



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



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**Students Project Details
2016-17 to 2020-21**

SCHOOL OF BIOSCIENCES

MAR ATHANASIOS COLLEGE FOR ADVANCED STUDIES TIRUVALLA(MACFAST)

Tiruvalla, Pathanamthitta, Kerala 689 101



MAJOR PROJECT DETAILS MSc BIOCHEMISTRY

(2019-2021) BATCH

SI No.	ROLL No.	NAME OF STUDENT	PROJECT TITLE
1.	190011008579	AISWARYA M. PANICKER	A review on essential oil as Natural Antimicrobial agent and application
2.	190011008580	AISWARYA S NAIR	Urtica Dioica: A review on its medicinal and pharmacological properties
3.	190011008581	ANJALI MURALI	Emilia sonchifolia:A review of its antimicrobial activity
4.	190011008582	ANJANA .S	Herbal nanobased hydrogel for wound healing:a review
5.	190011008583	ANJANA VISWANADH	Purification of water system with effective miicroorganisms
6.	190011008584	ANULEKSHMI. S	Simarouba Glauca:Review of antimicrobial activity
7.	190011008585	ARDRA A.P	Moringa Oleifera seed extract:A Review on its antimicrobial properties
8.	190011008586	ARYA MANUMOHAN	Wound Healing Property of <i>Chromolaena odorata</i> –A Review
9.	190011008587	DEVIKA B	Anti-Obesity Effects of Chitosan and Chitosan Nanoparticles
10.	190011008588	FREEDIA SEBASTIAN	Brassica oleracea-Extraction,Properties,Stability and Colour Characteristics
11.	190011008589	HARITHA M A	Biosynthesis and characterization of nanochitin from crab shell, prawn shell and banana peel
12.	190011008590	MEJO GEORGE	A Review on Nanoparticle Studies of <i>Tinospora Cordifolia</i> and its importance in medicinal field
13.	190011008591	PARVATHY U R	The cellular uptake of nanomaterials and mechanism of action:A critical Review.
14.	190011008592	SALOMY K. S	A review on antimicrobial properties of selected medicinal plants against pathogen microorganisms


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**MAJOR PROJECT DETAILS MSc BIOTECHNOLOGY
(2019-2021) BATCH**

Sl.No.	ROLL No.	NAME OF STUDENT	PROJECT DETAILS
1.	190011012422	ABIYA ANN MATHEW	COVID 19- and related comorbidities
2.	190011012423	AISWARYA SURESH	Role of Phragmites australis(REEDS) in phytoremediation of heavy metals
3.	190011012424	ANJALI T	Molecular Biology Techniques used in the treatment of Covid -19
4.	190011012425	APARNA TOM	Black Pepper:Importance,Oomycete infection and role of effectors in infection
5.	190011012426	ARATHI RAGHAVAN	Strigolactones the new player in nutrient stress adaptation
6.	190011012427	ARATHI SAJI	Comparitive study of phytoremediation by Eichhormia crassipes and salvinia molesta in water
7.	190011012428	BINI SAN GEORGE	Drug Targets for Coronaviruses
8.	190011012429	DEVIKA PRADEEP	Covid 19 Vaccines,Mode of immune actions and future challenges
9.	190011012430	JAYALAKSHMI T.L	Toxicity of herbal medicines used as immunity boosting home remedies against covid 19
10.	190011012431	PARVATHI SURESH	Review on Natural Anti-inflammatory bioactive molecules against SARS-CoV-2 A causative agent of Covid -19 Disease
11.	190011012432	SHRUTHI M	Strigolactones:The new player in nutrient stress adaptation
12.	190011012433	TEENA SUSAN SAM	A review on chitosan nanoparticle and its conjugate as plant growth elicitor for cereals
13.	190011012434	THASNEEM NISSAM BABU	A review on genetics of epilepsy


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MAJOR PROJECT DETAILS MSc BIOINFORMATICS(2019-2021) BATCH

Sl No.	ROLL No.	NAME OF STUDENT	Project title
1.	190011008010	ANZIA AZEEZ	Effect of human papilloma virus (HPV) on head and neck squamous cell carcinoma: A review
2.	190011008011	BRIDGET JOSE	Cellular Metabolism in head and neck squamous cell carcinomal growth:A review
3.	190011008012	DIVYA SARA VARGHESE	Common genetic disorders in indian population: A review
4.	190011008013	GEETHU .E.G	
5.	190011008014	JEMY MERIN JOSE	Molecular Docking Studies of selected drugs against seven target proteins of corona virus
6.	190011008015	KRISHNAPRIYA H	Lncrna in plants,their roles,basic databases and computational algorithms
7.	190011008016	LEVIN JOHN	An in-silico screening to decipher potential common inhibitor from spices used in asian continent against M ^{pro} protein of SARS-CoV-2
8.	190011008017	MARGARET K SAMUEL	A Comprehensive Disease Map of Multiple Sclerosis
9.	190011008018	MEENU MADHU	Implication of insect gut microbiome in infestation of economically important plants in India
10.	190011008019	REHMA HANIF	Genetic Alterations in squamous cells carcinoma: A review
11.	190011008020	SAJITH S NAIR	Development of database for beta lactamases produced by gram negative bacteria
12.	190011008021	SISIRA PRASAD	Computational techniques for protein-protein interaction in plants:A review
13.	190011008022	SONET D THOMAS	Network pharmacological evaluation of cymbopogon bioactive phytochemicals for identifying novel potential inhibitors against neurodegenerative disorder
14.	190011008023	THERESA GEORGE	Molecular docking and molecular dynamics simulation studies of phytochemicals against transthyretin in amyloidogenic diseases


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MAJOR PROJECT DETAILS MSc PLANT BIOTECHNOLOGY (2019-2021)

Sl. No.	ROLL No.	NAME OF STUDENT	PROJECT TITLE
1.	190011021840	AKSHAYA P.T	<i>In vitro</i> regeneration and root induction of <i>Rubia cordifolia</i>
2.	190011021841	ALEENA JOHNSON	Insect response to plant defensive protease inhibitor and anti microbial activity of plants
3.	190011021842	ANJU ALEXANDER	A review on structural and functional genomics <i>Manihot esculenta</i> Crantz
4.	190011021843	ASISH SAMUEL	A review on bacterial and fungal endophytes from mangroves
5.	190011021844	ATHIRA K RAJAN	Strigolactones and abiotic stress:A promising combination in plant science
6.	190011021845	BEHNAM AKBARI	Micropropagation of <i>Bougainvillea glabra</i> L.
7.	190011021846	FATHIMA SALIM	Morphological,Biochemical Analysis, Micropropagation and benefits:Arrowroot(<i>Maranta arundinacea</i> L.)
8.	190011021847	GOPIKA PURUSHOTHAMAN	Study on interaction and plant growth-promoting endophytic fungi in biotic and abiotic stress condition
9.	190011021848	LOVEINA GRACIOUS	Preparation and characterization of cassava starch –graft –soyabean oil maleate based biodegradable films
10.	190011021849	NIRMAL PAULOSE	A review on ginger: Defense strategies against soft rot
11.	190011021851	RENJITHA RAJEEV	Myristica swamps:A vanishing treasure biome
12.	190011021852	SUSAN ISSAC	A review on Plant Growth Promotion by Endophytic Bacteria
13.	190011021853	SWATHIKA AJITH	A review on endophytes from Orchid


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**MAJOR PROJECT DETAILS- MSc FOOD TECHNOLOGY &
QUALITY ASSURANCE
(2019-2021) BATCH**

Sl. No.	ROLL No.	NAME OF STUDENT	PROJECT TITLE
1.	190011014489	ABHIRAM .S	Sea Buckthorn Berries: Biochemical profiles, Nutraceutical values, Therapeutic uses And Health benefits.
3.	190011014491	ANAKHA MURALI	Bioactive Compounds in Fruits And Vegetables.
4.	190011014492	ANJU MARIA JOSE	Dragon Fruit: Its Nutritive value, Therapeutic uses, Processing And Waste utilization.
5.	190011014493	ANNS K FRANCIS	Fortification Of Foods With Vitamin D in India.
6.	190011014494	ANU VIJAYAN	Indian Traditional Medicinal Herb (anem graveolens) Phytochemical Screening And Antioxidant activity.
7.	190011014495	ANUPAMA U	Physicochemical Properties And Health Benefits Of Jackfruit.
8.	190011014496	ATHIRA .P	Health Benefits And Disease Prevention Properties Of Papaya.
9.	190011014497	BHAGYALEKSHMI M T	Antioxidants And Anti-inflammatory Food Supplements Combat Against Covid-19 And The Role Of Vitamin D In The Prevention Of Covid-19 Infection.
10.	190011014498	CHINJU LIDIYA JOY	Application Of Nanotechnology In Food Packaging.
11.	190011014499	CHINJU SHAJI	Microbiology Of Ethnic Fermented Foods And Alcoholic Beverages.
12.	190011014500	CHITRA .K.R	Aloe Vera Gel: An Edible Coating For Shelf life Extension Of Fruits
13.	190011014501	CHRISTY JOHNSON	Biopreservation By Lactic Acid Bacteria.
14.	190011014502	DEVADAS. M.P	Microplastics In Seafood And Its Impacts.
15.	190011014503	GANGA S	Nutritional Importance, Health Benefits And Value Added Products From Finger Millets.
16.	190011014504	GIPSON JOSEPH	Cassava: Morphology, Nutrient Content And Health Benefits.
17.	190011014505	GOPIKA S	Vacuum Packaging Of Raw Beef.
18.	190011014506	GREVIN S KURIAN	Nutritive Importance And Medicinal Applications Of Drumstick Tree.

19.	190011014507	JEEMOL THOMAS	Edible Coating Materials Used ForThe Preservation Of various FoodMaterials.
20.	190011014508	MEENU MANOJ	Phytochemical Composition AndValue Added Products From Watermelon Rind.
21.	190011014509	NIDAL IBRAHIM	Modified Atmospheric PackagingIn Mushroom - An Overview.
22.	190011014510	RENI CHACKO	Microgreens And Its NutritionalCharacterization.
23.	190011014511	REVATHI PADMAKUMAR	Nutritional Profile, Pharmacological Properties And Extraction Of Bioactive Compounds From Kinnow Peel.
24.	190011014512	REVATHY .V.S	The Existing And Emerging Trends In Milk Preservation - AnOverview.
25.	190011014513	RIYA ELZA PHILIP	Importance Of Bioactive Components Extracted From Pomegranate Fruit And Its Byproducts And Their Application
26.	190011014514	RYNE PEREIRA	Artificial Intelligence In AgriculturalSectors.
27.	190011014515	SANDRA S.P	Nutritional Benefits And RecentAdvance In The Processing Technology Of Milk And Milk Products.
28.	190011014516	SHOBAL JOSE	Shelf Life Improvement In Fruits And Vegetables By Calcium Salt.
29.	190011014517	THRIDEEP T. NAIR	Kokum Fruit Byproducts And Health Benefits In Food INdustry.
30.	190011014518	VELGIN RAJ	Sweet Potato Leaves: Health Benefits,Nutritional Value And ItsImportance As a Food Supplement.
31.	190011014519	VISHNU S KUMAR	Anti-microbial, Anti-oxidant, Anti-nflamatory Property of Ginger And Its Application In Food Processing.
32.	190011014520	WAHIDULLAH FAIZ	Development Of Jelly From Watermelon Rind.



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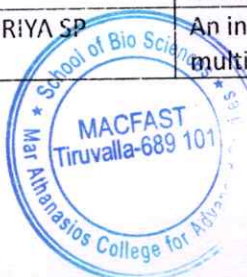
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MAJOR PROJECT DETAILS MSc BIOCHEMISTRY (2018-2020 BATCH)

Sl.No.	REGISTER NO.	NAME OF STUDENT	PROJECT DETAILS
1.	180011008141	ACSAH VARGHESE	Enhancement of essential oil from citrus fruit and use in nanotechnology formulations.
2.	180011008142	AJO J	In vitro and In vivo Cytotoxicity and Tissue regeneration based on cellulose scaffolds
3.	180011008143	ARYA S KUMAR	Qualitative Analysis of Protective Immunity against Rubella Virus among Pregnant Women to understand the need of supplemental immunization.
4.	180011008144	ASHEENA BANU J	Chemical synthesis and characterization of small novel peptide ligand targeting membrane proximal region of chemokine receptor CCR5 to inhibit HIV-1 entry
5.	180011008145	ASWANI LAL	Synthesis and Characterization of a Peptide Drug Conjugate Attached via a GFLG Spacer to Target EGFR overexpressed Breast Cancers
6.	180011008146	FIDAMOL K S	Chemical synthesis, Purification and Characterization of Antimicrobial Peptide.
7.	180011008147	HARITHA K	Biochemical composition of Tamarindus indica in the agroecological zones of Odisha
8.	180011008148	JENITA J	Significance of BCR-ABL Fusion Patterns in Predicting Prognosis of CML Patients
9.	180011008149	JISHA JOHNSON	Studies on the Epidemiology and Management of Powdery Mildew in Mango
10.	180011008150	MEGHA SUNNY	Collagen from Chicken skin ,a low market value by-product ;purification and utilization for value added food product development
11.	180011008151	MEGHANA MARIYAM CHERIAN	Effect of Sugar content in mango varieties with different flowering responses
12.	180011008152	NITHYA S	P16INK4a overexpression as a surrogate marker for Human Papillomavirus (HPV) associated Head and Neck Squamous Cell Carcinoma (HNSCC)
13.	180011008153	NIYA BENNY	Assessment of Phenolic property,in-vitro anti-inflammatory activity and cytotoxicity of hexane and ethanolic extract of Chromoleana odorata
14.	180011008154	TINY CHACKO	Preclinical studies of Chitosan;In-vitro toxicity and In-vivo Guided Bone Regeneration
15.	180011008155	TREESA MARY VARGHESE	Qualitative Analysis of Protective Immunity against Measles Virus among Pregnant Women to understand the need of supplemental immunization
16.	180011008156	VARNA S KUMAR	Evaluating the effect of alcohol extracts of fruits from Embelia ribes and Embelia Tgeriyagotta against Calcium Oxalate renal calculi-An in-vitro study
17.	180011008157	VEENA C NAIR	Antioxidant and Antiproliferative effects of Moringa oleifera leaf extracts
18.	180011008158	VISHNU PRIYA SP	An in-vitro evaluation of anti-virulence& Biofilm inhibition property of multiple terpenoids against clinically relevant Acinetobacter strains





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MAJOR PROJECT DETAILS MSc BIOINFORMATICS (2018-2020 BATCH)

Sl.No.	ROLL No.	NAME OF STUDENT	PROJECT DETAILS
1.	180011008278	AMAL JOSEPH VARGHESE	Inferring Disease-Associated MicroRNAs Using Semi-supervised Multi-Label Graph Convolutional Networks
2.	180011008279	ANISHA ANTO	BIRDIE-Database featuring birds of MACFAST
3.	180011008280	ANJANA J	Comparative Analysis of cp genome of Pseudopheonix vinifera and cocos nucifera
4.	180011008281	ANOOJA P	Comparative analysis of the Chloroplast genome of Mauritia flexuosa and Cocos nucifera
5.	180011008282	NIBIL PAUL VARGHESE	Differential gene expression analysis in multiple sclerosis using microarray and RNA-seq
6.	180011008283	PARVATHY SREEKUMAR	Cloning of ACB7 to transfer NLL-metRS from pBSKS+ to the expression vector PVRL2
7.	180011008284	PREENA S PARVATHY	Molecular Modeling Studies On Novel PA-X Protein In Influenza A Virus
8.	180011008285	SHANIYA ALI	Molecular modeling studies on ligand binding to Sialidase from influenza virus
9.	180011008286	STAICY TREESA TOMMY	A Study On Metabolic Reconstruction Of Zeatin Biosynthesis Pathway In Cocos Nucifera (Coconut) Using Bioinformatics Tools.
10.	180011008287	VIVEK V NAIR	Analysis Of Foraging Behaviour in Honeybees





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MAJOR PROJECT DETAILS MSc PLANT BIOTECHNOLOGY (2018-2020 BATCH)

Sl.No.	ROLL No.	NAME OF STUDENT	PROJECT DETAILS
1.	180011019911	AKHIL R CHANDRAN	Cloning and sequencing of potato apical leaf curl resistance gene
2.	180011019912	ANEESHA SUSAN ALEX	Determination of Antioxidant properties of pigmented and non pigmented rice bran of Indian variety.
3.	180011019913	ANJALY S KRISHNAN	Analysis of Arabidopsis thaliana overexpressing AtSRG gene
4.	180011019914	ATHIRA C K	Understanding Rice (Oryza Sativa L.) Tissue culture for transgenic generation.
5.	180011019915	CHITHRA A M	In vitro studies in cassava
6.	180011019916	GANGA JAYAKUMAR	Standardization of DNA extraction of four medicinal plants
7.	180011019917	REMYA S	Fresh water moina macrocopa as an alternative live food for Golden top angel fish Fry's
8.	180011019918	SOPHY THOMAS	Analysis of Stress Associated Protein 1(SAP-1) in Arabidopsis using overexpression approach

**MAJOR PROJECT DETAILS MSc PHYTOMEDICAL SCIENCE & TECHNOLOGY
(2018-2020 BATCH)**

Sl.No.	ROLL No.	NAME OF STUDENT	PROJECT DETAILS
1.	180011019854	ARCHANA PRAKASH	Comparitive phytochemical screening of plecranthus barbatus and plecranthus amboinicus
2.	180011019855	BANU T BABU	To study the anti dandruff activity in Terminalia Arjuna
3.	180011019856	CAROLINE XAVIER	Evolution of phytochemical and antibacterial activity of Ficus auriculata Lour.
4.	180011019857	MERIN SHAJI	Guided bone regeneration of fish derived hydroxyapatite in murine model
5.	180011019858	SIVIYA VARGHESE	Extraction, phytochemical analysis, microbiology and chromatography of annona squamosa leaves
6.	180011019859	SOORYA RAMESH	Phytochemical analysis and antibacterial activity of Mimuspops elengi and its importance in ethanomedicine





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MAJOR PROJECT DETAILS MSc FOOD TECHNOLOGY & QUALITY ASSURANCE (2018-2020 BATCH)

Sl.No.	ROLL No.	NAME OF STUDENT	PROJECT DETAILS
1.	180011014383	ABHIJITH R S	Optimization of processing bakery products fortified with sugarcane fiber
2.	180011014384	AISHWARYA S	Development of low sodium banana flower and stem pickles
3.	180011014385	AJITH PA	Reduction heavy metal by absorption method
4.	180011014386	AJMAL KALLAR MOIDU	Application of 2-hydroxy 4-methoxy benzaldehyde as a natural preservative in food systems
5.	180011014387	AKSHAYA C	Process Optimization and Production of Different Varieties of Sugarcane Wine.
6.	180011014388	ALEENA SARA MATHEW	Micro encapsulation of lycopene from tomato
7.	180011014389	ANJALI R	Value added products from fermented garlic
8.	180011014390	ANJU MARIAM SEBASTIAN	Bitterness causing compounds in fruits and their method for removal
9.	180011014391	ANOOJA ANILKUMAR	Proximate Analysis of nutritive quality of cassava genotypes
10.	180011014392	ATHIRA S	Proximate Analysis of Nutritive Quality of Greater Yam Genotypes
11.	180011014393	GOKUL SHAJI	Value Addition of Standardised Liquid Jaggery
12.	180011014394	GOPIKA S PILLAI	
13.	180011014395	HARIKRISHNA	Study of Heavy Metals (Pb, Cd, Mn, Cu & Zn) in popular fruit juices and in drinks
14.	180011014396	JENCY RAJAN	Evaluation Of Preservative Qualities Of Water Soluble Turmeric Formulations In Baked Products.
15.	180011014397	JERIN V GEORGE	Titanium dioxide containing bioplastic films for wound healing applications
16.	180011014398	JESTIN JAMES	Study of Heavy Metals in Potable Water (Pb, Cd, Mn, Cu & Zn) in Mysuru City.
17.	180011014399	JOBIN S	Study of analysis of cyanogen content among different cassava varieties and its retention during processing
18.	180011014400	JOEL TOM JOSE	
19.	180011014401	MEERA TS	Development of process and method for production of sugarcane juice concentrate
20.	180011014402	NAINA ANNA OOMMEN	Scale up studies of preparation of protein isolate from Sesame seeds
21.	180011014403	PS SWATHI	Biocompatibility of 3D Printed Scaffold Coated With Silver
22.	180011014404	PRIYA ABY PYNADATH	Development and characterization of protein powder from red toothed triggerfish (<i>odonus niger</i>) by different extraction process
23.	180011014405	RAKHITH R	Identifying New molecules and methods for extending the Green life of Banana Var. Grand Nain





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24.	180011014406	RESHMADAS M	Influence Of High Fat High Fructose (Hfhf) Diet In Inducing Nafld
25.	180011014407	ROWENA SUSAN PRADEEP	Characteristics of Basil Seeds Suspended Banana Ready To Serve Juice.
26.	180011014408	SHANTO V THOMAS	Scale up studies of preparation of protein isolate from ground nut; Effects of drying methods on functional properties
27.	180011014409	SILPA MARY JOHN	Wound healing activity of bioplastic films containing curcumin
28.	180011014410	SOUMYA THOMAS	Phytoconstituent Analysis of Virgin Coconut Oil
29.	180011014411	SREELEKSHMI S	Application of coating material for the quality improvement of apple under cold storage.
30.	180011014412	SRUTHY DEVADAS S	Development and Evaluation of Honey based energy bar

MAJOR PROJECT DETAILS MSc BIOTECHNOLOGY (2018-2020 BATCH)

Sl.No.	ROLL No.	NAME OF STUDENT	PROJECT DETAILS
1.	180011009238	ABHIRAMI S	Isolation and yield comparative study of volatile oils from the peels of north Indian fruits; Chakotra, Kinnow and their GC-MS analysis.
2.	180011009239	AMALA ANTONY	Localisation and expression of Sp7 gene in scale development of zebrafish
3.	180011009240	ANCY ALFRED	Cloning and functional characterization of LPCAT enzyme Buglossoides arvensis
4.	180011009241	ANZILA ASHARAF	Phytochemical evaluation of cocosnucifera root, shell and water
5.	180011009242	ATHIRA R THANKAM	Setting up in-vitro assay models to test the anti-inflammatory potential of test compounds in non-alcoholic fatty liver disease.
6.	180011009243	JENIE MARY VARGHESE	Characterization of soor aroma and identification of microbes found to make soor in Tons Valley, Garhwal Himalaya
7.	180011009244	PHEBA ANN VARGHESE	Potentials of Chlorella sp. for Industrial Wastewater Management
8.	180011009245	TASNEEM	Nanoencapsulation of Anthocyanin and its Activity
9.	180011009246	VINEETH K V	Factors that affect macrophyte abundance and diversity and its role in biological monitoring of urban lakes





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MAJOR PROJECT DETAILS MSc BIOCHEMISTRY (2017-2019 BATCH)

Sl.No.	REGISTER No.	NAME OF STUDENT	PROJECT TITLE
1.	170011019775	ABHISHEK. A	Studies on the effect of pH and digestive enzymes on the degradation and stability of anthocyanins in purple sweet potato tubers
2.	170011019776	AKSHAY B .CHANDRAN	Molecular Experiments for Diet Analysis in Nilgai (<i>Boselaphus tragocamelus</i>)
3.	170011019777	AKSHAYA S S	Variability in biochemical composition and antioxidant activity of fruit rind among open pollinated progenies of pomegranate var.Bhagwa.
4.	170011019778	ANEESHA S KUMAR	Estimation of bioactive ingredients in <i>Centella asiatica</i> , <i>Eclipta alba</i> and chlorophyll, crude fiber estimation in betel vine leaves
5.	170011019779	ANJALI PRAKASH	Invitro enzymatic digestibility and resistant starch formation in potato, sweet potato and cassava tubers as affected by different cooking techniques
6.	170011019780	ANJALI G	Uptake, translocation, persistence and dissipation of soil applied benzimidazole fungicide carbendazim in cucumber (<i>Cucumis sativus</i>), grown under different methods of irrigation.
7.	170011019781	ANJU JOSE K	Cloning, expression and purification of SNXS2PX domain
8.	170011019782	ASHLIN MARY JOSE	Persistence and dissipation of foliar applied carbendazim in cucumber grown under flood and drip irrigation
9.	170011019783	ATHIRA ARAVIND	Amplification and sequence analysis of nuclear gene(EMB) of indian euphorbia species
10.	170011019784	BASMA YOOSUF	Phytochemical Screening And Determination Of Antioxidant Properties Of Pigmented And Non Pigmented Varieties Of Rice Bran
11.	170011019785	JEEBA S BABU	Influence of shade and nutrient contents on bacoside a content of brahmi (<i>Bacopa monnieri.L</i>) and asiaticoside content in <i>Centella asiatica</i> as influenced by germplasm.
12.	170011019786	NEENA KRISHNAN	Genotyping of medicago mutants
13.	170011019787	RAHUL KRISHNAN	Intermolecular copigmentation of anthocyanins from purple yam and sweet potato for enhancing the antioxidant activity of an isotonic drink system
14.	170011019788	SAISHMA S SURENDRAN	Studies on the antiproliferative effects of mannose rich fruit syrups in colon cancer cells.





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Sl.No.	REGISTER No.	NAME OF STUDENT	PROJECT TITLE
1.	170011020840	ANUPAMA I	Dung Beetle Diversity Across Three Different Landuse In Wayanad Wildlife Sanctuary, Kerala, India
2.	170011020841	ASHIFA N	Genome Wide Identification of MADS Box Gene Family in Capsicum
3.	170011020842	CHANDINI THANKACHAN	Production Of Polyhydroxyalkonates From Eichhornia crassipes Using Bacterial Isolates From Petroleum Contaminated Soil
4.	170011020843	DURGA VENUGOPAL	Sequence Analysis And Classification Of Methyl-Accepting Chemotaxis Protein Based On Hamp Linker
5.	170011020844	RINEESH MILTON	Isolation, cloning and sequencing of 4-coumarate CoA Ligase gene from Zingiber officinale Rosc.
6.	170011020845	SREYA ANTONY	Genomic In Situ Hybridization (GISH) Studies In Sugarcane Hybrids Involving Saccharum officinarum (Typical And Atypical) X Saccharum spontaneum
7.	170011020846	STELLA STANLY	A Comparative Study Of Sucrose Transporters In Sugarcane And Sorghum

MAJOR PROJECT DETAILS -MSc PHYTOMEDICAL SCIENCE & TECHNOLOGY 2017-2019 BATCH

Sl.No.	REGISTER No.	NAME OF STUDENT	PROJECT TITLE
1.	170011021077	AMAL P K	Extraction, characterization and Antifungal activity of essential oil from Eucalyptus tereticornis
2.	170011021078	ANU ANNA JOY	A comparative study of Dung beetle (Coleoptera: Scarabaeidae:Scarabaeinae)Communities in Cattle and Elephant Dung across three Landuse types of Wayanad Wildlife Sanctuary, Kerala,India
3.	170011021079	ATHIRA THOMAS	Standardizing protocols to analyze the floral volatiles in Angiosperms using GC-MS methods
4.	170011021080	JESSIYA JACOB	Diabetic wound healing activity of medicinal mushroom Ganoderma applanatum from Kerala, India.





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MAJOR PROJECT DETAILS -MSc BIOINFORMATICS 2017-2019 BATCH

Sl.No.	REGISTER No.	NAME OF STUDENT	PROJECT TITLE
1.	170011019106	ATHIRA P ANIL	Developing computer program to understand protein structure and protein-protein interaction
2.	170011019107	BENITTA BENNY	Sequence Analysis Of Iron Regulated Hupb Protein And Docking
3.	170011019108	LINUS ELIAS JOSE	Text Mining To Collect Protein Protein Interaction Between Mycobacterium Tuberculosis And Human
4.	170011019110	RESHMA R	Selection Analysis On Genes Gspt2 And Sfn In Defferent Species
5.	170011019112	SUNITHA A T	Tissue Specific Deletion Of dPIP4K IN Drosophila melanogaster USING CRISPR Cas9 SYSTEM





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MAJOR PROJECT DETAILS -MSc PLANT BIOTECHNOLOGY 2017-2019 BATCH

Sl.No.	REGISTER NO.	NAME OF STUDENT	PROJECT DETAILS
1.	170011006505	AJMI S	Assessment Of In-Vivo Biocompatibility Fish Scale Derived Hydroxyapatite Intended For Bone Regeneration -An Experimental Study In Rats
2.	170011006506	APPUS MV	Identification of functional role of CNGC13 & CNGC 19 in Arabidopsis defense against spodoptera herbivor
3.	170011006507	ASWATHY A S	Phytochemical Analysis and In-vitro Antioxidant Evaluation of Combretum decandrum Roxb Leaves
4.	170011006508	JINSA SARA KURIAN	Invitro conservation studies in <i>Bacopa monnieri.L Wetttest</i>
5.	170011006509	JISHA GEORGE THYKKADAVIL	Molecular Diversity among U Triangle Species and Wild Relatives of Rapeseed Mustard
6.	170011006510	KAMALAPRIYA M	Studies on invitro propagation and genetic stability of <i>Elettaria Cardamomum Maton</i>
7.	170011006511	NEHA LUKOSE	Evaluation of flavonoid potential in genomic resources of trifolium pratense (red clover) using molecular markers and phenomic markers
8.	170011006512	SANGEETHA SOMAN	Phytochemical analysis of Cassia tora seeds and antifungal activity
9.	170011006513	SURYA B S	Physiological Characterization of Root response to nitrogen and phosphorus deficiency in Arabidopsis thaliana
10.	170011006514	UNNIMAYA G	Study On Generation And Validation Of Molecular Markers For Fusarium Wilt Resistance In Chickpea

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MAJOR PROJECT DETAILS-MSc FOOD TECHNOLOGY & QUALITY ASSURANCE (2017- 2019 BATCH)

SI.No.	REGISTER No.	NAME OF STUDENT	PROJECT DETAILS
1.	170011019292	ABHIJITH A	Development of spray dried solkadhi powder
2.	170011019293	ABIN GEORGE	Enzyme modified duck egg white hydrolysate
3.	170011019294	ANIL T LUKE	Influence of ripened jackfruit flour in wheat based instant pasta processing
4.	170011019295	ARYA C MITRA	Effect of different heat moisture treatment on physico-chemical and functional properties of tuber starches
5.	170011019296	ARYAMA KRISHNA	Product development (nutritional egg from plant source)
6.	170011019297	ATHIRA RAJAN	Mycotoxins and heavy metals in cereals, cereal products and dried fruits by ultra high pressure technology mass spectroscopy and inductively coupled plasma optical emission spectrometer
7.	170011019298	AYANA ASHOK	Studies on the development and stabilization of ready to serve beverage from dragon fruit
8.	170011019299	CHIPPY MATHEW	Material Specification of fats and oils
9.	170011019300	CHRISTEENA SIBY	Ngari(fermented fish) supplemental fish sausage: A study of its effect on texture and acceptability
10.	170011019301	FATHIMA RAHIM S R	Low egg yolk mayonnaise and its characteristics
11.	170011019302	GOPIKA RAJ P	A study on invitro digestion of masmin
12.	170011019303	KEERTHANA ROOP	Substitution of refined flour with banana flour for the preparation of pizza base enriched with modified starch and dietary fibre
13.	170011019304	LITTY ELZA ABRAHAM	Curcumin loss during the processing of curcuma longa
14.	170011019305	MISHEL ELIZABETH	Extraction and analysis of moisture from spices and a comparative study to find the correlation between moisture and water activity.
15.	170011019306	MOHAMMED SAHEED	Development and formulation of ready to eat egg bar from lactobacillus fermented and non fermented chicken egg
16.	170011019307	RATHEESH G	Optimization of air frying process conditions for the development of healthy fish cutlet.
17.	170011019308	REMINA M SHAJAHAN	Development of functional products to alleviate insomnia
18.	170011019309	RIBU DILSHAD P P	Synthesis and characterization of biodegradable bioplastic from banana peel
19.	170011019310	S FATHIMA NAZEER	Physical, chemical and microbiological comparative study of curd of different brands
20.	170011019311	SARWAR IQBAL	Low fat ready to eat baked snacks
21.	170011019312	SHAN ELIZABETH SAJAN	Utilization of dairy industrial by product-whey
22.	170011019313	SHERIN SABU THOMAS	Transition of synthetic colour to natural colour in Dairy and juice products





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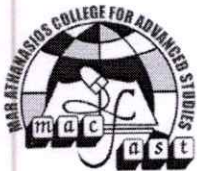
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23	170011019314	SONA GEORGE	Development of particle boards from cassava stem using acid modified starch as binder
24.	170011019315	SREELEKSHMI B S	Multi residue analysis of antibiotics in shrimp
25.	170011019316	SUSANNA JOY	Analysis of acrylamide in baked products by GC FID
26.	170011019317	TWINKLE JOSE	Development of thermoplastic sheet from cassava starch-saw dust composites
27.	170011019318	VANDANA S KUMAR	Physiochemical and functional properties of egg beverage mix
28.	170011019319	VIJESH V	Development of papad from cassava -sago-maida based composite flour





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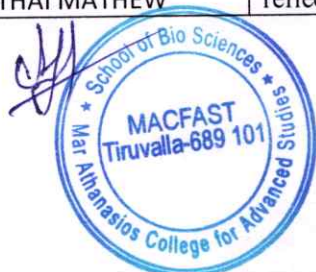
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MAJOR PROJECT DETAILS MSc FOOD TECHNOLOGY & QUALITY ASSURANCE

(2016-2018) BATCH

SL.No.	REGISTER No.	NAME OF STUDENT	PROJECT TITLE
1.	160011011579	ABHIRAMI S NAIR	Development of rice analogue from cassava-cereal based composite flour
2.	160011011580	AKHIL S	Comparitive study of amylase activity in wheat, maize and rice
3.	160011011581	ALEENA T MATHEWS	Kinetics of mass transfer and change in colour during deep fat frying of green peas at different temperatures
4.	160011011582	AMBILI M THOMAS	Molecular chracterization of antimicrobial resistance in bacteria isolated from food and water sample in Lucknow, UP
5.	160011011583	ANSU MARY JOHN	Biochemical and microbiological analysis of nutmeg pericarp taffy
6.	160011011584	ARATHI BEN	Physicochemical analysis of homemade dates syrup and comparitive study of its health benefits
7.	160011011585	ARCHA U L	Test for preservatives ans regulatory parameters in juice of different brands
8.	160011011586	ASWIN SANJEEV	A detailed study on the expiredgheesamples on the basis of packaging
9.	160011011587	ATHIRA KRISHNAN. R	Effect of mushroom powder on the rheological characterits of wheat flour and physicochemical, textural , storage stability of biscuits
10.	160011011588	BHAGYA VIJAYAN	Ripening stage dependent colour chart development for the traditional varieties of banana at cold storage
11.	160011011589	BINIL ALIAS	Initial study on employing food scan with gravimetric method for standardization of dahi
12.	160011011590	BOBY GEORGE	Ripening stage dependent colour chart development for the traditional varieties of banana at room temperature
13.	160011011591	DENNA MARY TOM	Development of thermoplastic sheet from cassava starch modified with octenyl succinic anhydride
14.	160011011592	DHANU S. LAKSHMI	Comparitive study on different brands of chilly powder in Eastern condiments (P) Ltd., Adimali
15.	160011011593	FATHIMI SHAMNA N S	Development of noodles from cassava-millet based composite flour
16.	160011011594	JAIN SARA JACOB	Development of pasta from banan flour and vinegar from banana peel
17.	160011011595	JESLA JOHN	Analytical research on Vitamin C degradation in different varitief of juices due to effect of temperature
18.	160011011596	MANIJA MADHU	Development of pre biotics from banana peel and utilization of ripened banan flour as functional replacement in doughnut
19.	160011011597	MATHAI MATHEW	Standardization of whey powders using near infrared reflectance spectroscopy





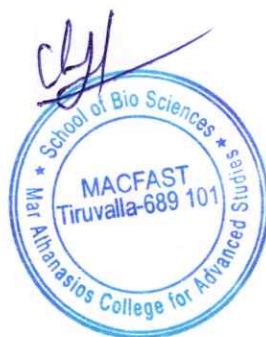
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20.	160011011598	MERCY JOSE	Development of freeze dried scrambled eggs and evaluation of physical properties
21.	160011011599	MUHAMMAD JASIR M. T. K	Shelf life study of market milk
22.	160011011600	NADIYA NAZER	Development of particle boards from cassava stem using octenyl succinate starch as binder
23.	160011011601	NIKHIL A N	Comparative study of physicochemical parameters collected from various natural source, tap and branded water in Jammu and Kashmir state, india
24.	160011011602	PRIYA ELIZABETH FRANCIS	Physicochemical changes as affected by ripening agents in banana
25.	160011011603	RENU JOHN	Biochemical and microbiological analysis of nutmeg pericarp taffy
26.	160011011604	SERA TREESA MATHEW	Starch content in different variety of potatoes before and after preparing french fries
27.	160011011605	SIBIN BABU	Shelf life study of fermented milk-products
28.	160011011606	TEENA JOSEPH	Standardization and development of banana flour based snack food (murukku)
29.	160011011607	VISHNU C	Determination of lactose from pasteurized milk sterilized flavoured milk and milk powders
30.	160011020738	AMMU BEJOE	Study on migration of food packaging material used in ready to eat foods





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MAJOR PROJECT DETAILS MSc PLANT BIOTECHNOLOGY

(2016-2018) BATCH

Sl.No.	REGISTER No.	NAME OF STUDENT	PROJECT TITLE
1.	160011011405	AMAL ANAND	Preliminary qualitative analysis of Lantana camara flowers
2.	160011011406	ANASWARA SYAM	Soil organic carbon stock and soil enzyme activities assessment in three land uses, Balussery, Calicut
3.	160011011407	ATHIRA RAJAN	Antifungal extractives of different extracts of Mallotus philippinesis
4.	160011011408	LESKSHMI S KUMAR	Phytochemical and in vitro biological evaluation of Dysoxylum binectariferum Hook. f. Leaves
5.	160011011409	PARVATHY J	Tilling in papaya cv. Arka Prabath for enhancing shelf life with reference to ACC synthase
6.	160011011410	PARVATHY NANDAKUMAR	Tilling in papaya cv. Arka Prabath for enhancing shelf life with reference to ACC oxidase

MAJOR PROJECT DETAILS MSc BIOTECHNOLOGY

(2016-2018) BATCH

Sl.No.	REGISTER No.	NAME OF STUDENT	PROJECT TITLE
1.	160011012670	ANJUMOL K.P.	Isolation of Bacillus thuringiensis and screening for novel crystal toxin (cry) genes
2.	160011012671	ELMA SUSAN REJI	Physiological and molecular responses of sugarcane to water deficit stress
3.	160011012672	GAYATHRI U.	Cryopreservation techniques for various plant species and explants
4.	160011012673	LITTY THOMAS	Cloning and characterization of cry genes from Bacillus thuringiensis
5.	160011012674	MARIA JOY P.	Studies on responses of sugarcane varieties (Saccharum officinarum) to induce drought at metabolic and molecular level.





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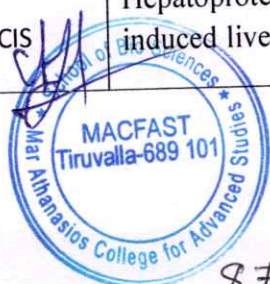
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MAJOR PROJECT DETAILS MSc BIOCHEMISTRY

(2016-2018) BATCH

Sl.No.	REGISTER No.	NAME OF STUDENT	PROJECT TITLE
1.	160011011959	ANJALI S.	Isolation, cloning and sequencing of disease resistance gene from <i>Piper nigrum</i> L.
2.	160011011960	ANJU C. ANAND	Identification of positive regulators for cell proliferation in tracheoblasts of <i>Drosophila melanogaster</i> by genetic screening
3.	160011011961	BHAVYA XAVIER	Expression signature of SWEET gene in <i>Zingiber-Pythium</i> interaction
4.	160011011962	BINSU BOSE	Identification of positive regulators for cell proliferation in tracheoblasts of <i>Drosophila melanogaster</i> by genetic screening
5.	160011011963	CHINJU VARGHESE	Green techniques for extraction of Astaxanthin from Antarctic diatom
6.	160011011964	LEKSHMI DEVI J.C.	Effect of oxyanion hole residue mutant n108d on enzyme activity
7.	160011011965	RAGIMOL M.R.	Identification of positive regulators for cell proliferation in tracheoblasts of <i>Drosophila melanogaster</i> by genetic screening
8.	160011011966	RAHUMATH A.S.	In vitro investigation of antioxidant activity and Vitamin C content of <i>Emblica officinalis</i>
9.	160011011967	RESHMA SHAJI	Isolation, characterization and purification of scytonemin from Antarctic cyanophyceans
10.	160011011968	RIA ELZA VARGHESE	Study of genetic interaction between highwire and taxi in <i>Drosophila melanogaster</i>
11.	160011011969	SONIA PHILIP	Anti-diabetic activity of methanolic extract of <i>Ocimum amaricanum</i> leaves on Alloxan induced experimental animals
12.	160011011970	SUJILA S.P.	Identification of differentially expressed genes in Colorectal cancer employing in silico analysis of transcriptome data
13.	160011011971	VARSHA S.S.	Impact of Ezrin on CAFs in progression of breast cancer
14.	160011011972	VINITHA FRANCIS	Hepatoprotective activity of <i>Simarouba glauca</i> in ethanol induced liver damage in rats





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MAJOR PROJECT DETAILS MSc PHYTOMEDICALSCIENCE&TECHNOLOGY

(2016-2018) BATCH

Sl.No.	REGISTER No.	NAME OF STUDENT	PROJECT TITLE
1.	160011020739	JUBIN J KURICHIYIL	Isolation, Identification and characterization of the high value polysaccharide produced by the microlagae





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MAJOR PROJECTS DETAILS- MSc FOOD TECHNOLOGY & QUALITY ASSURANCE (2015-2017 BATCH)

Sl. No	REGISTER No.	NAME OF STUDENT	PROJECT TITLE
1.	150011013947	AISWARYA VASANTH	Stabilization of coconut milk enriched in polyphenols
2.	150011013948	ANJALI PRADEEP	Studies on development of sago (sabudana) from cassava based dry starch
3.	150011013949	ARCHANA KISHOR KUMAR	Isolation of sulphur oxidising bacteria from freshwater fish farm
4.	150011013950	ASWATHY REMESH	Survey of acrylamide (a food toxicant) in namkeens and its possible mitigation strategies
5.	150011013951	ASWATHY S	Incidence of coagulase negative staphylococci in salt cured dry fish and antimicrobial resistance patterns
6.	150011013952	ASWIN OMANAKUTTAN	Comparison of expired cheesesample on the basis of packaging
7.	150011013953	DEEPTHI SLIZABETH JOHNS	Development of cheese whey incorporated spice buttermilk
8.	150011013954	DENNI K THAMPI	Hazard analysis in different red chilli varieties.
9.	150011013955	FEBA DAS	Preparation and characterization of protein hydrolysate from edible defatted groundnut cake
10.	150011013956	GREESHMA S	Standardization of protocol for sugarcane juice preservation
11.	150011013957	HIMA DEVADAS	Studies on development of mango toffee using soy flour
12.	150011013958	JOSHNA K ABRAHAM	Study of few food pathogenic bacteria from fresh small cardamom capsules
13.	150011013959	LINTA JOSE	Development of cassava stem coir pith based particle boards
14.	150011013960	NIKITHA N PILLAI	Incidence of coagulase negative staphylococci in salt cured dry fish and antimicrobial resistance patterns
15.	150011013961	NISSA ANN VARUGHESE	Quality enhancement of sugarcane juice using fruit juices
16.	150011013962	NITHYA P	Formulation of cheese curd slurry for flavour enhancement
17.	150011013963	NOYAL SHAJI	Preparation of Nano/microencapsulated turmeric extract and CRTO and development of a carbonated beverage
18.	150011013964	OSHEEN OLIVER	Studies on development of instant breakfast mix and health drinks
19.	150011013965	RAJENDRAPRASAD N V	Hazard Analysis in different red chilli varieties
20.	150011013966	RAJESH SHAM	Formulation and physicochemical characterization of resveratrol-loaded phytosomes and its incorporation into a model food system
21.	150011013967	RINSY MATHEW	Development of instant mango chutney powder
22.	150011013968	ROHITHNATH R R	Catalytic hydrogenation of some selected spice constituents





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23	150011013969	SHAFANA FARUK	Process technology for the development of papads from cassava tuber-sago polish dough
24.	150011013970	SIMIMOL PHILIP	The effect of watermelon rinds and sharlyn melon peels as a partial substitute to increase antioxidants and dietary fibre in cake making.
25.	150011013971	SIMI SATHAR	Preparation and characterization of fish bone oil encapsulates
26.	150011013972	SIMON THOMAS	Development and quality evaluation of pumpkin pudding
27.	150011013973	SINDOORA K UDAYAKUMAR	Development of a quicker and convenient method for the determination of curcumin by FTIR-ATR
28.	150011013974	SUMAYYA ABDUL RAHIM	Development of Biocolours from natural sources for application in foods
29.	150011013975	THEJAS ANIL	Development and quality evaluation of carrot pudding
30.	150011013976	VIDHYALAKSHMI V	Effect of pasteurization temperature on the quality of sugarcane juice





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MAJOR PROJECTS DETAILS- MSc BIOCHEMISTRY (2015-2017 BATCH)

Sl.No.	REGISTER No.	NAME OF STUDENT	PROJECT TITLE
1.	150011014425	AHMED NABEEL M N	In vitro investigation of the potential health benefits of triazole appended labdane isolated from Curcuma amada Roxb roots
2.	150011014426	ANJU KRISHNAN	Isolation, cloning and characterization of AGO gene from black pepper
3.	150011014427	ANUJA A NAIR	Evaluation of Terminalia serica Burch. ex DC. leaves for total phenolic content and antioxidant activity
4.	150011014428	DARSANA S	Evaluation of dehydrogenase activity in coconut growing soil
5.	150011014429	DEVIKA V A	Comparative profiling of nutritive value and cooking parameters in pigmented and non-pigmented rice (Oryza sativa L.)
6.	150011014430	LIJINA L N	Utilization of Murraya koenigii fruits as source of dye and essential oil
7.	150011014431	NISSMOL SHAJAN	Estimation, extraction and isolation of chlorophyll from Aloe vera spent leaves
8.	150011014432	OOSHMALA B	Determination of a-glucosidase inhibitory activity of Populus deltoides bark and sawdust.
9.	150011014433	SAJEESHA S	Phytochemical and antioxidant potency evaluation of Flacourtia jangomas (Lour.) Reaus leaves
10.	150011014434	SANTHY M S	In vitro differentiation and genetic transformation studies in Indian mulberry, Morus indica
11.	150011014435	SHONE THOMAS MATHEW	Industrial training
12.	150011014436	SOFIA SOLOMON	Effect of herbicide application on biochemical changes in weeds commonly infesting tuber crops growing fields.
13.	150011014437	SOUMYA ABRAHAM	Biochemical profiling of tocopherol content, composition and transcriptional analysis of tocopherol biosynthesis genes in soybean seeds.
14.	150011014438	SOUMYA ZACCHARIAH	Cloning and characterization of MIPS from soybean
15.	150011014439	SREEJA S	Optimization of Agrobacterium-mediated transformation of Indian soybean genotypes.
16.	150011014440	SREELEKSHMI N	Expression analysis of gamma-tocopherol methyltransferase genes and alpha-tocopherol content in developing seeds of soybean
17.	150011014441	SRUTHIMOL S KUMAR	Synthesis and characterization of wheat grass bioactive's capped manganese nanoparticle for angiogenic application
18.	150011014442	SURIYAGAYATHRI V P	Preliminary qualitative analysis of Calotropis procera stem
19.	150011014443	TEENA DANIEL	Preliminary phytochemical study of Zanthoxylum armatum bark





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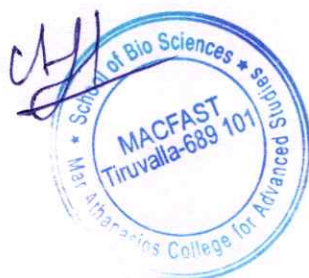
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MAJOR PROJECTS DETAILS- MSc BIOTECHNOLOGY (2015-2017 BATCH)

Sl.No.	REGISTER No.	NAME OF STUDENT	PROJECT TITLE
1.	150011015392	ANUMOL C JAMES	Molecular characterization of <i>Dendrocalamus hamiltonii</i> using ISSR markers.
2.	150011015393	ASHA L P	Molecular characterization of <i>Rhododendron arboreum</i> Sm. using ISSR markers.
3.	150011015394	LIDA LALU	Synthesis and Characterization of genistein incorporated chitosan-fibrin scaffold for biomedical application
4.	150011015395	PRASANTHY P	Dextran sulphate embedded collagen scaffold for angiogenic application
5.	150011015396	REVATHY V A	Fluorescent-tagged constructs of <i>Spiroplasma</i> Fibril protein

MAJOR PROJECTS DETAILS- MSc PLANT BIOTECHNOLOGY (2015-2017 BATCH)

Sl.No.	REGISTER No.	NAME OF STUDENT	PROJECT TITLE
1.	150011013786	DIBHA P S	Molecular characterization of <i>Rhododendron arboretum</i> Sm. using ISSR markers.
2.	150011013787	LIJOY M JOSEPH	Identifying 'R' genes for multiple disease resistance in diverse population of potato.





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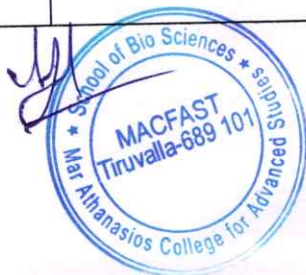
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INTERNSHIP/TRAINING DETAILS

2019-2021 BATCH

Sl.No	Reg No	NAME	COURSE	TRAINING/INTERNSHIP
1	190011014505	GOPIKA S	FOOD TECHNOLOGY & QUALITY ASSURANCE	Attended training in Manufacturing (level 2) and covid- Food Safety Supervisor. Successfully passed an assessment in Highfield Level 3 Award in HACCP for Food Manufacturing (RQF)
2	190011014507	JEEMOL THOMAS	FOOD TECHNOLOGY & QUALITY ASSURANCE	FoSTaC training in Manufacturing (level 2) and covid- Food Safety Supervisor.
3	190011014513	RIYA ELZA PHILIP	FOOD TECHNOLOGY & QUALITY ASSURANCE	FOSTAC training in Manufacturing (level 2) and covid- Food Safety Supervisor. HACCP LEVEL 3 for Food Manufacturing (RQF)
4	190011014515	SANDRA S P	FOOD TECHNOLOGY & QUALITY ASSURANCE	Successfully completed foSTaC training in Manufacturing (level 2) COVID –Food Safety Supervisor conducted by Green Food Consultancy. Completed “HACCP LEVEL 3 FOR FOOD MANUFACTURING (RQF)” conducted by Highfield
5	190011014503	Ganga S	FOOD TECHNOLOGY & QUALITY ASSURANCE	Successfully completed foSTaC training in Manufacturing (level 2) COVID –Food Safety Supervisor conducted by Green Food Consultancy.
6.	190011021842	Anju Alexander	Plant Biotechnology	1)Plant genetic resources management and utilization -NBPGR 2) FRCC
7.	190011021848	Loveina Gracious	Plant Biotechnology	1)Internshala 2)International MUN internship





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**SCHOOL OF BIOSCIENCES
2018-2020 BATCH**

Sl.No	Reg No	NAME	COURSE	TRAINING/INTERNSHIP
1	180011014403	P S SWATHY	FOOD TECHNOLOGY & QUALITY ASSURANCE	Safety of food in plastics and metal packaging(CFTRI,Mysore)
2	180011008279	ANEESHA ANTO	BIOINFORMATICS	Hospital training
3	180011008281	ANOOJA P	BIOINFORMATICS	Training course in Bioinformatics ,JNTBGRI
4	180011008157	VEEENA C NAIR	BIOCHEMISTRY	Phytochemical techniques in phytochemistry,JNTBGRI





Certificate of Internship

This is to certified that

Anju Alexander

Has successfully completed Online Internship in FSMS Division

From 15th Oct to 05 Dec 2020 under

FRCC Internship Scheme 2020

We found him/her Sincere, Dedicated and result oriented. She/he worked well as part of the team. We take this opportunity to thank her/him and

We Wish Him Every Success in Life.

Certificate No.....FRCC/20/211

Certificate Issue Date.....10 Dec 20

Authorized Signature

Food Regulation & Compliance Centre

B3 41 Sector 23 Dwarka New Delhi 110075

www.frcc.org.in

info@frcc.org.in

fssai



FOOD SAFETY AND STANDARDS
AUTHORITY OF INDIA

Inspiring Trust, Assuring Safe & Nutritious Food
Ministry of Health and Family Welfare, Government of India

fostaC

Food Safety Training & Certification

fssai committed to build a culture of self compliance

Food Safety Supervisor Certificate of Competence

This is to certify that

Sandra S P

has successfully completed training in

Manufacturing (Level 2) & COVID- Food Safety Supervisor

held at

Online Training Platform Created By GFC West Delhi

Conducted by

Green Food Consultancy

Roll Number : AMACOVID203001374747

Batch Code : AMACOVID203/19511

Certificate Number : AMACOVID2031374747

Date of Issue : 25-10-2020

Refresher Due on : 25/10/2022



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foSTaC

Food Safety Training & Certification

FSSAI committed to build a culture of self compliance

Food Safety Supervisor Certificate of Competence

**This is to certify that
Jeemol Thomas
has successfully completed training in
Manufacturing (Level 2) & COVID- Food Safety Supervisor
held at
Online Training Platform Created By GFC West Delhi
Conducted by
Green Food Consultancy**

Roll Number : AMACOVID203001374723

Batch Code : AMACOVID203/19511

Certificate Number : AMACOVID2031374723

Date of Issue : 25-10-2020

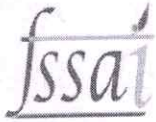
Refresher Due on : 25/10/2022



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Ministry of Health and Family Welfare, Government of India



foSTaC

Food Safety Training & Certification

foSTaC committed to build a culture of self compliance

Food Safety Supervisor Certificate of Competence

This is to certify that
Riya Elza Philip
has successfully completed training in
Manufacturing (Level 2) & COVID- Food Safety Supervisor
held at
Online Training Platform Created By GFC West Delhi
Conducted by
Green Food Consultancy

Roll Number : AMACOVID203001374743

Batch Code : AMACOVID203/19511

Certificate Number : AMACOVID2031374743

Date of Issue : 25-10-2020

Refresher Due on : 25/10/2022



foSTaC

Food Safety Training & Certification

foSTaC committed to build a culture of self compliance



Splendid
Quality Consultants



Highfield
Qualifications®

Highfield Qualifications

Certifies that

Gopika S

has successfully passed an assessment in

**Highfield Level 3 Award in HACCP for Food
Manufacturing (RQF)**

Qualification number 603/2231/7

Date of award 25 November 2020

Certificate number HAC3340337

Course Director

Splendid Quality and Standardization
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Training Organisation



Jason Sprenger - Chief Executive
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World Bank - ICAR Funded
National Agricultural Higher Education Project (NAHEP)
Centre for Advanced Agricultural Science and Technology (CAAST) on
Genomics-Assisted Crop Improvement and Management

Certificate of Participation

This is to certify that **Anju Alexander, MACFAST College for Advanced Studies, Thiruvalla** has successfully completed NAHEP-CAAST sponsored Training on "**Plant Genetic Resources Management and Utilization**" organized by ICAR-National Bureau of Plant Genetic Resources, New Delhi during 30 September - 11 October, 2019.



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Certifies that

Sandra S.P

has successfully passed an assessment in
**Highfield Level 3 Award in HACCP for Food
Manufacturing (RQF)**

Qualification number 603/2231/7
Date of award 25 November 2020
Certificate number HAC3340341


Course Director

Splendid Quality and Standardization
Consultants
Training Organisation



Jason Sprenger - Chief Executive
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KSCSTE - JAWAHARLAL NEHRU TROPICAL BOTANIC GARDEN AND RESEARCH INSTITUTE
(An Institution of Kerala State Council for Science, Technology and Environment, National Centre of Excellence, Govt. of India)




Bioinformatics Centre

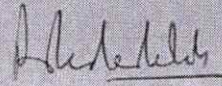
Saraswathy Thangavelu Extension Centre, Puthenthope, Thiruvananthapuram - 695 586
(Sponsored by Department of Biotechnology, Govt. of India)

CERTIFICATE

This is to certify that *Ms. Anooja P, M.Sc. Bioinformatics Student, MACFAST, Thiruvalla* has successfully completed nine days training course in Bioinformatics at Bioinformatics Centre, Saraswathy Thangavelu Extension Centre of KSCSTE- Jawaharlal Nehru Tropical Botanic Garden and Research Institute, Puthenthope, Thiruvananthapuram from 4th April, 2019 to 12th April, 2019.


Coordinator
Bioinformatics Centre




Director
JNTBGRI

Place: Puthenthope
Date: 12th April, 2019



ERNAD HOSPITAL

ENDOSCOPIC SURGERY CENTRE

Industrial Estate Road, MANJERI - 676 121
Phone : 0483 2769040, 2761122 E-mail : ernadncbhospi@gmail.com

INTERNSHIP

This is to certify that Ms. ANISHA ANTO 1ST Year M.Sc. Bioinformatics MACFAST has worked in this Hospital as Intern from 28/01/2019 to 30/01/2019.

Ernad Hospital is a One hundred bedded Hospital with fully equipped O.T and ICU having facilities for Laparoscopic surgery, General surgery, and General medicine, Urology, Pediatrics, Orthopedics, Gynecology and Infertility.

Dr. J.J. Tharayil MD, DGO

(Managing Director)



Dr. J.J. THARAYIL M.D. DGO
Rtd. Civil Surgeon
Reg. No: 7363 Manjeri

KSCSTE/JNTBGRI



KSCSTE - Jawaharlal Nehru Tropical Botanic Garden and Research Institute
An Institution of Kerala State Council for Science, Technology & Environment;
National Centre of Excellence, Govt. of India



CERTIFICATE

This is to certify that **Ms. Veena.C.Nair, MSc Biochemistry S2, Mar Athanasios College for Advanced Studies (MACFAST), Tiruvalla**, had undergone an Internship Programme on Phytochemical Techniques at the Phytochemistry and Phytopharmacology Division, KSCSTE-Jawaharlal Nehru Tropical Botanic Garden and Research Institute, Palode, Thiruvananthapuram from 8th April 2019 to 24th April 2019 under my guidance. During the period, she was assigned various extraction, chromatographic and spectroscopic works.

I have been impressed by her dedication, enthusiasm and hardworking nature, and during the period she was very keen in learning new techniques, and maintained good rapport with her colleagues and supervisors. Further, her conduct and character are excellent. I wish her all the very best for her future career endeavors.

Dr. K. B. Rameshkumar

Senior Scientist

Phytochemistry and Phytopharmacology Division

KSCSTE-Jawaharlal Nehru Tropical Botanic Garden and Research Institute

CERTIFICATE

CSIR - CENTRAL FOOD TECHNOLOGICAL RESEARCH INSTITUTE
MYSORE - 570 020, INDIA



This is to certify that

Ms. P S SWATHI

has attended and participated in
the training programme on

"Safety of Food in Plastics & Metal Packaging"

held at this Institute during Oct 03 - 05, 2018

H.S. Sathish H S

(Mr. Sathish H S)
Head

Food Packaging Technology
CSIR - CFTRI

Keshava Murthy P S

(Dr. Keshava Murthy P S)
Course Organizer

Scientist, FPT
CSIR - CFTRI

Malathi Srinivasan

(Dr. Malathi Srinivasan)
Coordinator

Short Term Course
CSIR - CFTRI

HRD/SCCRTE/18/1046





ट्रांसलेशनल स्वास्थ्य विज्ञान
एवं प्रौद्योगिकी संस्थान
TRANSLATIONAL HEALTH SCIENCE
AND TECHNOLOGY INSTITUTE

An autonomous institute of the Deptt. of Biotechnology, Ministry of Science & Technology, Govt of India

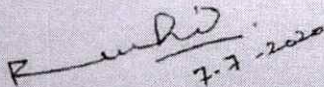
NCR Biotech Science Cluster
3rd Milestone, Faridabad-Gurugram Expressway,
PO Box No. 04, Faridabad-121001
Haryana, India

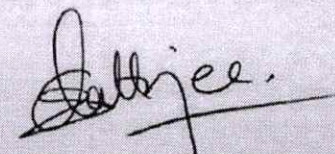
THS/5.1.1 (Vol.III)/31

Dated: 6th July 2020

TO WHOM IT MAY CONCERN

This is to certify that **Ms. Athira R Thankam**, a student of Mar Athanasios College for Advanced Studies, Tiruvalla (M G University) Kerala), has successfully completed her short-term training program for the period of 15th January 2020 to 15th May 2020, while working on the project titled "**Setting up in vitro assay models to test the anti-inflammatory potential of test compounds in non-alcoholic fatty liver disease**" under the supervision of Dr. Ruchi Tandon, Scientist E, Translational Health Science and Technology Institute, Faridabad, with reference to the partial fulfilment of the requirements for the degree of M.Sc. (Biotechnology), Mahatma Gandhi University Kerala.


7.7.2020
Supervisor


In charge(Academics)

Dr. Samrat Chatterjee
Academics - In Charge
Translational Health Science and Technology Institute
(An autonomous institute of the Deptt. of Biotechnology, Govt. of India)
NCR Biotech Science Cluster, 3rd Milestone, Faridabad-Gurugram Expressway,
PO Box No. 04, Faridabad-121001 Haryana, India

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Tel:Off: 0474-2416228

CASHEW PROCESSORS, EXPORTERS / IMPORTERS

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PAN No: AAZPV5192P

GSTIN: 32AAZPV5192P2ZF

FSSAI No: 11318002000282

Ref: LMCI/101/2019

28.01.2019

CERTIFICATION

This is to certify that **Ms. Athira R Thankam** D/o Mr. Reji George, a bonafide student of M.Sc. Biotechnology first semester in MACFAST college Tiruvalla, has successfully done her industrial visit in our company as a part of her curriculum. The period of study was 3 days (25th, 28th and 29th of January 2019) and she submitted the report of her study.

During the period we found her inquisitive and observant.

We wish her all success.

For Director Athira Thankam Indu...
Pranvitha



Puthoor-691507, Kollam, Kerala, S. India (Star Export House)

E-mail: lourdemathaputhoor@gmail.com

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