, he has conducted patent database search on more than 85 applications to determine the patentability status of the inventions. He has been coordinating the activities of Patent Information Centre –Kerala (PIC-Kerala) of KSCSTE, since 2015. He has organized more than 25 IPR awareness Seminars/Workshops/Lectures/Exhibitions throughout the State. He is facilitating the filing of patents, trademarks, designs, copyrights, etc.

PROFILE

Febin James
Advocate
febin.james@gmail.com

PROFILE

Partner of Legalites IP Services, Thrissur

-Former Associate Legal Editor of Malaysian Legal Magazine "Malaysian Legal Alert (MLA)™" -and also Special Correspondent (Asia-Pacific) MLA "Friday Mail"™ (published by M. Knowledge Management Services Malaysia Bhd.)

- Currently, Practicing lawyer at Thrissur Bar and High Court of Kerala.

AREAS OF SPECIALIZATION

Areas of specialization spans to Intellectual Property rights, Mergers and Acquisitions, Arbitration, Mercantile Law et.al.

EDUCATION

- **Master in Business Law (MBL)** - National Law School of India University, Bangalore. 2008
- **Master of Law, LLM in Intellectual Property and Cyber Law**- School of Indian Legal Thought, Department of Law Mahatma Gandhi University, Kerala.
- **Bachelor of Law, (LLB)** (Five Year Course) -University of Calicut.
- **Diploma Course on Intellectual Property rights** - Indian Law Institute, Deemed University, New Delhi- September 2005
- **Bachelor of Arts (Law) (BAL)** - University of Calicut- May 2005

BOOKS COAUTHORED

- "*Jurisprudence and Comparative Law*", Published by Central Law Publications, Allahabad in 2007.
- "*Manual of Police Laws in Kerala*", Published by Law Books Centre, in 2006.

D. Ranjit - Biodata

NAME Prof / Dr / Mr / Ms.		RANJIT DIVAKARAN	
DESIGNATION	ENGINEER-F	ORGANISATION	Biomedical Technology Wing; Sree Chitra Tirunal Institute for Medical Sciences & Technology
DATE OF BIRTH	11-02-1956	DEPARTMENT	Technical Co-Ordination Cell
SEX	Male	DATE OF ENTRY IN GOVT. SERVICE	17 August 1981.
COMPLETE ADDRESS (OFFICE & RESIDENCE)		OFFICE: Biomedical Technology Wing, Satelmond Palace, SCTIMST., Poojapura P.O., Trivandrum – 695012. RES: "JANANI", A-78, Kanaka Nagar, Kaudiar P.O., Trivandrum – 695003.	
CONTACT DETAILS:		PHONE (O)	PHONE (R)
		0471-2520208	0471-2317589
		MOBILE No:	E-MAIL
		9846066751	ranjitd@ hotmail.com

(A) EDUCATIONAL / PROFESSIONAL QUALIFICATIONS (GRADUATION ONWARDS.)

Sl. No.	EXAMINATION / DEGREE	UNIVERSITY / INSTITUTE	YEAR	SUBJECT
1)	ISC	Senior Cambridge / LOYOLA English School, Trivandrum	1972	11 th Std – Indian School Certificate Examinations
2)	B.E.	Bhopal University	1979	Electrical
3)	Diploma in Management	IGNOU	1991	Management
4)	P.G. Diploma in Patent laws.	NALSAR	2004	IPR - Patent

(B) EXPERIENCE / POSTINGS (IN GROUP 'A') (FROM THE LEVEL OF SCIENTIST –'B' ONWARDS):

Sl. No.	NAME OF THE ORGANISATION	DESIGNATION	FROM	TO	DUTY PERFORMED
1)	SCTIMST., Hospital Wing	Perfusionist	17 Aug 1981	30 Jun 1986	Managing extra corporeal circulation during open heart surgery
2)	SCTIMST., BMT Wing; Technology Transfer Cell	Biomedical Engineer - C,	01 July 1986	onwards	Managing QC/ GMP of trial production
3)	SCTIMST., BMT Wing; Technology Transfer Cell	Biomedical Engineer - D	18 March 1987	onwards	co-ordinating QC & GMP of Medical devices production

4)	SCTIMST., BMT Wing: Technology Transfer Cell	Biomedical Engineer - E	25 July 1987	onwards	Managing Techno- logy transfer activity
5)	SCTIMST., BMT Wing: Documentation Cell	Biomedical Engineer - E	06 May 1992	12 July 1994	Managing SDI & Tech Transfr Docs
6)	Biomedical Technology Wing, Technical Co- Ordination Cell.	Biomedical Engineer - F	12 July 1994	Onwards & contin- uing	Managing IPR + Tech: Transfer activity & SCTIMST Sc Expositions

(C) Special honours & achievements:

- (1) Founder VICE PRESIDENT - "Indian Society for Extra Corporeal Technology", 1983 to 1986; Life Member of the Society (ISECT).
- (2) Life member - "Society for Biomaterials & Artificial Organs - India"; Member of the Local Organising Committee of this Society's Inaugural Conference held on Jan, 23-24, 1987.
- (3) Held Associate Editor's post for "Trends in Biomaterials" Journal of the SBMAO-I, from 1990-92 and edited four of its issues.
- (4) Life Member: "RESEARCH SOCIETY of ANAESTHESIOLOGY CLINICAL PHARMACOLOGY."
- (5) Life Member: "INDIAN SCIENCE CONGRESS ASSOCIATION."
- (6) Nominated as the SCTIMST-Institute member for "VISION 2020"- TIFAC (DST-Govt. of India) Committee in 1995, for BIOMATERIALS group related to TECHNOLOGY FORECAST for India.
- (7) Elected as Secretary for "Society for Biomaterials & Artificial Internal Organs-India", in 1990.
- (8) Member sub-committee of the Bureau of Indian Standards, on Medical devices 1993.
- (9) Papers published - 4 Nos. *He has published 4 papers & got two patents*
- (10) Attended 3 International conferences & various National Conferences on behalf of SCTIMST for presenting Institute's R&D Expositions.
- (11) Patents held = Two Nos.
 - (a) Rigid Shell Oxygenator.(03/MAS/90);01-01-90.
 - (b) Rigid Shell Cardiotomy Reservoir.(915/MAS/88);22-12-88

Date:

Sd/-
(Ranjit Divakaran.)

Workshop on 'Patent Information and Drafting for R&D and Industry

22nd December 2016

Programme Schedule

10 am : Inaugural Session

Prayer

Welcome : Biju Dharmapalan, Co-ordinator

Presidential Address : Rev.Fr.Pradeep Vazhatharamalayil, Principal, MACFAST

Inauguration : Er. Renjith. D, Engineer F, Sree Chitra Tirunal Institute for
Medical Sciences and Technology (SCTIMST),
Thiruvananthapuram.

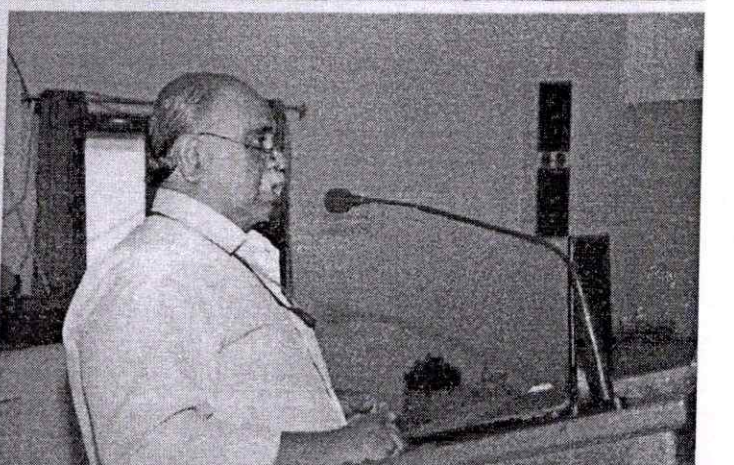
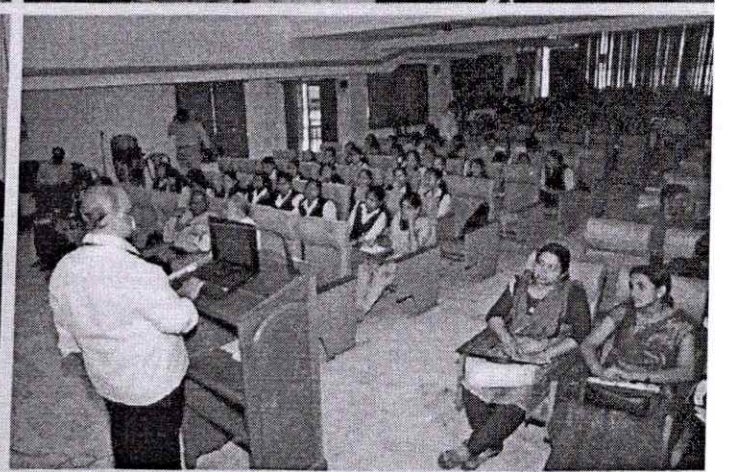
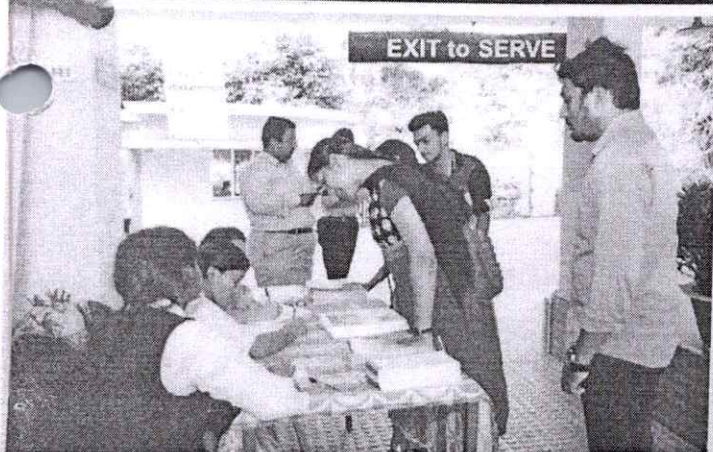
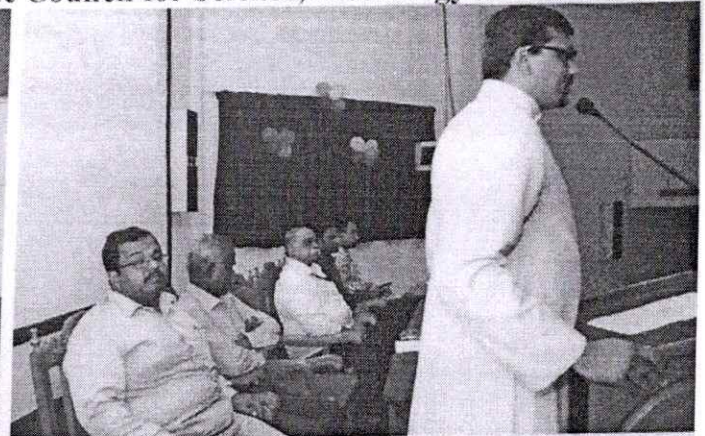
Felicitation : Prof.Saneesh Varghese, Deputy Director, MACFAST

Vote of Thanks : Mr,Blessan Santhosh George, Assistant Professor,
School of Biosciences, MACFAST

Workshop on 'Patent Information and Drafting for R&D and Industry'
22nd December 2016

at
Mar Athanasios College for Advanced Studies Tiruvalla
co-organized by

Patent Information Centre - Kerala/Kerala State Council for Science, Technology & Environment



KERALA STATE COUNCIL FOR SCIENCE, TECHNOLOGY AND ENVIRONMENT
An Autonomous body of the Government of Kerala

KSCSTE – Patent Information Centre (PIC) – One day 'Workshop on Patent Information and Drafting for R&D and Industry' by Mar Athanasius College for Advanced Studies (MACFAST), Tiruvalla - reg.

Council (P) Order No.711/2016/KSCSTE

Dated: Thiruvananthapuram 05.11.2016

Read: - (1) Application from the Principal, Mar Athanasius College for Advanced Studies (MACFAST), Tiruvalla
(2) File No. FA-13/PIC/2016/KSCSTE

ORDER

The Principal, Mar Athanasius College for Advanced Studies(MACFAST), Tiruvalla had forwarded a proposal as read (1) above, seeking financial assistance for the conduct of one day Workshop on 'Intellectual Property Rights' scheduled to be held on 29th November, 2016 Kerala State Council for Science, Technology & Environment (KSCSTE) examined the proposal and sanction is accorded to organize the Workshop and to provide financial support of **Rs. 38,000/-** under the following heads for the Workshop.

SI No	Head	Amount (Rs)
1	Honorarium & Travel Expense of Resource Persons	14,000/-
2	Stationery & Publicity materials	6,000/-
3	Refreshment	15,000/-
4	Contingencies (other organizing expenses)	3,000/-
	Total	Rs.38,000/-

Any expenses other than the above may be met by the Institution or from other sources.

2. The financial assistance may be utilized exclusively to cover the expenditure on the approved heads. Utilization of grant for any other purpose other than the approved heads shall not be entertained. Request for change of date and re-appropriation/change of sanctioned heads will not be entertained.
3. The Programme Co-ordinator and the Head of the Institution executed an agreement of the Terms & Conditions stipulated under this programme. The Organizers should ensure that the Terms and Conditions are strictly followed in the conduct of the Workshop. The Workshop shall be organized within one month from the date of issue of this order.
4. KSCSTE should be properly acknowledged as 'jointly organized by PIC-Kerala/ KSCSTE' in all publicity materials, brochures, banners and other proceedings of the Workshop. The brochure, programme notices, invitation card or programme details including the date, schedule and list of resource persons, etc., should be submitted to KSCSTE in sufficient numbers, well in advance.

5. The faculty/resource persons for the technical sessions of the Workshop will be arranged by Patent Information Centre (PIC), KSCSTE so as to ensure the quality of the Workshop. The organizers should provide a 30 minutes time slot for KSCSTE for a presentation on the activities of PIC - Kerala.
6. As per the Terms and Conditions, 50% of the sanctioned amount may be released as an advance amount. Hence, sanction is accorded to release **Rs.19,000/- (Rupees nineteen thousand only)** being 50% of the sanctioned amount for the conduct of the above mentioned Workshop. The balance amount will be released only after the successful conduct of the Workshop and subject to the submission of satisfactory report along with Audited Utilization Certificate and Statement of Expenditure (in the standard format), Photographs (in CD also), List of Participants and Press Clippings (if any). These documents should be submitted within two months after the conduct of the Workshop, so as to settle the accounts in this regard. The Organizers may have to forward the certified copy of the bills and vouchers in connection with the expenses made while organizing the above mentioned Workshop, when requested by the Patent Information Centre – Kerala, KSCSTE.
7. An amount of **Rs.19,000/- (Rupees Nineteen thousand only)** will be disbursed to the **Principal, Mar Athanasios College for Advanced Studies Tiruvalla (MACFAST)** by account payee cheque for the above said purpose.
8. The expenditure in this regard will be met from the Council budget under the Head of Accounts **III Schemes and Programmes of KSCSTE (26) Patent Information Centre.**

The above sanction has been issued under the delegated powers of the Council, with the approval of the Director, KSCSTE, vide Sanction No. 671/DIR/2016-17/KSCSTE, dated 05.11.2016


Dr. Ajit Prabhu V.
Joint Director & Scientist F

To

The Principal, Mar Athanasius College for Advanced Studies (MACFAST), Thiruvalla – 689 101

Copy to:

Shri. Biju Dharmapalan, Asst. Professor & HOD, School of Biosciences, Mar Athanasius College for Advanced Studies (MACFAST), Thiruvalla – 689 101


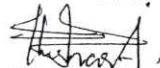


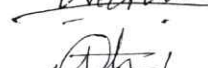

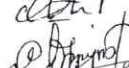





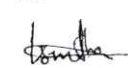

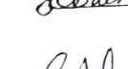
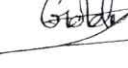

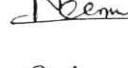



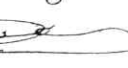

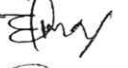
Cash Section-They may arrange the payment by account payee cheque.
PS to Executive Vice President/ PA to Member Secretary/PA to Director.
PA to Controller of Administration/ Administrative Officer/ Finance Officer/
Scientific Officer (BT)/ Stock File/Office Copy.




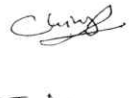
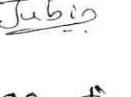




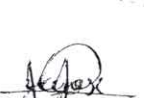
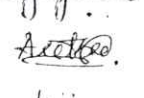
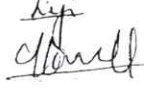


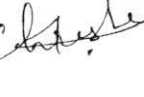

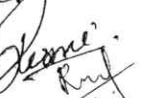
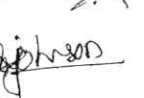



SESSION
MORNING SECTION

<u>Name</u>	<u>Class</u>	<u>Signature</u>
1. Denna Mary Tom	S ₁ FST	<u>Denna</u>
2. Annu & George	S ₁ BIF	<u>Annu</u>
3. Ambili M Thomas	S ₁ FST	<u>Ambili</u>
4. Priya Elizabeth Francis	S ₁ FST	<u>Priya</u>
5. Baby George	S ₁ FST	<u>George</u>
6. Manija Madhu	S ₁ FST	<u>Manija</u>
7. Lilly Thomas	S ₁ BT	<u>Lilly</u>
8. Angela S	S ₁ BC	<u>Angela</u>
9. Ronu John	S ₁ FST	<u>Ronu</u>
10. Sruthi S. kumar	S ₃ BC	<u>Sruthi</u>
11. Nissmol	S ₃ BC	<u>Nissmol</u>
12. Revathy V A	S ₃ BT	<u>Revathy</u>
13. Archana kishor	S ₃ FST	<u>Archana</u>
14) Rajesh Sham	S ₃ FST	<u>Rajesh</u>
15) Noyal Sherji	11	<u>Noyal</u>
16) LIDY M JOSEPH	S ₃ PBT	<u>Lidy</u>
(17) Rohithnath R.R	S ₃ FST	<u>Rohithnath</u>
18) Thejas Anil	S ₃ FST	<u>Thejas</u>
19) Simon Thomas	S ₃ FST	<u>Simon</u>
20) Rinsy Mathew	S ₃ FST	<u>Rinsy</u>
21) Aswathy Ramesh	S ₃ FST	<u>Aswathy</u>
22) Soumya Abrahams	S ₃ BC	<u>Soumya</u>
23) Soumya Zachariah	11	<u>Soumya</u>
24) Sreeja S	11	<u>Sreeja</u>


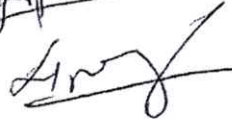


25	ANJU-A	S ₃ BINF	11/11/14 <u>anu</u>
26	Teena Daniel	S ₃ BC	Teena
27	Suryagagabhai P	S ₃ BC	Suryagabhai
28	Alasha Susan Thomas	S ₃ BINF	Alasha
29	Asha Asha Antony	S ₃ BINF	Asha
30	Sreedabhini N	S ₃ BC	<u>Sreedabhini</u>
31	Devika V. A	S ₃ BC	Devika
32	Anuja A. Nair	S ₃ BC	<u>Anuja</u>
33	Alhira Krishnan R	S ₁ FST	Alhira
34	Ansa Mary John	S ₁ FST	<u>Ansa</u>
35	Bhagya Vijayan	S ₁ FST	Bhagya
36	NITHYA PRABHAKAR	S ₃ FST & QA	Nithya
37	Bhavya Xavces	S ₁ BC	<u>Bhavya</u>
38	Sujita S.P	S ₁ BC	<u>Sujita</u>
39	Varsha S.S	S ₁ BC	Varsha
40	Nissa Ann Varghese	S ₃ FST	<u>Nissa</u>
41	Jashna K. Abolaban	"	<u>Jashna</u>
42	Groeshma S	"	<u>Groeshma</u>
43	Deblu .ps	S ₃ PBT	Deblu
44	Prasanthy P	S ₃ BT	Prasanthy
45	Anuraj C James	S ₃ BT	<u>Anuraj</u>
46	Asha L.P	S ₃ BT	Asha
47	Anusara syam	S ₁ PBT	<u>Anusara</u>
48	Maria Joy P	S ₁ BT	<u>Maria</u>
49	Dilna T	S ₁ BIF	<u>Dilna</u>
50	Lida Lulu	S ₃ BT	<u>Lida Lulu</u>
51	Hijina L.N	S ₃ BC	<u>Hijina</u>

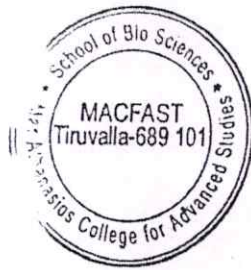
52)	Shone Thomas Mathew	S ₃ BC	Shone
53)	Aiswarya Vasanth	S ₃ FST	Aiswarya
54)	Sindhooza Udayakumar	S ₃ PST	Sindhooza
55.	Ancha U-L	S ₁ FST	Ancha
56.	Jesla John	"	Jesla
57.	Jain Sarah Jacob	"	Jain
58.	Seera Theesa Mathew	"	Seera
59.	Amrutha Bejoe	"	Amrutha
60.	Dhanu S Lakshmi	"	Dhanu
61	Abhisami S. Nair	"	Abhisami
62.	Nikhil A N	S ₁ FST	Nikhil
63.	Akhil S	S ₁ FST	Akhil
64.	Bimal Alias	S ₁ FST	Bimal
65	Anil Anand	S ₁ PBT	Anil
66.	Vishnu C	S ₁ FST	Vishnu
67.	Muhammad Jasir	S ₁ FST	Muhammad
68.	Sibin Babu	S ₁ FST	Sibin
69.	Mathai Mathew	S ₁ FST	Mathai
70.	ASWIN SANJEEV	S ₁ FST	Aswin
71.	Ajith m. Nair	S ₁ MCA	Ajith
72.	Ajoun R. Pillai	S ₁ MCA	Ajoun R. Pillai
73	Edwin Varghese George	S ₁ MCA	Edwin
74.	Srujan Kumar	S ₁ MCA	Srujan

	<u>Name</u>	<u>Class</u>	<u>Signature</u>
75.	Sreenath. K.P	S ₁ MCA	
76.	Thushara. S	S ₁ MCA	
77.	Ajo T. Sam	S ₁ MCA	
78.	NPPATHU MAXIOM RAJU	S ₁ MCA	
79.	Archana. P. Anisudhan	S ₁ MCA	
80.	Athira P. A	S ₁ MCA	
81.	Chippy mol Joy	S ₁ MBA	
82.	Josmy Jose	S ₁ MBA	
83.	Devika M.	S ₁ MBA	
84.	Abhijith Babu	S ₁ MBA	
85.	Midhun Raj.	S ₁ MBA	
86.	Rakulkaishman. G	S ₁ MBA	
87.	Ismitha. EV	S ₁ MBA	
88.	Sebastian Philip	S ₁ MBA	
89.	Goldy Perumal Samuel	S ₁ MBA	
90.	Neenu Allen Vaghese	"	
91.	Roshni. E. Kurian	"	
92.	Geesela James	"	
93.	Shyma John	S ₁ MBA	
94.	Denni K. Thampi	S ₃ FST	
95.	Rajendraprasad N.V	"	
96.	Elma Susan Reji	S ₁ BT	
97.	Lekshmi Devi J.C.	S ₁ BE	
98.	Meruy Jose	S ₁ FST	

Name	class	Signature
99. Shilpa Ashok	S ₁ MBA	
100 JUSTINI JAMES	S ₁ MBA	
101 Sachin Varghese	S ₁ MBA	
102 Arathi Ben	S ₁ ST	
103 Anju Varghese	S ₁ BC	
104 Jubin J Ja karichigil	S ₁ Phytm	
105 Robin Kuriakose	S ₁ MBA	
106 Ritu Menias	S ₁ MBA	
107 Anu Suran	S ₁ MBA	
108 Swathi	S ₁ MBA	
109 Anmol Augustine	S ₁ MBA	
110 SEENA JOSE	S ₁ , MBA	
111 ARDRA S PILLAI	S ₁ , MBA	
112 LIJI PHILIP	S ₁ , MBA	
113 Chiruka Mamine John	S ₁ MBA	
114 VINIKETHA DANIEL	S ₁ MBA	
115 Seba Mary Abraham	S ₁ MBA (Zyus)	
116 Christena Susan	S ₁ MBA	
117 Manju George	S ₁ MBA	
118 Presmi mol K.S	S ₁ MBA	
119 Ronak.	S ₁ MBA	
120 Eby Johnson	S ₁ MBA	

Sl No	Name	Class	Signature
121	Reshma Shaji	S ₃ BC	<u>Reshma</u>
122	Sajeeshha.S	S ₃ BC	<u>Sajeeshha</u>
123	Ooshmala.B	S ₃ BC	<u>Ooshmala</u>
124	Parvathy.J	S ₁ PBT	<u>ParvathyJ</u>
125	Athira.R	S ₁ PBT	<u>Athira</u>
126	Parvathy.N	S ₁ PBT	<u>Parv</u>
127	Abhijith	S ₁ BIF	<u>Abhijith</u>
128	Linla Jose	S ₃ + T & QA	<u>Linla Jose</u>
129	Anjali pradeep	S ₃ + T & QA	<u>Anjali</u>
130	Rajesh Shyam	"	<u>Rajesh</u>
131	Jeba Das	"	<u>Jeba Das</u>
32	SHARANA PARUK	"	<u>Sharana</u>
33	HIMA DEVADAS	"	<u>Hima</u>
134	ASUBIN SHADI	S ₁ MCA	<u>Asubin</u>
35	Namija Anna	"	<u>Namija</u>
136	Athira.s	"	<u>Athira</u>
137	Aruha.S. Madhu	"	<u>Aruha</u>
138	Soni Varghese	"	<u>Soni</u>
139	Meera Rani Thomas	"	<u>Meera</u>
140	Shery M Varghese	Bioscience (faculty)	<u>Shery</u>
141	Dhanya Mohanan	"	<u>Dhanya</u>
142	Blessan Sankosh George	"	<u>Blessan</u>
143	Nina Joseph	"	<u>Nina</u>
144	Merlin, M.C	"	<u>Merlin</u>

Sl.No.	Name	Designation	Signature
145.	Arun Prem	ASST. Professor, DEPT. of Management Studies	
146.	Ligo Koshy	HOD, ASST. Professor, DEPT. of Management Studies.	
147.	Sonik Philip	S1 Biochemistry	
148.	Rahumath A.S.	S1 Biochemistry	





MACFAST

School of Biosciences

Training program in

Chocolate Making

For Prospective Entrepreneurs

10,11
FEBRUARY
2017

PROGRAMME COORDINATOR

Pinchu Elizabeth Thomas Phone: 9446401391

FOR REGISTRATION DETAILS CONTACT

Biju Dharmapalan Phone:9447121716



School of Biosciences, MACFAST Tiruvalla

Report on the workshop

"Chocolate making for prospective entrepreneurs"

12th of February 2017

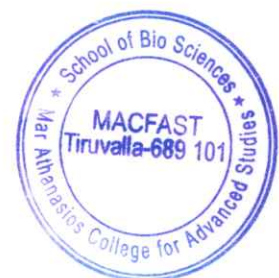
MACFAST has conducted a training programme on Chocolate making on 10th and 11th of February 2017. In this program, the knowledge and skills to make amazing chocolates were delivered by a training session. The program was useful for those who are interested in chocolate as a hobby or starting a new business, our expert instructors can help you achieve your goals. The participants could learn the chemistry and recipe of chocolate development plus fundamental chocolate skills such as tempering, moulding, dipping and decorating.

This program has enabled participants to develop products of their desire with their choice of flavours. The coordinator and the main resource person of the program was Mrs. Pinchu Elizabeth Thomas. The registration was handled by Mr. Biju Dharmapalan, School of Biosciences. A total of 6 participants attended the training programme to start chocolate making as a business venture.



Beeva Cherian
Beeva Cherian
Dean, School of
Biosciences


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



RESUME

PINCHU ELIZABATH THOMAS

Onattu Thenadil

Perumpanachy P. O.

Changanacherry- 686536

Kerala, India

Mobile: +91 9446401391

E-mail: pinchuthomas@gmail.com

CAREER OBJECTIVE

To work in an organization that simultaneously enriches my professional knowledge, living and contributes towards achieving the goals of the employer.

AREAS OF INTEREST

Teaching, Research and Product development, Bakery & confectionery, Quality Assurance and Process & Technology

PROFESSIONAL & ACADEMIC QUALIFICATIONS

- **Diploma in Sugar Paste**, ICCA (International Center for Culinary Arts), Dubai, UAE, City & Guilds Accredited Certified Programme, 2018
- Qualified **National Eligibility Test (ICAR-NET) in Food Technology** for lectureship, 2016
- **Master of Science in Food Science & Technology**, 2005-2007, Mahatma Gandhi University, Kottayam, Kerala, India- Graduated with Distinction, **First Rank**
- **Bachelor of Science in Food Science & Quality Control**, 2002-2005, Mahatma Gandhi University, Kottayam, Kerala, India- Graduated with Distinction, **Second Rank**

PROFESSIONAL SKILLS

- **Laboratory:** Physico- chemical, nutritional, microbial and sensory analysis of food
- **Engineering skills:** experience in handling food processing equipment
- **Quality Assurance:** Food safety, GMPs, SSOPs and HACCP prerequisites, auditing, documentation and ISO standards in food industries
- **Computer:** MS Word, MS Excel, MS Power Point
- **Baking technology-** new product development, baking, designing and decorating cakes, experienced in handling fondant and sugar paste.
- **Chocolate making-** experienced in manufacturing various homemade chocolates, tempering techniques, filling, enrobing and designing

PROFESSIONAL EXPERIENCE

Assistant Professor

Associated with the School of Biosciences, MACFAST (Mar Athanasios College for Advanced Studies Tiruvalla), Mahatma Gandhi University, Kottayam, Kerala, India, January 2008- Till date.

Duties and Responsibilities:

- Curriculum in-charge of Food Science & Technology Post Graduate Programme, till 2019
- Faculty in-charge of Post Graduate Diploma in Food Technology, till 2015
- Additional, Chief and external examiner for various Food Science Courses under Mahatma Gandhi University, Kottayam, Calicut University and IGNOU, Delhi
- Visiting Faculty, Department of Food Science & Quality Control (Undergraduate Programme), BCM College, Kottayam, Mahatma Gandhi University, Kerala, India
- Guiding external student projects and small-scale entrepreneurs
- Member of the syllabus proposal and revision committee, Mahatma Gandhi University, Kottayam, Kerala
- Member of the Inspection commission, Mahatma Gandhi University, Kottayam, Kerala, 2014-2015
- Question paper setter for various university exams

Facilitator, Training programme in chocolate making and cake decoration for prospective entrepreneurs

Chocolatier

- Experienced in chocolate making, tempering, enrobing, molding and framing techniques
- Modern chocolate decorations using texture sheets, transfer sheets and pralines
- Experienced in manufacture of various chocolate products like truffles, rochers, barks, toffees, French bonbons, truffle shells, chocolate salami, lollipops and chocolate dessert cups
- Experience of decorating confectionery products and baked foods with chocolate materials
- Use of food colours in designing chocolates
- Storage and packaging of products
- Quality evaluation of chocolates

Cake Baker, Designer & Decorator

- Bake cakes in accordance with customer's specifications
- Decorate cakes using different types of icings and mixing of colors
- Designing novelty cakes based on customer's requirements
- Experienced in fondant and sugar paste techniques
- Assembling special occasion cakes
- Experienced in covering, crimping, and embossing
- Skilled in doing fabric effects, textured drapes, frills, ribbons, roses, bows and sugar embroidery
- Modeling Fun Figures, textures, inlay & applique & overlay

- Design and handling, presentation of multi-tiered cake (dowelling & stacking)
- Designing Celebration Cakes & Color Balance

TRAINING EXPOSURE

- Training programme on "Role of HPLC in Food Analysis", CFTRI, Mysore, 26th -27th August 2019
- Training programme on Phytochemical techniques, FRI, Dehradun, April 2019
- Training programme in Safety of Food in Metal and Plastic Packaging, CFTRI (Central Food Technological Research Institute), Mysore, October 2018
- 10 days training experience in Food Technology R&D Division, Sami Labs Limited, Bangalore. December 2017
- Training Programme in "Chocolate for Entrepreneurs", De' Pastry School, Cochin, 2016
- Training Programme in "Cake designing", De' Pastry School, Cochin 2016
- Advanced Food Hygiene and Application of HACCP Based Food Safety Management System- Level 4 (ISO 22000), training curriculum developed by FAO, Food Safety Solutions International, Cochin, Kerala, November 2014
- Advanced Food Hygiene and Application of HACCP Based Food Safety Management System- Level 2 (training curriculum developed by FAO & CAC & RIPH UK, complies with the requirements of US FDA, EU COMMISSION and various other National and International Regulations) Food Safety Solutions International, Cochin, Kerala, May 2012
- Codex General Principles of Food Hygiene and Application of HACCP Based Food Safety System (FAO & CAC, complies with the requirements of US FDA, EU COMMISSION), Food Safety Solutions International, Cochin, Kerala, January 2005.
- Entrepreneurship Development Program on "Food Science & Technology" conducted by Field Testing Station, Changanacherry (Small Industries Development Organization, Ministry of SSI, Govt. India), Jan to Feb 2005
- Seafood Processing and Quality Control, The Integrated Fisheries Project, (Dept. of Animal Husbandry & Dairying, Govt. of India), Cochin, Oct to Nov 2003
- Milk and Milk Products Training, Dairy Training Centre, Kottayam (Kerala State Dairy Development Department), Dec 2002
- Processing of Pickles, Jams & Squashes, The Malabar Cost Products, Kerala, May- June 2003
- Training in the processing of Bakery and Confectionary Products Breads, Hot Breads, Kunjoos Fine Products, Kerala, February 2003

RESEARCH EXPERIENCE

- Worked as **Senior Research Fellow**, in the project "**Integrated Technology for the Development of Reinforced Bioplastics with Celluloses of Plant Origin**" funded by Department of Biotechnology (DBT), Govt. of India, and has successfully developed value added products such as degradable, non-toxic packing material there by reducing the usage of LDPE, 2009-2012
- "**Value added Products from Cassava**," Mar Athanasios College for Advanced Studies Tiruvalla, Kerala, 2008

- "Studies on Naturally Fortified Pasta Products," Defence Food Research Laboratory, Govt. of India, Mysore, 2007
- "A Study to Increase the Shelf-life of Raw Jack Fruit by Drying," Mar Athanasios College for Advanced Studies Tiruvalla, Kerala, 2007

PROJECT COMPLETED

- "Database on Food Toxins," Kerala State Council for Science, Technology & Environment (KSCSTE), Thiruvananthapuram, Kerala, 2014.

PROJECT ONGOING

- Co-PI of the project "Human Milk based Human Milk Fortifier for Preterm Infants" Department of Biotechnology, Delhi, 2021

PROFESSIONAL AND PERSONAL ACHIEVEMENTS

- Awarded First Rank by the M.G. University Kottayam for M.Sc., 2007
- Awarded Second Rank by the M.G. University Kottayam for B.Sc., 2005
- Award for best poster presentation in the International Symposium on "Advances in Food Biotechnology," 2007
- Organizing Committee Member, **Treasurer** of International Symposium on "Second Green Revolution: Priorities, Programmes, Social and Ethical Issues," Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, India, 2009
- Recipient of the President of India Guide Award, 2000

PROFESSIONAL MEMBERSHIP

- Member, Association of Food Scientists & Technologists, India (AFSTI)
- Kerala Food Technologists Association (KEFTA)

PUBLICATIONS/ SCIENTIFIC PRESENTATIONS

- Value Added Products from Jackfruit (*Artocarpus heterophyllus*) Fruit, **Pinchu Elizabeth Thomas** and Biju Dharmapalan, Acta Scientific Nutritional Health, ISSN:2582-1423, 4.2 (2020): 105-110.
- Value added food products from Flacourtia jangomas (Lour.) Raeusch, **Pinchu Elizabeth Thomas** and Biju Dharmapalan, Indian Food Industry Mag, Vol 38 No 1, Jan- Feb 2019
- Physico-chemical and sensory properties of biscuits fortified with carrot powder, **Pinchu Elizabeth Thomas**, Litty Mary Abraham and Biju Dharmapalan, International Journal of Food and fermentation Technology. 8(2): 01-05, December 2018, ISSN No.2249-1570
- "Clovora- A New Herbal Mouth Wash for Oral Hygiene", Amal P. K., Abu Anna Joy, Athira Thomas, Jessiya Jacob, Biju Bharmapalan and **Pinchu Elizabeth Thomas**, Journal of Science, Technology and Management, December 2018
- "Isolation of Oleoresin from *Capsicum frutescens* and its Value Addition," **Pinchu Elizabeth Thomas**, and Betsy M. Baby, International Symposium on Advances in Bioprocess Technology, 2015
- "Functional Properties of Cellulose-Reinforced Bioplastics and their Potential Usage as Food Packaging Material" **Pinchu Elizabeth Thomas**, Rathish Rajan, Subin Damodaran and C. Balagopalan, Journal of Science, Technology and Management, January 2014

- "Rapport between Bioinformatics and Food Technology" Betsy M. Baby, **Pinchu Elizabeth Thomas**, International Symposium on Computational Biology and Drug Design, MACFAST, Thiruvalla, India, 2013
- "Utilization of Cotton Textile Waste as Reinforcement in Low Density Polyethylene Based Bioplastics" Rathish Rajan, **Pinchu Elizabeth Thomas**, Balagopalan C, APM-2011: International Conference on "Advancements in Polymeric Materials," CIPET, Chennai
- "Strategic Solutions for Food Security" **Pinchu Elizabeth Thomas**, Treesa Varghese and Betsy M. Baby, International Symposium on Second Green Revolution: Priorities, Programmes, Social and Ethical Issues, Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, India, 2009
- "Biofortification: A Valuable Ingredient in High Quality Cereals Production" Treesa Varghese, **Pinchu Elizabeth Thomas**, and Betsy M. Baby, International Symposium on Second Green Revolution: Priorities, Programmes, Social and Ethical Issues, Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, India, 2009
- "Computational Analysis of Putative Calmodulin Binding Protein SUN" Betsy M. Baby, Treesa Varghese and **Pinchu Elizabeth Thomas**, International Symposium on Second Green Revolution: Priorities, Programmes, Social and Ethical Issues, Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, India, 2009
- "A Study to Increase the Shelf-life of Raw Jack Fruit by Drying" **Pinchu Elizabeth Thomas**, Indubala, Maya Raman, National Seminar on Advances in Food Biotechnology, Biospectrum 2007, Mar Athanasios College for Advanced Studies Thiruvalla, India

PERSONAL PROFILE


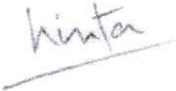
Date of Birth : 16th January 1985
 Nationality : Indian
 Gender : Female

DECLARATION

I hereby declare that the particulars furnished above are true and correct to the best of my knowledge and belief.

PINCHU ELIZABATH THOMAS

Training Programme in Chocolate making
10th & 11th Feb 2017

<u>Name of Student</u>	<u>Course</u>	<u>Signature</u>
Deepthi Elizabeth Johns	FT&A	
Amala Jose	FT&A	

Beena Cherian

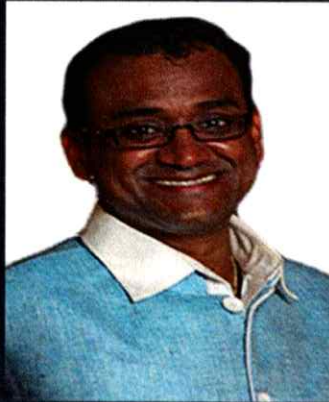


Beena Cherian
Dean, School of
Bio Sciences

Department of Management Studies, MACFAST
Organizes Five Days Workshop on



Hands-on Workshop on SPSS



Resource Person

Dr. Venkata Subrahmanyam C. V

Data Scientist & Analytics Consultant

DATE

20 March 2017 to 24 March 2017

TIME

9.00 AM to 4.45 PM

TOPICS

- ➔ Identification & Formulation of a proper Research Problem.
- ➔ Research Design.
- ➔ Scaling & Instrument preparation techniques.
- ➔ Sampling Methods and Techniques.
- ➔ Statistical Tests and Analysis.
- ➔ Data Analysis using SPSS.
- ➔ Report writing.



MAR ATHANASIOS COLLEGE FOR ADVANCED STUDIES TIRUVALLA
(MACFAST)

Thiruvalla - 689101

Department of Management Studies, MACFAST

Report on SPSS Workshop (Research Methodology)

Students Skill Enhancement Program

Resource Person: Dr. Venkata Subrahmanyam C. V., Data Scientist (Sr.) / Analytics Consultant (Sr.) / Research Consultant / Business Data Modeler / Corporate Trainer

20th March 2017 to 24th March 2017 (9 am to 4:45 pm)

Five days' workshop on SPSS was conducted for MBA 2015-17 batch. A total of 128 students have participated in the workshop. The topics covered are

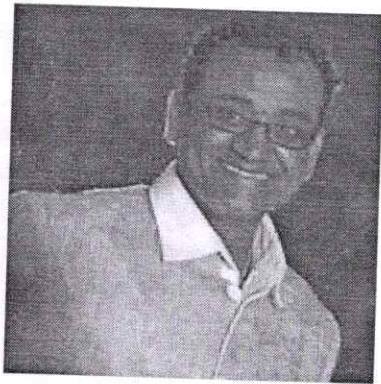
- Identification & Formulation of a Proper Research Problem (HR/Marketing/Finance/Operations streams)
- Research Design
- Scaling & Instrument preparation techniques
- Sampling Methods and Techniques
- Statistical Tests and Analysis
- Data Analysis using SPSS
- Report writing

The students were implored as to the importance of correct statistical analysis in research methodology and its importance. The student feedback was found to be extremely positive for the speaker and the topic discussed.

Dr. Venkata Subrahmanyam C. V.
Assistant Professor
DMS, MACFAST

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





VENKATA SUBRAHMANYAM C. V.

DATA Scientist (Sr.) / Analytics Consultant (Sr.) / Research Consultant / Business DATA Modeler / Corporate Trainer/Etc.

A DATA SCIENTIST who, got 15+ years of after Graduation Experience in Business Analysis, Data Science, Management & related Fields.

Over all 20+ years of Experience in Sales, Marketing, Branding, Market Research, Advertising, Media House Management, KPO & BPO management, Data Projects Management, Crisis Management, Contingency Planning, Staffing, Human Resources Training & Development, & Providing Customized Business Solutions.

Center For Advanced Research In Social Sciences (CARISS)

21 years 2 months

DATA SCIENTIST (Sr.)

Aug 2012 – (9 years)

MADURAI, Tamilnadu, India

Corporate Trainer / Research & Technologies Trainer

Jun 2000 - Present 21 years 2 months

Madurai Area, India

Mentor & Founder Chairman

SAILVEN Group of Companies

Jul 2011 – (10 years 1 month)

Chief Executive Officer & Proprietor

SAILVEN Technologies

Apr 2004 - Jul 2007 years

Pondicherry, Bangalore, Hyderabad

Operations Manager

Cherry Multimedia

Apr 2003 - Mar 2005 2 years

Manager (Business Development)

HasenTech Solutions

Apr 2002 - Mar 2003 1 year

**Fwd: Research Methodology Workshop(20-24 March 2017)**

1 message

Arun Prem <arun@macfast.org>

To: Jenny Jacob <jenny@macfast.org>, Treesa Varghese <treesa@macfast.org>

Wed, Jul 28, 2021 at 11:43 AM

----- Forwarded message -----

From: **HOD-MBA(MACFAST)** <hodmba@macfast.org>

Date: Fri, Mar 17, 2017 at 11:43 AM

Subject: Research Methodology Workshop(20-24 March 2017)

To: mba15-17 <mba15-17@macfast.ac.in>

Cc: <mba@macfast.org>, Jinu Mary Varghese <jinu.mary@macfast.org>, <faculty@macfast.org>

Dear All,

We are conducting a workshop on Research Methodology from 20th - to 24th March 2017. We are so fortune to have Dr. Venkata subramanyam CV (DATA Scientist (Sr.) / Analytics Consultant (Sr.) / Research Consultant / Business DATA Modeler / Corporate Trainer/) as the resource person for this workshop.

Topics covered in the workshop

- **Identification & Formulation of a Proper Research Problem (HR/Marketing/Finance/Operations streams)**
- **Research Design**
- **Scaling & Instrument preparation techniques**
- **Sampling Methods and Techniques**
- **Statistical Tests and Analysis**
- **Data Analysis using SPSS**
- **Report writing**

Participants should bring their laptop during the workshop. The Sessions are scheduled as per the college timings (9:00AM – 4:45 PM).

Certificates will be issued to the participants who attend all the sessions of the workshop

Click here to view the profile of the resource person

--

Regards & Thanks

Ligo Koshy

Assistant Professor & Head of the Department,
Department of Management Studies

MACFAST, (Mar Athanasios College for Advanced Studies Tiruvalla),
Accredited by NAAC with 'A' Grade

Kerala, India.

Pin - 689 101

Mobile: +91-9496550768

website: <http://www.macfast.org>

MAR ATHANASIOS COLLEGE FOR ADVANCED STUDIES (MACFAST),
TIRUVALLA

MBA 2015-17 BATCH

SPSS (Research methodology)

20/3/2017

Sr.No:	Name of the Student	20/03/17	21/04/17	22/04/17	23/03/17	24/03/17
1	A.U.Ashok	✓	✓	✓	✓	✓
2	Abhijith R.Nair	✓	✓	✓	✓	✓
3	Abin John Jacob	✓	✓	✓	✓	✓
4	Ajisha C.S	✓	✓	✓	✓	✓
5	Ajith Kumar .R	✓	✓	✓	✓	✓
6	Ajmal Shajahan	✓	✓	✓	✓	✓
7	Akhil George Thomas	✓	✓	✓	✓	✓
8	Akhila R.Pillai	✓	✓	✓	✓	✓
9	Akshara P	✓	✓	✓	✓	✓
10	Alana Mariam Abraham	✓	✓	✓	✓	✓
11	Allen S.Aruvickel	✓	✓	✓	✓	✓
12	Amal T. Jacob	✓	✓	✓	✓	✓
13	Amrutha U	✓	✓	✓	✓	✓
14	Anagha.S	✓	✓	✓	✓	✓
15	Anandhu Anil	✓	✓	✓	✓	✓
16	Anish Abraham	✓	✓	✓	✓	✓
17	Anish Varghese	✓	✓	✓	✓	✓
18	Anju Raj	✓	✓	✓	✓	✓
19	Ankhitha Vinod	✓	✓	✓	✓	✓
20	Anoop M Gopi	✓	✓	✓	✓	✓
21	Ansa Elsan Philip	✓	✓	✓	✓	✓
22	Antu K George	✓	✓	✓	✓	✓
23	Anuj Mathew George	✓	✓	✓	✓	✓
24	Arathy Robert	✓	✓	✓	✓	✓
25	Arun Philip	✓	✓	✓	✓	✓
26	Arya S Nair	✓	✓	✓	✓	✓
27	Ashis Aley Chacko	✓	✓	✓	✓	✓
28	Aswathy S Kumar	✓	✓	✓	✓	✓
29	Athira S	✓	✓	✓	✓	✓
30	Athira Suseelan	✓	✓	✓	✓	✓
31	Athira Unnikrishnan	✓	✓	✓	✓	✓
32	Aylin Susan Shaji	✓	✓	✓	✓	✓
33	Bhagyalakshmi S	✓	✓	✓	✓	✓
34	Brahmu P A	✓	✓	✓	✓	✓
35	Christo Lorence	✓	✓	✓	✓	✓
36	Dershana Cherian	✓	✓	✓	✓	✓
37	Devrajan Rahul Madhava	✓	✓	✓	✓	✓
38	Devi Jith	✓	✓	✓	✓	✓
39	Eldo Varghese Paul	✓	✓	✓	✓	✓
40	Emy Elsa Sunny	✓	✓	✓	✓	✓
41	Feba Jose	✓	✓	✓	✓	✓
42	Fouas Mohammad	✓	✓	✓	✓	✓
43	Fousiya Shajahan	✓	✓	✓	✓	✓
44	Ginu Prasad	✓	✓	✓	✓	✓

45	Indira Thomas	✓	✓	✓	✓	✓
46	Jaclyn Jose	✓	✓	✓	✓	✓
47	Jasna Dandaj Rajan	✓	✓	✓	✓	✓
48	Jenna Mary	✓	✓	✓	✓	✓
49	Jeffin C. Thomas	✓	✓	✓	✓	✓
50	John Mathew	✓	✓	✓	✓	✓
51	Jessim Sabu	✓	✓	✓	✓	✓
52	John C. Mathew	A	✓	✓	✓	✓
53	John John	✓	✓	✓	✓	✓
54	John K. Joy	✓	✓	✓	✓	✓
55	Jincy Thomas Kuttummal	✓	✓	✓	✓	✓
56	John J. Mathew	✓	✓	✓	✓	✓
57	John Joy	✓	✓	✓	✓	✓
58	Joel Sabu	✓	✓	✓	✓	✓
59	Jofi Philip Mathew	✓	✓	✓	✓	✓
60	Joseph Siby	✓	✓	✓	✓	✓
61	John Varghese	✓	✓	✓	✓	✓
62	Jyothi Vijayan	✓	✓	✓	✓	✓
63	Keerthi Sajeeval	✓	✓	✓	✓	✓
64	Kishan G. Menon	K	✓	✓	✓	✓
65	Karian Jacob	✓	✓	✓	✓	✓
66	Lekha Prasad	✓	✓	✓	✓	✓
67	Lekshmi T. J	✓	✓	✓	✓	✓
68	Lekshmi Vijayakumar	✓	✓	✓	✓	✓
69	Libin Babu	✓	A	A	✓	✓
70	Liji Mol K. Jose	✓	✓	✓	✓	✓
71	Linu Chacko	✓	✓	✓	✓	✓
72	Madhuri M	✓	✓	✓	✓	✓
73	Maha Vishnu Das M A	✓	✓	✓	✓	✓
74	Marin Anna John	✓	✓	✓	✓	✓
75	Mathew Joseph	✓	✓	✓	✓	✓
76	Meenumol A B	✓	✓	✓	✓	A
77	Neenu Anna Josy	✓	✓	✓	✓	✓
78	Neeraja Raju	✓	✓	✓	✓	✓
79	Nevin Reji Varghese	✓	✓	✓	✓	✓
80	Nijamol Joseph	✓	✓	✓	✓	✓
81	Nikhal Thomas Ninan	✓	✓	✓	✓	✓
82	Nikhitha Ani Babu	✓	✓	✓	✓	✓
83	Nithin Rajagopal	✓	✓	✓	✓	✓
84	Niya K. Jacob	✓	✓	✓	✓	✓
85	Parvathy Das	✓	✓	✓	✓	✓
86	Pooja K. Biju	✓	✓	✓	✓	✓
87	Praveen Mathew	✓	✓	✓	✓	✓
88	Praveena Biju	✓	✓	✓	✓	✓
89	Prini Peter	✓	✓	✓	✓	✓
90	Priya Thomas	✓	✓	✓	✓	✓
91	Rakhi Mohan	✓	✓	✓	✓	✓
92	Rameya Thankam Simon	✓	✓	✓	✓	✓
93	Renith R	✓	✓	✓	✓	✓
94	Renu Rajan	A	A	A	✓	✓

95	Reshma Sara Joseph	✓	✓	✓	✓	✓
96	Rinju .T.Reji	✓	✓	✓	✓	✓
97	Riya M. Joy	✓	✓	✓	✓	✓
98	Riya Susan George	✓	✓	✓	✓	✓
99	Rony Roy	✓	✓	✓	✓	✓
100	Rosin Sara Roy	✓	✓	✓	✓	✓
101	Ruth Ann Varghese	✓	✓	✓	✓	✓
102	Sailesh S	✓	✓	✓	✓	✓
103	Salu Sasidharan	✓	✓	✓	✓	✓
104	Samuel M Thomas	✓	✓	✓	✓	✓
105	Sanjay S	✓	✓	✓	✓	✓
106	Sanjith Sunny Varghese	✓	✓	✓	✓	✓
107	Shabeja Rose Shaji	✓	✓	✓	✓	✓
108	Shalu .T.S	✓	✓	✓	✓	✓
109	Sharan Mariam. Varghese	✓	✓	✓	✓	✓
110	Shemil Mariam Mathew	✓	✓	✓	✓	✓
111	Shilpa Thomas	✓	✓	✓	✓	✓
112	Silpa Ann Joseph	✓	✓	✓	✓	✓
113	Sissi Mary Shibu	✓	✓	✓	✓	✓
114	Siyamol Mathew	✓	✓	✓	✓	✓
115	Sneha Susan Babuji	✓	✓	✓	✓	✓
116	Sonali Mathew	✓	✓	✓	✓	✓
117	Sony Joy	✓	✓	✓	✓	✓
118	Sreeraj Nampoothiri .S	✓	✓	✓	✓	✓
119	Stephy Susan George	✓	✓	✓	✓	✓
120	Sujith S	✓	✓	✓	✓	✓
121	Suparna.M	✓	✓	✓	✓	✓
122	Surabhi R	✓	✓	✓	✓	✓
123	Susmitha C	✓	✓	✓	✓	✓
124	Tibin Joseph	✓	✓	✓	✓	✓
125	Tina John	✓	✓	✓	✓	✓
126	Tomina Thomas Koshy	✓	✓	✓	✓	✓
127	Vipin Raj	✓	✓	✓	✓	✓
128	Sibi M Sajj	✓	✓	✓	✓	✓



Dr. Anand