

ACADEMIC YEAR
2021 – 2022



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RESEARCH - ACADEMIC YEAR - 2021-2022

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SCHOOL OF ENGINEERING AND TECHNOLOGY
Department of Mechanical Engineering
(2021-2022)
Research Project


| BATCH .NO | REG. NUMBER | NAME | PROJECT TITLE |
|-----------|-------------|----------------|--------------------------------------------------------------------------|
| 1 | 2001MT18101 | STANY.K | Design and fabrication of Electrical Steering system in four wheel drive |
| 2 | 2001MT18102 | SURENDER.R | Fabrication of bladless windmill power generation model |
| 3 | 2001MT18103 | SURENDRAN.D | Solar SeaWater Desalination Machine With RO UV Purifier |
| 4 | 2001MT18104 | SURENDRAN.M | Portable Air Compressor with Auto Cutoff |
| 5 | 2001MT18105 | TAMILVANAN.M | Floating Sun Tracker Hydraulic Solar Panel |
| 6 | 2001MT18106 | VENGATESH.M | Pneumatic Metal Sheet Bending Machine |
| 7 | 2001MT18107 | VENKATESAN.C | Single Motor Double Door Opener Mechanism |
| 8 | 2001MT18108 | VIGNESHWARAN.P | Automatic Wire Cutter And Stripper Machine |
| 9 | 2001MT18109 | VIJAY.N | Automatic Sugarcane Bud Cutter Machine / Variable Cutting Size |
| 10 | 2001MT18110 | VINOTHRAJ.S | Hydraulic Paddle Press Sheet Metal Bending Machine |
| 11 | 2001MT18111 | VISHNU.B | PLC based Automatic Dam Shutter Control |


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| | | | |
|----|-------------|------------------|---------------------------------------------------------------------|
| | | | System |
| 12 | 2001MT18112 | VISWANATH.R.M.S | PLC Based Smart Elevator Control System Project |
| 13 | 2001MT18113 | ARAVINDHAN.S.P | PLC Based Intelligent Traffic Control System using Sensors |
| 14 | 2001MT18114 | JAGANRAJ.K | PLC Based Automatic Drainage Water Monitoring & Control System |
| 15 | 2001MT18115 | PUGAL MANI.M | PLC based Multi-channel Fire Detection & Alarm System Project |
| 16 | 2001MT18116 | RAJADURAI.R | Automatic Water Level Control System Using PLC Project |
| 17 | 2001MT18117 | PRITHIVIRAJ.B | Automatic Pick and Place Conveyor Transfer Using PLC |
| 18 | 2001MT18118 | RAJESH.R | PLC Operated Color Based Product Sorting Machine |
| 19 | 2001MT18119 | RANJITH.R | PLC Based Sorting System Using Metal Detection |
| 20 | 2001MT18120 | SABAREESWARAN.N | Design and fabrication of multi purpose machine |
| 21 | 2001MT18121 | SAMINATHAN.R | Design and fabrication of multi operational machine |
| 22 | 2001MT18122 | SANTHOSH.R | Design and fabrication of object lifting hover board with fork lift |
| 23 | 2001MT18123 | SUDHAKAR JEGAN.P | Design and fabrication of multi chamber flow splitting muffler |


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**Department of Mechanical Engineering
(2021-2022)**

Research Project

Design Project /Socio Technical Project

| BATCH .NO | REG. NUMBER | NAME | PROJECT TITLE |
|-----------|-------------|------------------|-----------------------------------------------------------|
| 1 | 2001MT18101 | STANY.K | Interpretive Signs for Trails Habitat |
| 2 | 2001MT18102 | SURENDER.R | Prepare a Catalogue of Native Medicinal Plants Habitat |
| 3 | 2001MT18103 | SURENDRAN.D | Raising Honey Bees Habitat |
| 4 | 2001MT18104 | SURENDRAN.M | Recycling Program Waste |
| 5 | 2001MT18105 | TAMILVANAN.M | Reduce School Cafeteria Waste Waste |
| 6 | 2001MT18106 | VENGATESH.M | Reducing Energy Consumption Energy |
| 7 | 2001MT18107 | VENKATESAN.C | Riparian Assessment Water |
| 8 | 2001MT18108 | VIGNESHWARAN.P | Riparian Restoration Project Water |
| 9 | 2001MT18109 | VIJAY.N | Saving Water Water |
| 10 | 2001MT18110 | VINOTHRAJ.S | Schoolyard Bioswales Water |
| 11 | 2001MT18111 | VISHNU.B | Storm Drain Stenciling Water |
| 12 | 2001MT18112 | VISWANATH.R.M.S | Sustainable Building Practices Energy |
| 13 | 2001MT18113 | ARAVINDHAN.S.P | Sustainable Gardening Habitat |
| 14 | 2001MT18114 | JAGANRAJ.K | Testing for Lead Habitat |
| 15 | 2001MT18115 | PUGAL MANI.M | Trash Audit Waste |
| 16 | 2001MT18116 | RAJADURAI.R | Tree Identification Project Habitat |
| 17 | 2001MT18117 | PRITHIVIRAJ.B | Tree Planting Habitat |
| 18 | 2001MT18118 | RAJESH.R | Vacant Lot Cleanup Waste |
| 19 | 2001MT18119 | RANJITH.R | Vegetation Monitoring Habitat |
| 20 | 2001MT18120 | SABAREESWARAN.N | Water Quality Testing Wate |
| 21 | 2001MT18121 | SAMINATHAN.R | Solid waste management |
| 22 | 2001MT18122 | SANTHOSH.R | Conversion of Salt Water into Drinking Water |
| 23 | 2001MT18123 | SUDHAKAR JEGAN.P | Use of different organic wastes for production of bio gas |


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Research Project**

Participation in Bounded Research

| BATCH .NO | REG. NUMBER | NAME | PROJECT TITLE |
|-----------|-------------|----------------|---------------------------------------------------------------------|
| 1 | 2001MT18101 | STANY.K | Pneumatic Arm Hammer Attachment With Nail Puller |
| 2 | 2001MT18102 | SURENDER.R | 360° Welding Cutting Rotary Turn Table Welding Positioner |
| 3 | 2001MT18103 | SURENDRAN.D | Design and Fabrication of External Pipe Climbing Robot |
| 4 | 2001MT18104 | SURENDRAN.M | Manually operated Eco-friendly Road and Floor Dust Cleaning Machine |
| 5 | 2001MT18105 | TAMILVANAN.M | Design and Fabrication of Mini Groundnut & Peanut Shelling Machine |
| 6 | 2001MT18106 | VENGATESH.M | Design and Fabrication of Pneumatic Vice Project |
| 7 | 2001MT18107 | VENKATESAN.C | Mini Belt grinder Project |
| 8 | 2001MT18108 | VIGNESHWARAN.P | Arm Mounted Hammer Drill Machine For Accurate Drilling |
| 9 | 2001MT18109 | VIJAY.N | Mini Mechanical Wire & Rod Cutter Machine |
| 10 | 2001MT18110 | VINOTHRAJS | Motorized Car & Bus Windshield Wiper |



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| | | | |
|----|-------------|------------------|-------------------------------------------------------------|
| | | | Mechanism |
| 11 | 2001MT18111 | VISHNU.B | Single Motor Double Door Opener Mechanism |
| 12 | 2001MT18112 | VISWANATH.R.M.S | Pneumatic Metal Sheet Bending Machine |
| 13 | 2001MT18113 | ARAVINDHAN.S.P | Android Streaming Micro Quad copter with Obstacle Detection |
| 14 | 2001MT18114 | JAGANRAJ.K | Drill Press Project |
| 15 | 2001MT18115 | PUGAL MANI.M | Solenoid Engine Project |
| 16 | 2001MT18116 | RAJADURAI.R | 360-Degree Rotating Vehicle |
| 17 | 2001MT18117 | PRITHIVIRAJ.B | Pneumatic Powered Metal Pick and Place Arm Gripper |
| 18 | 2001MT18118 | RAJESH.R | Table Saw Project |
| 19 | 2001MT18119 | RANJITH.R | Robotic Vehicle using Ackermann Steering Mechanism |
| 20 | 2001MT18120 | SABAREESWARAN.N | Theo Jansen Mechanism 4 Legs Spider Bot |
| 21 | 2001MT18121 | SAMINATHAN.R | Automatic Motorized Bench Vise |
| 22 | 2001MT18122 | SANTHOSH.R | Motorized Smart Turning Mechanism |
| 23 | 2001MT18123 | SUDHAKAR JEGAN.P | Motorized Scotch Yoke Mechanism Piston |


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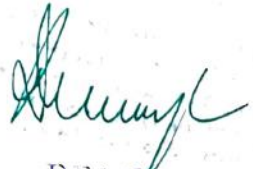
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Research Project

MECH-PART TIME


| BATCH .NO | REG. NUMBER | NAME | PROJECT TITLE |
|-----------|-------------|-----------------|------------------------------------------------------------------------------------------------------------------|
| 1 | 1901MT2801 | ABINESH. S | Investigation Of Mechanical Properties Of Zeolite-Y And Zsm-5 Catalysts Synthesized From Locally Available Clays |
| 2 | 1901MT2802 | DEVAN K | Manufacturing System Optimization: A Study Of Unity And Efficiency In Production (Uep) In Peugeot Automobile |
| 3 | 1901MT2803 | JEYAKUMAR P | Effect Of Faulty Design And Construction On Building Maintenance |
| 4 | 1901MT2804 | MOHAMED RIYAZ M | Measurement And Evaluation Of The Performance Properties Of Selected Locally Produced Lubricants (Engine Oil) |
| 5 | 1901MT2805 | GOWDAM KUMAR K | Performance Evaluation Of Different Materials As Chills In Sand Casting Of Aluminium Alloy |
| 6 | 1901MT2806 | GOWRIKANTH .M | Design And Construction Of A Bedside Refrigerator |
| 7 | 1901MT2807 | VIJAY.N | Construction Of A Standard Banking Oven |
| 8 | 1901MT2808 | ARAVINDHAN.S.P | Design And Fabrication Of A Printing Machine |
| 9 | 1901MT2809 | SATHISH KUMAR.K | Design And Fabrication Of A Pilot Production Plant For Paints |
| 10 | 1901MT2810 | MUKILAN BALA | Repair And Rehabilitation Of Faulty Air Conditioner |



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| | | | |
|----|------------|--------------------|--------------------------------------------------------------------------------------------------------------|
| 11 | 1901MT2811 | RAMU | Design And Analysis Of A Small-Scale Cost-Effective CNC Milling Machine. |
| 12 | 1901MT2812 | ABDULRAHMAN.S | Repair And Maintenance Of A Faulty Deep Freezer |
| 13 | 1901MT2813 | DEVAKUMAR.L | Design And Fabrication Of A Printing I Block Machine |
| 14 | 1901MT2814 | ELAMARAN.M | Design And Fabrication Of A Metal Bookshelf |
| 15 | 1901MT2815 | IMTHIAZ.M | The Construction And Fabrication Of a Metal Booksheet |
| 16 | 1901MT2816 | MOHAMED ISMAIL.S | The Construction And Fabrication Of a Candle Moulding Machine |
| 17 | 1901MT2817 | MOHAMED SOFIYAN.RH | Fabrication Of Bench Shaping Machine |
| 18 | 1901MT2818 | MUKILAN.S | Effect Of Welding Consumables On The Microstructure And Mechanical Properties Of a Welded Sa 530 Gr 70 Steel |


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Research Project


Design Project /Socio Technical Project

MECH-PART TIME

| BATCH .NO | REG. NUMBER | NAME | PROJECT TITLE |
|-----------|-------------|------------------------|------------------------------------------------------------------------------------------------------|
| 1 | 2001MT28101 | AMIT KUMAR .A | Garbage Collection Treatment And Disposal |
| 2 | 2001MT28102 | LATHEESH P | Survey And Documentation Of Methods Disposal Of Hospital Waste |
| 3 | 2001MT28103 | SAKTHIVEL S | Biological Treatment As A Sustainable Option For Urban Domestic Waste Water Treatment |
| 4 | 2001MT28104 | RABINDRA KUMAR SAHOO. | Collection And Treatment Of Leachate From Solid Waste Dumps |
| 5 | 2001MT28105 | DEEPAK KUMAR PRADHAN. | Characterisation And Solidification Of Electroplating Sludge Construction Materials |
| 6 | 2001MT28106 | KUNAL CHAKRAVARTHY .T | Effect Of Sewage Farming On Ground Water And Soil |
| 7 | 2001MT28107 | SUDHANSU SEKHAR DAS .S | Vermicomposting Of Market Waste |
| 8 | 2001MT28108 | KALI PRASAD PATNAIK. | Feasibility Study Of Colour Removal By Absorption On Richusk Carbon |
| 9 | 2001MT28109 | MOHAMED ALTHAF.A | Experimental Studies On Treatment Of Synthetic And Industrial Organic Waste Electrochemical Techique |
| 10 | 2001MT28110 | MOHANLAL.C | |


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| | | | |
|----|-------------|-----------------|---------------------------------------------------------------------------------------------------------|
| | | | Removal Of Orthodresol By Adsorption On FlyAsh And Activated Carbon |
| 11 | 2001MT28111 | NAVEEN KUMAR.H | Monitoring And Attenuation Of Noise In Sensitive Urban Land use |
| 12 | 2001MT28112 | NAVEEN RAJ.S | Studies On The Kinetics Of Microbial Degradation Of Endosulfan |
| 13 | 2001MT28113 | NEELA SATHISH.N | Studies On Environmental Problems Of Septic Tank Systems In Rural Areas And Mitigative Measures |
| 14 | 2001MT28114 | RAGHU SHANKAR.R | Decentralized Solid Waste Management System Involving Active Public And Ngo Participation |
| 15 | 2001MT28115 | RAJABOOBATHI.K | Supercritical Carbon dioxide Extraction Of Neem Kernels (Azadirachta Indica) For Production Of Biocides |
| 16 | 2001MT28116 | RAJESHKANNA.P | Studies On The Leachate Characteristics Of Nitrates And Endosulfan From Agricultural Subsoil |
| 17 | 2001MT28117 | RAMESH.R | Defluoridation Of Drinking Water Using Laterite And Reuse |
| 18 | 2001MT28118 | RANJITHKUMAR.A | Decontamination Of Pesticides Using Supercritical Carbon Dioxide |
| 19 | 2001MT28119 | RISHIKIRAN.D | Removal Of O-Cresol By Adsorption On Impregnated Bagasse Flyash |
| 20 | 2001MT28120 | SANJAY.K | Feasibility Study On Reuse Of Electroplating Effluent In Construction Materials |



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(2021-2022)

Research Project

Participation in Bounded Research

MECH-PART TIME

| BATCH .NO | REG. NUMBER | NAME | PROJECT TITLE |
|-----------|-------------|----------------------|-------------------------------------------------------------------------------------------------------------|
| 1 | 2101MT28101 | ADAM SAIBOO M | Design And Construction Of A Two-Wheel Motorized Scooter |
| 2 | 2101MT28102 | ABEMANYU A | Description Of Cooling Mechanisms Using Water Jet Impingement As Applied To Run-Out Table In Steel Industry |
| 3 | 2101MT28103 | MATHIYAZHAGAN A | The Impact Of Jet Apparatus |
| 4 | 2101MT28104 | ABDULHAMEEDANSAR S N | Design And Manufacture A Fuel Less Generator |
| 5 | 2101MT28105 | AHAMED ASRATH J | Design And Construction Of 2.5kg Weight Bench Vice |
| 6 | 2101MT28106 | AJITH RAJ K | Construction Of A Mobile Refrigerator Fridge |
| 7 | 2101MT28107 | AKASH R | Construction Of A Standard Baking Oven (Mini-Oven) With Dual Power Source (Electric/Gas) |
| 8 | 2101MT28108 | ANANDHA KUMAR S | Construction Of An Open Steam Distillation |


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| | | | |
|----|-------------|-------------------|-----------------------------------------------------------------------------------------------------------------|
| 9 | 2101MT28109 | ANNAMALAI S | Design And Construction Of A Woodlathe |
| 10 | 2101MT28110 | ARAVINDH S | A Project On Construction Of Propeller Agitator |
| 11 | 2101MT28111 | ARNOLD R | Fabrication Of A Standard Wheel Barrow |
| 12 | 2101MT28112 | CHANDRASEKAR R | Design And Construction Of Mitchell Tilting Pad Apparatus |
| 13 | 2101MT28113 | DINESH N S | The Design And Fabrication Of Autonomous Polymer-Based |
| 14 | 2101MT28114 | ELAKKIYASELVAN J | Construction Of Two Face Gas Burner Construction Of Two Face Gas Burner |
| 15 | 2101MT28115 | KARTHIK K | Design And Construction Of A Spin Dryer |
| 16 | 2101MT28116 | KARTHIKRAJ S | Design And Fabrication Of A Pilot Production Plant |
| 17 | 2101MT28117 | KUMARAGURUBARAN K | Design And Evaluation Of Pediatric Gait Rehabilitation Robots |
| 18 | 2101MT28118 | MAHESH KUMAR S | Fabrication For A Set Of Sieves And Saker |
| 19 | 2101MT28119 | MANIKANDAN G | Construction Of A Potable Electric Operated With Radio Control Wireless Remote Motor Vehicle For Long Danza Bus |
| 20 | 2101MT28120 | MUTHU KUMARAN M | Automobile Motor Vehicle Construction |



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Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : R.M.S Viswanath
- Register No. : 2001MT18112
- Programme & Branch : M.Tech-MFT Batch: 2021-Semester: 1
2022

II. Faculty Advisor Details

- Name of the Faculty Advisor : J. S. Srivani
- Designation: AP Department: Mech

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Pneumatic metal sheet bending Machine

ii. Date of Allotment of the Task:

1/3/22

iii. Date of Completion of the

30/3/22

Task:

IV. Certificate for Successful Completion of Task

This is to certify that Mr/Ms. R.M.S. Viswanath, a bonafide student of M.Tech-MFT

(Reg.No. 2001MT18112) who has been allotted a Research Related Task "Pneumatic

metal sheet bending machine

1/3/22, has successfully completed the above mentioned task on 30/3/22 to my satisfaction and has

submitted all task completion related records to me.

Date: 30/3/22
HOD

[Signature]
HOD

[Signature]
Signature of the Faculty Advisor
DEAN



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

Name of the Student : R. M. S. VISWANATH
Register No. : 2001MT18112
Programme & Branch : M. Tech - MFT Batch: 2021- Semester: II
2022

II. Faculty Advisor Details

Name of the Faculty Advisor : J. Selvarani
Designation: AP Department: Mech

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

It's Very easy to handle this equipment and to use pneumatic machine.

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ii. Date of Allotment of the Task:

1/3/22

iii. Due Date Proposed for Completion of Task:

20/3/22

Signature of the Student Viswanath

Signature of the Faculty Advisor

RS
HOD

Date: 30/3/22

J Selvarani
HOD

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Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : Viswanath . R.M.S
- Register No : 2001 MT1812
- Programme & Branch : M.Tech - MFT Batch: 2021 - Semester: II
2022

II. Faculty Advisor Details

- Name of the Faculty Advisor : J. Selvamani
- Designation: Ap Department: Mech

III. Details of the Task Undertaken:

i. Details of the Task:

Pneumatic metal sheet bending machine

ii. Date of Allotment of the Task:

1/2/21

iii. Date of Completion of the

30/3/22

Task:

IV. Declaration of the Student

I, R.M.S. Viswanath, a student of M.Tech-MFT Programme (Reg.No. 2001(MT1812)), hereby declare that I have completed the Research Related Task "Pneumatic metal sheet bending Machine"

upto the satisfaction of my Advisor and have submitted all related records to him on 30/3/22. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 30/3/22

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Faculty Advisor

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Viswanath
Signature of the Student

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Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : R. Surender
- Register No. : 2001MT18102
- Programme & Branch : M.Tech-MFT Batch: 2021-2022 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : K. Purnushothaman
- Designation : AP Department: Mech

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

To metals are joined together in welding processes.
It can be welding machinings rotates 360° in all faces.

ii. Date of Allotment of the Task:

11/3/22

iii. Due Date Proposed for Completion of Task:

30/3/22

Signature of the Student:

Signature of the Faculty Advisor

Date:

30/3/22

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Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : R. Surrender
- Register No. : 2001MT18102
- Programme & Branch : M.Tech - MFT Batch: 2021 - Semester: II
2022

II. Faculty Advisor Details

- Name of the Faculty Advisor : K. Purnashothaman
- Designation: AP Department: Mech

III. Details of the Task Undertaken:

i. Details of the Task:

360° Welding cutting rotary turn table welding positions

ii. Date of Allotment of the Task:

1/3/22

iii. Date of Completion of the

30/3/22

Task:

IV. Declaration of the Student

I, R. Surrender, a student of M.Tech-MFT Programme (Reg.No. 2001MT18102), hereby declare that I have completed the Research Related Task "360° Welding cutting rotary turn table Welding positions"

upto the satisfaction of my Advisor and have submitted all related records to him on 30/3/22. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date:

30/3/22
[Signature]
HOD

Faculty Advisor

[Signature]
HOD

Signature of the Student

[Signature]
DEAN
School of Engineering and Tech,
Ponnaiyah Ramajayam Institute of
Science and Technology (PRIST)
Deemed to be University
Vallam, Thanjavur-613 403.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : Surender . R
- Register No. : 2001MT18102
- Programme & Branch : M. Tech - MFT Batch: 2021 - Semester: II
2022

II. Faculty Advisor Details

- Name of the Faculty Advisor : K. Purushothaman
- Designation: AP Department: Mech

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

360° Welding Cutting Rotary turn table welding position

ii. Date of Allotment of the Task:

1/3/22

iii. Date of Completion of the

30/3/22

Task:

IV. Certificate for Successful Completion of Task

This is to certify that Mr. Ms. R. Surender, a bonafide student of M-Tech - MFT
 (Reg. No. 2001MT18102) who has been allotted a Research Related Task "360° welding
Cutter rotary turn table welding positioner" on
1/3/22 has successfully completed the above mentioned task on 30/3/22 to my satisfaction and has
 submitted all task completion related records to me.

Date: 30/3/22
HOD
 Department of Mechanical Engineering
 Ponnaiyah Ramajayam Institute of
 Science & Technology
 (Institution Deemed to be University
 U/s 3 of the UEA, Act 1956)
 THANJAVUR - 613 403, TAMILNADU.

[Signature]
HOD

[Signature]
 Signature of the Faculty Advisor
DEAN
 School of Engineering and Tech.
 Ponnaiyah Ramajayam Institute of
 Science and Technology (PRIST)
 Deemed to be University
 Vallam, Thanjavur - 613 403

**DESIGN AND FABRICATION OF ELECTRICAL STEERING
SYSTEM IN FOUR WHEEL DRIVE**

Submitted as partial fulfillment of the requirements for the award of the Degree
of Master of Technology in Manufacturing Technology

Submitted By

STANY.K 2001MT18101

Under the Guidance of

Dr.V.YALINI



SCHOOL OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING
VALLAM THANJAVUR – 613403

MAY-2022

PNEUMATIC METAL SHEET BENDING MACHINE

Submitted as partial fulfillment of the requirements for the award of the Degree

of Master of Technology in Manufacturing Technology

Submitted By

VENGATESH.M

2001MT18106

Under the Guidance of

Mr. S.V.SRIDHAR



SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING

VALLAM THANJAVUR – 613403

MAY-2022

CONVERSION OF SALT WATER INTO DRINKING WATER

Submitted as partial fulfillment of the requirements for the award of the Degree
of Master of Technology in Manufacturing Technology

Submitted By

SANTHOSH.R 2001MT18122

Under the Guidance of

Mr. R.BASKARAN



**SCHOOL OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING
VALLAM THANJAVUR – 613403**

MAY -2022

DESIGN AND FABRICATION OF MULTI CHAMBER FLOW SPLITTING MUFFLER

Submitted as partial fulfillment of the requirements for the award of the Degree
of Master of Technology in Manufacturing Technology

Submitted By

SUDHAKAR JEGAN.P

2001MT18123

Under the Guidance of

Mr. J.SELVAMANI



SCHOOL OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING

VALLAM THANJAVUR – 613403

MAY -2022



PRIST
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UNIVERSITY
NAAC ACCREDITED
THANJAVUR - 613 403 - TAMIL NADU


School Of Engineering And Technology
Department of ECE
Academic Year -2021-22

1.3.3 Percentage of Programs that have components of Participation in Bounded Research

| S.No | Student Name | Program Name | Register Number |
|------|--------------------|-----------------|-----------------|
| 1. | SELVAPATHY P. | B.TECH (ECE) FT | 1901EC1001 |
| 2. | KARAN PANDIYAN | B.TECH (ECE) FT | 1901EC1002 |
| 3. | S. ISWATHYA | B.TECH (ECE) FT | 1901EC1003 |
| 4. | M. R. VIJAYAR | B.TECH (ECE) FT | 1901EC1004 |
| 5. | P. GOVIND KRISHNAN | B.TECH (ECE) FT | 1901EC1005 |
| 6. | M. E. M. RAMEEZ | B.TECH (ECE) FT | 1901EC1006 |
| 7. | ARUN K. | B.TECH (ECE) FT | 1901EC1007 |
| 8. | SUDHAKARAN.P | B.TECH (ECE) FT | 1901EC1008 |
| 9. | VISWANATHAN.M | B.TECH (ECE) FT | 1901EC1009 |
| 10. | MURUGANANDHAM.K | B.TECH (ECE) FT | 1901EC1010 |
| 11. | KARTHIK | B.TECH (ECE) FT | 1901EC1011 |

DEAN
School of Engineering and Tech.
Ponnaiyah Ramalayam Institute of
Science and Technology (PRIST)
Deemed to be University
Vallam, Thanjavur-613 403.

Head of the Department
Department of Electronics and
Communication Engineering
Ponnaiyah Ramalayam Institute of
Science and Technology (PRIST)
(Institution Deemed to be University)
(17's 3 of the UGC Act, 1956)
THANJAVUR - 613 403, TAMIL NADU.

| | | | |
|-----|--------------------------------------------------------------------------------------------------------------|-----------------|------------|
| 12. | LOGESH | B.TECH (ECE) FT | 1901EC1012 |
| 13. | DEVA BHARSHINI.L | B.TECH (ECE) FT | 1901EC1013 |
| 14. | ASHOK KUMAR.R | B.TECH (ECE) FT | 1901EC1014 |
| 15. | BHUVANESH.K | B.TECH (ECE) FT | 1901EC1015 |
| 16. | VIJAY.D | B.TECH (ECE) FT | 1901EC1016 |
| 17. | PRAGATHI SH.T | B.TECH (ECE) FT | 1901EC1017 |
| 18. | BADRI S.H.M | B.TECH (ECE) FT | 1901EC1018 |
| 19. | SINDHU.M | B.TECH (ECE) FT | 1901EC1019 |
| 20. | SNEHA | B.TECH (ECE) FT | 1901EC1020 |
| 21. | MITHUN KRISHNA.P | B.TECH (ECE) FT | 1901EC1021 |
| 22. | GOVIND KANKAR.P | B.TECH (ECE) FT | 1901EC1022 |
| 23. | SRILAKSHMI.L | B.TECH (ECE) FT | 1901EC1023 |
| 24. | ALEXA | B.TECH (ECE) FT | 1901EC1024 |
| 25. | SARVESH | B.TECH (ECE) FT | 1901EC1025 |
| 26. | ZEENATH REGUM.M | B.TECH (ECE) FT | 1901EC1026 |
| 27. | RETHA KUMAR.V  DEAN | B.TECH (ECE) FT | 1901EC1027 |

School of Engineering and Tech.
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Science and Technology (PRIST)
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Vallam, Thanjavur-613 403.

Head of the Department
Department of Electronics and
Communication Engineering
Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST)
Institution Deemed to be University
115 B of the UGC Act, 1956
THANJAVUR - 613 403, TAMIL NADU.

| | | | |
|-----|--------------------|-----------------|------------|
| 28. | VENKATRAM S | B.TECH (ECE) FT | 1901EC1028 |
| 29. | ASWINI | B.TECH (ECE) FT | 1901EC1029 |
| 30. | SIVALINGAM T | B.TECH (ECE) FT | 1901EC1030 |
| 31. | ANBUDHAN K | B.TECH (ECE) FT | 1901EC1031 |
| 32. | JANANI | B.TECH (ECE) FT | 1901EC1032 |
| 33. | ROBERT M DRICK S | B.TECH (ECE) FT | 1901EC1033 |
| 34. | RUBEN M UVEL D | B.TECH (ECE) FT | 1901EC1034 |
| 35. | RAJAN | B.TECH (ECE) FT | 1901EC1035 |
| 36. | DICKINSON ABHU A | B.TECH (ECE) FT | 1901EC1036 |
| 37. | ARUN K R ESH M K | B.TECH (ECE) FT | 1901EC1037 |
| 38. | JENI | B.TECH (ECE) FT | 1901EC1038 |
| 39. | VELLAGANMIY S | B.TECH (ECE) FT | 1901EC1039 |
| 40. | JUBAN K SULTHANA J | B.TECH (ECE) FT | 1901EC1040 |
| 41. | ANBUDHAN SAN G | B.TECH (ECE) FT | 1901EC1041 |
| 42. | PARVATHI | B.TECH (ECE) FT | 1901EC1042 |
| 43. | RAJAN KATHYS | B.TECH (ECE) FT | 1901EC1043 |

Smitha
 Ponnaiyah Ramajayam Institute of
 Science & Technology (PRIST)
 Deemed to be University
 Vandalur, Manjavar-612 002, Tamil Nadu.

[Signature]
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 School of Engineering and Tech
 Ponnaiyah Ramajayam Institute of
 Science and Technology (PRIST)
 Deemed to be University
 Vandalur, Manjavar-612 002.

| | | | |
|-----|----------------|-----------------|------------|
| 44. | SRINIVASAN T | B.TECH (ECE) FT | 1901EC1044 |
| 45. | RAMYA R | B.TECH (ECE) FT | 1901EC1045 |
| 46. | ROHINI Y | B.TECH (ECE) FT | 1901EC1046 |
| 47. | JAGANATHAN H | B.TECH (ECE) FT | 1901EC1047 |
| 48. | MUTHUKON A | B.TECH (ECE) FT | 1901EC1048 |
| 49. | NAGESHWARI E | B.TECH (ECE) FT | 1901EC1049 |
| 50. | BHUVANA M | B.TECH (ECE) FT | 1901EC1050 |
| 51. | SHEELA R | B.TECH (ECE) FT | 1901EC1051 |
| 52. | JAFFER SADIQ M | B.TECH (ECE) FT | 1901EC1052 |
| 53. | A.ANGEL | M.TECH (COS) FT | 2101CO2001 |
| 54. | L.MATHEW | M.TECH (COS) FT | 2101CO2002 |
| 55. | S.MAHESHWARI | M.TECH (COS) FT | 2101CO2003 |
| 56. | J.MEENA | M.TECH (COS) FT | 2101CO2004 |
| 57. | D.JENIS | M.TECH (COS) FT | 2101CO2005 |
| 58. | C.HENTRY | M.TECH (COS) FT | 2101CO2006 |
| 59. | A.SHEEBA | M.TECH (COS) FT | 2101CO2007 |

Amritha
 Ponnaiyah Ramajayam Institute of
 Science and Technology (PRIST)
 Deemed to be University
 Uthiramerathi, Thanjavur - 613 004, Tamil Nadu.


[Signature]
DEAN
 School of Engineering and Tech.
 Ponnaiyah Ramajayam Institute of
 Science and Technology (PRIST)
 Deemed to be University
 Vallam, Thanjavur-613 003.

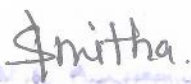
| | | | |
|-----|-----------------|-----------------|-------------|
| 60. | S.PRIYA | M.TECH (COS) FT | 2101CO2008 |
| 61. | S.KAMALI | M.TECH (COS) FT | 2101CO2009 |
| 62. | SIVANESH T | M.TECH (COS) FT | 2101CO2010 |
| 63. | KARTHI S | M.TECH (COS) FT | 2101CO2011 |
| 64. | SIVA S | M.TECH (COS) FT | 2101CO2012 |
| 65. | GUNASUNDHAR S | M.TECH (COS) FT | 2101CO2013 |
| 66. | ELANGO VAN V | M.TECH (COS) FT | 2101CO2014 |
| 67. | TAMILARASAN S | M.TECH (COS) FT | 2101CO2015 |
| 68. | MUTHUKUMAR K | M.TECH (COS) FT | 2101CO2016 |
| 69. | B.VISWA | M.TECH (COS) FT | 2101CO2017 |
| 70. | SUGUMAR G | M.TECH (COS) FT | 2101CO2018 |
| 71. | SABARI Y | M.TECH (COS) FT | 2101CO2019 |
| 72. | HAREESWAR K | M.TECH (COS) FT | 2101CO2020 |
| 73. | BRAGADHAMBAL K | M.TECH (COS) FT | 2101CO2021 |
| 74. | YAJESH KANNATHA | M.TECH (COS) FT | 2101CO2022 |
| 75. | S.GUNAL | M.TECH (COS) PT | 2101CO28001 |

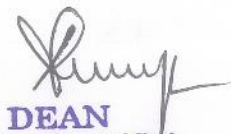
Dean of the Department
of Electrical and
Electronics Engineering
Ponnaiyah Ramajayam Institute of
Science and Technology (PRIST)
(Institution chartered to be University)
115 B at the Old, 401, 100m
Thanjavur - 613 002, Tamil Nadu.

DEAN
School of Engineering and Tech.
Ponnaiyah Ramajayam Institute of
Science and Technology (PRIST)
Deemed to be University
Vallam, Thanjavur - 613 403.

| | | | |
|-----|----------|-----------------|-------------|
| 92. | MAYURI L | M.TECH (COS) PT | 2101CO28018 |
|-----|----------|-----------------|-------------|


 HOD/ECE
 Department of Electronics and
 Communication Engineering
 Ponnaiyah Ramajayam Institute of
 Science & Technology (PRIST)
 Deemed to be University
 Affiliated to the UGC Act, 1956
 VANIAM, THANJAVUR - 613 405, TAMIL NADU.


 Department of Electronics and
 Communication Engineering
 Ponnaiyah Ramajayam Institute of
 Science & Technology (PRIST)
 Deemed to be University
 Affiliated to the UGC Act, 1956
 VANIAM, THANJAVUR - 613 405, TAMIL NADU.


 DEAN
 School of Engineering and Tech.
 Ponnaiyah Ramajayam Institute of
 Science and Technology (PRIST)
 Deemed to be University
 VANIAM, THANJAVUR - 613 405, TAMIL NADU.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : SELVABHARATHY. P
- Register No. : 1901EC1001
- Programme & Branch : B. TECH Batch: ~~19-23~~ Semester: III + V
2019-2023

II. Faculty Advisor Details

- Name of the Faculty Advisor : A. Aarthi
- Designation: AP Department: ECE

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

Generally this involves finding a new way around a given problem, such as finding a better algorithm or techniques.

ii. Date of Allotment of the Task:

June 15, 21

iii. Due Date Proposed for Completion of Task:

June 30, 21

P. Selvaraj
Signature of the Student
DEAN
School of Engineering and Tech.
Ponnaiyah Ramajayam Institute of
Science and Technology (PRIST)
Deemed to be University
Vellam, Thanjavur-613 013.

Head of the Department
Dr. A. Aarthi
Signature of the Faculty Advisor
Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST)
(Institution deemed to be University
by UGC Act, 1956)
THANJAVUR - 613 013, TAMIL NADU.

Date: June 5, 2021

A. Aarthi
30



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : P. Selvabharathy.
- Register No. : 1901EC1001
- Programme & Branch : B.Tech Batch: Semester: III
2019-2023

II. Faculty Advisor Details

- Name of the Faculty Advisor : A. Aarthi
- Designation: Ap Department: ECE

III. Details of the Task Undertaken:

i. Details of the Task:

changing better algorithm or techniques

ii. Date of Allotment of the Task:

June 5, 2021

iii. Date of Completion of the

June 30, 21

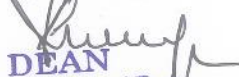
Task:


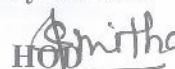
IV. Declaration of the Student

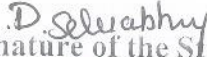
I, selvabharathy.p, a student of ECE Programme (Reg.No. 1901EC1001), hereby declare that I have completed the Research Related Task " to project a three dimensional image in to a planar surface "

upto the satisfaction of my Advisor and have submitted all related records to him on 30/6/21. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 30.5.2021


DEAN
 School of Engineering and Tech,
 Ponnaiyah Ramajayam Institute of
 Science and Technology (PRIST)
 Deemed to be University
 Vallam, Thanjavur-613 403.


Faculty Advisor

HOD


Signature of the Student
 Head Of the Department
 Department Of Electronics and
 Communication Engineering
 Ponnaiyah Ramajayam Institute of
 Science & Technology (PRIST)
 (Institution Deemed to be University,
 11's 3 of the UGC Act 1956)
 THANJAVUR - 613 403, TAMIL NADU.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : P. Selvabharathy
- Register No. : 1901EC1001
- Programme & Branch : B. Tech / ECE Batch: _____ Semester: III
2022-2023

II. Faculty Advisor Details

- Name of the Faculty Advisor : A. Aarthi
- Designation: AP Department: ECE

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

changing a better algorithm or techniques

ii. Date of Allotment of the Task:

June 5, 2021

iii. Date of Completion of the Task:

June 30, 2021

Task: _____

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. P. Selvabharathy bonafide student of ECE - B.TECH

(Reg.No. 1901EC1001) who has been allotted a Research Related Task " To Project

a three dimensional image in to a planar surface "on

June 5, 21 ~~has been successfully completed~~ and has ~~submitted all task completion records to me.~~ June 30, 21 to my satisfaction and has

submitted all task completion records to me.
Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)
Deemed to be University
Vallam, Thanjavur - 613 403.

Aarthi
Signature of the Faculty Advisor

Date: 30/5/21



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : A. Angel.
- Register No. : 2101CO2001
- Programme & Branch : M.TECH/CS Batch: Semester: II
21-22

II. Faculty Advisor Details

- Name of the Faculty Advisor : P. Geetha.
- Designation: AP Department: ECE / CS

III. Details of Research Related Task Allotted:

- i. Description of Research Related Task:

Automation in any public usage
Sector

- ii. Date of Allotment of the Task: 1/6/21

- iii. Due Date Proposed for Completion of Task: 30/6/21

Signature of the Student

DEAN
School of Engineering and Tech,
Ponnaiyah Ramajayam Institute of
Science and Technology (PRIST)
Deemed to be University
Vaiiam, Thanjavur-613 013.

Signature of the Faculty Advisor

1/6/21



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : A. Angel.
Register No. : 210102001
Programme & Branch : M.TECH/CS Batch: 21-22 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : P. Greetha
Designation: AP Department: ECE/CS

III. Details of the Task Undertaken:

i. Details of the Task:

Automation in any public sectors.

- ii. Date of Allotment of the Task: 11/6/21
iii. Date of Completion of the Task: 30/6/21

IV. Declaration of the Student

I, A. Angel, a student of CS/M.TECH Programme (Reg.No. 210102001), hereby declare that I have completed the Research Related Task "Automation in water board"

upto the satisfaction of my Advisor and have submitted all related records to him on 30/6/21. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 30/6/21

Signature of the Student

DEAN School of Engineering and Tech. Ponnaiyah Ramajayam Institute of Science and Technology (PRIST) Deemed to be University Vailam, Thanjavur-613 403.

Faculty Advisor P. Greetha HOD/CS Department of Electronics and Communication Engineering Ponnaiyah Ramajayam Institute of Science & Technology (PRIST) (Institution Deemed to be University 3 of the UGC Act.1956) THANJAVUR - 613 403, TAMIL NADU.

DEAN School of Engineering and Tech. Ponnaiyah Ramajayam Institute of Science and Technology (PRIST) Deemed to be University Vailam, Thanjavur-613 403.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : A. Angel
- Register No. : 2101CO2001
- Programme & Branch : M.TECH/CS Batch: 21-23 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : P. Geetha
- Designation: Ap Department: CS/ECE

III. Details of Research Related Task

i. Details of the Task Allotment

Automation in any public sectors

ii. Date of Allotment of the Task:

1/6/21

iii. Date of Completion of the Task:

30/6/21

Task: _____

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. A. Angel a bonafide student of Communication System
 (Reg.No. 2101CO2001) who has been allotted a research Related Task "Automation
in water board" "on

1/6/21, has successfully completed the above mentioned task on 30/6/21 to my satisfaction and has

submitted all task completion reports to me.

Date: 30/6/21

DEAN

P. Geetha
 Signature of the Faculty Advisor
 School of Engineering and Tech
 Ponnaiyah Ramajayam Institute of
 Science and Technology (PRIST)
 Deemed to be University
 Vaitam, Thanjavur-612 022.



PRIST
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UNIVERSITY
NAAC ACCREDITED
THANJAVUR - 613 403 - TAMILNADU

School Of Engineering And Technology
Department of ECE
Academic Year -2021-22

1.3.3 Percentage of Programs that have components of Participation in Design Socio - Technical Project

| S.No | Student Name | Program Name | Register Number |
|------|--------------------|-----------------|-----------------|
| 1. | SELVABHARATHY P. | B.TECH (ECE) FT | 1901EC1001 |
| 2. | KARAN PANDIYAN | B.TECH (ECE) FT | 1901EC1002 |
| 3. | S. ISWARIYA | B.TECH (ECE) FT | 1901EC1003 |
| 4. | M. RAJ KUMAR | B.TECH (ECE) FT | 1901EC1004 |
| 5. | P. GOKULA KRISHNAN | B.TECH (ECE) FT | 1901EC1005 |
| 6. | M. F. AHMED RAMEEZ | B.TECH (ECE) FT | 1901EC1006 |
| 7. | ARUN M. | B.TECH (ECE) FT | 1901EC1007 |
| 8. | SUDHARSAN.P | B.TECH (ECE) FT | 1901EC1008 |
| 9. | VISWANATHAN.M | B.TECH (ECE) FT | 1901EC1009 |
| 10. | SIMLRUGANANDHAM.K | B.TECH (ECE) FT | 1901EC1010 |
| | | B.TECH (ECE) FT | 1901EC1011 |

Head of the Department
Department Of Electronics and
Communication Engineering
Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST)
(Institution Deemed to be University
U/s 3 of the UGC Act 1956)
THANJAVUR - 613 403, TAMIL NADU.

DEAN
School of Engineering and Tech.
Ponnaiyah Ramajayam Institute of
Science and Technology (PRIST)
Deemed to be University
Vallam, Thanjavur-613 403.


| | | | |
|-----|-------------------------------------------|-----------------|------------|
| 12. | LOGESH.J | B.TECH (ECE) FT | 1901EC1012 |
| 13. | DEVA DHARSHINI.L | B.TECH (ECE) FT | 1901EC1013 |
| 14. | ASHOK KUMAR.R | B.TECH (ECE) FT | 1901EC1014 |
| 15. | BHUVANESH.K | B.TECH (ECE) FT | 1901EC1015 |
| 16. | VIJAY.D | B.TECH (ECE) FT | 1901EC1016 |
| 17. | PRAGADEESH.T | B.TECH (ECE) FT | 1901EC1017 |
| 18. | BADRINATH.M | B.TECH (ECE) FT | 1901EC1018 |
| 19. | SINDHUJA.J | B.TECH (ECE) FT | 1901EC1019 |
| 20. | SNEKA.M | B.TECH (ECE) FT | 1901EC1020 |
| 21. | MITHUN KRISHNA.P | B.TECH (ECE) FT | 1901EC1021 |
| 22. | GOWRI SANKAR.P | B.TECH (ECE) FT | 1901EC1022 |
| 23. | SRILAKSHMI.L | B.TECH (ECE) FT | 1901EC1023 |
| 24. | ALEX.T | B.TECH (ECE) FT | 1901EC1024 |
| 25. | SARVESH.E | B.TECH (ECE) FT | 1901EC1025 |
| 26. | ZEENATH BEGUM.M | B.TECH (ECE) FT | 1901EC1026 |
| | RETHINA KUMAR.V Head of the Department | B.TECH (ECE) FT | 1901EC1027 |

Head of the Department
Department Of Electronics and
Communication Engineering
Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST)
(Institution Deemed to be University
under Section 3 of the UGC Act.1956)
THANJAVUR - 613 403, TAMIL NADU.

DEAN
School of Engineering and Tech.
Ponnaiyah Ramajayam Institute of
Science and Technology (PRIST)
Deemed to be University
Vallam, Thanjavur-613 403.

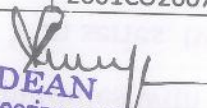
| | | | |
|-----|---------------------|-----------------|------------|
| 28. | VENKATESH.S | B.TECH (ECE) FT | 1901EC1028 |
| 29. | ASWIN.J | B.TECH (ECE) FT | 1901EC1029 |
| 30. | SIVALINGAM.T | B.TECH (ECE) FT | 1901EC1030 |
| 31. | ANBUELVI.K | B.TECH (ECE) FT | 1901EC1031 |
| 32. | JANANI.C | B.TECH (ECE) FT | 1901EC1032 |
| 33. | ROBERT FREDRICK S | B.TECH (ECE) FT | 1901EC1033 |
| 34. | RUBAN SAMUVEL D | B.TECH (ECE) FT | 1901EC1034 |
| 35. | RAJADURAI | B.TECH (ECE) FT | 1901EC1035 |
| 36. | DICKSON PRABHU A | B.TECH (ECE) FT | 1901EC1036 |
| 37. | ARUL GANUESH M K | B.TECH (ECE) FT | 1901EC1037 |
| 38. | JENITH V | B.TECH (ECE) FT | 1901EC1038 |
| 39. | VELLACHAMIY S | B.TECH (ECE) FT | 1901EC1039 |
| 40. | JUBAITHA SULTHANA J | B.TECH (ECE) FT | 1901EC1040 |
| 41. | ANBUKARASAN G | B.TECH (ECE) FT | 1901EC1041 |
| 42. | PARVEEN T | B.TECH (ECE) FT | 1901EC1042 |
| 43. | ANANAPATHY S | B.TECH (ECE) FT | 1901EC1043 |


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|-----|----------------|-----------------|------------|
| 44. | SRINIVASAN T | B.TECH (ECE) FT | 1901EC1044 |
| 45. | RAMYA R | B.TECH (ECE) FT | 1901EC1045 |
| 46. | ROHINI Y | B.TECH (ECE) FT | 1901EC1046 |
| 47. | JAGANATHAN H | B.TECH (ECE) FT | 1901EC1047 |
| 48. | MUTHUKON A | B.TECH (ECE) FT | 1901EC1048 |
| 49. | NAGESHWARI E | B.TECH (ECE) FT | 1901EC1049 |
| 50. | BHUVANA M | B.TECH (ECE) FT | 1901EC1050 |
| 51. | SHEELA R | B.TECH (ECE) FT | 1901EC1051 |
| 52. | JAFFER SADIQ M | B.TECH (ECE) FT | 1901EC1052 |
| 53. | S. KARTHIK | M.TECH (COS) FT | 2001CO2001 |
| 54. | VISWANATHAN G. | M.TECH (COS) FT | 2001CO2002 |
| 55. | VINOTH D. | M.TECH (COS) FT | 2001CO2003 |
| 56. | MANIKUMAR T. | M.TECH (COS) FT | 2001CO2004 |
| 57. | S. NANDINI | M.TECH (COS) FT | 2001CO2005 |
| 58. | BAVADHARINI P. | M.TECH (COS) FT | 2001CO2006 |
| 59. | PUSHPA MARY A. | M.TECH (COS) FT | 2001CO2007 |

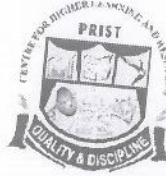
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| | | | |
|-----|--------------------|-----------------|-------------|
| 60. | SHANTHINI K. | M.TECH (COS) FT | 2001CO2008 |
| 61. | S. NIRMALA | M.TECH (COS) FT | 2001CO2009 |
| 62. | MATHIVATHINI L. | M.TECH (COS) FT | 2001CO20010 |
| 63. | RAJA K. | M.TECH (COS) FT | 2001CO20011 |
| 64. | T. UMADEVI | M.TECH (COS) FT | 2001CO20012 |
| 65. | VISHAKAN K. | M.TECH (COS) FT | 2001CO20013 |
| 66. | DIVYADHARSHINI R. | M.TECH (COS) FT | 2001CO20014 |
| 67. | SARANYA U. | M.TECH (COS) FT | 2001CO20015 |
| 68. | SOWLI T. | M.TECH (COS) FT | 2001CO20016 |
| 69. | SAARO K. | M.TECH (COS) FT | 2001CO20017 |
| 70. | ESTHER MARY D. | M.TECH (COS) FT | 2001CO20018 |
| 71. | RAJAKUMAR S | M.TECH (COS) FT | 2001CO20019 |
| 72. | SUGANESH H | M.TECH (COS) FT | 2001CO20020 |
| 73. | MARIYAM SULTHANA F | M.TECH (COS) FT | 2001CO20021 |
| 74. | VINOETHA D. | M.TECH (COS) FT | 2001CO20022 |


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Department of ECE

1.3.3 Percentage of Programs that have components of Research project

| S.No | Student Name | Program Name | Register Number | Title Of Project |
|------|----------------|-----------------|-----------------|----------------------------------------------------------------------------------------------------------------------------|
| 1. | S. KARTHIK | M.TECH (COS) FT | 2001CO2001 | 3D APA-Net 3D Adversarial Pyramid Anisotropic Convolutional Network for Prostate Segmentation in MR Images |
| 2. | VISWANATHAN G. | M.TECH (COS) FT | 2001CO2002 | Deep Networks Reconstruction of 3D Neurons in a Tangled Neuronal Image |
| 3. | VINOTH D. | M.TECH (COS) FT | 2001CO2003 | When Group Sparsity Meets Rank Minimization, a Sparse Coding Benchmark |
| 4. | MANIKUMAR T. | M.TECH (COS) FT | 2001CO2004 | A Framework for Image Enhancement in Low Visibility Conditions Inspired by Biological Vision |
| 5. | S. NANDINI | M.TECH (COS) FT | 2001CO2005 | A Data-Driven Multiscale Model for Spectral Variability in Hyperspectral Unmixing |
| 6. | BAVADHARINI P. | M.TECH (COS) FT | 2001CO2006 | With Incomplete Data, a Deep Learning Reconstruction Framework for Differential Phase-Contrast Computed Tomography |
| 7. | PUSHPA MARY A. | M.TECH (COS) FT | 2001CO2007 | A Reversible Color to Grayscale Conversion Framework with Watermarking |
| | SHANTHINI K. | M.TECH (COS) FT | 2001CO2008 | Affine Invariant Feature Matching Using a Grassmannian Graph |
| | S. NIRMALA | M.TECH (COS) FT | 2001CO2009 | A Disentangler for Cross-Domain Image Manipulation and Classification based on Multi-Domain and Multi-Modal Representation |

Smitha

Shanthi
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| | | | | |
|-----|--------------------|-----------------|-------------|-----------------------------------------------------------------------------------------------------------------|
| 10. | MATHIVATHINI L. | M.TECH (COS) FT | 2001CO20010 | A Nucleus Segmentation Challenge for Multiple Organs |
| 11. | RAJA K. | M.TECH (COS) FT | 2001CO20011 | Aerial Scene Classification with a Multiple-Instance Densely-Connected ConvNet |
| 12. | T. UMADEVI | M.TECH (COS) FT | 2001CO20012 | Multiple Description Image Coding Using Polyphase Down-Sampling |
| 13. | VISHAKAN K. | M.TECH (COS) FT | 2001CO20013 | Based on Sparse Coding, a Novel Key-Point Detector |
| 14. | DIVYADHARSHINI R. | M.TECH (COS) FT | 2001CO20014 | A Novel Fractional-Order Variational Model for Images with Extremely Low Light Based on Retinex |
| 15. | SARANYA U. | M.TECH (COS) FT | 2001CO20015 | A Robust Image Segmentation Model with Spatially Constrained Probabilistic Constraints |
| 16. | SOWLI T. | M.TECH (COS) FT | 2001CO20016 | A Multi-Scale Spatio-Temporal Binary Descriptor |
| 17. | SAARO K. | M.TECH (COS) FT | 2001CO20017 | Estimating Smoke Density with a Wave-Shaped Deep Neural Network |
| 18. | ESTHER MARY D. | M.TECH (COS) FT | 2001CO20018 | Convergence of Non-Cartesian MRI Reconstructions is being accelerated. Preconditioning with k-Space |
| 19. | RAJAKUMAR S | M.TECH (COS) FT | 2001CO20019 | Removing Haze and Noise from a Single Image Using Accurate Transmission Estimation |
| 20. | SUGANESH H | M.TECH (COS) FT | 2001CO20020 | Automated Spatial Vessel Wall Inhomogeneity Detection in Phantoms and in-Vivo Using Adaptive Pulse Wave Imaging |
| 21. | MARIYAM SULTHANA F | M.TECH (COS) FT | 2001CO20021 | Parametric Image Registration with All Passes |
| 22. | <i>Smitha</i> | M.TECH (COS) FT | 2001CO20022 | Based on Edge Proportion Statistics, An Adaptive and Robust Edge Detection Method |

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|-----|---------------------|-----------------|------------|-------------------------------------------------------------------------------------------------------------|
| 23. | MAHARAJA M. | M.TECH (COS) PT | 1901CO2801 | Beyond the Benchmark Dataset for Underwater Image Enhancement |
| 24. | SENTHIL K | M.TECH (COS) PT | 1901CO2802 | Filtering with anisotropic guidance |
| 25. | VIGNESH R | M.TECH (COS) PT | 1901CO2803 | Automatic Cataract Classification with Discrete State Transitions Using Deep Neural Networks |
| 26. | MARYPRABHA K. | M.TECH (COS) PT | 1901CO2804 | Occlusion-Resilient Depth Perception and Binocular Light-Field Imaging Theory |
| 27. | SUGANYA T. | M.TECH (COS) PT | 1901CO2805 | Multispectral and Multimodal Image Registration with Improved Structure Consistency |
| 28. | SHOBANA H. | M.TECH (COS) PT | 1901CO2806 | The CANet Cross-Disease Attention Network for Diabetic Macular Edema Grading and Joint Diabetic Retinopathy |
| 29. | SUSHEELA P. | M.TECH (COS) PT | 1901CO2807 | Synthesis of a Cascaded Face Sketch in Various Illuminations |
| 30. | OVIYA K. | M.TECH (COS) PT | 1901CO2808 | Multi-Instance Learning and the Extreme Value Theorem are used to classify volumetric images. |
| 31. | KALACHELVI D. | M.TECH (COS) PT | 1901CO2809 | Partial Orthogonal Circulant Sensing Matrix for Compressive Color Pattern Detection |
| 32. | JAYARAM GANESH S. | M.TECH (COS) PT | 1901CO2810 | Single Image De-Raining Using Confidence Measures |
| 33. | AADHITYAA L. | M.TECH (COS) PT | 1901CO2811 | Deep Coupled ISTA Network for Multi-Modal Image Super-Resolution |
| 34. | RAVIKISHORE S. | M.TECH (COS) PT | 1901CO2812 | Fast Multi-Exposure Image Fusion Using Deep Guided Learning |
| 35. | SUMANGALI V. | M.TECH (COS) PT | 1901CO2813 | Picture-Wise Just Noticeable Distortion Prediction Model for Image Compression Based on Deep Learning |
| 36. | ANBU JESSIMARIYA A. | M.TECH (COS) PT | 1901CO2814 | Patio-Structural Priors for Deep MR Brain Image Super-Resolution |
| 37. | NAKULANT | M.TECH (COS) PT | 1901CO2815 | Automated Retinal Layer Segmentation in Optical Coherence Tomography Images Using Deep |

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| | | | | |
|-----|-------------------|-----------------|------------|-------------------------------------------------------------------------------------------|
| | | | | Neural Network Regression |
| 38. | THIYAGASANKARI M. | M.TECH (COS) PT | 1901CO2816 | Radiologists' performance in breast cancer screening is improved by deep neural networks. |

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Ramya
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 Science and Technology (PRIST)
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 Vallam, Thanjavur-613 403.

**WHEN GROUP SPARSITY MEETS RANK MINIMIZATION, A SPARSE CODING
BENCHMARK**

Submitted as partial fulfillment of the requirements for the award of the degree of Master
(communication systems) in Electronics and Communication Engineering

PHASE II PROJECT REPORT

Submitted By

VINOTH D. (Register No: 2001CO2003)

Under the Guidance of

Dr. Dr. S. Devi, PhD.,

Department of ECE



FACULTY OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PRIST UNIVERSITY

THANJAVUR – 613 403.

MAY - 2022

**DEEP NETWORKS RECONSTRUCTION OF 3D NEURONS IN A TANGLED NEURONAL
IMAGE**

Submitted as partial fulfillment of the requirements for the award of the degree of Master
(communication systems) in Electronics and Communication Engineering

PHASE II PROJECT REPORT

Submitted By

VISWANATHAN G. (Register No: 2001CO2002)

Under the Guidance of

Dr. A. Rijuvana begum, PhD.,

Department of ECE



FACULTY OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PRIST UNIVERSITY

THANJAVUR – 613 403.

MAY - 2022

**3D APA-NET 3D ADVERSARIAL PYRAMID ANISOTROPIC CONVOLUTIONAL NETWORK
FOR PROSTATE SEGMENTATION IN MR IMAGES**

Submitted as partial fulfillment of the requirements for the award of the degree of Master
(communication systems) in Electronics and Communication Engineering

PHASE II PROJECT REPORT

Submitted By

S. KARTHIK (Register No: 2001CO2001)

Under the Guidance of

Dr. S. Devi, PhD.,

Department of ECE



FACULTY OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PRIST UNIVERSITY

THANJAVUR – 613 403.

MAY - 2022

**MONTHLY ELECTRICITY BILLING WITH BILL SMS USING PIC
DESIGN/SOCIO-TECHNIAL PROJECT**

Submitted By

M. RAJ KUMAR (Register No: 1901EC1004)
P. GOKULA KRISHNAN (Register No: 1901EC1005)
M. F. AHMED RAMEEZ (Register No: 1901EC1006)

Under the Guidance of

Mrs. E.Priyadharshini, M.E.,
Assistant Professor
Department of ECE

In the partial fulfillment for the award of the degree of
Bachelor of Technology in Electronics and Communication Engineering



FACULTY OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
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THANJAVUR – 613 403.

DEC - 2021

**COMBUSTIBLE GAS DETECTION WITH GSM ALERT USING PIC
DESIGN/SOCIO-TECHNIAL PROJECT**

Submitted By

SELVABHARATHY P. (Register No: 1901EC1001)

KARAN PANDIYAN. (Register No: 1901EC1002)

S. ISWARIYA (Register No: 1901EC1003)

Under the Guidance of

Mrs. S. Lillypet, M.E.,

Department of ECE

In the partial fulfillment for the award of the degree of
Bachelor of Technology in Electronics and Communication Engineering



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
PRIST UNIVERSITY
THANJAVUR – 613 403.**

DEC - 2021

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**BUS & TRUCK DRUNK DRIVING ALERT USING PIC
DESIGN/SOCIO-TECHNIAL PROJECT**

Submitted By

S. KARTHIK (Register No: 2001CO2001)

VISWANATHAN G. (Register No: 2001CO2002)

VINOTH D. (Register No: 2001CO2003)

Under the Guidance of

Mr. S. Maheshwaran, M.E.,

Assistant Professor

Department of ECE

In the partial fulfillment for the award of the degree of

MASTER OF TECHNOLOGY IN COMMUNICATION SYSTEMS



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DEC - 2021



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SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

1.3.3 Research Projects

2021-2022

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1.3.3 List of students undertaking Research projects 2021-2022

| SNO | PROGRAM NAME | REGISTER NO | NAME OF THE STUDENT | RESEARCH PROJECT | TITLE OF THE PROJECT |
|-----|--------------|-------------|---------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | MTECH FT | 2001PS2001 | R.HARIHARAN | Research project | A Novel Single-Stage Buck-Boost Transformerless Inverter for 1- ϕ Grid-Connected Solar PV Systems |
| 2. | MTECH FT | 2001PS2002 | S.MOHAMMED YUSUF | Research project | Design and implementation of an improved power-electronic system for feeding loads of smart homes in remote areas using renewable energy source |
| 3. | MTECH FT | 2001PS2003 | T.MUGUNDHAN | Research project | Distributed Incremental Adaptive Filter Controlled Grid Interactive Residential Photovoltaic-Battery Based Microgrid for Rural Electrification |
| 4. | MTECH FT | 2001PS2004 | P.MURUGADROSS | Research project | Enhancement of voltage regulation using a 7-level inverter based electric spring with reduced number of switches |
| 5. | MTECH FT | 2001PS2005 | PASUPUREDDI PRAVE | Research project | Solar based Electric Vehicle Charging Circuit in Q2V and V2G modes of Operation |
| 6. | MTECH FT | 2001PS2006 | PRADYUMNA BEHERA | Research project | A Novel Single-Stage Buck-Boost Transformerless Inverter for 1- ϕ Grid-Connected Solar PV Systems |
| 7. | MTECH FT | 2001PS2201 | M.SARANYA | Research project | A low-voltage ride-through strategy using mixed potential function for three-phase grid-connected PV systems |
| 8. | MTECH FT | 2001PS2607 | M.THYAGARAJAN | Research project | A Two Stage AC-DC Converter for Speed Control of a DC Motor |
| 9. | MTECH FT | 2001PS2202 | M.CHITRA | Research project | Active Voltage Control for DFIG-based Wind Farm Integrated Power System by Coordinating Active and Reactive powers under Wind Speed Variations |
| | MTECH FT | 2001PS2008 | SYED SULTAN BEEV | Research project | Development of a Combined Control System to Improve the Performance of a PMSG Based Wind Energy Conversion System under Normal and Grid Fault Conditions |
| | MTECH FT | 2001PS2203 | TAMIL SELVI | Research project | Grid Interactive Solar PV Based of Engineering and Tech. Ponnaiyah Ramaiyamm Institute of Science and Technology (PRTS) Ponnaiyah Ramaiyamm Institute of Science and Technology (PRTS) Ponnaiyah Ramaiyamm Institute of Science and Technology (PRTS) |
| | MTECH FT | 2001PS2009 | K.ELAYARAJA | Research project | Modelling and Voltage Control of a Deregulated to be University of Vairam, Thanjavur, Tamil Nadu |

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P. Anuj
Head of the Department
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Institution Deemed to be University

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|--------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 13 | M.TECH FT | 2001PS2010 | R.KARTHIKEYAN | Research project | Performance Evaluation of Wind Energy Conversion Systems Employing Space Vector Controlled Doubly-Fed Induction Generators |
| 14 | M.TECH FT | 2001PS2011 | M.MANIVANNAN | Research project | Power Factor Correction of Three-Phase PWM AC Chopper Fed Induction Motor Drive System Using HIBC Technique |
| 15 | M.TECH FT | 2001PS2012 | T.MARIMUTHU | Research project | Reliability evaluation of MPPPT based interleaved boost converter for PV system |
| 16 | M.TECH FT | 2001PS2013 | G.V.PRABU | Research project | Vehicle-To-Grid Technologies in a Micro-grid Using DC-Link Charging Architect |
| 17 | M.TECH FT | 2001PS2014 | G.RAJARAMAN | Research project | A Comprehensive Strategy for Power Quality Improvement of Multi-Inverter-Based Microgrid with Mixed Loads |
| 18 | M.TECH FT | 2001PS2204 | SATHYA PRIYA P | Research project | A Power Electronic Traction Transformer Configuration with Low-Voltage IGBTs for Onboard Traction Application |
| 19 | M.TECH FT | 2001PS2015 | N.SHAKTHI SANTHOSH | Research project | Power Quality Improvement by Using UPQC: A Review |
| 20 | M.TECH FT | 2001PS2016 | M.SARAVANAVEL | Research project | Coordination of SMES, SFCL and Distributed Generation Units for Micro-Grid Stability Enhancement via Wireless Communications |
| 21 | M.TECH FT | 2001PS2017 | B.SRINIVASAN | Research project | High Efficiency Bridgeless Single-Power-Conversion Battery Charger for Light Electric Vehicles |
| 22 | M.TECH FT | 2001PS2018 | G.SURESH | Research project | Recursive Digital Filter Based Control for Power Quality Improvement of Grid Tied Solar PV System |
| 23 | M.TECH PT | 1901PS2801 | KESAVAN.P | Research project | Synchronization and Reactive Current Support of FMSG based Wind Farm during Severe Grid Fault |
| 24 | M.TECH PT | 1901PS2802 | VISNUM | Research project | A Highly Efficient and Reliable Inverter Configuration Based Cascaded Multilevel Inverter for PV Systems |
| 25 | M.TECH PT | 1901PS2803 | GOMATHI | Research project | A Medium-Frequency Transformer-Based Wind Energy Conversion System Used for Current-Source Converter-Based Offshore Wind Farm |
| 26 | M.TECH PT | 1901PS2804 | MENAKA.J | Research project | A New Single-Phase Switched-Coupled Photovoltaic Systems |
| 27 | M.TECH PT | 1901PS2805 | PRASANNA DEVI.R | Research project | A New-Coupled-Inductor Circuit Breaker for Applications |
| <p>Head of the Department Electrical and Electronics Engineering Ponnaiyah Ramaiyem Institute of Science & Technology 1901PS2806</p> | | | | | |
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|-------------|------------|--------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 29M TECH PT | 1901PS2807 | SIVAKUMAR | Research project | A Novel Structure for Single-Switch Nonisolated Transformerless Buck-Boost DC-DC Converter |
| 30M TECH PT | | | Research project | A Performance Investigation of a Four-Switch Three-Phase Inverter-Fed Converters |
| 31M TECH PT | 1901PS2808 | ARUL PRAKASHI .P | Research project | A Robust Backstepping High-Order Sliding Mode Control Strategy for Grid-Connected DG Units With Harmonic/Interharmonic Current Compensation Capability |
| 32M TECH PT | 1901PS2809 | DINESH EBINEZER .M | Research project | ACMC-based hybrid AC/LVDC micro-grid |
| 33M TECH PT | 1901PS2810 | THARMARATCHAGAN | Research project | An Induction Generator-Based AC/DC Hybrid Electric Power Generation System for More Electric Aircraft |
| 34M TECH PT | 1901PS2811 | R.YOGA BALAJI | Research project | Control strategy of switching regulators for fuel-cell power applications |
| 35M TECH PT | 1901PS2812 | C.CHITRA DEVI | Research project | Development of a Bidirectional DC/DC Converter with Dual-Battery Energy Storage for Hybrid Electric Vehicle System |
| 36M TECH PT | 1901PS2813 | K.DEVA SENNA | Research project | Dynamic Hysteresis Torque Band for Improving the Performance of Lookup-Table-Based DTC of Induction Machines |
| 37M TECH PT | 1901PS2814 | R.SINDHUJA | Research project | Effect of Electrical Vehicle Charging on Power Quality |
| 38M TECH PT | 1901PS2815 | VIKNESHIVARAN.M | Research project | Electric Spring for Voltage and Power Stability and Power Factor Correction |
| 39M TECH PT | 1901PS2816 | VINOTH.R | Research project | High-Efficiency Bridgeless Three-Level Power Factor Correction Rectifier |
| 40M TECH PT | 1901PS2817 | YUVASHREE.V | Research project | Hybrid Damping Controller for STATCOM to Enhance Power Quality in Multi-Machine System |
| | 1901PS2818 | ABDUL MOHASITHA | Research project | Improved pulse-width modulation scheme for Three-Level inverter |
| | 1901PS2819 | AHMED IBRAHIM.M | Research project | Improvement of Power Quality in the Distribution and Tied Placement of UPQC |
| | 1901PS2820 | GANESH A.V | Research project | Improvement of Power Quality |
| | 1901PS2821 | HARIHARAN.R | Research project | Power Filter |

Head of the Department

Electrical and Electronics Engineering

Ponnaiyah Ramalayam Institute of

Science and Technology (PRIST)

P. Aravind

P. Aravind

School of Engineering and Tech, Placement
Ponnaiyah Ramalayam Institute of
Science and Technology (PRIST)
Deemed to be University
Vallam, Thanjavur - 613 403

| | | | | |
|------------|------------|-----------|------------------|--------------------------------------------------------|
| 44MTECH FT | 1901PS2822 | GOWTHAM R | Research project | Intelligent grid interfaced solar water pumping system |
|------------|------------|-----------|------------------|--------------------------------------------------------|

Design / Socio Technical Project

| S.NO | PROGRAM NAME | REGISTRE RNO | NAME OF THE STUDENT | PROJECT | TITLE OF THE PROJECT |
|------|--------------|--------------|---------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| 1) | MTECH FT | 1901PS2001 | R.HARIHARAN | Design / Socio Technical Project | Modeling and Simulation of a Gearless Variable Speed Wind Turbine System with PMSG |
| 2) | MTECH FT | 1901PS2002 | S.MOHAMMED YUSUF | | |
| 3) | MTECH FT | 1901PS2003 | T.MUGUNDHAN | | |
| 4) | MTECH FT | 1901PS2004 | P.MURUGADROSS | | |
| 5) | MTECH FT | 1901PS2005 | PASUPUREDDI PRAVE | Design / Socio Technical Project | Photovoltaic Module-Integrated Stand-alone Single-Stage Switched Capacitor Inverter with Maximum Power Point Tracking |
| 6) | MTECH FT | 1901PS2006 | PRADYUMNA BEHERA | | |
| 7) | MTECH FT | 1901PS2007 | M.SARANYA | | |
| 8) | MTECH FT | 1901PS2008 | M.THYAGARAJAN | | |
| 9) | MTECH FT | 1901PS2009 | M.CHITRA | Design / Socio Technical Project | Reduced Ripple Current Three phase Parallel Loaded Resonant Converter for LED Lighting |
| 10) | MTECH FT | 1901PS2010 | SYED SUJTAN BEEV | Design / Socio Technical Project | |
| 11) | MTECH FT | 1901PS2011 | TAMILSELVI | | |
| 12) | MTECH FT | 1901PS2012 | K.ELAYARAJA | | |
| 13) | MTECH FT | 1901PS2013 | R.KARITHIJEYAN | Design / Socio Technical Project | Series C compensator Based on Cascaded Transformers Coupled With Three-Phase Bridge Converters |
| 14) | MTECH FT | 1901PS2014 | M.MANIVANNAN | | |
| 15) | MTECH FT | 1901PS2015 | T.MARJUTHI | Design / Socio Technical Project | Single-phase solar grid-interfaced system with linear combiner filter-based control scheme |
| 16) | MTECH FT | 1901PS2016 | G.V.PRABI | Design / Socio Technical Project | |
| 17) | MTECH FT | 1901PS2017 | G.RAJARAJAN | | |
| 18) | MTECH FT | 1901PS2018 | SATHIYA PRIYA P | | |
| 19) | MTECH FT | 1901PS2019 | N.SHAKTHI | | |
| 20) | MTECH FT | 1901PS2020 | SANTHOSHI | | |
| 21) | MTECH FT | 1901PS2021 | M.SAKAVANAVIL | Design / Socio Technical Project | Single-Stage Three-Phase Current Inverter High Voltage Transmittive |
| 22) | MTECH FT | 1901PS2022 | B.SRINIVASAN | | |

Head of the Department
Electrical and Electronics Engineering
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Science & Technology (PRIST)
Institution Deemed to be University
(Established by Act 1955)
Uththara Road, Madhavur, Thanjavur
Tamil Nadu - 613 021

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School of Engineering and Tech.
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Science and Technology (PRIST)
Deemed to be University
Vallam, Thanjavur - 613 403

| | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|---------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 22) | M.TECH FT | 2001PS2001 | G.SURESH | Participation in Bounded Research | . Modeling and Simulation of a Gearless Variable Speed Wind Turbine System with PMSC |
| 23) | M.TECH FT | 2101PS20101 | S.SARUL | Participation in Bounded Research | A Novel Single-Stage Single-Phase Reconfigurable Inverter Topology for a Solar Powered Hybrid AC/DC Home Intelligent grid interfaced solar water pumping system |
| 24) | M.TECH FT | 2101PS20102 | R.RARUNIGAM | Participation in Bounded Research | A Cascaded Modular Multilevel Inverter Topology Using Novel Series Basic Units with a Reduced Number of Power Electronic Elements |
| 25) | M.TECH FT | 2101PS20103 | D.GURUMOORTHY | Participation in Bounded Research | |
| 26) | M.TECH FT | 2101PS20104 | G.MOHAN | Participation in Bounded Research | |
| 27) | M.TECH FT | 2101PS20105 | P.RAVIKUMAR | Participation in Bounded Research | |
| 28) | M.TECH FT | 2101PS20106 | K.SENTHAMISELVAN | Participation in Bounded Research | |
| 29) | M.TECH FT | 2101PS20108 | AROCKIA ANTHONY | Participation in Bounded Research | |
| 30) | M.TECH FT | 2101PS20110 | S.DEEPAK | Participation in Bounded Research | A Dual Buck-Boost AC/DC Converter for DC Nano-Grid with Three Terminal Outputs |
| 31) | M.TECH FT | 2101PS20111 | S.SARAVANAN | Participation in Bounded Research | |
| 32) | M.TECH FT | 2101PS20112 | ARUN .B | Participation in Bounded Research | |
| 33) | M.TECH FT | 2101PS20113 | SRIDHAR SARAVANATHAVA N.N | Participation in Bounded Research | |
| 34) | M.TECH FT | 2101PS20114 | THIYAGARAJAN .K | Participation in Bounded Research | A flexible control strategy of plug-in electric vehicles operating in seven modes for smoothing load power curves in smart grid |
| 35) | M.TECH FT | 2101PS20115 | RAMESH KUMAR .J | Participation in Bounded Research | A HYBRID FUZZY-PI BASED IMPROVED IUPQC CONTROLLER TO SUPPLY EXTRA GRID-VOLTAGE REGULATION AS A STATCOM |
| 36) | M.TECH FT | 2101PS20116 | VISWANATHAN .K | Participation in Bounded Research | A novel approach for electrical circuit modeling of Li-ion battery for predicting the steady-state and dynamic I-V characteristics |
| 37) | M.TECH FT | 2101PS20117 | MANIDOSS .K | Participation in Bounded Research | A Novel Single-Phase Multilevel Transformerless PV Inverter For Reduced Common-mode |
| 38) | M.TECH FT | 2101PS20201 | ELAKKIYAN.M | Participation in Bounded Research | A Novel Step-up Multi-Input DC-DC Converter for Hybrid Electric Vehicles Application |
| 39) | M.TECH FT | 2101PS20202 | VINOTHINI .G | Participation in Bounded Research | A Power Factor Oriented Rail-to-Rail Power Quality Improvement in Electrical Railways |
| 40) | M.TECH FT | 2101PS20203 | AMUTHA .R | Participation in Bounded Research | A Quasi-Z-Source Integrated Multiple-Input DC-DC Converter for Electric Vehicle Drives |
| <p>Head of the Department Electrical and Electronics Engineering Ponnaiyah Ramalayam Institute of Science & Technology (PRIST) Institution Deemed to be University Uthiramerathi, Tamil Nadu - 605 011 Tamil Nadu - 605 011</p> | | | | | |
| | | 2101PS20204 | PRABAVATHY .P | Participation in Bounded Research | School of Engineering and Tech. Power Quality |
| | | 2101PS20205 | D.SUGANYA | Participation in Bounded Research | Dean of Electrical and Electronics Engineering |
| | | 2101PS20206 | Y.S.CLAUDIYA | Participation in Bounded Research | Dean of Electrical and Electronics Engineering |

| | | | | |
|---------------|-------------|-------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 44) M.TECH PT | 2001PS20207 | MERCY A | Participation in Bounded Research | Single-Phase Transformerless Inverter with Charge Pump Circuit Concept for Grid-Tied PV Applications |
| 45) M.TECH PT | 2001PS2801 | AHMED ABIE S | Design / Socio Technical Project | An Approach of Hybrid Modulation in Fusion seven-level Cascaded Multilevel Inverter accomplishment to IM drive system |
| 46) M.TECH PT | 2001PS2802 | THIRU MALAI T | | |
| 47) M.TECH PT | 2001PS2803 | KUMAR T | Design / Socio Technical Project | Design and Implementation of a Novel Multilevel DC AC Inverter |
| 48) M.TECH PT | 2001PS2804 | KAVIN S | | |
| 49) M.TECH PT | 2001PS2805 | RAJEEV KUMAR K | Design / Socio Technical Project | FUZZY CONTROL BASED APF WITH DG INTEGRATION FOR POWER QUALITY |
| 50) M.TECH PT | 2001PS2806 | BASKAR M | | |
| 51) M.TECH PT | 2001PS2807 | VENKATESAN S | Design / Socio Technical Project | Improvement of Power Quality and Mitigation Case Study Using Distributed Power Flow Controller |
| 52) M.TECH PT | 2001PS2808 | PANDIYAN M | | |
| 53) M.TECH FT | 2001PS2809 | CHANDRASEKAR R | Design / Socio Technical Project | Modeling and Simulation of Incremental Conductance Maximum Power Point Tracking (MPPT) Algorithm for solar PV Array Using Boost Converter |
| 54) M.TECH PT | 2001PS2810 | SARBUDEEN A | | |
| 55) M.TECH PT | 2001PS2811 | PALANISAMY N | Design / Socio Technical Project | Simulation of Dynamic Conductance based High Frequency Square Wave Chopper for Charge Lamp model driven by Low Frequency Square Wave |
| 56) M.TECH PT | 2001PS2812 | ANBUSELVAN A.S | | |
| 57) M.TECH PT | 2001PS2813 | RUTHIRAPATHI P | Design / Socio Technical Project | Speed Control of Induction Motor (MATLAB) |
| 58) M.TECH PT | 2001PS2814 | PARTHIPARAJ K | | |
| 59) M.TECH PT | 2001PS28201 | SUJATHA A | Design / Socio Technical Project | Stability Enhancement in Multilevel Inverter |
| 60) M.TECH PT | 2001PS28202 | MAJESA Y | | |
| 61) M.TECH PT | 2001PS2815 | RAVICHANDRAN A | Design / Socio Technical Project | Simulation of Dynamic Conductance based High Frequency Square Wave Chopper for Charge Lamp model driven by Low Frequency Square Wave |
| 62) M.TECH PT | 2001PS2816 | BALASUBRAMANIAN J | | |
| 63) M.TECH PT | 2001PS2817 | RENIKA DEVIN | Design / Socio Technical Project | Simulation of Dynamic Conductance based High Frequency Square Wave Chopper for Charge Lamp model driven by Low Frequency Square Wave |
| 64) M.TECH PT | 2001PS2818 | RAJAGOPALAN J | | |
| 65) M.TECH PT | 2001PS2819 | KUMAR S | Design / Socio Technical Project | Simulation of Dynamic Conductance based High Frequency Square Wave Chopper for Charge Lamp model driven by Low Frequency Square Wave |
| 66) M.TECH PT | 2001PS2820 | PAULINISANI E | | |
| 67) M.TECH PT | 2001PS28101 | ANBARASAN T | Participation in Bounded Research | Speed Control of Induction Motor (MATLAB) |
| 68) M.TECH PT | 2001PS28103 | SALIHU | Participation in Bounded | Stability Enhancement in Multilevel Inverter |

Head of the Department
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 Yercaud - 635 009

School of Engineering and Technology
 Ponnaiyah Ramalayah Institute of
 Science and Technology (PRIST)
 Deemed to be University
 Yercaud - 635 009
 2001PS28103

MODELING AND SIMULATION OF A GEARLESS VARIABLE SPEED WIND TURBINE SYSTEM WITH PMSG

DESIGN / SOCIO TECHNICAL PROJECT

Submitted By

| | |
|-------------------------|---------------------|
| R.HARIHARAN | (1901PS2001) |
| S.MOHAMMED YUSUF | (1901PS2002) |
| T.MUGUNDHAN | (1901PS2003) |
| P.MURUGADOSS | (1901PS2004) |

Under the Guidance of

DR.S.EZHILARASAN
ASSOCIATE PROFESSOR

In the partial fulfillment for the award of the award of the degree of

MASTER OF TECHNOLOGY IN POWER SYSTEM



PRIST
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NAAC ACCREDITED
THANJAVUR- 613 403 - TAMIL NADU

FACULTY OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
THANJAVUR – 613403

MAY 2022

REDUCED RIPPLE CURRENT THREE PHASE PARALLEL LOADED RESONANT CONVERTER FOR LED LIGHTING

DESIGN / SOCIO TECHNICAL PROJECT

Submitted By

M.CHITRA (1901PS2009)

SYED SULTAN BEEV (1901PS2010)

TAMILSELVI (1901PS2011)

K.ELAYARAJA (1901PS2012)

Under the Guidance of

Mrs.N.ARTHI

ASSISTANT PROFESSOR

In the partial fulfillment for the award of the award of the degree of

MASTER OF TECHNOLOGY IN POWER SYSTEM



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

THANJAVUR – 613403

MAY 2022

PHOTOVOLTAIC MODULE-INTEGRATED STAND-ALONE SINGLE-STAGE SWITCHED CAPACITOR INVERTER WITH MAXIMUM POWER POINT TRACKING

DESIGN / SOCIO TECHNICAL PROJECT

Submitted By

PASUPUREDDI PRAVE (1901PS2005)

PRADYUMNA BEHERA (1901PS2006)

M.SARANYA (1901PS2007)

M.THYAGARAJAN (1901PS2008)

Under the Guidance of

Mr.B.ARUNPANDIYAN

ASSISTANT PROFESSOR

In the partial fulfillment for the award of the award of the degree of

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

THANJAVUR – 613403

MAY 2022

**A NOVEL SINGLE-STAGE BUCK-BOOST
TRANSFORMERLESS INVERTER FOR 1- Φ GRID-
CONNECTED SOLAR PV SYSTEMS**

RESEARCH PROJECT

Submitted By

R.HARIHARAN (2001PS2001)

Under the Guidance of

DR.S.EZHILARASAN

ASSOCIATE PROFESSOR

In the partial fulfillment for the award of the award of the degree of

MASTER OF TECHNOLOGY IN POWER SYSTEM



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
THANJAVUR – 613403**

MAY 2022

SYNCHRONIZATION AND REACTIVE CURRENT SUPPORT OF PMSG BASED WIND FARM DURING SEVERE GRID FAULT

RESEARCH PROJECT

Submitted By

KESAVAN.P (1901PS2801)

Under the Guidance of

Mr.J.VIVEK RAJA

ASSISTANT PROFESSOR

In the partial fulfillment for the award of the award of the degree of

MASTER OF TECHNOLOGY IN POWER SYSTEM



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

THANJAVUR – 613403

MAY 2022

**A Medium-Frequency Transformer-Based Wind Energy
Conversion System Used for Current-Source Converter-Based
Offshore Wind Farm**

RESEARCH PROJECT

Submitted By

GOMATHI (1901PS2803)

Under the Guidance of

Mr.D.HARIHARAN

ASSISTANT PROFESSOR

In the partial fulfillment for the award of the award of the degree of

MASTER OF TECHNOLOGY IN POWER SYSTEM



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FACULTY OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

THANJAVUR – 613403

MAY 2022

A HIGHLY EFFICIENT AND RELIABLE INVERTER CONFIGURATION BASED CASCADED MULTILEVEL INVERTER FOR PV SYSTEMS

RESEARCH PROJECT

Submitted By

VISNU.M (1901PS2802)

Under the Guidance of

Mr.D.HARIHARAN

ASSISTANT PROFESSOR

In the partial fulfillment for the award of the award of the degree of

MASTER OF TECHNOLOGY IN POWER SYSTEM



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**FACULTY OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

THANJAVUR – 613403

MAY 2022

**DISTRIBUTED INCREMENTAL ADAPTIVE FILTER
CONTROLLED GRID INTERACTIVE RESIDENTIAL
PHOTOVOLTAIC-BATTERY BASED MICROGRID FOR
RURAL ELECTRIFICATION**

RESEARCH PROJECT

Submitted By

T.MUGUNDHAN (2001PS2003)

Under the Guidance of

DR.S.EZHILARASAN

ASSOCIATE PROFESSOR

In the partial fulfillment for the award of the award of the degree of

MASTER OF TECHNOLOGY IN POWER SYSTEM



FACULTY OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

THANJAVUR – 613403

MAY 2022

**DESIGN AND IMPLEMENTATION OF AN IMPROVED
POWER-ELECTRONIC SYSTEM FOR FEEDING LOADS OF
SMART HOMES IN REMOTE AREAS USING RENEWABLE
ENERGY SOURCE**

RESEARCH PROJECT

Submitted By

S.MOHAMMED YUSUF (2001PS2002)

Under the Guidance of

Mr.MKNM. SAKTHI NAGARAJ

ASSISTANT PROFESSOR

In the partial fulfillment for the award of the award of the degree of

MASTER OF TECHNOLOGY IN POWER SYSTEM



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FACULTY OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

THANJAVUR – 613403

MAY 2022



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : S-ARUL
- Register No. : 2101PE20101
- Programme & Branch : M.TECH PS Batch: 21-22 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : Mr-M. Anand
- Designation: ASSISTANT PROFESSOR Department: EEE

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Modelling & Simulation of Gearless Variable Speed Wind Turbine using PSCAD

ii. Date of Allotment of the Task:

01/07/21

iii. Date of Completion of the Task:

31/07/21

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. S-ARUL, a bonafide student of M.TECH PS
 (Reg.No. 2101PE20101) who has been allotted a Research Related Task "Modelling & Simulation of Gearless Variable Speed Wind Turbine" on
30/7/21, has successfully completed the above mentioned task on 30/7/21 to my satisfaction and has submitted all task completion related records to me.

Date: 31/07/21
P. Anirudh
 Head of the Department
 Electrical and Electronics Engineering
 Ponnaiyah Ramajayam Institute of
 Science & Technology
 (Institution Deemed to be University)
 Ponnaiyah Ramajayam Institute of Science & Technology
 Ponnaiyah Ramajayam Institute of Science & Technology

Anand
 HOD

M. Anand
 Signature of the Faculty Advisor
 DEAN
 School of Engineering and Tech.
 Ponnaiyah Ramajayam Institute of
 Science and Technology (PRIST)
 Deemed to be University
 Valluvar, Manjaveerpet, Chennai - 605 006



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : S. ARUL.
- Register No. : 2101PR2001,
- Programme & Branch : M.TECH & Pr, Batch: 21-22, Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : Mr. M. Anand,
- Designation: ASSISTANT PROFESSOR Department: EEE

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

Modelling & Simulation of Beaten Variable Speed wind Turbine with PMSG.

ii. Date of Allotment of the Task: 01/07/21

iii. Due Date Proposed for Completion of Task: 31/07/21

Signature of the Student: S. Arul

Signature of the Faculty Advisor: M. Anand

Head of the Department Electrical and Electronics Engineering Ponnaiyah Ramajayam Institute of Science and Technology

Date: 31/07/21, HOD

DEAN School of Engineering and Tech. Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : S-ARUL
- Register No. : 2101PS20101
- Programme & Branch : M.TECH & PS Batch: 21-22 Semester: I

II. Faculty Advisor Details

- Name of the Faculty Advisor : Mr. M. Anand
- Designation: ASSISTANT PROFESSOR Department: EEE

III. Details of the Task Undertaken:

i. Details of the Task:

Modelling & Simulation of Gearless Variable Speed
Wind Turbine with PMSC

ii. Date of Allotment of the Task:

01/07/21

iii. Date of Completion of the Task:

31/07/21

IV. Declaration of the Student

I, S-ARUL, a student of M.TECH & PS Programme (Reg.No. 2101PS20101) hereby declare that I have completed the Research Related Task "Modelling & Simulation of Gearless Variable Speed Wind Turbine with PMSC"

upto the satisfaction of my Advisor and have submitted all related records to him on 31/07/21. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 31/07/21

M. Anand
Faculty Advisor
HOD

S. Arul
Signature of the Student

P. Anuj
Head of the Department
Electrical and Electronics Engineering
Ponnaiyah Ramajayam Institute of
Science and Technology

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Deemed to be University
Vallam, Thanjavur-613 403.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : ANBARASAN . T
- Register No. : 2101PC28101
- Programme & Branch : M.TECH & PS, Batch: 21-22 Semester: I,

II. Faculty Advisor Details

- Name of the Faculty Advisor : Mr. D. HARIHARAN
- Designation: ASSISTANT PROFESSOR Department: EEE

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Speed Control of Induction Motor Done by Using Universal Bridge

- ii. Date of Allotment of the Task : 01/07/21
- iii. Date of Completion of the Task : 31/07/21

IV. Certificate for Successful Completion of Task

This is to certify that Mr. Ms. ANBARASAN . T, a bonafide student of M.TECH & PS
 (Reg.No 2101PC28101) who has been allotted a Research Related Task "Speed Control
of Induction Motor by UNIVERSAL BRIDGE" on
 _____, has successfully completed the above mentioned task on 31/07/21 to my satisfaction and has
 submitted all task completion related records to me.

31/07/21
 Date: P. Anil
Head of the Department
 Electrical and Electronics Engineering
 Ponnaiyah Ramajayam Institute of
 Science & Technology (PRIST)
 Vairam, Thanjavur - 613 403

P. Anil
 HOD

D. Hariharan
 Signature of the Faculty Advisor
DEAN
 School of Engineering and Tech.
 Ponnaiyah Ramajayam Institute of
 Science and Technology (PRIST)
 Deemed to be University
 Vairam, Thanjavur - 613 403.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : ANBARASANT
- Register No. : M.TECHAPS
- Programme & Branch : 2101PS2810, Batch: 21-22 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : Mr. D. Hanharah,
- Designation: Assistant Professor Department: EEE

III. Details of the Task Undertaken:

i. Details of the Task:

Speed Control of Induction Motor Drive Using Universal Bridge

ii. Date of Allotment of the Task:

01/07/21

iii. Date of Completion of the Task:

31/07/21

IV. Declaration of the Student

I, ANBARASANT, a student of M.TECHAPS Programme (Reg.No 2101PS2810) hereby declare that I have completed the Research Related Task "Speed Control of Induction Motor by Universal BRIDGE"

upto the satisfaction of my Advisor and have submitted all related records to him on .Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 31/07/21

[Signature] Faculty Advisor HOD

[Signature] Signature of the Student

P. Anuj Head of the Department Electrical and Electronics Engineering Ponnaiyah Ramajayam Institute of Science and Technology (PRIST) (Instituted by Government of Tamil Nadu; Act 1956) THANJAVUR - 613 403, TAMIL NADU

[Signature] DEAN School of Engineering and Tech. Ponnaiyah Ramajayam Institute of Science and Technology (PRIST) Deemed to be University Vallam, Thanjavur - 613 403.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : ANBARASAN T
Register No. : 2101PS28101
Programme & Branch : M.TECH & PSI Batch: 21-22 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : Mr. D. HARIHARAN
Designation: ASSISTANT PROFESSOR Department: EEE

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

Induction Motor Speed is Control by using Universal Bridge drive

- ii. Date of Allotment of the Task: 01/07/21
iii. Due Date Proposed for Completion of Task: 31/07/21

Signature of the Student: Anbarasan T

Head of the Department Electrical and Electronics Engineering Ponnaiyah Ramajayam Institute of Science & Technology (PRIST)

Signature of the Faculty Advisor: D. Hariharan

Date: 01/07/21 HOD

DEAN School of Engineering and Tech. Ponnaiyah Ramajayam Institute of Science and Technology (PRIST) Deemed to be University Vallam, Thanjavur - 613 403.



Department of Computer Science and Engineering

M. TECH (FT)

Academic Year 2021-2022

1.3.3 Percentage of Programs that have Components of Research Project

| S.NO | REGISTER NUMBER | NAME | Program Name | Title of Project |
|------|-----------------|----------------------|----------------|------------------------------------------------------------------------------------|
| 1. | 2101ECS20201 | SUBHAN MAHALINGAM .R | M.Tech(CSE)-FT | Route Recommendations For Intelligent Transportation Services |
| 2. | 2101ECS20202 | ROSHIGA DEVI .R | M.Tech(CSE)-FT | Software-defined networking security: pros and cons |
| 3. | 2101ECS20203 | ABDUL RAHIM | M.Tech(CSE)-FT | Towards Economic Fairness for Big Data Processing in Pay-as-You-Go Cloud Computing |
| 4. | 2101ECS20204 | KARTHIKEYAN .S | M.Tech(CSE)-FT | A Distributed Ensemble Scheme for nonlinear Support Vector Machine |
| 5. | 2101ECS20205 | SRIMATHI .N | M.Tech(CSE)-FT | Online virtual links resource allocation in Software-Defined Networks |
| 6. | 2101ECS20206 | NITHIYA .A | M.Tech(CSE)-FT | Pros and cons of load balancing algorithms for cloud computing |
| 7. | 2101ECS20207 | MOHAMED RIYAS .S | M.Tech(CSE)-FT | Large-Scale Nyström Kernel Matrix Approximation Using Randomized SVD |
| 8. | 2101ECS20208 | SHEIK IMTHIYAS .H | M.Tech(CSE)-FT | Mutual Authentication And Key |

| | | | | |
|-----|--------------|------------------------|----------------|----------------------------------------------------------------------------------------------------------------------|
| | | | | Agreement Service Provider For Cloud Computing Environment |
| 9. | 2101ECS20209 | KANISHA .R | M.Tech(CSE)-FT | Convergent Digital Home Network for Heterogeneous Technologies Amendment 1: Support of New MAC/PHYs and Enhancements |
| 10. | 2101ECS20210 | DIVYA BHARATHI .T | M.Tech(CSE)-FT | Evaluation of multi-cloud computing TMR-based model using a cloud simulator |
| 11. | 2101ECS20211 | TAMIZHARASAN .A | M.Tech(CSE)-FT | Identifying High-Cardinality Hosts from Network-wide Traffic Measurements |
| 12. | 2101ECS20212 | ARUN .S | M.Tech(CSE)-FT | Back Bone Assisted Hop Greedy Routing For VANET's City |
| 13. | 2101ECS20213 | AMIRTHEYA .D | M.Tech(CSE)-FT | A Survey on Software-Defined Networking |
| 14. | 2101ECS20214 | MOHAMED BASITH .P | M.Tech(CSE)-FT | Energy-efficient scheduling for cloud computing applications with traffic load balancing |
| 15. | 2101ECS20215 | MOHAMED ALTHAF .T | M.Tech(CSE)-FT | Scaling Machine Learning for Target Prediction in Drug Discovery using Apache Spark |
| 16. | 2101ECS20216 | KIRUTHIGA .S | M.Tech(CSE)-FT | E-Circular Notification System |
| 17. | 2101ECS20217 | MOHAMED WASIFUL HAQ .A | M.Tech(CSE)-FT | Design of a software-defined resilient virtualized networking environment |

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|-----|--------------|-----------------|----------------|-------------------------------------------------------------------------------|
| 18. | 210IECS20218 | SUSHMA .M | M.Tech(CSB)-FT | Proactive Workload Management in Hybrid Cloud Computing |
| 19. | 210IECS20219 | PIRUTHIVIRAJ .N | M.Tech(CSE)-FT | 3D Cartesian Transport Sweep for Massively Parallel Architectures with PaRSEC |
| 20. | 210IECS20220 | VIGNESHWARI .R | M.Tech(CSE)-FT | Minimizing Influence Of Rumors By Blockers On Social Networks |
| 21. | 210IECS20221 | RISHITHARAN .T | M.Tech(CSE)-FT | A SDN-based network architecture for cloud resiliency |
| 22. | 210IECS20222 | ASHOK BALU .T | M.Tech(CSE)-FT | An Automatic Deployment Mechanism on Cloud Computing Platform |


HOD

Head of the Department
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The U of the Government of
TAMIL NADU - 613 403, PALLAVUR


DEAN

School of Engineering and Technology,
Ponnalyah Panalayan Institute of
Science and Technology (PPIST)
Deemed to be University
Vallam, Thiruvallur - 613 403.

**Back Bone Assisted Hop Greedy Routing For
VANET's City**

RESEARCH PROJECT

Submitted By

ARUN .S (2101ECS20212)

Under the Guidance of

Dr.A.N.Arularasan

ASSOCIATE PROFESSOR

In the partial fulfillment for the award of the award of the degree of



PRIST
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THANJAVUR- 613 403 - TAMIL NADU

MASTER OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THANJAVUR – 613403

MAY 2022

**Minimizing Influence Of Rumors By Blockers On Social
Networks**

RESEARCH PROJECT

Submitted By

VIGNESHWARI .R

(2101ECS20220)

Under the Guidance of

Dr. R. Latha

ASSOCIATE PROFESSOR

In the partial fulfillment for the award of the award of the degree of



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MAY 2022



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THANJAVUR - 611401 - TAMIL NADU

Department of Computer Science and Engineering

M.TECH (PT)

Academic Year 2021-2022

1.3.3 Percentage of Programs that have Components of Research Project

| S.NO | REGISTER NUMBER | NAME | Program Name | Title of Project |
|------|-----------------|-------------------------|----------------|-------------------------------------------------------------------------------------|
| 1. | 1904CE1801 | B.SABARI PADMANABHAN | M.Tech(CSE)-PT | Heterogeneous vehicular wireless networking: A theoretical perspective |
| 2. | 1904CE1802 | ANUSHYA.R | M.Tech(CSE)-PT | A mobile agent-based task seamless migration model for mobile cloud comp |
| 3. | 1904CE1803 | SALMAN .M | M.Tech(CSE)-PT | Distributed algorithm for graph signal in painting |
| 4. | 1904CE1804 | VARSHINI | M.Tech(CSE)-PT | Minimizing Influence Of Rumors By Blockers On Social Networks |
| 5. | 1904CE1805 | SOWMIYA,P | M.Tech(CSE)-PT | An encryption-based access control framework for content-centric networking |
| 6. | 1904CE1806 | KAMAL.M | M.Tech(CSE)-PT | h-DDSS: Heterogeneous Dynamic Dedicated servers scheduling in cloud computing |
| 7. | 1904CE1807 | SWATHIR | M.Tech(CSE)-PT | HAGP: A Hub-Centric Asynchronous Graph Processing Framework for Scale-Free Graph |
| 8. | 1904CE1808 | VASANTHA K | M.Tech(CSE)-PT | A Secure Cloud-Of-Clouds System For Storing And Sharing Big Data |
| 9. | 1904CE1809 | AMIRTHA.M | M.Tech(CSE)-PT | Service-oriented networking platform on smart devices |

| | | | | |
|-----|------------|--------------|----------------|----------------------------------------------------------------------------------------------------|
| 10. | 1904CE1810 | HARIHARAN.D | M.Tech(CSE)-PT | Evaluation of multi-cloud computing TMR-based model using a cloud simulator |
| 11. | 1904CE1811 | CHANDRU.V | M.Tech(CSE)-PT | Emerald: Enhance scientific workflow performance with computation offloading to the cloud |
| 12. | 1904CE1812 | PREMIKUMAR.M | M.Tech(CSE)-PT | Online Voting System Based On Aadhaar Id |
| 13. | 1904CE1813 | AKASH.P | M.Tech(CSE)-PT | Scalable resilience for Software-Defined Networking using Loop-Free Alternates with loop detection |
| 14. | 1904CE1814 | VAISHNAVI.R | M.Tech(CSE)-PT | Federation and Revenue Sharing in Cloud Computing Environment |
| 15. | 1904CE1815 | AAKASH.K.P | M.Tech(CSE)-PT | Activity-based cloud sending: Push services for user device multiplicity |
| 16. | 1904CE1816 | NANDHA.M | M.Tech(CSE)-PT | Wireless Medical System |


HOD

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No. 2 of 1988 UGC, vide 1988)
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DEAN

School of Engineering and Technology,
Ponnaiyan Ramajayam Institute of
Science and Technology (P.R.I.S.T.)
Deemed to be University
Vallam, Thanjavur - 613 403.

EVALUATION OF MULTI-CLOUD COMPUTING TMR-BASED MODEL.

USING A CLOUD SIMULATOR

RESEARCH PROJECT

Submitted By

HARIHARAN.D

(1904CE1810)

Under the Guidance of

Dr. R. Latha

ASSOCIATE PROFESSOR

In the partial fulfillment for the award of the award of the degree of



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MASTER OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THANJAVUR – 613403

MAY 2022

**FEDERATION AND REVENUE SHARING IN CLOUD
COMPUTING ENVIRONMENT**

RESEARCH PROJECT

Submitted By

VAISHNAVL R

(1904CE1814)

Under the Guidance of

Dr.A.N.Arularasan

ASSOCIATE PROFESSOR

In the partial fulfillment for the award of the award of the degree of



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THANJAVUR – 613403

MAY 2022



Department of Computer Science and Engineering


M.TECH (FT)

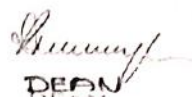
Academic Year 2021-2022

1.3.3 Percentage of Programs that have Components of Participation in Bounded Research

| S.NO | REGISTER NUMBER | NAME | Program Name | Title of Project |
|------|-----------------|----------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | 2101ECS20201 | SUBHAN MAHALINGAM .R | M.Tech(CSE)-FT | SmarterPhones: Anticipatory download scheduling for wireless video streaming |
| 2. | 2101ECS20202 | ROSHIGA DEVI .R | M.Tech(CSE)-FT | Privacy-preserving ranked multi-keyword search leveraging polynomial function in cloud computing |
| 3. | 2101ECS20203 | ABDUL RAHIM | M.Tech(CSE)-FT | Segment-Based Anomaly Detection with Approximated Sample Covariance Matrix in Wireless Sensor Networks |
| 4. | 2101ECS20204 | KARTHIKEYAN .S | M.Tech(CSE)-FT | A Dementia Classification Framework Using Frequency And Time- Frequency Features Based On EEG Signals |
| 5. | 2101ECS20205 | SRIMATHI .N | M.Tech(CSE)-FT | EVAC-AV: The Live Road Surveillance Control Scheme Using an Effective-Vision-Area-Based Clustering Algorithm With the Adaptive Video-Streaming Technique |
| 6. | 2101ECS20206 | NITHIYA .A | M.Tech(CSE)-FT | A study on load balancing in cloud computing environment using evolutionary and swarm based algorithms |
| 7. | 2101ECS20207 | MOHAMED RIYAS .S | M.Tech(CSE)-FT | Reducing mobile device energy consumption with computation offloading |
| 8. | 2101ECS20208 | SHEIK IMTHIYAS .H | M.Tech(CSE)-FT | Enhanced Secure Thresholded Data Deduplication Scheme For Big Data Storage |
| 9. | 2101ECS20209 | KANISHA .R | M.Tech(CSE)-FT | Video streaming over software defined networks with server load balancing |
| 10 | 2101ECS20210 | DIVYA BHARATHI .T | M.Tech(CSE)-FT | Cutting Your Cloud Computing Cost for |

| | | | | Deadline-Constrained Batch Jobs |
|-----|--------------|------------------------|----------------|---------------------------------------------------------------------------------------------|
| 11. | 2101EC520211 | TAMIZHARASAN .A | M.Tech(CSE)-FT | A Universal Parallel Two-Pass MDL Context Tree Compression Algorithm |
| 12. | 2101EC520212 | ARUN .S | M.Tech(CSE)-FT | A Hybrid Computing Based Intrusion Detection Model |
| 13. | 2101EC520213 | AMIRTHEYA .D | M.Tech(CSE)-FT | An efficient and secure method for quality video streaming in Mobile Ad-hoc Network |
| 14. | 2101EC520214 | MOHAMED BASITH .P | M.Tech(CSE)-FT | Multi-Cloud Environment Using Secure Framework |
| 15. | 2101EC520215 | MOHAMED ALTHAF .T | M.Tech(CSE)-FT | Client/Server and Peer-to-Peer hybrid architecture for adaptive video streaming |
| 16. | 2101EC520216 | KIRUTHIGA .S | M.Tech(CSE)-FT | Cloud light weight: A new solution for load balancing in cloud computing |
| 17. | 2101EC520217 | MOHAMED WASIFUL HAQ .A | M.Tech(CSE)-FT | Identity-Based Distributed Provable Data Possession in Multicloud Storage |
| 18. | 2101EC520218 | SUSHIMA .M | M.Tech(CSE)-FT | Uid For Personal And Vehicle Information Using Cloud Computing |
| 19. | 2101EC520219 | PIRUTHIVIRAJ .N | M.Tech(CSE)-FT | Network-layer fairness for adaptive video streams |
| 20. | 2101EC520220 | VIGNESHWARI .R | M.Tech(CSE)-FT | Cloud of Things: Integrating Internet of Things and cloud computing and the issues involved |
| 21. | 2101EC520221 | RISHITHARAN .T | M.Tech(CSE)-FT | Computation Sharing in Distributed Robotic Systems: A Case Study on SLAM |
| 22. | 2101EC520222 | ASHOK BALU .T | M.Tech(CSE)-FT | Towards estimating video QoE based on frame loss statistics of the video streams |


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 Anna University, Chennai
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 Women & Technology (GECWT)
 Government Engineering College of
 Women & Technology (GECWT)



2021

Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : KANISHA R
- Register No. : 2101ECS20209
- Programme & Branch : MTECH/IT Batch: 21-22 Semester:
CSE

II. Faculty Advisor Details

- Name of the Faculty Advisor : R. BANUMATHI
- Designation: AP Department: CSE

III. Details of Research Related Task Allotted:

- i. Description of Research Related Task **DEV OPS**

Dev ops is a software development practice that combines development and operations to improve the speed and reliability of software delivery

- ii. Date of Allotment of the Task:

1/6/21

- iii. Due Date Proposed for Completion of Task:

30/6/21

Kanisha R
Signature of the Student:

R. Banumathi
Signature of the Faculty Advisor

Date: 1/6/2021

Head of the Department
Department of Computer Science
and Engineering
Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST)
Insatiation Deemed to be University
15-3 of 100, 200, 300, 400, 500,
600, 700, 800, 900, 1000, 1100, 1200, 1300, 1400, 1500, 1600, 1700, 1800, 1900, 2000, 2100, 2200, 2300, 2400, 2500, 2600, 2700, 2800, 2900, 3000, 3100, 3200, 3300, 3400, 3500, 3600, 3700, 3800, 3900, 4000, 4100, 4200, 4300, 4400, 4500, 4600, 4700, 4800, 4900, 5000, 5100, 5200, 5300, 5400, 5500, 5600, 5700, 5800, 5900, 6000, 6100, 6200, 6300, 6400, 6500, 6600, 6700, 6800, 6900, 7000, 7100, 7200, 7300, 7400, 7500, 7600, 7700, 7800, 7900, 8000, 8100, 8200, 8300, 8400, 8500, 8600, 8700, 8800, 8900, 9000, 9100, 9200, 9300, 9400, 9500, 9600, 9700, 9800, 9900, 10000, 10100, 10200, 10300, 10400, 10500, 10600, 10700, 10800, 10900, 11000, 11100, 11200, 11300, 11400, 11500, 11600, 11700, 11800, 11900, 12000, 12100, 12200, 12300, 12400, 12500, 12600, 12700, 12800, 12900, 13000, 13100, 13200, 13300, 13400, 13500, 13600, 13700, 13800, 13900, 14000, 14100, 14200, 14300, 14400, 14500, 14600, 14700, 14800, 14900, 15000, 15100, 15200, 15300, 15400, 15500, 15600, 15700, 15800, 15900, 16000, 16100, 16200, 16300, 16400, 16500, 16600, 16700, 16800, 16900, 17000, 17100, 17200, 17300, 17400, 17500, 17600, 17700, 17800, 17900, 18000, 18100, 18200, 18300, 18400, 18500, 18600, 18700, 18800, 18900, 19000, 19100, 19200, 19300, 19400, 19500, 19600, 19700, 19800, 19900, 20000, 20100, 20200, 20300, 20400, 20500, 20600, 20700, 20800, 20900, 21000, 21100, 21200, 21300, 21400, 21500, 21600, 21700, 21800, 21900, 22000, 22100, 22200, 22300, 22400, 22500, 22600, 22700, 22800, 22900, 23000, 23100, 23200, 23300, 23400, 23500, 23600, 23700, 23800, 23900, 24000, 24100, 24200, 24300, 24400, 24500, 24600, 24700, 24800, 24900, 25000, 25100, 25200, 25300, 25400, 25500, 25600, 25700, 25800, 25900, 26000, 26100, 26200, 26300, 26400, 26500, 26600, 26700, 26800, 26900, 27000, 27100, 27200, 27300, 27400, 27500, 27600, 27700, 27800, 27900, 28000, 28100, 28200, 28300, 28400, 28500, 28600, 28700, 28800, 28900, 29000, 29100, 29200, 29300, 29400, 29500, 29600, 29700, 29800, 29900, 30000, 30100, 30200, 30300, 30400, 30500, 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44900, 45000, 45100, 45200, 45300, 45400, 45500, 45600, 45700, 45800, 45900, 46000, 46100, 46200, 46300, 46400, 46500, 46600, 46700, 46800, 46900, 47000, 47100, 47200, 47300, 47400, 47500, 47600, 47700, 47800, 47900, 48000, 48100, 48200, 48300, 48400, 48500, 48600, 48700, 48800, 48900, 49000, 49100, 49200, 49300, 49400, 49500, 49600, 49700, 49800, 49900, 50000, 50100, 50200, 50300, 50400, 50500, 50600, 50700, 50800, 50900, 51000, 51100, 51200, 51300, 51400, 51500, 51600, 51700, 51800, 51900, 52000, 52100, 52200, 52300, 52400, 52500, 52600, 52700, 52800, 52900, 53000, 53100, 53200, 53300, 53400, 53500, 53600, 53700, 53800, 53900, 54000, 54100, 54200, 54300, 54400, 54500, 54600, 54700, 54800, 54900, 55000, 55100, 55200, 55300, 55400, 55500, 55600, 55700, 55800, 55900, 56000, 56100, 56200, 56300, 56400, 56500, 56600, 56700, 56800, 56900, 57000, 57100, 57200, 57300, 57400, 57500, 57600, 57700, 57800, 57900, 58000, 58100, 58200, 58300, 58400, 58500, 58600, 58700, 58800, 58900, 59000, 59100, 59200, 59300, 59400, 59500, 59600, 59700, 59800, 59900, 60000, 60100, 60200, 60300, 60400, 60500, 60600, 60700, 60800, 60900, 61000, 61100, 61200, 61300, 61400, 61500, 61600, 61700, 61800, 61900, 62000, 62100, 62200, 62300, 62400, 62500, 62600, 62700, 62800, 62900, 63000, 63100, 63200, 63300, 63400, 63500, 63600, 63700, 63800, 63900, 64000, 64100, 64200, 64300, 64400, 64500, 64600, 64700, 64800, 64900, 65000, 65100, 65200, 65300, 65400, 65500, 65600, 65700, 65800, 65900, 66000, 66100, 66200, 66300, 66400, 66500, 66600, 66700, 66800, 66900, 67000, 67100, 67200, 67300, 67400, 67500, 67600, 67700, 67800, 67900, 68000, 68100, 68200, 68300, 68400, 68500, 68600, 68700, 68800, 68900, 69000, 69100, 69200, 69300, 69400, 69500, 69600, 69700, 69800, 69900, 70000, 70100, 70200, 70300, 70400, 70500, 70600, 70700, 70800, 70900, 71000, 71100, 71200, 71300, 71400, 71500, 71600, 71700, 71800, 71900, 72000, 72100, 72200, 72300, 72400, 72500, 72600, 72700, 72800, 72900, 73000, 73100, 73200, 73300, 73400, 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101800, 101900, 102000, 102100, 102200, 102300, 102400, 102500, 102600, 102700, 102800, 102900, 103000, 103100, 103200, 103300, 103400, 103500, 103600, 103700, 103800, 103900, 104000, 104100, 104200, 104300, 104400, 104500, 104600, 104700, 104800, 104900, 105000, 105100, 105200, 105300, 105400, 105500, 105600, 105700, 105800, 105900, 106000, 106100, 106200, 106300, 106400, 106500, 106600, 106700, 106800, 106900, 107000, 107100, 107200, 107300, 107400, 107500, 107600, 107700, 107800, 107900, 108000, 108100, 108200, 108300, 108400, 108500, 108600, 108700, 108800, 108900, 109000, 109100, 109200, 109300, 109400, 109500, 109600, 109700, 109800, 109900, 110000, 110100, 110200, 110300, 110400, 110500, 110600, 110700, 110800, 110900, 111000, 111100, 111200, 111300, 111400, 111500, 111600, 111700, 111800, 111900, 112000, 112100, 112200, 112300, 112400, 112500, 112600, 112700, 112800, 112900, 113000, 113100, 113200, 113300, 113400, 113500, 113600, 113700, 113800, 113900, 114000, 114100, 114200, 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151800, 151900, 152000, 152100, 152200, 152300, 152400, 152500, 152600, 152700, 152800, 152900, 153000, 153100, 153200, 153300, 153400, 153500, 153600, 153700, 153800, 153900, 154000, 154100, 154200, 154300, 154400, 154500, 154600, 154700, 154800, 154900, 155000, 155100, 155200, 155300, 155400, 1



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : KANISHA . R
- Register No. : 2101ECS 20209
- Programme & Branch : MTECH / FT Batch: 21 - 22 Semester: CS E

II. Faculty Advisor Details

- Name of the Faculty Advisor : R. BANUMATHI
- Designation: AP Department: CS E

III. Details of the Task Undertaken:

- i. Details of the Task: DevOps

It is used for development & operations to improve speed.

- ii. Date of Allotment of the Task: 11/6/21

- iii. Date of Completion of the Task: 30/6/21

IV. Declaration of the Student

I, R. KANISHA, a student of MTECH/FT Programme (Reg.No. 2101ECS 20209), hereby declare that I have completed the Research Related Task "Devops - It is used for development and operations to improve the speed & reliability" upto the satisfaction of my Advisor and have submitted all related records to him on _____ Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 30/6/21

R. Banumathi Faculty Advisor
R. Kanisha Signature of the Student

Head of the Department
 Department of Computer Science and Engineering
 Ponnaiyah Ramajayam Institute of Science & Technology (PRIST)
 (Insulation Deemed to be University
 Is 3 of the UGC Act, 1956)
 VAILLAM - 613 403, TAMIL NADU.

HOD

DEAN
 School of Engineering and Tech.
 Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)
 Deemed to be University
 Vailam, Thanjavur - 613 403.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : R. KANISHA
- Register No. : 210 ELS 20209
- Programme & Branch : MTECH / PT Batch: 21-22 Semester: CSE

II. Faculty Advisor Details

- Name of the Faculty Advisor : R. BANUMATHI
- Designation: AP Department: CSE

III. Details of Research Related Task Allotted:

- i. Details of the Task Allotted: DEVOPS

It is used for improve the development & speed.

- ii. Date of Allotment of the Task: 11/6/21
- iii. Date of Completion of the Task: 30/6/21

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. R. KANISHA, a bonafide student of M. TECH / PT (Reg. No. 210 ELS 20209) who has been allotted a Research Related Task "DEVOPS" - It is used for development of speed & reliability on 11/6/21, has successfully completed the above mentioned task on 30/6/21 to my satisfaction and has submitted all task completion related records to me.

Date: 30/6/21

Head of Department
Department of Computer Science
and Engineering
Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST)
(Institution Deemed to be University
s 3 of the UGC Act, 1956)
PENNARAVUR - 613 403, TAMIL NADU

HOD

R. Banumathi
Signature of the Faculty Advisor

K. Murali
DEAN
School of Engineering and Tech.
Ponnaiyah Ramajayam Institute of
Science and Technology (PRIST)
Deemed to be University
Vallam, Thanjavur - 613 403



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : ARUN.S
- Register No : 2101ECS20212
- Programme & Branch : M.Tech/FT CSE Batch: 2021-2022 Semester:

II. Faculty Advisor Details

- Name of the Faculty Advisor : N. DHIVYA
- Designation: AP Department: CSE

III. Details of Research Related Task Allotted:

- i. Description of Research Related Task INTERNET OF THINGS

IOT refers to the network of interconnected physical devices that communicate and exchange data with each other over the internet.

- ii. Date of Allotment of the Task: 1/6/21

- iii. Due Date Proposed for Completion of Task: 30/6/21

Signature of the Student: Arun

Head of the Department
Department of Computer Science
and Engineering

Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST)
(Institution Deemed to be University
As per the UGC Act 1956)
THANJAVUR - 613 403, TAMIL NADU

Date: 1/6/21

Signature of the Faculty Advisor: Dhivy

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School of Engineering and Tech.
Ponnaiyah Ramajayam Institute of
Science and Technology (PRIST)
Deemed to be University
Vallam, Thanjavur - 613 403.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : ARUN.S
- Register No. : 2101ECS 20212
- Programme & Branch : M-Tech/FT CSE Batch: 2021-2022 Semester:

II. Faculty Advisor Details

- Name of the Faculty Advisor : N.DHIVYA
- Designation: AP Department: CSE

III. Details of the Task Undertaken:

- i. Details of the Task: INTERNET OF THINGS

The network interconnected physical devices that communicate and exchange data with each other over internet

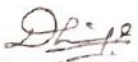
- ii. Date of Allotment of the Task: 1/6/21
- iii. Date of Completion of the Task: 30/6/21

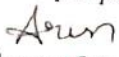
IV. Declaration of the Student

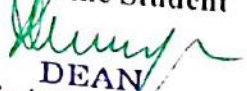
I, ARUN.S, a student of M-Tech/FT Programme (Reg.No. 2101ECS 20212), hereby declare that I have completed the Research Related Task "It refers to interconnected physical devices that communicate and exchange data with each other over the internet."

upto the satisfaction of my Advisor and have submitted all related records to him on _____ Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 30/6/21


Faculty Advisor


Signature of the Student


DEAN
School of Engineering and Tech.
Ponnaiyah Ramajayam Institute of
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Deemed to be University
Vallam, Thanjavur-613 403.

HOD


Department of Computer Science
and Engineering
Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST)
(Institution Deemed to be University
1/s 3 of the UGC Act, 1956)
THANJAVUR - 613 403, TAMIL NADU.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : ARUN.S
- Register No. : 2101ECS20212
- Programme & Branch : M-Tech / ET CSE Batch: 2021-2022 Semester:

II. Faculty Advisor Details

- Name of the Faculty Advisor : A. DHIVYA
- Designation: AP Department: CSE

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted: INTERNET OF THINGS

The network connected physical devices that communicate and exchange data with other over internet

ii. Date of Allotment of the Task:

01/6/2021

iii. Date of Completion of the Task:

30/6/2021

IV. Certificate for Successful Completion of Task

This is to certify that Mr/Ms. ARUN.S, a bonafide student of M-Tech / ET (Reg. No. 2101ECS20212) who has been allotted a Research Related Task " Internet of Things- It refers to network connected physical devices to communicate each other " on 1/6/21, has successfully completed the above mentioned task on 30/6/21 to my satisfaction and has submitted all task completion related records to me.

Date: 30/6/21

Department:

Ponnaiyah Ramajayam Institute of Science & Technology (PRIST)
Institution Deemed to be University
10% of the UGC Act 1956

HOD

Signature of the Faculty Advisor

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School of Engineering and Tech
Ponnaiyah Ramajayam Institute of
Science and Technology (PRIST)
Deemed to be University
Vallam, Thanjavur - 613 014



Department of Computer Science and Engineering

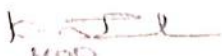
M.TECH (PT)

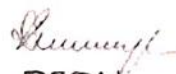
Academic Year 2021-2022

1.3.3 Percentage of Programs that have Components of Participation in Bounded Research

| S.NO | REGISTER NUMBER | NAME | Program Name | Title of Project |
|------|-----------------|------------------------|----------------|-----------------------------------------------------------------------------------------------------------|
| 1. | 2101ECS28101 | E.BALAJI | M.Tech(CSE)-PT | A Reactive and Scalable Unicast Solution for Video Streaming over VANETS |
| 2. | 2101ECS28102 | R.DHEENUL AYESHA | M.Tech(CSE)-PT | An Enhanced Cloud Computing Model for Patient Record Management in South Africa |
| 3. | 2101ECS28103 | T.MOHAMED ABUSHEAK | M.Tech(CSE)-PT | Cloud-based service function chaining with distributed VMs and its underlay-aware improvement |
| 4. | 2101ECS28104 | J.PRASANNA RAGHAVAN | M.Tech(CSE)-PT | Video Streaming Using Dual-Channel Dual-Path Routing to Prevent Packet Copy Attack |
| 5. | 2101ECS28105 | V.PRIYANKA | M.Tech(CSE)-PT | Study and analysis of various task scheduling algorithms in the cloud computing environment |
| 6. | 2101ECS28106 | S.HSADAM HUSSAIN | M.Tech(CSE)-PT | Efficient Modeling and Demand Allocation for Differentiated Cloud Virtual-Network |
| 7. | 2101ECS28107 | M.SANTHOSH | M.Tech(CSE)-PT | Modified Elite Chaotic Immune Clonal Selection Algorithm for server resource allocation in cloud |
| 8. | 2101ECS28108 | R.VISHAL PATEL | M.Tech(CSE)-PT | Modeling and pricing cloud service elasticity for geographically distributed applications |
| 9. | 2101ECS28109 | T.ARUL MOZHI | M.Tech(CSE)-PT | Cloud computing and its decision-making for medical and health informatization in the context of big data |
| 10. | 2101ECS28110 | R.BHAVITHRA | M.Tech(CSE)-PT | Energy-Efficient Routing Protocol For Enhancing The Vehicular Ad-Hoc Network Communication |
| 11. | 2101ECS28111 | M.RADHA | M.Tech(CSE)-PT | A Dementia Classification Framework Using Frequency And Time-Frequency Features Based On EEG Signals |
| 12. | 2101ECS28112 | U.AJITH KUMAR | M.Tech(CSE)-PT | Peer-to-Peer Learning in Robotics Education |
| 13. | 2101ECS28113 | P.HARIHARAN | M.Tech(CSE)-PT | Adding Storage Simulation Capacities to the SunGrid Toolkit: Concepts, Models, and API |
| 14. | 2101ECS28114 | N.DEEPAN | M.Tech(CSE)-PT | A Simple Predicate to Expedite the Termination of |

| | | | | |
|-----|--------------|-----------------|----------------|------------------------------------------------------------------------------------------------------|
| | | | | a Randomized Consensus Algorithm |
| 15. | 2101ECS28115 | M.KALAIVANI | M.Tech(CSE)-PT | Review of Internet of Things (IoT) for Future Generation Wireless Communications |
| 16. | 2101ECS28116 | V.RAKESH | M.Tech(CSE)-PT | A Smart Audit Teaching Case Using CAATs for Medicare |
| 17. | 2101ECS28117 | T.VAGISAN | M.Tech(CSE)-PT | A Multiscale Recurrent Neural Network Model for Long-Term Prediction of Geothermal Energy Production |
| 18. | 2101ECS28118 | R.MUTHUKRISHNAN | M.Tech(CSE)-PT | FSBD: A Framework for Scheduling of Big Data Mining in Cloud Computing |
| 19. | 2101ECS28119 | SANTHOSHKUMAR M | M.Tech(CSE)-PT | Intelligent IoT Security Monitoring based on Fuzzy Optimum-Path Forest Classifier |
| 20. | 2101ECS28120 | SARITHAC | M.Tech(CSE)-PT | Pan-sharpening with Customized Transformer and Invertible Neural Network |
| 21. | 2101ECS28121 | SATHISH KUMAR S | M.Tech(CSE)-PT | An Intelligent Algorithm for Highly Heterogeneous Arithmetic Grid Systems |
| 22. | 2101ECS28122 | RAJAN SHREE | M.Tech(CSE)-PT | SDN for IoT Environment: A Survey and Research Challenges |


 Head of the Department
 Department of Computer Science
 and Engineering
 Ponnalyal Ramajayan Institute of
 Science and Technology (PRIST)
 (Autonomous Department of the University
 of Applied Sciences and Technology)
 VADAIKAVUL - 622 402, VELLORE DISTRICT


 DEAN
 School of Engineering and Technology
 Ponnalyal Ramajayan Institute of
 Science and Technology (PRIST)
 Dattarajapuram, Vellore University
 Vellore, Tamil Nadu - 622 402.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : M. SANTHOSH
- Register No. : 2101ECSE28107
- Programme & Branch: M-Tech/PT Batch: 2021-2022 Semester:
CSE

II. Faculty Advisor Details

- Name of the Faculty Advisor : S. SORESH KUMAR
- Designation: AP Department: CSE

III. Details of Research Related Task Allotted:

- i. Description of Research Related Task CRYPTOGRAPHY

Cryptography is the science of securing information by transforming it into a form that is unintelligible to unauthorized parties.

- ii. Date of Allotment of the Task: 1/7/21

- iii. Due Date Proposed for Completion of Task: 31/7/21

Signature of the Student:

Signature of the Faculty Advisor

Head of the Department
Department of Computer Science
and Engineering

Date: 1/7/21

DEAN

Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST)
(Institution Deemed to be University
's 3 of the UGC Act, 1956)
TIRUVANANTHAPURAM - 611 303, TAMIL NADU.

School of Engineering and Tech.
Ponnaiyah Ramajayam Institute of
Science and Technology (PRIST)
Deemed to be University
Tiruvananthapuram - 611 303



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : M. SANTHOSH
- Register No. : 2101ECS28107
- Programme & Branch: M.Tech / PT Batch: 2021 - 2022 Semester: CSE

II. Faculty Advisor Details

- Name of the Faculty Advisor : S. SURESH KUMAR
- Designation: AP Department: CSE

III. Details of the Task Undertaken:

i. Details of the Task: CRYPTOGRAPHY


Cryptography is the science of sending information by transforming it into a form that is unintelligible to unauthorized parties

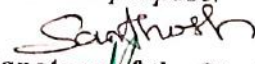
- ii. Date of Allotment of the Task: 1/7/21
- iii. Date of Completion of the Task: 31/7/21

IV. Declaration of the Student

I, M. SANTHOSH, a student of M.Tech / PT Programme (Reg.No. 2101ECS28107) hereby declare that I have completed the Research Related Task "Cryptography is the science of sending information by transforming it into a form that is unintelligible to unauthorized parties" upto the satisfaction of my Advisor and have submitted all related records to him on _____ Documents in support of completion of the task is enclosed herewith for evaluation purpose.

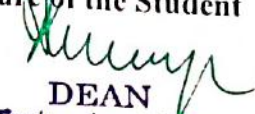
Date: 31/7/2021


Faculty Advisor


Signature of the Student


Head of the Department
Department of Computer Science and Engineering
Ponnaiyah Ramajayam Institute of Science & Technology (PRIST)
(Institution Deemed to be University
15 B of the UGC Act. 1956)
THANJAVUR - 613 403, TAMIL NADU.

HOD


DEAN
School of Engineering and Tech.
Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)
Deemed to be University
Vallam, Thanjavur - 613 403



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : M. SANTHOSH
- Register No. : 2101ECS28107
- Programme & Branch : M-Tech/PT CSE Batch: 2021-2022 Semester:

II. Faculty Advisor Details

- Name of the Faculty Advisor : S. SURESH KUMAR
- Designation: AP Department: CSE

III. Details of Research Related Task Allotted:

- i. Details of the Task Allotted: CRYPTOGRAPHY

Cryptography is science of securing information by transforming it into a form that is unintelligible to unauthorized parties

- ii. Date of Allotment of the Task: 1/7/21
- iii. Date of Completion of the Task: 31/7/21

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. M. SANTHOSH, a bonafide student of M-Tech/PT (Reg.No. 2101ECS28107) who has been allotted a Research Related Task "CRYPTOGRAPHY - It is science of securing information by transforming it into form to unauthorized" on 1/07/21, has successfully completed the above mentioned task on 31/07/21 to my satisfaction and has submitted all task completion related records to me.

Date: 31/07/21

Head of the Department
Department of Computer Science
and Engineering

Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST)
(Insulation Deemed to be University
/s 3 of the UGC Act, 1956)
THANJAVUR - 613 403, TAMIL NADU.

HOD

Signature of the Faculty Advisor

DEAN
School of Engineering and Tech.
Ponnaiyah Ramajayam Institute of
Science and Technology (PRIST)
Deemed to be University
Vallam, Thanjavur-613 403



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : V. PRIYANKA
- Register No. : 2101ECS28105
- Programme & Branch : M.TECH/PT Batch: 21-22 Semester: CSE

II. Faculty Advisor Details

- Name of the Faculty Advisor : V. GAYATHRI
- Designation: AP Department: CSE

III. Details of Research Related Task Allotted:

- i. Description of Research Related Task . DEEP LEARNING

Deep Learning is a method in artificial intelligence (AI) that teaches computers to process data in a way that is inspired by the human brain.

- ii. Date of Allotment of the Task: 11/7/21

- iii. Due Date Proposed for Completion of Task: 31/7/21

Signature of the Student:

Head of the Department
Department of Computer Science
and Engineering

Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST)
(Institution Deemed to be University
's 3 of the UGC Act 1956)
THANJAVUR - 613 403, TAMIL NADU.

Date: 11/7/21

Signature of the Faculty Advisor

DEAN
School of Engineering and Tech.
Ponnaiyah Ramajayam Institute of
Science and Technology (PRIST)
Deemed to be University
Vallam, Thanjavur-613 403.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : V. PRIYANKA
- Register No. : 2101ECS28105
- Programme & Branch : MTECH/PT Batch: 21-22 Semester: CSE

II. Faculty Advisor Details

- Name of the Faculty Advisor : V. GANATHI
- Designation: AP Department: CSE

III. Details of the Task Undertaken:

- i. Details of the Task: DEEP LEARNING

It is AI that teaches to process data in a way human brain

- ii. Date of Allotment of the Task: 1/7/21
- iii. Date of Completion of the Task: 31/7/21

IV. Declaration of the Student

I, V. PRIYANKA, a student of MTECH/PT Programme (Reg.No. 2101ECS28105), hereby declare that I have completed the Research Related Task "Deep Learning: It is used for AI that teaches computer to process data in a way by the human brain" upto the satisfaction of my Advisor and have submitted all related records to him on 31/7/21. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 31/7/21

V. Ganathi
Faculty Advisor

V. Priyanka
Signature of the Student

Head of the Department
Department of Computer Science
and Engineering
Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST)
(Institution Deemed to be University
as per the UGC Act, 1956)
THANJAVUR - 613 403, TAMIL NADU.

HOD

DEAN
School of Engineering and Tech.
Ponnaiyah Ramajayam Institute of
Science and Technology (PRIST)
Deemed to be University
Vallam, Thanjavur - 613 403



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : V. PRIYANKA
- Register No. : 2101EC28105
- Programme & Branch : M.TECH/PT Batch: 21-22 Semester: CSE

II. Faculty Advisor Details

- Name of the Faculty Advisor : V. GAYATHRI
- Designation: AP Department: CSE

III. Details of Research Related Task Allotted:

- i. Details of the Task Allotted: DEEP LEARNING.
It is AI that teaches to process data in a human brain.
- ii. Date of Allotment of the Task: 17/12
- iii. Date of Completion of the Task: 31/12

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. V. PRIYANKA, a bonafide student of M-TECH-PT (Reg.No. 2101EC28105) who has been allotted a Research Related Task "Deep Learning - It is used for AI that teaches computer to process" on 17/12, has successfully completed the above mentioned task on 31/12 to my satisfaction and has submitted all task completion related records to me.

Date: 31/12/21

Head of the Department
 Department of Computer Science and Engineering
 Ponnaiyah Ramajayam Institute of Science & Technology (PRIST)
 (Institution Deemed to be University
 U/s 3 of the UGC Act, 1956)
 THANJAVUR - 613 403, TAMIL NADU.

HOD

V. Gayathri
 Signature of the Faculty Advisor

[Signature]
 DEAN
 School of Engineering and Tech.
 Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)
 Deemed to be University
 Vallam, Thanjavur - 613 403.



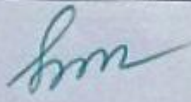
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THANJAVUR - 613 403 - TAMILNADU

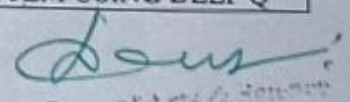
SCHOOL OF ARTS AND SCIENCE

DEPARTMENT OF COMPUTER SCIENCE

1.3.3 NUMBER OF STUDENTS UNDERTAKING RESEARCH PROJECTS - 2021-2022

| S.NO | PROGRAM CODE | NAME | RESEARCH PROJECT |
|------|--------------|-------------------|----------------------------------------------------------------------------------|
| BCA | | | |
| 1 | 19UGCOAGE | SIVAKUMAR D | EXPENSE TRACKER |
| 2 | 19UGCOAGE | DEVADHARSHINI S | DIGITAL SOLUTION INTEGRATE THE SCHOLARSHIP SCHEME WITH PERFORMANCE |
| 3 | 19UGCOAGE | VIJAYA KUMARI S | EXAM CELL AUTOMATION SYSTEM |
| 4 | 19UGCOAGE | VEENA SRI M | ADVANCED E-VOTING APPLICATION USING ANDROID PLATFORM |
| 5 | 19UGCOAGE | THINEKA S | APPLICATION FOR RAILWAY RESERVATION WITH SAFETY AND SECURITY CONCERNS |
| 6 | 19UGCOAGE | KARAN KUMAR | ELECTRIC VEHICLE CHARGING STATION SLOT RECOMMENDATION SYSTEM USING QUEUING MODEL |
| 7 | 19UGCOAGE | GOWSHIK S | CYBER CRIME REPORTING SYSTEM |
| 8 | 19UGCOAGE | RAGAVI R | DETECTING E BANKING PHISHING WEBSITES USING ASSOCIATIVE CLASSIFICATION |
| 9 | 19UGCOAGE | AARTHI B | A DEEP LEARNING BASED FACE MASK AND SOCIAL DISTANCE DETECTION FOR COVID-19 |
| 10 | 19UGCOAGE | MOHAMED RIYAS M | PUBLIC DISTRIBUTION SYSTEM |
| 11 | 19UGCOAGE | AHAMED YUSOUF B | KNOWNANDUNKNOOWNFACESMART HOME DOOR LOCK SYSTEM USING AI AND EDGE COMPUTING |
| 12 | 19UGCOAGE | MOHAMED IBRAHIM N | SECURE CLOUD DATA ACCESS WITH INTEGRITY MOBILE NETWORKS |
| 13 | 19UGCOAGE | YOGARAJAN K | LOAN TRACKER |
| 14 | 19UGCOAGE | JENCY LURTHA J | SECURE CLOUD DATA ACCESS WITH INTEGRITY MOBILE NETWORK |
| 15 | 19UGCOAGE | SUPRIYA A L | QLESS: VIRTUAL QUEUE FOR PUBLIC DISTRIBUTION SYSTEM USING DEEP Q |


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|----|-----------|-------------------|----------------------------------------------------------------------------|
| | | | LEARNING BASED SLOT PREDICTION |
| 16 | 19UGCOAGE | KARTHIKEYAN R | VISUAL CRYPTOGRAPHY USING COLOR PLATTELS |
| 17 | 19UGCOAGE | SHEIK ABDULLAH S | PHARMACY MANAGEMENT SYSTEM |
| 18 | 19UGCOAGE | SANTHOSH KUMAR A | CYBER BULLYING DETECTION USING DEEP LEARNING MODEL |
| 19 | 19UGCOAGE | KUMARAN R | STUDENT SCHOOL MANAGEMENT SYSTEM |
| 20 | 19UGCOAGE | YASAR ARAFATH M | PAYMENT BILLING SYSTEM |
| 21 | 19UGCOAGE | NIKASH S | CHILDREN VACCINATION REMAINDER |
| 22 | 19UGCOAGE | VIGNESH S | VOTE FROM ANYWHERE THROUGH WEB SERVICES |
| 23 | 19UGCOAGE | VISHWA B | FARMING ASSISTANCE WEB SERVICE |
| 24 | 19UGCOAGE | ABIMANI S V | ONLINE FURNITURE MANAGEMENT |
| 25 | 19UGCOAGE | KIRUBA SRI M | LOCATION BASED TASK REMINDER |
| 26 | 19UGCOAGE | VENKATESH M | EXAM CELL AUTOMATION SYSTEM |
| 27 | 19UGCOAGE | PARTHIBAN B | ILLUSION PIN BASED TRANSACTIONS |
| 28 | 19UGCOAGE | NAVSHEER AHAMED M | E-COMMERCE WEBSITE |
| 29 | 19UGCOAGE | MOHAMED IQBAL U | NEXT GENERATION SMART STREET LIGHT MONITORING SYSTEM USING CLOUD COMPUTING |
| 30 | 19UGCOAGE | UDHAYAKUMAR S | ONLINE PAYMENT SYSTEM |
| 31 | 19UGCOAGE | HARIHARAN J | HOSPITAL MANAGEMENT SYSTEM |
| 32 | 19UGCOAGE | GANESH A | ONLINE EXAM NOTIFICATION |
| 33 | 19UGCOAGE | AARTHI S | ONLINEBANKING SYSTEM |
| 34 | 19UGCOAGE | SUDHA P | FINGERPRINT BASED ATM SYSTEM |
| 35 | 19UGCOAGE | SHAIK FARVESH M | SPORTS EVENT NOTIFICATION SYSTEM USING RSFEED |
| 36 | 19UGCOAGE | USHARANI K S | INSURANCE MANAGEMENT |
| 37 | 19UGCOAGE | RASIKA R | DIGITALIZED AGRO LOAN ANALYSIS |
| 38 | 19UGCOAGE | GOWTHAM V | STAMP ENABLING PRIVACY |
| 39 | 19UGCOAGE | HARIHARAN M | ONLINE SHOPPINGSYSTEM |
| 40 | 19UGCOAGE | SANTHANA VIJAY A | SPORTS TOURNAMENT ORGANIZATION SYSTEM |

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|-----------------|-----------|-------------------|-----------------------------------------------------------------------------------------------|
| 41 | 19UGCOAGE | VINOTH V | FACE PIN:FACE BIOMETRIC AUTHENTICATION SYSTEM FOR ATM DEEP LEARNING |
| 42 | 19UGCOAGE | UDHAYAKUMAR S | CLOTH REPLACE SHOP SYSTEM |
| 43 | 19UGCOAGE | ABDUL RAHIM S | MOVIES RECOMMENDATIONS BY USING MACHINE LEARNING |
| 44 | 19UGCOAGE | SIVABALAN S | HOTEL CATALOGUE MANAGEMENT SYSTEM |
| 45 | 19UGCOAGE | KEERTHANA M | CROP YIELD RECOMMENDER SYSTEM BASED ON CLASSIFICATION OF SOIL TYPE USING AI AND DEEP LEARNING |
| 46 | 19UGCOAGE | GOKUL KR | ON ROAD VEHICLE BREAKDOWN ASSISTANCE |
| 47 | 19UGCOAGE | MOHAMED ARSHATH A | BLOOD VAULE AUTHORITY SYSTEM |
| 48 | 19UGCOAGE | ARAVIND B | ONLINE MEDICAL CAMP NOTIFICATION SYSTEM |
| 49 | 19UGCOAGE | LUKESHKANNA S | SMART CLASS ROOM ATTENDANCE SYSTEM USING GROUP FACE RECOGNITION |
| 50 | 19UGCOAGE | SARATH KUMAR M | DEPRESS API ONLINE SOCIAL NETWORKS USERS DEPRESSION DETECTION |
| B.Sc(CS) | | | |
| 51 | 19UGCSGE | JOHN JOSEPH E | ILLUSION PIN BASED TRANSACTION |
| 52 | 19UGCSGE | PRIYANKA S | ONLINE CRIME MANAGEMENT SYSTEM |
| 53 | 19UGCSGE | NIRUBAMA J | Online Live Courier Tracking and Delivery System Project |
| 54 | 19UGCSGE | GURUPRASATH K | BLOOD BANK MANAGEMENT SYSTEM |
| 55 | 19UGCSGE | VIGNESWARAN T | E-LEARNING WEBSITE |
| 56 | 19UGCSGE | JAVEETH K | ANTI-THEFT MOBILE TRACKER |
| 57 | 19UGCSGE | SRI SUVETHA S | ONLINE JOB PORTAL MANAGEMENT SYSTEM |
| 58 | 19UGCSGE | AHAMED ABDULLAH | DATA SHARING WITH FORWARD SECRECY |
| 59 | 19UGCSGE | SATHISHKUMAR G | A SMART POWER METER TO RECHARGE ELECTRIC VEHICLES |
| 60 | 19UGCSGE | KARUPPASAMY S | AGRICULTURE DEPUTY WEBSERVICE |
| 61 | 19UGCSGE | AHAMED RAFI I S | EB BILLING AND INFORMATION |
| 62 | 19UGCSGE | SANJAY S | Task Management Application |
| 63 | 19UGCSGE | DHINESH M | SMART PARKING MANAGEMENT SYSTEM |
| 64 | 19UGCSGE | MAHADEVAN M | IDENTIFICATION OF MAC ADDRESS USING EFFICIENT TRAITOR TRACING AND REVOCATION |

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|----|----------|------------------|-------------------------------------------------|
| 65 | 19UGCSGE | MAHESHWARAN P | e-Authentication System. |
| 66 | 19UGCSGE | KAVI SURIYAN R | Face Detection |
| 67 | 19UGCSGE | TAMILINBAN M | system USING machine learning algorithm |
| 68 | 19UGCSGE | SUBHASHINI R | E-COMMERCE WEBSITE |
| 69 | 19UGCSGE | ARIVAZHAGAN M | MARKSHEET GENERATION |
| 70 | 19UGCSGE | VENKATESH K | PAYMENT BILLNG SYSTEM |
| 71 | 19UGCSGE | MANIKANDAN R | ONLINE VEHICLE WORKSHOP |
| 72 | 19UGCSGE | DHINAKRAN N | Online Auction System |
| 73 | 19UGCSGE | MOHAMED ASHIK M | Hospital Management System |
| 74 | 19UGCSGE | VIGNESH S | Real-time web search engine |
| 75 | 19UGCSGE | PRIYADHARSHINI S | Android Battery Saver System |
| 76 | 19UGCSGE | KARTHIKA P | Online eBook Maker |
| 77 | 19UGCSGE | JAYASREE D | INTERNET BANKING SYSTEM |
| 78 | 19UGCSGE | MOURIYA M | Mobile Wallet with Merchant Payment |
| 79 | 19UGCSGE | GOKILAVANI P | Restaurant Booking Website |
| 80 | 19UGCSGE | SANTHOSH B | SMS Spam Filtering |
| 81 | 19UGCSGE | CHEZHIAN K | STUDENT DATA MANAGEMENT |
| 82 | 19UGCSGE | HAREESH S | WEB BASED EXAM NOTIFICATION SYSTEM |
| 83 | 19UGCSGE | YOSUVA J | Twitter Sentiment Analysis |
| 84 | 19UGCSGE | RAJASUNDHAR B | Advanced Reliable Real Estate Portal |
| 85 | 19UGCSGE | VIGNESHWARAN S | ONLINE HOSTEL MANAGEMENT SYSTEM |
| 86 | 19UGCSGE | RANJITH K | ORGAN & BLOOD DONATION BASED ON WEB APPLICATION |
| 87 | 19UGCSGE | VEERARAJ K | BANK MANAGEMENT SYSTEM |
| 88 | 19UGCSGE | RAGUPATHI K | Image Processing by using Python |
| 89 | 19UGCSGE | MURALI M | Admission Enquiry Chat Bot Project |
| 90 | 19UGCSGE | ARAVINTH D | Android Smart City Travelling Project |
| 91 | 19UGCSGE | MUTHU A | ORGAN DONATION SYSTEM |

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| | | | |
|-----|----------|----------------|------------------------------------------------|
| 92 | 19UGCSGE | BALAJI C | Optical Character Recognition System (OCR) |
| 93 | 19UGCSGE | RAGUNATHAN R | Secure Online Auction Portal Project |
| 94 | 19UGCSGE | MANIKANDAN S | Detection of Credit Card Fraud System |
| 95 | 19UGCSGE | VIKRAM G | COLLEGE STAFF SCHEDULING |
| 96 | 19UGCSGE | PRITHIVIRAJA D | AADHAR CARD BASED RAILWAY TICKET BOOKING |
| 97 | 19UGCSGE | SIVA D | Library Management System |
| 98 | 19UGCSGE | VIGNESH R | Real Estate Search Based on the Data Mining |
| 99 | 19UGCSGE | THIYAGARAJAN S | Robotic Vehicle Controlled by Using Voice |
| 100 | 19UGCSGE | JOHN JOSEPH E | Student Attendance by using Fingerprint Reader |



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DEAN

Dean of Arts & Science
PRIST Deemed to be University
Thanjavur - 613 403, Tamil Nadu.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : K. Ranjith
- Register No. : 1901 CS1053
- Programme & Branch : B.Sc[CS] Batch: 2019-2022 Semester: V

II. Faculty Advisor Details

- Name of the Faculty Advisor : H. Parveen Begum.
- Designation: Assistant Professor Department: Computer science.

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

This encompasses a wide range of responsibilities from ensuring regulatory compliance to optimizing operational efficiency, risk management, customer service and financial product development

ii. Date of Allotment of the Task:

12/11/21

iii. Due Date Proposed for Completion of Task:

24/12/21

Signature of the Student:

K. Ranjith

Signature of the Faculty Advisor

H. Parveen Begum

Date:

27/12/21



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : K. Ranjith
- Register No. : 1901 CS1053
- Programme & Branch : B.Sc [CS] Batch: 2019-2022 Semester: V

II. Faculty Advisor Details

- Name of the Faculty Advisor : H. Parveen Begum
- Designation: Assistant Professor Department: Computer Science

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Collecting the Banking related data.

ii. Date of Allotment of the Task:

12/11/21

iii. Date of Completion of the Task:

24/12/21

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. K. Ranjith, a bonafide student of B.Sc [CS]

(Reg.No. 1901CS1053) who has been allotted a Research Related Task “

Collecting the Banking related data. “on

_____ , has successfully completed the above mentioned task on 24/12/21 to my satisfaction and has

submitted all task completion related records to me.

Date: 27/12/21

H. Parveen Begum
Signature of the Faculty Advisor

HOD

Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : K. Ranjith.
- Register No. : 1901CS1053
- Programme & Branch : BSc [CS] Batch: 2019-2022 Semester: V

II. Faculty Advisor Details

- Name of the Faculty Advisor : H. Paaveen Begum.
- Designation: Assistant Professor, Department: Computer Science.

III. Details of the Task Undertaken:

i. Details of the Task:

Collecting the Banking related data.

ii. Date of Allotment of the Task:

12/11/21

iii. Date of Completion of the Task:

24/12/21

IV. Declaration of the Student

I, K. Ranjith, a student of B.Sc (CS) Programme (Reg.No. 1901CS1053) hereby declare that I have completed the Research Related Task" collecting the Banking related data.

upto the satisfaction of my Advisor and have submitted all related records to him on 27/12/21
Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 27/12/21

H. Paaveen Begum
Faculty Advisor

K. Ranjith
Signature of the Student

[Signature]

HOD

BANK MANAGEMENT SYSTEM

A Dissertation submitted in partial fulfillment of the requirements for the
Award of the Degree of

Bachelor of Computer Application

Computer Application

by

RANJITH K
(1901CS1052)

Under the Guidance of
H PARVEEN BEGUM M.Sc.,M.Phil.,



DEPARTMENT OF COMPUTER SCIENCE

PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY
[PRIST]
THANJAVUR – 613403 – TAMIL NADU




PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY
[PRIST]
THANJAVUR – 613403 – TAMIL NADU

Declaration

I, RANJITH K, hereby declare that the work presented in the Dissertation “BANK MANAGEMENT SYSTEM” submitted to the PRIST, Thanjavur-613403 for the award of the degree of Master of Philosophy by Research is an original record of research Work carried out by me under the supervision of “Mrs. H PARVEEN BEGUM M.Sc.,M.Phil., Assistant Professor, Department of Computer Science, Ponnaiyah Ramajayam Institute of Science and Technology, [PRIST] DEEMED TO BE UNIVERSITY Thanjavur”. The Contents of this dissertation, in full or in parts, have not been submitted to any other institute or University for the award of any Degree or diploma, membership, fellowship, associate ship etc.. in keeping with the general practice in reporting scientific observation, due acknowledgement has been made whenever the work described is based on the findings of other investigation.

Place: Thanjavur.
Date: 3.1.2022


Signature of the research scholar



PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY
[PRIST]
THANJAVUR – 613403 – TAMIL NADU

Guide Name : Mrs. H PARVEEN BEGUM M.Sc.,M.Phil.,
Designation : Assistant Professor
Affiliation : Department of Computer Science, PRIST University.

Bona-fide Certificate

This is to certify that the Dissertation titled "BANK MANAGEMENT SYSTEM" submitted to the PRIST, Thanjavur-613403 for the award of the degree of Master of Philosophy by Research is a Bona-fide record of research Work carried out by him/her under the supervision. The Contents of this dissertation, in full or in parts, have not been submitted to any other institute or University for the award of any Degree or diploma, membership, fellowship or any similar title and that it represents entirely an independent work on the part of the candidate.

Thanjavur – 613403
Date: 3.1.2022


Signature of the Guide



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SCHOOL OF ARTS AND SCIENCE
DEPARTMENT OF ENGLISH
2021 – 2022
PARTICIPATION IN BOUNDED RESEARCH- 19111BRC56
B.A ENGLISH

| S.NO | NAME | REGISTER NUMBER | PROJECT TITLES |
|------|---------------------|-----------------|-----------------------------------------------------------------------------------|
| 1 | Pragathi R | 1901EN1001 | New Approaches in Neil Gaiman's A children fantasy |
| 2 | Mathan Kumar V | 1901EN1002 | A Study of Global English |
| 3 | Magesh V | 1901EN1003 | Importance of girl education I'm Malala |
| 4 | Abdul Rahman S | 1901EN1004 | That long silence by Shashi desponde- Show How the women get ruin by our society |
| 5 | Swetha S | 1901EN1005 | Love and affections in Shakespeare's Romeo Juliet |
| 6 | Aswin Raj S | 1901EN1006 | Professional Telephoning Communication. |
| 7 | Priyadharshini S | 1901EN1007 | Exploitation and incarceration in Girish Karnad's Nagamandala. |
| 8 | Mukilan S | 1901EN1008 | Importance of soft skills |
| 9 | Kalpana M | 1901EN1009 | Mouth to Mouth –Acquiring speaking skills |
| 10 | Sanjana V | 1901EN1010 | Rise of nationalism in Jawaharlal Nehru's The discovery of India |
| 11 | SureshKumar M | 1901EN1011 | A Study on Sources of Learning English Language |
| 12 | Muthupandi M | 1901EN1012 | An Intersectional Feminist critique of the Limerick as a subversive verse form." |
| 13 | Chellamuthu M | 1901EN1013 | The location of culture" in Arundathi Roy's "The God of Small Things". |
| 14 | Kaviya R | 1901EN1014 | Diaspora in Jhumpa Lahiri's "Namesake" |
| 15 | Arun P | 1901EN1015 | Thematic study in Things Fall Apart by Chinua Achebe |
| 16 | Azhagu Muthupandi M | 1901EN1016 | Justice for Bleeding Women: Resisting the "Doctor-God" in <i>Deluge</i> |
| 17 | Dinesh Kumar M | 1901EN1017 | Theme of loneliness in Ruskin Bond's Sparrow |
| 18 | Ashnah Justus | 1901EN1018 | The Case for Comparative Discourse in Adaptation Studies |
| 19 | Muthu Kumaran M | 1901EN1019 | Knowledge and Truth in "The Things They Carried" |
| 20 | Vithya P | 1901EN1020 | Important Analysis on popular literature |
| 21 | Ragavi S | 1901EN1021 | New approaches in Toni Morrison's Sula: Temporal |
| 22 | Saravanakumar M.R | 1901EN1022 | The Deconstruction of Gendered Literary Tradition in James Joyce's <i>Ulysses</i> |
| 23 | Udhayakumar k | 1901EN1023 | Shakespeare's Literary Canon on Grief, Trauma, Gender, and Class |

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| | | | |
|----|--------------------------|------------|-----------------------------------------------------------------------------------------------------------|
| 24 | Raja Ganapathi G.N | 1901EN1024 | Culture Analysis on Shiv K. Kumar's Indian Women |
| 25 | Kameshwaran D.K | 1901EN1025 | Patriotism in Joginder paul's Sleep walker |
| 26 | Nagarajan A | 1901EN1026 | Paradise Queered in Speaking Eve's Body Language in Paradise Lost |
| 27 | Christo Abineve M | 1901EN1027 | Magical, Realism, and the Refugee Experience in Mohsin Hamid's Exit West |
| 28 | Tamizharasan S | 1901EN1028 | Experience is Revelation" in Mei-mei Berssenbrugge's Hello, the roses |
| 29 | Thilagavathi P | 1901EN1029 | Telling the Truth: Trauma Healing in Autobiographical Narratives by Jeanette Winterson and Alexander Chee |
| 30 | Bazaleel Richard Joseph | 1901EN1030 | Nostalgic things on R.K. Narayan's My Days . |
| 31 | C.Bazaleel Richard Josep | 1901EN1031 | Theme of Women Sacrifice in selected Indian Novels |
| 32 | R.S.Samyuktha | 1901EN1032 | Submission and Solitude in Harlowe's Voice through the Significance of Letter Writing |
| 33 | J.Vinothini | 1901EN1033 | Role of women in African literary works |
| 34 | P.Ranjani | 1901EN1034 | Significance of New Approaches in Romantic poet |

R. Vijayar.

HOD

Department of English
Ponnalyah Ramajayam Institute of
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Vallam, Thanjavur - 613 403.

[Signature]

Dean

School of Arts & Science
Ponnalyah Ramajayam Institute of
Science & Technology (PRIST)
Deemed to be University
Vallam, Thanjavur - 613 403.

Thematic study in Things Fall Apart by Chinua Achebe

**Participation in Bounded research Submitted as Partial fulfillment of the
requirements for the award of the Degree of**

BACHELOR OF ARTS

IN ENGLISH

By

Arun.P

(REG. No: 1901EN1015)



DEPARTMENT OF ENGLISH

PONNAIYAH RAMAJAYAM INSTITUTION OF SCIENCE & TECHNOLOGY

THANJAVUR - 613 403.

November – 2021



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)
Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : P. ARUN
- Register No. : 1901EN1015
- Programme & Branch : BA, ENGLISH Batch: 2019 Semester: V

II. Faculty Advisor Details

- Name of the Faculty Advisor : S. PUNNIYAMOORTHY
- Designation: ASSISTANT PROFESSOR Department: ENGLISH

III. Details of Research Related Task Allotted:

- i. Description of Research Related Task

Thematic Study in Things Fall Apart by Chinua Achebe.

- ii. Date of Allotment of the Task: 07.09.2021
- iii. Due Date Proposed for Completion of Task: 25.11.2021

Arun. P
Signature of the Student:

S. P. Moorthy
Signature of the Faculty Advisor

Date: 25.11.2021

S. P. Moorthy
HOD



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : P. ARUN
- Register No. : 1901EN1015
- Programme & Branch : BA, ENGLISH Batch: 2019 Semester: V

II. Faculty Advisor Details

- Name of the Faculty Advisor : S. PUNNIYAMOORTHY
- Designation: ASSISTANT PROFESSOR Department: ENGLISH

III. Details of the Task Undertaken:

i. Details of the Task:

Thematic Study in Things Fall Apart by Chinua Achebe

ii. Date of Allotment of the Task:

07-09-2021

iii. Date of Completion of the

25-11-2021

Task:

IV. Declaration of the Student

I, P. ARUN, a student of BA ENGLISH Programme (Reg.No. 1901EN1015), hereby declare that I have completed the Research Related Task "Thematic Study in Things Fall Apart by Chinua Achebe" upto the satisfaction of my Advisor and have submitted all related records to him on 25.11.2021. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 25.11.2021

Arun P
Signature of the Student

S. P. Moorthy
Faculty Advisor

Rajawam
HOD



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : P. ARUN
- Register No. : 1901EN1015
- Programme & Branch : BA, ENGLISH Batch: 2019 Semester: V

II. Faculty Advisor Details

- Name of the Faculty Advisor : S. PUNNIYAMOORTHY
- Designation: ASSISTANT PROFESSOR Department: ENGLISH

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Thematic Study in Things Fall Apart by Chinua Achebe

ii. Date of Allotment of the Task:

07.09.2021

iii. Date of Completion of the

25.11.2021

Task:

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. P. ARUN, a bonafide student of BA ENGLISH

(Reg.No. 1901EN1015) who has been allotted a Research Related Task "Thematic Study in

Things Fall Apart by Chinua Achebe" on

07.09.2021 has successfully completed the above mentioned task on 25.11.2021 to my satisfaction and has

submitted all task completion related records to me.

Date: 25.11.2021

P. Punniyamoorthy
HOD

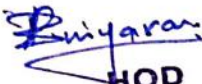
S. Punniyamoorthy
Signature of the Faculty Advisor



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DEPARTMENT OF ENGLISH
PROJECT-20211PRW45
M.A ENGLISH
2021-2022

| S.NO | NAME | REGISTER NUMBER | PROJECT TITLES |
|------|---------------------|-----------------|----------------------------------------------------------------------------------------------------|
| 1 | BALASUBRAMANIYAN. A | 2001EN20101 | Love and forgiveness in Shakespeare's The Tempest. |
| 2 | VINOTH S | 2001EN20102 | Joyce's "Poetical Evacuations": Bathos and the Depersonalization of Comedy in <i>Ulysses</i> |
| 3 | R.ARUNRAJVEL | 2001EN20103 | Late Capitalist Rupture and Immigrant Recovery in Ling Ma's Severance |
| 4 | K.KARTHICK | 2001EN20104 | Bio transformations and Community Building in Octavia Butler's Patternist Series |
| 5 | R.KIRUBAKARAN | 2001EN20105 | Dramatic Performance on Emily Dickinson "This is my letter to the World" |
| 6 | S.THARUN | 2001EN20106 | Feminine perspective in Chitra Banerjee's Sister of My Heart |
| 7 | N.KALAYVENTHAN | 2001EN20107 | The paradox of a transcendent connection to nature in Kierkegaard's Knight of Faith |
| 8 | N.SRIDEVI | 2001EN20201 | Re-envisioned friendship in the Merchant of Venice |
| 9 | SV. SANGEETHA | 2001EN20202 | Feminine sensibility in Manju Kapur |
| 10 | S.MEENASRI | 2001EN20203 | Feminism-That long silence in Shashi Desponde |
| 11 | F.VASANTHAMARRY | 2001EN20204 | Racialized Representation in Black Beings, Gender. |
| 12 | J.AFIYA | 2001EN20205 | The Babbling of a Wandering Child in Henry Roth's The Child's Perceptions and Adult Misperceptions |
| 13 | A.ARUNA | 2001EN20206 | Magic and Realism in Mohsin Hamid's Exit West |
| 14 | V.ESHA | 2001EN20207 | Memory and Identity in Lyn Hejinian's My Life |
| 15 | K.JAYASUDHA | 2001EN20208 | Ethical Knowledge of Others in Virginia Woolf's To The Lighthouse |
| 16 | M.KALIAMMA | 2001EN20209 | Justification of the title Success in counted sweetest by Emily Dickenson |
| 17 | R.MANIMALAR | 2001EN20210 | Divine qualities in Rabindranath Tagore's Selected Works |


HOD
Department of English
Ponnalyah Ramajayam Institute of
Science & Technology (PRIST)
Deemed to be University
Vallam, Thanjavur - 613 403.


Dean
School of Arts & Science
Ponnalyah Ramajayam Institute of
Science & Technology (PRIST)
Deemed to be University
Vallam, Thanjavur - 613 403.

Love and forgiveness in Shakespeare's "The Tempest"

**Project Submitted as Partial fulfillment of the requirements for the award of the
Degree of**

MASTER OF ARTS IN ENGLISH

By

BALASUBRAMANIYAN. A

(REG. No : 2001EN20101)



DEPARTMENT OF ENGLISH

PONNAIYAH RAMAJAYAM INSTITUTION OF SCIENCE & TECHNOLOGY

THANJAVUR - 613 403.

April - 2022



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Declaration

I A.BALASUBRAMANIYAN hereby declare that the work presented in the research "Love and forgiveness in Shakespeare's The Tempest" submitted to the PRIST Deemed to Be University, Thanjavur-613 403 for the award of the degree of Master of Arts by Research is an original record of research work carried out by me under the supervision of Dr.E.Geetha, Assistant Professor, Department of English, PRIST University. The contents of this research, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma, membership, fellowship, associate ship etc. In keeping with the general practice in reporting scientific observation, due acknowledgement has been made whenever the work described is based on the findings of other investigators.

Place: *Thanjavur*
Date: *25.04.2021*

A. Balasubramanian
Signature of the Research Scholar



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Dr.E.Geetha,

Assistant Professor

Department of English,

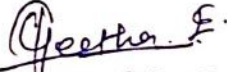
PRIST University.

Bona-fide Certificate

This is to certify that the research titled “**Love and forgiveness in Shakespeare’s The Tempest**”, submitted by **A.BALASUBRAMANIYAN** to the **PRIST Deemed to Be University**, Thanjavur – 613 403 for the award of the degree of Master of Arts by Research is a bonafide record of research work carried out by her under my supervision. The contents of this research, in full or in parts, have not been submitted to any other Institute or University for the award of any degree, associate ship, fellowship or any similar title and that it represents entirely an independent work on the part of the candidate.

Thanjavur-613 403

Date: 25.04.2021


Signature of the Guide



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SCHOOL OF ARTS AND SCIENCE
DEPARTMENT OF ENGLISH
2021 - 2022
M.PHIL PROJECT

| S.NO | NAME | REGISTER NUMBER | PROJECT TITLES |
|------|------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------|
| 1 | RANJITH K .M | 2101EN30101 | Linguistic Study of Selected Nigerian Children's Poems |
| 2 | NANTHINI .V | 2101EN30201 | Culture analysis in Wole Soyinka's "The Lion and the Jewel" |
| 3 | RAKINI. R | 2101EN30202 | Influence of Nature And Nurture In Bessie Head's A Woman Alone And The Cardinals |
| 4 | ANBARASI R | 2101EN30203 | Influence of Nature And Nurture In Bessie Head's A Woman Alone and The Cardinals |
| 5 | AROCKIAVINOT HAMARY. A | 2101EN30204 | Homosexuality In Jude Dibia's Walking With Shadows And Wole Soyinka's The Interpreters |
| 6 | MEKALA .K | 2101EN30205 | Historical elements in Helon Habila's Waiting For An Angel |
| 7 | KAVITHA .M | 2101EN30206 | Enemies of Their Own: Female Characters in Nawal El Saadawi's Woman At Point Zero And Rebeka Njau's Ripples In The Pool |
| 8 | VIDYA A.S | 2101EN30207 | Eco critical Analysis of Tanure Ojaide's The Activist And Kaine Agary's Yellow-Yellow |

S. Sivaraj

HOD

Department of English
Ponnalyah Ramajayam Institute of
Science & Technology (PRIST)
Deemed to be University
Vallam, Thanjavur - 613 403.

[Signature]

Dean

School of Arts & Science
Ponnalyah Ramajayam Institute of
Science & Technology (PRIST)
Deemed to be University
Vallam, Thanjavur - 613 403.

Historical elements in Helon Habila's Waiting for an Angel

Project Submitted as Partial fulfillment of the requirements for the award of the
Degree of

MASTER OF PHILOSOPHY

IN ENGLISH

By

MEKALA .K

(REG. No: 2101EN30205)



DEPARTMENT OF ENGLISH

PONNAIYAH RAMAJAYAM INSTITUTION OF SCIENCE & TECHNOLOGY

THANJAVUR - 613 403.

April – 2022



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Declaration

I **K.MEKALA** hereby declare that the work presented in the research “**Historical elements in Helon Habila’s Waiting For An Angel**” submitted to the **PRIST Deemed to Be University, Thanjavur-613 403** for the award of the degree of Master of Philosophy by Research is an original record of research work carried out by me under the supervision of **Dr.R.A.Rajasekaran, Professor, Department of English, PRIST University**. The contents of this research, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma, membership, fellowship, associate ship etc. In keeping with the general practice in reporting scientific observation, due acknowledgement has been made whenever the work described is based on the findings of other investigators.

Place: *Thanjavur.*
Date: *25.04.2022*

Mekala .k
Signature of the Research Scholar



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THANJAVUR – 613 403 - TAMILNADU

Dr.R.A.Rajasekaran
Associate Professor
Department of English,
PRIST University.

Bona-fide Certificate

This is to certify that the research titled “**Historical elements in Helon Habila’s Waiting For an Angel**”, submitted by **K.MEKALA** to the **PRIST Deemed to Be University**, Thanjavur – 613 403 for the award of the degree of Master of Philosophy by Research is a bonafide record of research work carried out by her under my supervision. The contents of this research, in full or in parts, have not been submitted to any other Institute or University for the award of any degree, associate ship, fellowship or any similar title and that it represents entirely an independent work on the part of the candidate.

Thanjavur-613 403
Date: 25.04.2022


Signature of the Guide



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SCHOOL OF ARTS AND SCIENCE

DEPARTMENT OF PHYSICS
2021-2022


1.3.4 NUMBER OF STUDENTS UNDERTAKING RESEARCH PROJECTS

| S.NO | NAME | REG.NO | RESEARCH PROJECT |
|------|------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 1. | P.YOGAPRIYA | 2001PH10201 | Influence of preparation conditions on the properties of ZnSe nanolayers potentially suitable for gas sensing |
| 2. | S.ASVINA | 2001PH10202 | Modification of surface morphology and lattice order in nanocrystalline ZnO thin films prepared by spin coating sol gel method |
| 3. | DHARSHINI | 2001PH10203 | Properties of intermetallic (Co-Sn, Ni-Sn, Co-Ni) nanoparticles and their carbon nanocomposites depending on the elemental composition |
| 4. | C.PREETHI | 2001PH10204 | Correlation between synthesis methods and physicochemical behavior of BaTiO ₃ |
| 5. | M.SANTHOSH KUMAR | 2001PH10205 | Concepts and medical applications Kinetics of solubilisation of dodecanol molecules with controlled convective diffusion |
| 6. | S.SUREKHA | 2001PH10206 | Nanometrology Nano fundamentals for dreamer-engineers |
| 7. | M.PRATHAP | 2001PH10207 | Structural, optical, and biological properties of L-alanine single crystal by slow evaporation method |
| 8. | RAGHUL KUMAR | 2001PH10208 | Growth and Characterization of Pure and Doped L-Alanine Tartrate Single Crystals |

| | | | |
|-----|----------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9. | K.OVIYA | 2001PH10209 | Spectroscopic Investigation of the Effect of Microstructure and Energetic Offset on the Nature of Interfacial Charge Transfer States in Polymer: Fullerene Blends |
| 10. | MAHA LAKSHMI M | 2001PH10210 | Spectroscopic and quantum chemical study of pressure effects on solvated chlorophyll |
| 11. | MARY RISHI VARTHINI J.S | 2001PH10211 | UV spectral shift of benzene in sub- and supercritical water |
| 12. | NANDHINI.S | 2001PH10212 | Observation of intramolecular defects in n-alkanes C ₂₅ H ₅₂ -C ₂₉ H ₆₀ by the positron annihilation method |
| 13. | PAVITHRA S | 2001PH10213 | Chromogenic properties of heterocyclic compounds: Barochromic effect of indolinespiropyrans in the gas phase |
| 14. | PRADEPTHA L | 2001PH10214 | Molecular simulation of solid-solid phase transitions |
| 15. | PRIYANKA K | 2001PH10215 | Spectroscopic evidence of a particular intermolecular interaction in iodomethane-ethanol mixtures: the cooperative effect of halogen bonding, hydrogen bonding, and the solvent effect |
| 16. | RAJA LAKSHMI R | 2001PH10216 | Applications Of DI _{poly} And DI _{multi} To Organic Molecular Crystals |
| 17. | RANJITHA.R | 2001PH10217 | A two-site fluorescent probe for Cys/Hcy and SO ₂ detection and its application in cells and zebrafish |
| 18. | REVATHI.S | 2001PH10218 | Inuence of Pressure on the Size of Free Volumes in Some Waxes |


HOD

The Head, Department of Physics,
PRIST Deemed to be University,
Vallam, Thanjavur-613403.
Tamilnadu, India.


DEAN

Dean of Arts & Science
PRIST Deemed to be University
Thanjavur - 613 403, Tamilnadu.



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**INFLUENCE OF PREPARATION CONDITIONS ON THE PROPERTIES OF ZNSE
NANOLAYERS POTENTIALLY SUITABLE FOR GAS SENSING**

A PROJECT REPORT SUBMITTED BY

P.YOGAPRIYA

REG. NO. 2101PH10201

MASTER OF SCIENCE

IV SEMESTER

UNDER THE GUIDANCE OF

DR. C. THENMOZHI.,

DEPARTMENT OF PHYSICS

PRIST DEEMED TO BE UNIVERSITY THANJAVUR 613 403.



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THANJAVUR - 613 403 - TAMIL NADU

Dr. C. THENMOZHI., M.Sc., M.Phil., Ph.D.,

ASSISTANT PROFESSOR,
DEPARTMENT OF PHYSICS,
PRIST DEEMED TO BE UNIVERSITY,
THANJAVUR- 613 403.

BONAFIDE CERTIFICATE

This is to certify that **P.YOGAPRIYA** (Reg. No. **2001PH10201**) and the project title of **“INFLUENCE OF PREPARATION CONDITIONS ON THE PROPERTIES OF ZNSE NANOLAYERS POTENTIALLY SUITABLE FOR GAS SENSING”** submitted to the PRIST DEEMED TO BE UNIVERSITY, Thanjavur-613 403, for the award of the degree of Master of Science by the candidate is a bonafide record of research work carried out by her under my supervision. The contents of this Project Report, in full or in parts, have not been submitted to any other Institute or University for the award of any degree, diploma, associate ship, fellowship or any similar title and that it represents entirely an independent work on the part of the candidate.

Signature of the Guide/Internal Examiner

Head of the Department

Signature of External Examiner

The Head, Department of Physics,
PRIST Deemed to be University,
Vallam, Thanjavur-613403.
Tamilnadu, India.



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**MODIFICATION OF SURFACE MORPHOLOGY AND LATTICE ORDER IN
NANOCRYSTALLINE ZNO THIN FILMS PREPARED BY SPIN COATING SOL GEL
METHOD**

A PROJECT REPORT SUBMITTED

BY

S. ASVINA

REG. NO. 2001PH10202

MASTER OF SCIENCE

IV SEMESTER

UNDER THE GUIDANCE OF

DR.I. SANKEEDA.,

DEPARTMENT OF PHYSICS

PRIST DEEMED TO BE UNIVERSITY THANJAVUR 613 403.



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NAAC ACCREDITED
THANJAVUR - 613 403 - TAMIL NADU

Dr. I. SANKEEDA., M.Sc., M.Phil., Ph.D.,

ASSISTANT PROFESSOR,
DEPARTMENT OF PHYSICS,
PRIST DEEMED TO BE UNIVERSITY,
THANJAVUR- 613 403.

BONAFIDE CERTIFICATE

This is to certify that S. ASVINA (Reg. No. 2001PH10202) and the project title of "MODIFICATION OF SURFACE MORPHOLOGY AND LATTICE ORDER IN NANOCRYSTALLINE ZNO THIN FILMS PREPARED BY SPIN COATING SOL GEL METHOD" submitted to the PRIST DEEMED TO BE UNIVERSITY, Thanjavur-613 403, for the award of the degree of Master of Science by the candidate is a bonafide record of research work carried out by her under my supervision. The contents of this Project Report, in full or in parts, have not been submitted to any other Institute or University for the award of any degree, diploma, associate ship, fellowship or any similar title and that it represents entirely an independent work on the part of the candidate.

Signature of the Guide/Internal Examiner

Head of the Department

Signature of External Examiner

The Head, Department of Physics,
PRIST Deemed to be University,
Vallam, Thanjavur-613403.
Tamilnadu, India.



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SCHOOL OF ARTS AND SCIENCE

DEPARTMENT OF PHYSICS
2021-2022

1.3.4 NUMBER OF STUDENTS UNDERTAKING RESEARCH PROJECTS

| S.NO | NAME | REG.NO | RESEARCH PROJECT |
|------|--------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 1. | AATHI EPCIBA S | 2101MPH10201 | Properties of intermetallic (Co-Sn, Ni-Sn, Co-Ni) nanoparticles and their carbon nanocomposites depending on the elemental composition |
| 2. | DURGARAM T | 2101MPH10202 | Correlation between synthesis methods and physicochemical behavior of BaTiO ₃ |
| 3. | KAILASH P | 2101MPH10203 | Concepts and medical applications Kinetics of solubilisation of dodecanol monolayers with controlled convective diffusion |
| 4. | KULANDAI THERESA T | 2101MPH10204 | Nanometrology Nano fundamentals for dreamer-engineers |
| 5. | JAYASHRI R | 2101MPH10205 | Structural, optical, and biological properties of L-alanine single crystal by slow evaporation method |
| 6. | ANITHA T | 2101MPH10206 | Growth and Characterization of Pure and Doped L-Alanine Tartrate Single Crystals |
| 7. | JAYASHRI M | 2101MPH10207 | Spectroscopic Investigation of the Effect of Microstructure States in Polymer: Fullerene Blends |
| 8. | ANITHA V | 2101MPH10208 | Spectroscopic and quantum chemical study of pressure effects on solvated chlorophyll |

HOD

The Head, Department of Physics,
PRIST Deemed to be University,
Vallam, Thanjavur-613403.
Tamilnadu, India.

DEAN

Dean of Arts & Science
PRIST Deemed to be University
Thanjavur - 613 403, Tamilnadu.



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**PROPERTIES OF INTERMETALLIC (CO-SN, NI-SN, CO-NI) NANOPARTICLES AND
THEIR CARBON NANOCOMPOSITES DEPENDING ON THE ELEMENTAL
COMPOSITION**

A PROJECT REPORT SUBMITTED BY

AATHI EPCIBA S

REG. NO. 2101MPH10201

MASTER OF PHILOSOPHY

II SEMESTER

UNDER THE GUIDANCE OF

DR. M. SIVANANTHAM.,

DEPARTMENT OF PHYSICS

PRIST DEEMED TO BE UNIVERSITY THANJAVUR 613 403.



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THANJAVUR - 613 403 - TAMIL NADU

DR. M. SIVANANTHAM., M.Sc., M.Phil., Ph.D.,

ASSISTANT PROFESSOR,
DEPARTMENT OF PHYSICS,
PRIST DEEMED TO BE UNIVERSITY,
THANJAVUR- 613 403.

BONAFIDE CERTIFICATE

This is to certify that **AATHI EPCIBA S** (Reg. No. **2101MPH10201**) and the project title of **“PROPERTIES OF INTERMETALLIC (CO-SN, NI-SN, CO-NI) NANOPARTICLES AND THEIR CARBON NANOCOMPOSITES DEPENDING ON THE ELEMENTAL COMPOSITION ”** submitted to the PRIST DEEMED TO BE UNIVERSITY, Thanjavur-613 403, for the award of the degree of Master of Philosophy by the candidate is a bonafide record of research work carried out by her under my supervision. The contents of this Project Report, in full or in parts, have not been submitted to any other Institute or University for the award of any degree, diploma, associate ship, fellowship or any similar title and that it represents entirely an independent work on the part of the candidate.

Signature of the Guide/Internal Examiner

Head of the Department

Signature of External Examiner

The Head, Department of Physics,
PRIST Deemed to be University,
Vallam, Thanjavur-613403.
Tamilnadu, India.



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THANJAVUR - 613 403 - TAMIL NADU

CORRELATION BETWEEN SYNTHESIS METHODS AND PHYSICOCHEMICAL

BEHAVIOR OF BaTiO_3

A PROJECT REPORT SUBMITTED

BY

DURGARAM T

REG. NO. 2101MPH10202

MASTER OF PHILOSOPHY

II SEMESTER

UNDER THE GUIDANCE OF

DR.I. SANKEEDA.,

DEPARTMENT OF PHYSICS

PRIST DEEMED TO BE UNIVERSITY THANJAVUR 613 403.



PRIST
DEEMED TO BE
UNIVERSITY
NAAC ACCREDITED
THANJAVUR - 613 403 - TAMIL NADU

Dr. I. SANKEEDA., M.Sc., M.Phil., Ph.D.,

ASSISTANT PROFESSOR,
DEPARTMENT OF PHYSICS,
PRIST DEEMED TO BE UNIVERSITY,
THANJAVUR- 613 403.

BONAFIDE CERTIFICATE

This is to certify that **DURGARAM T** (Reg. No. 2101MPH10202) and the project title of **“CORRELATION BETWEEN SYNTHESIS METHODS AND PHYSICOCHEMICAL BEHAVIOR OF BaTiO_3 ”** submitted to the PRIST DEEMED TO BE UNIVERSITY, Thanjavur-613 403, for the award of the degree of Master of Philosophy by the candidate is a bonafide record of research work carried out by her under my supervision. The contents of this Project Report, in full or in parts, have not been submitted to any other Institute or University for the award of any degree, diploma, associate ship, fellowship or any similar title and that it represents entirely an independent work on the part of the candidate.

Signature of the Guide/Internal Examiner

Head of the Department

Signature of External Examiner

The Head, Department of Physics,
PRIST Deemed to be University,
Vallam, Thanjavur-613403.
Tamilnadu, India.

1.3.3 Number of students undertaking field projects / research projects / internships during the year
ACADEMIC YEAR 2021-2022
1.3.3 RESEARCH PROJECT
DEPARTMENT OF COMMERCE
B.COM

| <u>SL.NO.</u> | <u>PROGRAM NAME</u> | <u>REG.NO</u> | <u>STUDENT NAME</u> | <u>INTERNSHIP/FIELD PROJECT/RESEARCH PROJECT</u> | <u>TITLE OF THE PROJECT</u> |
|---------------|---------------------|---------------|---------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------|
| 1 | B.COM | 1901CM1001 | DEEPAK.K | Research Project | A STUDY ON BRAND LOYALTY OF CUSTOMERS TOWARDS SMARTPHONES IN THANJAVUR CITY |
| 2 | B.COM | 1901CM1002 | GUNASEELAN.N | Research Project | A STUDY ON IMPACT OF FORENSIC ACCOUNTING ON THE PROFITABILITY OF QUOTED BANK IN KUMBakonam |

| | | | | | |
|---|-------|------------|-------------------|------------------|---------------------------------------------------------------------------------------|
| 3 | B.COM | 1901CM1004 | ABDUL HANNAN.M | Research Project | A STUDY ON IMPACT OF CRYPTOCURRENCY ADOPTION ON FINANCIAL MARKETS IN THANJAVUR |
| 4 | B.COM | 1901CM1005 | S.KEERTHANA | Research Project | A STUDY ON FINANCIAL INCLUSION STRATEGIES FOR UNBANKED POPULATION IN THANJAVUR |
| 5 | B.COM | 1901CM1006 | ABDULLAH.S | Research Project | A STUDY ON CORPORATE GOVERNANCE A FIRM PERFORMANCE: A GLOBAL PERSPECTIVE IN THANJAVUR |
| 6 | B.COM | 1901CM1007 | MOHANA KRISHNAN.M | Research Project | A STUDY ON ROLE OF ARTIFICIAL INTELLIGENCE IN PERSONALIZED MARKETING IN KUMBakonam |
| 7 | B.COM | 1901CM1008 | SIVA SARANYA. J | Research Project | A STUDY ON CYBERSECURITY THREATS IN COMMERCE: CHALLENGES AND SOLUTION IN KUMBakonam |

| | | | | | |
|----|-------|------------|---------------|------------------|----------------------------------------------------------------------------------------|
| 8 | B.COM | 1901CM1009 | JYAVUDEEN.J | Research Project | A STUDY ON GREEN ACCOUNTING PRACTICES AND ENVIRONMENTAL PERFORMANCE IN THANJAVUR |
| 9 | B.COM | 1901CM1010 | BALAMURUGAN.P | Research Project | A STUDY ON EXPLORING THE POTENTIAL BLOCKCHAIN TECHNOLOGY IN TRADE FINANCE IN THANJAVUR |
| 10 | B.COM | 1901CM1011 | MUTHUKUMAR.S | Research Project | A STUDY ON BEHAVIORAL FINANCE: UNDERSTANDING INVESTOR DECISION-MAKING IN THANJAVUR |
| 11 | B.COM | 1901CM1012 | MUTHAMIZHL | Research Project | A STUDY ON EFFECTIVENESS OF CORPORATE SOCIAL RESPONSIBILITY INITIATIVES IN KUMBAKONAM |

| | | | | | |
|----|-------|------------|------------------|------------------|---------------------------------------------------------------------------------------------|
| 12 | B.COM | 1901CM1013 | SANTHOSH KUMAR.M | Research Project | A STUDY ON DIGITAL TRANSFORMATION STRATEGIES FOR SMALL AND MEDIUM ENTERPRISES IN KUMBAKONAM |
| 13 | B.COM | 1901CM1014 | MOHAMED UMAR.A | Research Project | A STUDY ON IMPLICATIONS OF BREXIT ON INTERNATIONAL BUSINESS AND TRADE IN KUMBAKONAM |
| 14 | B.COM | 1901CM1015 | HASSAN MUBARK.A | Research Project | A STUDY ON FUTURE OF RETAIL: AUGMENTED REALITY IN SHOPPING EXPERIENCES IN THANJAVUR |
| 15 | B.COM | 1901CM1016 | KULOTHUNGAN.S | Research Project | A STUDY ON CHALLENGES AND OPPORTUNITIES IN HEALTHCARE MANAGEMENT IN KUMBAKONAM |
| 16 | B.COM | 1901CM1017 | ABISHEK.D | Research Project | A STUDY ON IMPACT OF E-PAYMENT SYSTEMS ON TRADITIONAL BANKING SERVICES IN KUMBAKONAM |

| | | | | | |
|----|-------|------------|------------------|------------------|------------------------------------------------------------------------------------------------------|
| 17 | B.COM | 1901CM1018 | PARTHIBAN.S | Research Project | A STUDY ON SUSTAINABILITY REPORTING COMPARATIVE ANALYSIS OF PRACTICES THANJAVUR |
| 18 | B.COM | 1901CM1019 | SATHYA.S | Research Project | A STUDY ON GLOBALIZATION AND CULTURAL DIVERSITY IN CROSS-BORDER MERGERS IN KUMBAKONAM |
| 19 | B.COM | 1901CM1020 | MOHAMED.A | Research Project | A STUDY ON ROLE OF BIG DATA ANALYTICS IN BUSINESS INTELLIGENCE IN THANJAVUR |
| 20 | B.COM | 1901CM1021 | NIKILA.R | Research Project | A STUDY ON CORPORATE FRAUD DETECTION ADVANCES IN FORENSIC ACCOUNTING IN KUMBAKONAM |
| 21 | B.COM | 1901CM1022 | SANTHOSH KUMAR.B | Research Project | A STUDY ON CROSS-CULTURAL MANAGEMENT IN MULTINATIONAL CORPORATIONS IN THANJAVUR |
| 22 | B.COM | 1901CM1023 | HASEEM.A | Research Project | A STUDY ON RISE OF SUSTAINABLE TOURISM: CASE STUDIES IN ECO-FRIENDLY DESTINATIONS IN THANJAVUR |

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| 23 | B.COM | 1901CM1024 | ALAGUMUTHU MANIKANDAN.M | Research Project | A STUDY ON DIGITAL MARKETING STRATEGIES FOR EMERGING MARKETS IN KUMBAKONAM |
| 24 | B.COM | 1901CM1025 | PRABHAVATHI.K | Research Project | A STUDY ON HEALTH INFORMATION EXCHANGE AND PATIENT DATA SECURITY IN THANJAVUR |
| 25 | B.COM | 1901CM1026 | MOHAMED YUNESH.S | Research Project | A STUDY ON MOBILE BANKING ADOPTION FACTORS AFFECTING CUSTOMER BEHAVIOR IN THANJAVUR |
| 26 | B.COM | 1901CM1027 | ABINAYA.K | Research Project | A STUDY ON CONSUMER TASTE AND PREFERENCES TOWARDS IBACO ICE CREAM IN TANJAVUR DISTRICT |
| 27 | B.COM | 1901CM1028 | MADHUSUTHANAN.M | Research Project | A STUDY ON CORPORATE BRANDING AND CONSUMER LOYALTY IN THE DIGITAL AGE KUMBAKONAM |

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| 28 | B.COM | 1901CM1029 | YASIR.K | Research Project | A STUDY ON ADOPTION AND IMPACT OF FINTECH IN DEVELOPING ECONOMIES IN KUMBAKONAM |
| 29 | B.COM | 1901CM1030 | ARAVINTHAN.P | Research Project | A STUDY ON STRATEGIES FOR MANAGING CROSS-BORDER TAXATION CHALLENGES KUMBAKONAM |
| 30 | B.COM | 1901CM1032 | VELMURUGAN.S | Research Project | A STUDY ON SUSTAINABLE BUSINESS MODELS IN RENEWABLE ENERGY INDUSTRIES IN THANJAVUR |
| 31 | B.COM | 1901CM1033 | MOHAMED MUZHAIID.A | Research Project | A STUDY ON ROLE OF E-COMMERCE IN RURAL ECONOMIC DEVELOPMENT IN KUMBAKONAM |

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| 37 | B.COM | 1901CM1039 | KISHORE.R | Research Project | A STUDY ON PSYCHOLOGY OF PRICING: UNDERSTANDING CONSUMER PERCEPTION IN KUMBakonAM |
| 38 | B.COM | 1901CM1040 | TAMIL AZHAKLA | Research Project | A STUDY ON INTERNATIONAL TRADE AGREEMENTS AND THEIR IMPACT ON BUSINESS PRACTICES IN THANJAVUR |
| 39 | B.COM | 1901CM1041 | VASANTHA KUMAR.S | Research Project | A STUDY ON CUSTOMER SATISFACTION OF DIGITAL MARKETING IN THANJAVUR CITY |
| 40 | B.COM | 1901CM1042 | SOWBARNIKA.R | Research Project | A STUDY ON EXPLORING THE ROLE OF GAMIFICATION IN MARKETING STRATEGIES IN KUMBakonAM |
| 41 | B.COM | 1901CM1043 | PERIYARAJ.R | Research Project | A STUDY ON FINANCIAL LITERACY PROGRAMS AND THEIR INFLUENCE ON INVESTMENT DECISIONS IN KUMBakonA |

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| 42 | B.COM | 1901CM1044 | MOTHISH.R | Research Project | A STUDY ON SUSTAINABLE PACKAGING SOLUTIONS IN THE FAST-MOVING CONSUMER GOODS (FMCG) SECTOR IN THANJAVUR |
| 43 | B.COM | 1901CM1045 | NASURDEEN.I | Research Project | A STUDY ON INFLUENCE OF CULTURAL INTELLIGENCE ON INTERNATIONAL BUSINESS NEGOTIATIONS IN THANJAVUR |
| 44 | B.COM | 1901CM1046 | MOHANA SUNDARAM.B | Research Project | A STUDY ON SOCIAL MEDIA INFLUENCER MARKETING: TRENDS AND EFFECTIVENESS IN KUMBakonam |
| 45 | B.COM | 1901CM1047 | VIKRAM.R | Research Project | A STUDY ON CORPORATE SOCIAL RESPONSIBILITY REPORTING AND STAKEHOLDER PERCEPTIONS IN THANJAVUR |

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| | | | | | Research Project | A STUDY ON CHALLENGES IN IMPLEMENTING CLOUD COMPUTING IN FINANCIAL INSTITUTIONS IN KUMBakonAM |
| 47 | B.COM | 1901CM1049 | DEEN MOHAMED .N | | Research Project | A STUDY ON ROLE OF E-COMMERCE PLATFORMS IN RURAL ENTREPRENEURS IN THANJAVUR |
| 48 | B.COM | 1901CM1050 | RAJADURAIR | | Research Project | STRATEGIES FOR MANAGING SUPPLY CHAIN DISRUPTIONS IN A GLOBALIZED ECONOMY KUMBakonAM |
| 49 | B.COM | 1901CM1051 | LAKSHMI PRIYA.V | | Research Project | A STUDY ON IMPACT OF ECONOMIC SANCTIONS ON GLOBAL TRADE IN THANJAVUR |
| 50 | B.COM | 1901CM1052 | DHANAM.S | | Research Project | A STUDY ON ADOPTION OF CONTACTLESS PAYMENT SYSTEMS: CONSUMER PERCEPTIONS AND BEHAVIORS IN KUMBakonAM |
| 51 | B.COM | 1901CM1053 | PRAKASH.P | | Research Project | A STUDY ON INFLUENCE OF CULTURAL FACTORS ON CONSUMER ETHICAL DECISION MAKING IN THANJAVUR |
| | | | SHAJAHAN.B | | | |

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| 58 | B.COM | 1901CM1061 | | | Research Project | A STUDY ON INNOVATIONS IN RETAIL TECHNOLOGY: FROM AUGMENTED REAL TO SMART MIRRORS IN KUMBAKONAM |
| 59 | B.COM | 1901CM1062 | SANDHIYA.T | | Research Project | A STUDY ON IMPACT OF EMPLOYEE WELL BEING PROGRAMS ON ORGANIZATIONAL PERFORMANCE IN THANJAVUR |
| 60 | B.COM | 1901CM1063 | DHINESH.S | | Research Project | A STUDY ON ROLE OF GENDER DIVERSITY CORPORATE LEADERSHIP IN KUMBAKONAM |
| | | | AJAY.D | | | |

DEPARTMENT OF COMMERCE

B.COM CA

| <u>SL.NO.</u> | <u>PROGRAM NAME</u> | <u>REG.NO</u> | <u>STUDENT NAME</u> | <u>INTERSHIP/FIELD PROJECT/RESEARCH PROJECT</u> | <u>TITLE OF THE PROJECT</u> |
|---------------|---------------------|---------------|---------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| 1 | B.COM CA | 1901AP1001 | HARIPRASATH.V | Research Project | A STUDY ON CONSUMER PERCEPTION TOWARDS INTERNET BANKING IN THANJAVUR CITY |
| 2 | B.COM CA | 1901AP1002 | SAROJINI.S | Research Project | A STUDY ON IMPACT OF INFLUENCER MARKETING ON FASHION AND BEAUTY BRANDS IN THANJAVUR |
| 3 | B.COM CA | 1901AP1003 | RACIKA.P | Research Project | A STUDY ON ASSESSING THE EFFECTIVENESS OF CORPORATE TRAINING PROGRAMS ON EMPLOYEE PERFORMANCE IN THANJAVUR |
| 4 | B.COM CA | 1901AP1004 | MOHAMED FAHAD.A | Research Project | A STUDY ON ROLE OF BUSINESS INCUBATORS IN FOSTERING ENTREPRENEURSHIP IN THANJAVUR |

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| 5 | B.COM CA | 1901AP1005 | ABIDHARSHINI.S | Research Project | A STUDY ON SUSTAINABLE PRACTICES : THE TOURISM INDUSTRY: LESSONS FRO LEADING DESTINATIONS |
| 6 | B.COM CA | 1901AP1006 | SWETHA.T | Research Project | A STUDY ON IMPACT OF SOCIAL MEDIA STOCK MARKET VOLATILITY |
| 7 | B.COM CA | 1901AP1008 | SIVAHARINI.M | Research Project | A STUDY ON STRATEGIES FOR BALANCI ECONOMIC GROWTH AND ENVIRONMENTAL CONSERVATION IN THANJAVUR |
| 8 | B.COM CA | 1901AP1009 | ANUSHYA.R | Research Project | A STUDY ON ROLE OF CORPORATE INNOVATION IN NAVIGATING TECHNOLOGICAL DISRUPTIONS |
| 9 | B.COM CA | 1901AP1010 | SALMAN PARIS.M | Research Project | A STUDY ON EVALUATING THE EFFECTIVENESS OF ONLINE LEARNING PLATFORMS IN BUSINESS EDUCATION |
| 10 | B.COM CA | 1901AP1013 | DENIS ARMSTIN.A | Research Project | A STUDY ON ROLE OF INTELLECTUAL PROPERTY RIGHTS IN FOSTERING INNOVATION |
| 11 | B.COM CA | 1901AP1015 | SOWMIYA,P | Research Project | A STUDY ON IMPACT OF CLIMATE CHAN ON BUSINESS OPERATIONS AND RISK MANAGEMENT |

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| 12 | B.COM CA | 1901AP1016 | KAMALAKANNAN.M | Research Project | A STUDY ON STRATEGIES FOR ENHANCING CUSTOMER TRUST IN E-COMMERCE TRANSACTIONS |
| 13 | B.COM CA | 1901AP1018 | SWATHI.R | Research Project | A STUDY ON INFLUENCE OF CULTURAL VALUES ON ADVERTISING EFFECTIVENESS |
| 14 | B.COM CA | 1901AP1019 | VASANTHA KUMAR.G | Research Project | A STUDY ON ADOPTION AND IMPACT OF ROBOTIC PROCESS AUTOMATION IN BUSINESS PROCESSES |
| 15 | B.COM CA | 1901AP1020 | AMIRTHAVARSHINI.M | Research Project | A STUDY ON FINANCIAL STATEMENT ANALYSIS OF SONY CORPORATION |
| 16 | B.COM CA | 1901AP1021 | HARIHARAN PUGAZH.D | Research Project | A STUDY ON EFFECT OF CORPORATE SOCIAL RESPONSIBILITY ON EMPLOYEE ENGAGEMENT |
| 17 | B.COM CA | 1901AP1022 | CHANDRU.V | Research Project | A STUDY ON STRATEGIES FOR SUSTAINABLE WATER MANAGEMENT IN AGRIBUSINESS |
| 18 | B.COM CA | 1901AP1023 | PREMKUMAR.M | Research Project | A STUDY ON IMPACT OF DIGITAL TRANSFORMATION ON TRADITIONAL RETAIL BUSINESSES |

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| 19 | B.COM CA | 1901AP1024 | AKASH.P | Research Project | A STUDY ON CORPORATE GOVERNANCE AND CORPORATE SOCIAL RESPONSIBILITY A NEXUS ANALYSIS |
| 20 | B.COM CA | 1901AP1025 | VAISHNAVI,R | Research Project | A STUDY ON EMERGING TRENDS IN GREEN FINANCE: OPPORTUNITIES AND CHALLENGES |
| 21 | B.COM CA | 1901AP1026 | KEERTHI AAKASH.K.P | Research Project | A STUDY ON ROLE OF BLOCKCHAIN IN ENHANCING SUPPLY CHAIN TRANSPARENCY |
| 22 | B.COM CA | 1901AP1027 | VIGNESH.J | Research Project | A STUDY ON INFLUENCE OF SOCIAL MEDIA ON POLITICAL CONSUMERISM |
| 23 | B.COM CA | 1901AP1028 | MAHARISHI.R | Research Project | A STUDY ON STRATEGIES FOR MINIMIZING FOOD WASTE IN THE HOSPITALITY INDUSTRY |
| 24 | B.COM CA | 1901AP1029 | GOKUL.B | Research Project | A STUDY ON IMPACT OF EMPLOYEE WELLBEING ON ORGANIZATIONAL PRODUCTIVITY |
| 25 | B.COM CA | 1901AP1030 | NIRAIMATHI.M | Research Project | A STUDY ON ROLE OF DATA ETHICS IN FINANCIAL DATA ANALYTICS |
| 26 | B.COM CA | 1901AP1031 | G.KARNAN | Research Project | A STUDY ON STRATEGIES FOR NAVIGATING CROSS-BORDER E-COMMERCE REGULATIONS |

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| 27 | B.COM CA | 1901AP1032 | S. DEEPAK DHARSHAN | Research Project | A STUDY ON EFFECT OF CULTURAL DIMENSIONS ON INTERNATIONAL BUSINESS NEGOTIATIONS |
| 28 | B.COM CA | 1901AP1033 | S. A. INBATAMILAN | Research Project | A STUDY ON EVALUATING THE ROLE OF BLOCKCHAIN IN SUPPLY CHAIN TRACEABILITY |
| 29 | B.COM CA | 1901AP1034 | M. VIGNESH | Research Project | A STUDY ON CONSUMER PERCEPTION OF SUSTAINABILITY IN FAST FASHION BRANDS |
| 30 | B.COM CA | 1901AP1035 | S. PANDI DURAI | Research Project | A STUDY ON IMPACT OF INDUSTRY 4.0 ON MANUFACTURING SUPPLY CHAINS |
| 31 | B.COM CA | 1901AP1036 | A. ROSLIN | Research Project | A STUDY ON STRATEGIES FOR IMPLEMENTING CIRCULAR ECONOMY PRACTICES IN BUSINESSES |
| 32 | B.COM CA | 1901AP1037 | SANJAI KUMAR.R | Research Project | A STUDY ON ASSESSING THE EFFECTIVENESS OF INFLUENCER MARKETING IN B2B INDUSTRIES |
| 33 | B.COM CA | 1901AP1038 | NOUSATH ALLI | Research Project | A STUDY ON CHALLENGES AND OPPORTUNITIES IN IMPLEMENTING FINTECH SOLUTIONS IN EMERGING MARKETS |

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| 34 | B.COM CA | 1901AP1039 | JAYASRLM | Research Project | A STUDY ON ROLE OF CORPORATE CULTURE IN INNOVATION AND ORGANIZATIONAL PERFORMANCE |
| 35 | B.COM CA | 1901AP1040 | KARTHIKA.G | Research Project | A STUDY ON IMPACT OF SOCIAL MEDIA INFLUENCERS ON BEAUTY AND COSMETIC BRANDS |
| 36 | B.COM CA | 1901AP1041 | KARTHIKA.R | Research Project | A STUDY ON STRATEGIES FOR PROMOTING DIVERSITY AND INCLUSION IN CORPORATE ENVIRONMENTS |
| 37 | B.COM CA | 1901AP1042 | ASKAR ALIA | Research Project | A STUDY ON EFFECT OF TRADE TARIFFS ON GLOBAL VALUE CHAINS |
| 38 | B.COM CA | 1901AP1043 | VAITHEESWARAN.K | Research Project | A STUDY ON ROLE OF VIRTUAL REALITY IN TRANSFORMING CUSTOMER ENGAGEMENT IN RETAIL |
| 39 | B.COM CA | 1901AP1044 | JAYASRLM | Research Project | A STUDY ON EXPLORING THE LINK BETWEEN EMPLOYEE SATISFACTION AND CUSTOMER SERVICE QUALITY |
| 40 | B.COM CA | 1901AP1045 | ABINAYA | Research Project | A STUDY ON ASSESSING THE IMPACT OF CROSS-BORDER E-COMMERCE ON SMALL AND MEDIUM ENTERPRISES (SMES) |
| 41 | B.COM CA | 1901AP1046 | ABDUL HAMEED.J | Research Project | A STUDY ON ROLE OF EMOTIONAL BRANDING IN CONSUMER DECISION-MAKING PROCESSES |

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| 42 | B.COM CA | 1901AP1047 | GUNAL.J | Research Project | A STUDY ON CUSTOMER SATISFACTION TOWARDS HONDA DIO SCOOTERS IN INI |
| 43 | B.COM CA | 1901AP1048 | PAVITHRA.S | Research Project | CUSTOMER SATISFACTION TOWARDS BANKING SERVICE SPECIAL REFERENCE THANJAVUR DISTRICT |
| 44 | B.COM CA | 1901AP1049 | MOHAMED ALI.L | Research Project | A STUDY ON CUSTOMER SATISFACTION ONEPLUS SMARTPHONES COMPANY SPECIAL REFERENCE TO INDIA |
| 45 | B.COM CA | 1901AP1050 | JAYAPRIYA.M | Research Project | A STUDY ON CUSTOMER SATISFACTION GOOGLE PAY UPI PAYMENT APP'S |
| 46 | B.COM CA | 1901AP1051 | KARTHIKA.M | Research Project | A STUDY ON FINANCIAL STATEMENT ANALYSIS OF ROHINI HOSPITAL WITH SPECIAL REFERENCE TO THANJAVUR |
| 47 | B.COM CA | 1901AP1052 | BUVANESHWARAN.M | Research Project | A STUDY ON CUSTOMER SATISFACTION TOWARDS ON PERSONAL CARE PRODUCT OF HINDUSTAN UNILEVER LIMITED IN THANJAVUR CITY |
| 48 | B.COM CA | 1901AP1053 | SATHISH.V | Research Project | A STUDY ON CUSTOMER SATISFACTION TOWARDS HYUNDAI MOTORS LIMITED WITH SPECIAL REFERENCE IN THANJAV CITY |
| 49 | B.COM CA | 1901AP1054 | GOVINDAN.R | Research Project | A STUDY ON OVERALL PERFORMANCE C ASIAN PAINTS |
| 50 | B.COM CA | 1901AP1055 | VEDAPPAN.M | Research Project | A STUDY ON IMPACT OF IMPLEMENTAT OF GST AMONG RETAILERS |

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| 51 | B.COM CA | 1901AP1056 | GOBALAKRISHNAN.A | Research Project | A STUDY ON AWARENESS OF BANKING SERVICE IN COLLEG STUDENTS |
| 52 | B.COM CA | 1901AP1057 | KALAIYARASAN.P | Research Project | ASTUDYON EMPLOYEE SATISFACTION I VIJAYDIARY FORM PRODUCTS,TRICHY. VIJAYDIARY AND FARM PRODUCTS PERAMANGALAM, |
| 53 | B.COM CA | 1901AP1058 | PRAVEEN KUMAR.B | Research Project | A STUDY ON CUSTOMER SATISFACTION BOVONTO WITH SPECIAL REFERENCE IN CHINNAMANUR TOWN |
| 54 | B.COM CA | 1901AP1059 | PREM KUMAR.P | Research Project | A STUDY ON CONSUMER PERCEPTION O MILK BIKIS PRODUCTS IN THANJAVUR CITY |
| 55 | B.COM CA | 1901AP1060 | GOWTHAMI.B | Research Project | A STUDY ON EMPLOYEE RETENTION WI SPECIAL REFERENCE IN ASTONISH INFOTECH,TRICHY |
| 56 | B.COM CA | 1901AP1061 | VINOTH.R | Research Project | A STUDY ON CONSUMER PREFERENCE A AWARENESS TOWARDS TOYOTA MOTOI IN THANJAVUR DISTRICT |
| 57 | B.COM CA | 1901AP1062 | RAJESH.M | Research Project | A STUDY ON CONSUMER PREFERENCE A AWARENESS TOWARDS E-BIKE WITH SPECIAL RRERENCE IN THANJAVUR CI |
| 58 | B.COM CA | 1901AP1063 | PRAVIN.K | Research Project | A STUDY ON CUSTOMER SATISFACTION TOWARDS HERO BIKES IN CHENNAI CIT |
| 59 | B.COM CA | 1901AP1064 | VARADHARAJAN R | Research Project | CUSTOMER SATISFACTION OF TOP BRAI MOBILE PHONES IN KUMBAKONAM CIT |
| 60 | B.COM CA | 1901AP1065 | VENKATESH.D | Research Project | A STUDY ON CUSTOMER SATISFACTION WARDS MARUTI SUZUKI CAR'S IN CHEN CITY |

| <u>SL.NO.</u> | <u>PROGRAM NAME</u> | <u>REG.NO</u> | <u>STUDENT NAME</u> | <u>INTERNSHIP/FIELD PROJECT/RESEARCH PROJECT</u> | <u>TITLE OF THE PROJECT</u> |
|---------------|---------------------|---------------|---------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| 1 | M.COM | 2001CM20101 | MURTHI.M | Research Project | A STUDY ON THE IMPACT OF E-COMME SMALL SIZE COMPANIES IS SWEDEN |
| 2 | M.COM | 2001CM20102 | MURUGANANDAN.M | Research Project | A STUDY ON CONSUMER PREFERENCE AWARENESS TOWARDS WRIST WATCHES WITH SPECIAL REFERENCE IN THANJAV CITY |
| 3 | M.COM | 2001CM20103 | PRASANTH.M | Research Project | A STUDY ON MARKETING STRATEGIES (MARUTI SUZUKI CARS WITH SPECIAL REFERENCE TO THANJAVUR COTY |
| 4 | M.COM | 2001CM20104 | RAJESHKUMAR.S | Research Project | A STUDY ON CUSTOMER SATISFACTION TOWARDS SPRITE COOL DRINKS IN SPECIAL REFERENCE TO THANJAVUR DISTRICT |
| 5 | M.COM | 2001CM20105 | SARATH.N | Research Project | A STUDY ON CUSTOMER SATISFACTION TOWARDS NESTLE PRODUCTS IN VILLUPURAM DISTRICT |
| 6 | M.COM | 2001CM20106 | SATHISH.S | Research Project | A STUDY ON BRAND LOYALTY FOR DOV PRODUCT IN THANJAVUR DISTRICT |
| 7 | M.COM | 2001CM20201 | ADILAXMI.M | Research Project | WELFARE MEASURES OF WOMEN EMPLOYEES WITH SPECIAL REFERENCE THANJAVUR CITY |
| 8 | M.COM | 2001CM20202 | ARULSELVIA | Research Project | A COMPARATIVE ANALYSIS ON CUSTOMER PREFERENCE AMONG LIC AND PRIVATE INSURANCE COMPANIES IN MANNARGU |
| 9 | M.COM | 2001CM20203 | ASHARANIL.M | Research Project | A STUDY ON CONSUMER COUSTOMER SATISFACTION D-MART SHOPPING MALJ COIMBATORE |

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| 10 | M.COM | 2001CM20204 | BEULAH JOYLE.X | Research Project | A STUDY ON INDIAN STOCK MARKET DURING COVID-19 REFERENCES IN NIFT FIFTY |
| 11 | M.COM | 2001CM20205 | CHRISTINAL MARY.N | Research Project | A STUDY ON COUSTOMER SATISFACTIO TOWARDS HONDA DIO IN KUMBAKONA CITY |
| 12 | M.COM | 2001CM20206 | DHIVYA.A | Research Project | CUSTOMER SATISFACTION OF REDMI PHONES" |
| 13 | M.COM | 2001CM20207 | GLORIA.L | Research Project | A STUDY ON IMPACT OF GOODS AND SERVICE TAX THE PROSPECT IN INDIA |
| 14 | M.COM | 2001CM20208 | HEMAVATHI.M | Research Project | A STUDY ON CUSTOMER SATISFACTION TOWARDS MARUTI SUZUKI CARS IN CHENNAI |
| 15 | M.COM | 2001CM20209 | JAYAKARTHIGA.I | Research Project | A STUDY ON THE CUSTOMER'S ATTITUI TOWARD THE E-WALLET PAYMENT SYSTEM IN MADURAI CITY |
| 16 | M.COM | 2001CM20210 | JOTHILASKSHMI.R | Research Project | A STUDY ON CUSTOMER SATISFACTION TOWARDS COSMETIC PRODUCTS IN COIMBATORE DISTRICT |
| 17 | M.COM | 2001CM20211 | KOTHAINAYAKI.S | Research Project | A STUDY ON CONSUMER PERCEPTION O AMUL PRODUCT IN THANJAVUR CITY |
| 18 | M.COM | 2001CM20212 | MAHESWARI.A | Research Project | THE STUDY ON CUSTOMER SATISFACTIC OF BRITANNIA COMPANY SPECIAL REFERENCE TO THANJAVUR CITY |

| <u>SL.NO.</u> | <u>PROGRAM NAME</u> | <u>REG.NO</u> | <u>STUDENT NAME</u> | <u>INTERNSHIP/FIELD PROJECT/RESEARCH PROJECT</u> | <u>TITLE OF THE PROJECT</u> |
|---------------|---------------------|---------------|---------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| 1 | M.COM | 2001CM20101 | MURTHI.M | Research Project | A STUDY ON CUSTOMER SATISFACTION TOWARDS APPLE IPHONE WITH SPECIAL REFERENCE TO THANJAVUR CITY |
| 2 | M.COM | 2001CM20102 | MURUGANANDAN.M | Research Project | A STUDY ON CUSTOMER SATISFACTION TOWARDS TVS MOTOR COMPANY SPEC. REFERENCE IN THANJAVUR CITY |
| 3 | M.COM | 2001CM20103 | PRASANTH.M | Research Project | A STUDY ON THE SATISFACTION OF SELECTED LIFE INSURANCE CORPORAT POLICYHOLDERS IN THANJAVUR DISTR |
| 4 | M.COM | 2001CM20104 | RAJESHKUMAR.S | Research Project | A STUDY ON CUSTOMER SATISFACTION TOWARDS HONDA DIO SCOOTERS WITH SPECIAL REFERENCE TO THANJAVUR CI |
| 5 | M.COM | 2001CM20105 | SARATH.N | Research Project | A STUDY ON CUSTOMER SATISFACTION TOWARDS HERO MOTORS BIKE WITH SPECIAL REFERENCE TO THANJAVUR CIT |
| 6 | M.COM | 2001CM20106 | SATHISH.S | Research Project | A STUDY ON CUSTOMER SATISFACTION TOWARDS FASTRACK WATCHES WITH SPECIAL REFERENCE TO THANJAVUR CI |
| 7 | M.COM | 2001CM20201 | ADILAXMI.M | Research Project | A STUDY ON CUSTOMER BUYING BEHAVIOUR TOWARDS ALLEN SOLLY THANJAVUR |
| 8 | M.COM | 2001CM20202 | ARULSELVIA | Research Project | A STUDY ON CUSTOMER SATISFACTION TOWARDS TAMIL NADU BANKING CORPORATION WITH SPECIAL REFERENCE TO THANJAVUR CITY |
| 9 | M.COM | 2001CM20203 | ASHARANI.M | Research Project | A STUDY ON CUSTOMER SATISFACTION TOWARDS FASTRACK WATCHES WITH SPECIAL REFERENCE TO THANJAVUR CIT |
| 10 | M.COM | 2001CM20204 | BEULAH JOYLE.X | Research Project | A STUDY ON CUSTOMER SATISFACTION TOWARDS MRF TYRES IN THANJAVUR C |

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| 11 | M.COM | 2001CM20205 | CHRISTINAL MARY.N | Research Project | A STUDY ON CUSTOMER SATISFACTION LEVEL TOWARDS TATA NANO CARS WITH SPECIAL REFERENACE THANJAVU CITY |
| 12 | M.COM | 2001CM20206 | DHIVYA.A | Research Project | A STUDY ON THE RULE OF INDIAN BANI COMPUTERIZED EMPOWERMENT OF SEI HELP GROUPS IN THANJAVUR DISTRICT |
| 13 | M.COM | 2001CM20207 | GLORIA.L | Research Project | A STUDY ON CUSTOMER SATISFACTION TOWARDS TATA CONSULTANCY SERVICE WITH SPECIAL REFERENCE TO THANJAVUR |
| 14 | M.COM | 2001CM20208 | HEMAVA THI.M | Research Project | A STUDY ON USAGE OF ONLINE PAYMENT APPS BY CUSTOMERS WITH SPECIAL REFERENCE TO THANJAVUR CITY |
| 15 | M.COM | 2001CM20209 | JAYAKARTHIGA.I | Research Project | YESTERDAY ON QUALITY OF WORK LIFE BALANCE OF EMPLOYEES IN A COMPAN |
| 16 | M.COM | 2001CM20210 | JOTHILASKSHMI.R | Research Project | A STUDY ON CUSTOMER SATISFACTION TOWARD INDIAN OVERSEAS BANK IN SPECIAL REFERENCE TO THIRUVARUR DISTRICT |
| 17 | M.COM | 2001CM20211 | KOTHAINAYAKI.S | Research Project | A STUDY ON CUSTOMER SATISFACTION CITY UNION BANK IN THIRUVARUR DISTRICT |
| 18 | M.COM | 2001CM20212 | MAHESWARIA | Research Project | A STUDY ON CUSTOMER SATISFACTION TOWARDS YAMAHA WITH SPECIAL REFERENCE TO THANJAVUR CITY |

| <u>SL.NO.</u> | <u>PROGRAM NAME</u> | <u>REG.NO</u> | <u>STUDENT NAME</u> | <u>INTERSHIP/FIELD PROJECT/RESEARCH PROJECT</u> | <u>TITEL OF THE PROJECT</u> |
|---------------|---------------------|---------------|---------------------|-------------------------------------------------|---------------------------------------------------------------------------------------|
| 1 | M.PHIL | 2101CM30201 | C.PRAVEENA | Research Project | A STUDY ON CUSTOMER RELATIONSHIP MANAGEMENT BETWEEN BANK OF IND AND SOUTH INDIAN BANK |
| 2 | M.PHIL | 2101CM30202 | S.VIDHYASREE | Research Project | A STUDY ON HOME LOAN IN ICICI BANK THANJAVUR CITY |
| 3 | M.PHIL | 2101CM30203 | J.GEETHA | Research Project | A STUDY ON INVESTMENT PATTERN OF WORKING WOMAN IN CHENNAI DISTRICT |
| 4 | M.PHIL | 2101CM30204 | KARTHIKEYAN.J | Research Project | A STUDY ON CUSTOMER SATISFACTION TOWARDS YAMAHA BIKES IN CHENNAI CITY |
| 5 | M.PHIL | 2101CM30204 | RANJANI.N | Research Project | A STUDY ON CUSTOMER SATISFACTION TOWARDS AMAZON SHOPPING IN THANJAVUR CITY |


 HOD,
 Department of Commerce
 Ponnaiyah Ramajayam Institute of
 Science & Technology (PRIST),
 Declared as DEEMED TO BE UNIVERSITY


 DEAN
 School of Commerce and Management
 Ponnaiyah Ramajayam Institute of
 Science & Technology (PRIST)
 THANJAVUR - 613 403.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : DEEPAK.K
- Register No. : 1901CM1001
- Programme & Branch : B. Com & Commerce Batch: 2019-2022 Semester: V

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. S. Kamaraju
- Designation: Assistant Professor Department: Commerce

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

A Study on Brand Loyalty of customers Towards Smartphones in Thanjavur City. The smartphone one of the priciest contributions of mobile technology has now result in a situation of cut throat competition trying their level.

ii. Date of Allotment of the Task:

01.07.2021

iii. Due Date Proposed for Completion of Task:

25.10.2021

Deepak.K

Signature of the Student:

Signature of the Faculty Advisor

Date: 06.10.2021



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : DEEPAK .K
- Register No. : 1901CM100
- Programme & Branch : B Com (Commerce) Batch: 2019-2022 Semester: V

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. S. Kamaraju
- Designation: Assistant professor Department: Commerce

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

A study on Brand loyalty of customer towards smartphones in Thanjavur city

ii. Date of Allotment of the Task:

01-07-2021

iii. Date of Completion of the Task:

25-10-2021

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. DEEPAK .K, a bonafide student of B Com (Commerce)

(Reg.No. 1901CM100) who has been allotted a Research Related Task “

A study on Brand loyalty of customer towards smartphones in Thanjavur city

has successfully completed the above mentioned task on 06-10-2021 to my satisfaction and has

submitted all task completion related records to me.

Date: 06-10-2021

Signature of the Faculty Advisor

HOD



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : DEEPAK.K
- Register No. : 1901cm1001
- Programme & Branch : B.Com (Commerce) Batch: 2019-2022 Semester: V

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr.S. Kamaraju
- Designation: Assistant professor Department: Commerce.

III. Details of the Task Undertaken:

i. Details of the Task:

A study on Brand Loyalty of customer towards Smartphones in Chennai.

ii. Date of Allotment of the Task:

01.07.2021

iii. Date of Completion of the Task:

25.10.2021

IV. Declaration of the Student

I, DEEPAK.K, a student of B.Com Programme (Reg.No. 1901cm1001), hereby declare that I have completed the Research Related Task "A study on Brand Loyalty of Customer towards Smartphones in Chennai."

upto the satisfaction of my Advisor and have submitted all related records to him on 06.10.2021.

Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 06/10/2021

Deepak.k
Signature of the Student

[Signature]
Faculty Advisor

[Signature]
HOD

**A STUDY ON BRAND LOYALTY OF CUSTOMERS TOWARDS
SMARTPHONES IN THANJAVUR CITY**

*A Project Submitted to the In partial fulfillment of the requirements for the
award of the degree of*

BACHELOR OF COMMERCE (COMMERCE)

Submitted by,

DEEPAK.K

REG. NO : 1901CM1001

III B.COM (COM)

COURSE CODE : 190160BRC55

Under the Guidance of

Dr. S. Kamaraju., M.Com., M.Phil., Ph.D.,
ASSISTANT PROFESSOR

PG & RESEARCH DEPARTMENT OF COMMERCE



SCHOOL OF COMMERCE AND BUSINESS MANAGEMENT
PRIST DEEMED TO BE UNIVERSITY, NAAC ACCREDITED
(WEST CAMPUS) – THANJAVUR_613 403.



PRIST
DEEMED TO BE
UNIVERSITY
NAAC ACCREDITED
THANJAVUR - 613 403 - TAMIL NADU

Dr. S. Kamaraju., M.Com., M.Phil., Ph.D.,
ASSISTANT PROFESSOR,
PG & RESEARCH DEPARTMENT OF COMMERCE,
SCHOOL OF COMMERCE AND BUSINESS MANAGEMENT,
PRIST DEEMED TO BE UNIVERSITY, NAAC ACCREDITED (WEST CAMPUS),
THANJAVUR-613 403.

BONAFIDE CERTIFICATE

This is to certify that **DEEPAK. K (Reg. No. 1901CM1001)** and the project title of “**A STUDY ON BRAND LOYALTY OF CUSTOMERS TOWARDS SMARTPHONES IN THANJAVUR CITY**” submitted to the PRIST DEEMED TO BE UNIVERSITY, NAAC ACCREDITED (WEST CAMPUS), THANJAVUR-613 403., Thanjavur-613 403, for the award of the degree of **BACHELOR OF COMMERCE** by the candidate is a bonafide record of research work carried out by him under my supervision. The contents of this Project Report, in full or in parts, have not been submitted to any other Institute or University for the award of any degree, diploma, associate ship, fellowship or any similar title and that it represents entirely an independent work on the part of the candidate.

Signature of the Guide/Internal Examiner

Head of the Department

HOD
HOD
Department of Commerce
Ponnalyah Ramajayam Institute of
Science & Technology (PRIST)
THANJAVUR - 613 403

External Examiner

Ponnalyah Ramajayam Institute of
Science & Technology (PRIST)
Declared as DEEMED TO BE UNIVERSITY
u/s 3 of UGC Act, 1956



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : HARI PRASATH.V
- Register No. : 1901AP1001
- Programme & Branch : B.com (CA) & Commerce Batch: 2019-2022 Semester: V
Computer Application

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. V. Sridevi
- Designation: Assistant Professor Department: Commerce

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

A Study on customer perception towards Internet Banking in Thanjavur City. Digital Inventions and government initiatives such as faceless, paperless and cashless transactions have been driving banks to facilities faceless different E-banking

ii. Date of Allotment of the Task: 01.07.2021

iii. Due Date Proposed for Completion of Task: 25.10.2021

Signature of the Student:

Signature of the Faculty Advisor:

Date: 06.10.2021



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : HARI PRASATH .V
- Register No. : 1901AP1001
- Programme & Branch : B.COM(CCA) Batch: 2019-2022 Semester: V
Computer Application

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. V. Sridhar
- Designation: Assistant Professor Department: Commerce.

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

A Study on Customer Perception towards Internet Banking in Thiruvananthapuram city

ii. Date of Allotment of the Task:

01-07-2021

iii. Date of Completion of the Task:

25-10-2021

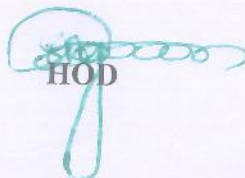
IV. Certificate for Successful Completion of Task

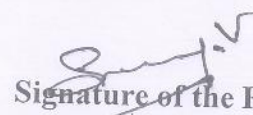
This is to certify that Mr./Ms. HARI PRASATH .V, a bonafide student of B-Com(CCA)

(Reg.No. 1901AP1001) who has been allotted a Research Related Task “

A Study on Customer perception towards Internet Banking in Thiruvananthapuram city “on Banking has successfully completed the above mentioned task on 06-10-2021 to my satisfaction and has submitted all task completion related records to me.

Date: 06-10-2021


HOD


Signature of the Faculty Advisor



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : HARIPRASATH.V
Register No. : 1901AP1001
Programme & Branch : B.Com(CA) Commerce Batch: Semester: V
Computer Application

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. V. Sridevi
Designation: Assistant Professor Department: Commerce

III. Details of the Task Undertaken:

i. Details of the Task:

A study on customer perception to Woxol's Internet Banking in Thanjavur city

ii. Date of Allotment of the Task:

01.07.2021

iii. Date of Completion of the Task:

25.10.2021

IV. Declaration of the Student

I, HARIPRASATH.V, a student of B.Com(CA) Programme (Reg.No. 1901AP1001), hereby declare that I have completed the Research Related Task "A study on customer perception to Woxol's Internet Banking in Thanjavur city" upto the satisfaction of my Advisor and have submitted all related records to him on 06.10.2021 Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 06.10.2021

Signature of Faculty Advisor

Signature of the Student

Signature of HOD

A STUDY ON CUSTOMER PERCEPTION TOWARDS INTERNET BANKING IN
THANJAVUR CITY

*A Project Submitted to the In partial fulfillment of the requirements for the
award of the degree of*

BACHELOR OF COMMERCE (CA)

COURSE CODE: 19198BRC56

Submitted by,

HARIPRASATH.V

REG. NO : 1901AP1001

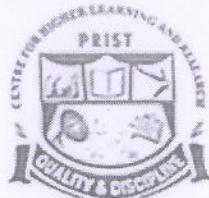
III B.COM (CA)

Under the Guidance of

Dr.V.Sridevi.,M.Com., M.Phil., Ph.D.,

Assistant Professor,

PG and Research Department of Commerce



SCHOOL OF COMMERCE AND BUSINESS MANAGEMENT
PRIST DEEMED TO BE UNIVERSITY, NAAC ACCREDITED
(WEST CAMPUS) – THANJAVUR_613 403.



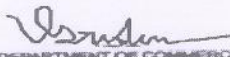
PRIST
DEEMED TO BE
UNIVERSITY
NAAC ACCREDITED
THANJAVUR - 613 403 - TAMIL NADU

Dr.V. Sridevi, M.Com., M.Phil., Ph.D.,
ASSISTANT PROFESSOR,
PG & RESEARCH DEPARTMENT OF COMMERCE,
SCHOOL OF COMMERCE AND BUSINESS MANAGEMENT,
PRIST DEEMED TO BE UNIVERSITY, NAAC ACCREDITED (WEST CAMPUS),
THANJAVUR-613 403

BONAFIDE CERTIFICATE


This is to certify that **HARIPRASATH.V (Reg. No. 1901AP1001)** and the project title of
“A STUDY ON CUSTOMER PERCEPTION TOWARDS INTERNET BANKING IN
THANJAVUR CITY” submitted to the **PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE
& TECHNOLOGY (PRIST)**, Declared as **DEEMED-TO-BE-UNIVERSITY**, Thanjavur-613 403,
for the award of the degree of **BACHELOR OF COMMERCE COMPUTER APPLICATION**
by the candidate is a bonafide record of research work carried out by him under my supervision. The
contents of this Project Report, in full or in parts, have not been submitted to any other Institute or
University for the award of any degree, diploma, associate ship, fellowship or any similar title and
that it represents entirely an independent work on the part of the candidate.

Signature of the Guide/Internal Examiner


DEPARTMENT OF COMMERCE
PRIST UNIVERSITY
THANJAVUR - 613 403.

Head of the Department


HOD
Department of Commerce
Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST)
THANJAVUR - 613 403.


DEAN
School of Commerce and Management
Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST)
THANJAVUR - 613 403.

External Examiner

THE IMPACT OF E - COMMERCE SMALL SIZE COMPANIES IN SWEDEN

A Project Submitted In Partial Fulfillment of the
Requirements for the Award of the

Degree of

MASTER OF COMMERCE

COURSE CODE:20261SRC36

by

MURTHI.M

REG. NO : 2001CM20101

Under The Guidance Of

Dr. S. RAJENDRAN, M.Com., M.B.A, M.Ed., M.Phil., Ph.D.,

PROFESOR AND HEAD OF THE DEPARTMENT,

DEPARTMENT OF COMMERCE



PRIST DEEMED TO BE UNIVERSITY

NAAC ACCREDITED

THANJAVUR- 613403

DECEMBER - 2021



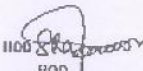
PRIST
DEEMED TO BE
UNIVERSITY
NAAC ACCREDITED
THANJAVUR - 613 403 - TAMIL NADU

Dr. S. RAJENDRAN., M.Com., M.B.A., M.Ed., M.Phil., Ph.D.,
PROFESSOR AND HEAD OF THE DEPARTMENT,
PG & RESEARCH DEPARTMENT OF COMMERCE,
PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY (PRIST),
Declared as DEEMED-TO-BE-UNIVERSITY,
THANJAVUR-613 403.

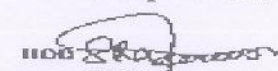
BONAFIDE CERTIFICATE

This is to certify that **MURTHI M (Reg. No. 2001CM20101)** and the project title of "THE IMPACT OF E-COMMERCE SMALL SIZE COMPANIES IN SWEDEN" submitted to the PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY (PRIST), Declared as DEEMED-TO-BE-UNIVERSITY, Thanjavur-613 403, for the award of the degree of **MASTER OF COMMERCE** by the candidate is a bonafide record of research work carried out by him under my supervision. The contents of this Project Report, in full or in parts, have not been submitted to any other Institute or University for the award of any degree, diploma, associate ship, fellowship or any similar title and that it represents entirely an independent work on the part of the candidate.

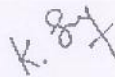
Signature of the Guide/Internal Examiner


HOD
Department of Commerce
Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST)
THANJAVUR - 613 403

Head of the Department


HOD
Department of Commerce
Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST)
THANJAVUR - 613 403

External Examiner



Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST)
THANJAVUR - 613 403.



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THANJAVUR - 613 403 - TAMIL NADU

**1.3.3 Number of students undertaking field projects / research projects / internships during the year
ACADEMIC YEAR 2021-2022**

**1.3.3 RESEARCH PROJECT
DEPARTMENT OF MANAGEMENT
BBA**

| <u>SL.NO.</u> | <u>PROGRAM NAME</u> | <u>REG.NO</u> | <u>STUDENT NAME</u> | <u>INTERNSHIP/FIELD PROJECT/RESEARCH PROJECT</u> | <u>TITLE OF THE PROJECT</u> |
|---------------|---------------------|---------------|----------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 1 | BBA | 1901BM1002 | LURTHUASHIBA MARY | Research Project | A Study on Customer Satisfaction towards Nippon paint in Thanjavur District. |
| h | BBA | 1901BM1005 | PRASHANTH. M .S | Research Project | A Study on impact of E-Commerce on Emerging markets |
| 3 | BBA | 1901BM1006 | SHALINI. S | Research Project | A Study on Consumer satisfaction towards Himalaya products in special reference to Trichy district. |
| 4 | BBA | 1901BM1007 | SANTHOSH R | Research Project | A Study on Customer Satisfaction towards Horlicks in Thanjavur District. |
| 5 | BBA | 1901BM1008 | PAVITHRA .R | Research Project | A Study on Evaluating the Financial Health of Non-profit Organizations. |
| 6 | BBA | 1901BM1009 | GOWTHAM S | Research Project | A Study on impact of product placement in movies on consumer behavior. |

| | | | | | |
|----|-----|------------|------------------|------------------|----------------------------------------------------------------------------------------------------------|
| 7 | BBA | 1901BM1010 | VAISALI D | Research Project | A Study of Capital Structure and cost of capital for various components in business sector. |
| 8 | BBA | 1901BM1011 | ABINASH .R | Research Project | A Study on Role of E-Commerce in improving customer satisfaction. |
| 9 | BBA | 1901BM1012 | ABDULLAH A | Research Project | The impact of outsourcing decisions on material availability. |
| 10 | BBA | 1901BM1014 | MANJUKEERTHANA K | Research Project | The effect of Advertising on the sales volume of an Organization |
| 11 | BBA | 1901BM1015 | MUKILAN M | Research Project | A Study on the effectiveness of online shopping on Business performance. |
| 12 | BBA | 1901BM1016 | PRAVEEN P | Research Project | A Study on Consumer satisfaction towards Patanjali products in special reference to Kumbakonam district. |
| 13 | BBA | 1901BM1017 | MOHAMED IDRRIZ S | Research Project | A Study on Customer Satisfaction towards Nippon paint in Thanjavur District. |
| 14 | BBA | 1901BM1018 | PRAVEENA D | Research Project | An evaluation on the impact of microfinance on Petty traders. |
| 15 | BBA | 1901BM1019 | VIJAY J | Research Project | A Study on the problems and prospects of marketing industrial products . |
| 16 | BBA | 1901BM1020 | VENGATESH R | Research Project | A study on the impact of employee discipline on organization performance. |
| 17 | BBA | 1901BM1021 | SHALINI S | Research Project | A Study on Consumer satisfaction towards Britannia products in special reference to Trichy district. |
| 18 | BBA | 1901BM1022 | NIVYA A | Research Project | A study on effect of promotional tools in marketing new products in food and beverages industry |

| | | | | | |
|----|-----|------------|--------------------|------------------|-------------------------------------------------------------------------------------------------------------------|
| 19 | BBA | 1901BM1023 | MOHAMED ARSATH ALI | Research Project | A study on the impact of manpower development on organizational performance |
| 20 | BBA | 1901BM1024 | MOHAMED AALITH M | Research Project | The study of informal group influences on employees performance behavior |
| 21 | BBA | 1901BM1025 | VINOTHA R | Research Project | A Study on customer satisfaction towards the Fair & lovely fairness cream in special reference to kumbakonam city |
| 22 | BBA | 1901BM1026 | ABIRAMI G | Research Project | The impact of organizational culture on organization performance |
| 23 | BBA | 1901BM1027 | SANTHOSH R | Research Project | A Study on Consumer satisfaction towards Self Help Group products in special reference to Trichy district. |
| 24 | BBA | 1901BM1028 | YUVARAJ M | Research Project | The effect of new product development as a strategy for corporate growth |
| 25 | BBA | 1901BM1029 | MANOJ KUMAR S | Research Project | A Study on the factors militating against human resource development |
| 26 | BBA | 1901BM1030 | NANDHAKUMAR M | Research Project | A Study on the impact of employees grievance and the performance of the management |
| 27 | BBA | 1901BM1031 | VINOTHINI .P | Research Project | A Study on Consumer satisfaction towards Dairy products in special reference to Thanjavur district. |
| 28 | BBA | 1901BM1032 | RAMNATH K | Research Project | A study on the impact of work engagement in strategies of staff behavioral outcomes tertiary institution |
| 29 | BBA | 1901BM1033 | ARUNA .K | Research Project | A Study on the impact of Advertising on customer Patronage |
| 30 | BBA | 1901BM1034 | MARIYAMMAL .R | Research Project | The impact of employee motivation on work performance in the private organization |

| | | | | | |
|----|-----|------------|----------------------------|------------------|----------------------------------------------------------------------------------------------------------|
| 31 | BBA | 1901BM1035 | PARVIN RAJ. S | Research Project | The impact of customer relationship management on non-consumer customer buying behaviour |
| 32 | BBA | 1901BM1036 | SIVARANJANI. D | Research Project | A study on the influence of financial management on the scale of small and medium scale industries |
| 33 | BBA | 1901BM1037 | MOHAMED MASEEHUDEEN M K | Research Project | The impact of multiple pricing strategies on consumer purchasing behaviour |
| 34 | BBA | 1901BM1038 | KARUNAKARAN S | Research Project | A study on the impact of employees empowerment on organization performance |
| 35 | BBA | 1901BM1039 | RAMYA G | Research Project | The impact of motivation towards organization productivity |
| 36 | BBA | 1901BM1040 | SHAKTHI P | Research Project | A Study on the impact of motivation on staff performance in the public sector |
| 37 | BBA | 1901BM1041 | SRI VARSHAN V | Research Project | The Role of managers in effective and efficient management of an organization |
| 38 | BBA | 1901BM1042 | KASTURI H | Research Project | The impact of effective manpower on the development of the organization |
| 39 | BBA | 1901BM1043 | UDHAYAVAN R | Research Project | A Study on Consumer satisfaction towards Colgate Toothpaste in special reference to Thiruvavur district. |
| 40 | BBA | 1901BM1044 | AYYAPPANA | Research Project | A study on the role of complaints handling system in enhancing customer satisfaction |
| 41 | BBA | 1901BM1045 | RAMKUMAR M | Research Project | A Study on improving organizational performance Through effective principle and control |
| 42 | BBA | 1901BM1046 | BEGIN RAJU | Research Project | A study on the effects of vision and mission statement on firms survival |

| | | | | | |
|----|-----|------------|------------------|------------------|---------------------------------------------------------------------------------------------------------------|
| 43 | BBA | 1901BM1047 | MANIKANDAN R | Research Project | The impact of work environment on employees performance |
| 44 | BBA | 1901BM1048 | ABINAYA A | Research Project | A Study on effect of customer service management on company development |
| 45 | BBA | 1901BM1049 | AKASH S | Research Project | A Study on customer preference towards KTM Bikes in Trichy district. |
| 46 | BBA | 1901BM1050 | PRADEEP S | Research Project | A Study on strategies for improving workers morale and productivity in an organization |
| 47 | BBA | 1901BM1051 | BHARATHWAJ L | Research Project | A Study on problems and prospectus of running a small scale industries |
| 48 | BBA | 1901BM1052 | SAKTHIVEL .N | Research Project | A study on new product development as a means for achieving marketing objectives in company |
| 49 | BBA | 1901BM1053 | PERINBAN A | Research Project | A Study on the management of crises in an organization |
| 50 | BBA | 1901BM1054 | NAVANEETHAN H | Research Project | The impact of Stress Management on the achievement of organizational goal |
| 51 | BBA | 1901BM1055 | SAKTHIVEL A | Research Project | A study on the impact of training and development on employees job performance in an organization |
| 52 | BBA | 1901BM1056 | GOKILA .K | Research Project | A study on the impact of organizing and direction function on organizational performance |
| 53 | BBA | 1901BM1057 | JOTHIKA S | Research Project | The impact of management incentives policies on worker's productivity |
| 54 | BBA | 1901BM1058 | PURATCHIDHASAN P | Research Project | A study on the customer satisfaction towards Dabur red tooth paste in special reference to thanjavur district |

| | | | | | |
|----|-----|------------|--------------------|------------------|------------------------------------------------------------------------------------------------------------|
| 55 | BBA | 1901BM1059 | ARTHIR | Research Project | A study on the impact of effective human resource development on production of quality indigenous business |
| 56 | BBA | 1901BM1060 | SHAHIN AHAMED J | Research Project | The impact of Remuneration and working conditions on organizations productivity |
| 57 | BBA | 1901BM1061 | MOHAMED HARSHATH S | Research Project | A comparative study of leadership effectiveness between public and private enterprises |
| 58 | BBA | 1901BM1062 | SURESH S | Research Project | A study on the role of product development and management in a manufacturing company |
| 59 | BBA | 1901BM1063 | DEEPAN K | Research Project | The impact of customer complaint on marketing performance in the service industry |
| 60 | BBA | 1901BM1064 | RAGUL. G | Research Project | A study on effective pricing strategy of a new product |

MBA

| <u>SL.NO.</u> | <u>PROGRAM NAME</u> | <u>REG.NO</u> | <u>STUDENT NAME</u> | <u>INTERSHIP/FIELD PROJECT/RESEARCH PROJECT</u> | <u>TITEL OF THE PROJECT</u> |
|---------------|---------------------|---------------|----------------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------|
| 1 | MBA | 2001BM20101 | KRISHNAKUMAR N | Research Project | A study on impact of effectiveness of personal selling strategies in marketing of capital goods |
| 2 | MBA | 2001BM20102 | MANIKANDAN .K | Research Project | A study on influence of customer relationship management on the sales of new product |
| 3 | MBA | 2001BM20103 | VENKATESH PRABU J | Research Project | A Study on the impact of online shopping adverts on consumer Buying rate |
| 4 | MBA | 2001BM20104 | RAGHUL S | Research Project | A STUDY ON CONSUMER PERCEPTION TOWARDS THE ONLINE SHOPPING APPLICATION IN THANJAVUR |
| 5 | MBA | 2001BM20105 | SHAJATH AHAMED .B | Research Project | A study on the impact of marketing research in achieving organizational goals |
| 6 | MBA | 2001BM20106 | MOHAMAD HABEBULLAH S | Research Project | A study on the impact of marketing strategy on the productivity of an organization |
| 7 | MBA | 2001BM20107 | VIGNESH .S | Research Project | A study on the role of advertising in Tourism Management |
| 8 | MBA | 2001BM20108 | SABARIRAJAN S | Research Project | A study on the problems facing the establishment of banks in Rural areas |
| 9 | MBA | 2001BM20109 | KASAN PRABHU K | Research Project | A STUDY ON PROBLEM SOLVING AND SITUATION HANDLING |
| 10 | MBA | 2001BM20110 | KARTHICK .G | Research Project | A study on the impact of self service on the performance of super market |
| 11 | MBA | 2001BM20111 | HARIHARAN .V | Research Project | HRM IN CONSTRUCTION BUSINESS IN VIJAYA BUILDERS , KUMBAKONAM |

| | | | | | |
|----|-----|-------------|------------------|------------------|------------------------------------------------------------------------------------------------------------|
| 12 | MBA | 2001BM20112 | GOWRI MANOHARI R | Research Project | A study on customer perception towards Ibaco ice creams in Thanjavur district |
| 13 | MBA | 2001BM20113 | ANJALI G | Research Project | A study on the impact of employees discipline in an organization performance |
| 14 | MBA | 2001BM20114 | NIVETHA R | Research Project | A Study on effect of customer service management on company development |
| 15 | MBA | 2001BM20115 | SARATHA SREE .J | Research Project | A study on the impact of organizing and direction function on organizational performance |
| 16 | MBA | 2001BM20116 | KAVIYAR | Research Project | A Study on impact of E-Commerce on Emerging markets |
| 17 | MBA | 2001BM20117 | AKSHAYA .B | Research Project | A Study on Consumer satisfaction towards Himalaya products in special reference to Trichy district. |
| 18 | MBA | 2001BM20118 | PRIYADHARSHINI R | Research Project | A Study on Role of E-Commerce in improving customer satisfaction. |
| 19 | MBA | 2001BM20119 | MALATHI .R | Research Project | The impact of outsourcing decisions on material availability. |
| 20 | MBA | 2001BM20120 | JANANI .S | Research Project | A study on the impact of effective human resource development on production of quality indigenous business |
| 21 | MBA | 2001BM20121 | WINCY .S | Research Project | A STUDY ON RECRUITMENT AND SELECTION IN MEENAKSHI HOSPITAL THANJAVUR |
| 22 | MBA | 2001BM20122 | VINCY PATHI .A | Research Project | A study on the impact of training on employees in an organization |
| 23 | MBA | 2001BM20123 | ELAVARASI S | Research Project | A study on the role of complaints handling system in enhancing customer satisfaction |

| | | | | | |
|----|-----|-------------|-----------------|------------------|------------------------------------------------------------------------------------------------------------|
| 24 | MBA | 2001BM20124 | SABIKA SRI S | Research Project | A Study on improving organizational performance Through effective principle and control |
| 25 | MBA | 2001BM20125 | DEVADARSHINI .A | Research Project | A study on the effects of vision and mission statement on firms survival |
| 26 | MBA | 2001BM20126 | KEERTHANA R | Research Project | A study on the impact of employee discipline on organization performance. |
| 27 | MBA | 2001BM20127 | MASLEEN A | Research Project | A Study on Consumer satisfaction towards Britannia products in special reference to Trichy district. |
| 28 | MBA | 2001BM20128 | ABINAYA S | Research Project | A study on effect of promotional tools in marketing new products in food and beverages industry |
| 29 | MBA | 2001BM20129 | KARTHIKA K | Research Project | A study on the impact of employees discipline in an organization performance |
| 30 | MBA | 2001BM20130 | NANDHINI S | Research Project | A Study on problems and prospectus of running a small scale industries |
| 31 | MBA | 2001BM20131 | GAYATHRI S | Research Project | A study on new product development as a means for achieving marketing objectives in company |
| 32 | MBA | 2001BM20132 | SOUNTHARYA .S | Research Project | A Study on the management of crises in an organization |
| 33 | MBA | 2001BM20133 | RAJARAJESWARI S | Research Project | The impact of Stress Management on the achievement of organizational goal |
| 34 | MBA | 2001BM20134 | PAVITHRA R | Research Project | A STUDY ON EMPLOYEE RETENTION IN MEENAKSHI HOSPITAL, THANAJVUR |
| 35 | MBA | 2001BM20135 | MERLIN SNEHA .S | Research Project | A study on the impact of effective human resource development on production of quality indigenous business |

| | | | | | |
|----|-----|-------------|-------------------|------------------|----------------------------------------------------------------------------------------|
| 36 | MBA | 2001BM20136 | RADHA V | Research Project | The impact of Remuneration and working conditions on organizations productivity |
| 37 | MBA | 2001BM20137 | ABISANKARI S | Research Project | A comparative study of leadership effectiveness between public and private enterprises |
| 38 | MBA | 2001BM20138 | DHARANI R | Research Project | A Study on the management of crises in an organization |
| 39 | MBA | 2001BM20139 | MEENALOCHINI S | Research Project | A study on the role of product development and management in a manufacturing company |
| 40 | MBA | 2001BM20140 | REESHMA A | Research Project | The impact of customer complaint on marketing performance in the service industry |
| 41 | MBA | 2001BM20141 | SAILESH JOTHI.R | Research Project | A study on effective pricing strategy of a new product |
| 42 | MBA | 2001BM20142 | SAKTHI PARKAVEN.E | Research Project | A Study on customer preference towards Honda Bikes in Trichy district. |
| 43 | MBA | 2001BM20143 | SATHESH KUMAR | Research Project | A study on influence of customer relationship management on the sales of new product |
| 44 | MBA | 2001BM20144 | SIVAPRAKASH.S | Research Project | A Study on the impact of online shopping adverts on consumer Buying rate |
| 45 | MBA | 2001BM20145 | SUGAN.S | Research Project | A Study on the impact of manpower development on organizational performance |
| 46 | MBA | 2001BM20146 | SURYA.T | Research Project | A study on the effect of leadership style on employee motivation |
| 47 | MBA | 2001BM20147 | SYEDAKRAM.S | Research Project | The impact of trade union on workers commitment and organizational productivity |

| | | | | | |
|----|-----|-------------|------------------------|------------------|-----------------------------------------------------------------------------------------------------------------|
| 48 | MBA | 2001BM20148 | THAMILARASAN.K | Research Project | The study of informal group influences on employee's performance behavior |
| 49 | MBA | 2001BM20149 | THIRUMENI.G | Research Project | A Study on the Role of an efficient and effective tax system in the attainment of Organization development goal |
| 50 | MBA | 2001BM20150 | THIRUNAVUKKARAS U.S | Research Project | A study on the impact of self service on the performance of super market |
| 51 | MBA | 2001BM20151 | THIYAGARAJAN.S | Research Project | A Study on Consumer satisfaction towards Himalaya products in special reference to Trichy district. |
| 52 | MBA | 2001BM20152 | VENKATESAN.K | Research Project | A Study on Role of E-Commerce in improving customer satisfaction. |
| 53 | MBA | 2001BM20153 | VENKATESH.D | Research Project | The impact of outsourcing decisions on material availability. |
| 54 | MBA | 2001BM20154 | VIGNESH.N | Research Project | A study on influence of customer relationship management on the sales of new product |
| 55 | MBA | 2001BM20155 | AARTHI.R | Research Project | A Study on the impact of online shopping adverts on consumer Buying rate |
| 56 | MBA | 2001BM20156 | ABIRAMI.P | Research Project | A STUDY ON CUSTOMER SATISFACTION OF HONDA TWO WHEELERS IN THANJAVUR CITY |
| 57 | MBA | 2001BM20157 | ARUN PRASANTH.V | Research Project | A Study on the impact of online shopping adverts on consumer Buying rate |
| 58 | MBA | 2001BM20158 | ARUNPRASANTH.V | Research Project | A CUSTOMER SATISFACTION OF DOVE PRODUCTS IN SPECIAL REFERENCE TO KUMBAKONAM DISTRICT |
| 59 | MBA | 2001BM20159 | BIBUKO JONI COEUR | Research Project | A STUDY ON CUSTOMER SATISFACTION TOWARDS JOHNSON & JOHNSON IN PONDICHERRY DISTRICT |

| | | | | | |
|----|-----|-------------|-------------|------------------|---------------------------------------------------------------------|
| 60 | MBA | 2001BM20160 | NOORJAHAN.R | Research Project | A STUDY ON CUSTOMER SATISFACTION OF LAKME BRANDS IN TRICHY DISTRICT |
|----|-----|-------------|-------------|------------------|---------------------------------------------------------------------|

M.PHIL

| SL. NO. | PROGRAM NAME | REG.NO | STUDENT NAME | INTERSHIP/FIELD PROJECT/RESEARCH PROJECT | TITLE OF THE PROJECT |
|---------|--------------|-------------|-------------------------------------|------------------------------------------|----------------------------------------------------------------------------------|
| 1 | M.Phil. | 2101BM30101 | TAMIZHVANAN A.ANTONY JOMINICS | Research Project | A STUDY ON THE DRIVES OF EMPLOYEE ENGAGEMENT IN INFORMATION TECHNOLOGY SECTOR |
| 2 | M.Phil. | 2101BM30102 | | Research Project | A STUDY ON CUSTOMER PREFERENCE TOWARDS HONDA BIKES IN TRICHY DISTRICT. |
| 3 | M.Phil. | 2101BM30201 | SARANYA.S V.PREMA | Research Project | A STUDY ON CONSUMER PERCEPTION OF AAVIN PRODUCTS IN THANJAVUR CITY |
| 4 | M.Phil. | 2101BM30202 | | Research Project | A STUDY ON CUSTOMER SATISFACTION TOWARDS JOHNSON & JOHNSON IN THANJAVUR DISTRICT |
| 5 | M.Phil. | 2101BM30203 | RANJEEDH.A.A | Research Project | A STUDY ON EMPLOYEE JOB SATISFACTION IN SUCCESS STEEL STRUCTURE |

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THANJAVUR - 613 403 - TAMIL NADU

**A STUDY ON CUSTOMER PREFERENCE TOWARDS HONDABIKES IN
TRICHY DISTRICT**

*A Project Report
Submitted By*

A. ANTONY JOMINICS

REG. NO. 2101BM30102

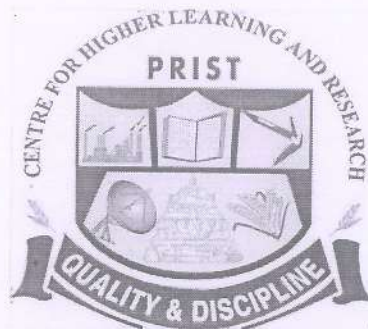
**MASTER OF
PHILOSOPHY**

II SEMESTER

COURSE CODE: 20360PRW22

Under the Guidance of

**Prof. K. SASIKUMAR, M.B.A., M.A., M.Phil.,
ASSISTANT PROFESSOR,
DEPARTMENT OF MANAGEMENT**



November - 2021




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Prof. K. SASIKUMAR, M.B.A., M.A., M.Phil.,
ASSISTANT PROFESSOR,
PG & RESEARCH DEPARTMENT OF MANAGEMENT,
PRIST DEEMED-TO-BE-UNIVERSITY,
THANJAVUR-613 403.


BONAFIDE CERTIFICATE

This is to certify that A. ANTONY JOMINICS (Reg. No. 2101BM30102) and the project title of "A STUDY ON CUSTOMER PREFERENCE TOWARDS HONDA BIKES IN TRICHY DISTRICT" submitted to the PRIST DEEMED-TO-BE-UNIVERSITY, Thanjavur-613 403, for the award of the degree of **MASTER OF PHILOSOPHY** by the candidate is a bonafide record of research work carried out by him under my supervision. The contents of this Project Report, in full or in parts, have not been submitted to any other Institute or University for the award of any degree, diploma, associate ship, fellowship or any similar title and that it represents entirely an independent work on the part of the candidate.

Signature of the Guide/Internal Examiner


Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST)
Declared as DEEMED TO BE UNIVERSITY
u/s 3 of UGC Act, 1956

Head of the Department


PRIST
School of Commerce and Management
Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST)
THANJAVUR - 613 403

External Examiner


HOD
Department of Commerce
Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST)
THANJAVUR - 613 403



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : LURTHUASHIBAMARY
- Register No. : 1A018M1002
- Programme & Branch : BBA & Management Batch: ~~2019-2022~~ 2019-2022 Semester: V

II. Faculty Advisor Details

- Name of the Faculty Advisor : DR. K. RAJALAKSHMI
- Designation: Assistant Professor Department: Management

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

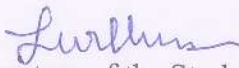
A study on customer satisfaction towards Nippon paint in Thanjavur District.
A customer satisfaction towards Nippon paint
value of customer perception towards consumption
through value based well concept customers.

ii. Date of Allotment of the Task:

01.07.2021

iii. Due Date Proposed for Completion of Task:

25.10.2021


Signature of the Student:


Signature of the Faculty Advisor

Date: 06.10.2021



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : LURTHUASHIBA MARY
- Register No. : 19018M1002
- Programme & Branch : (BBA) Management Batch: 2019-2022 Semester: V

II. Faculty Advisor Details

- Name of the Faculty Advisor : DR. K. DEEPAKAKSHMI
- Designation: Assistant Professor Department: Management

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

A study on customer satisfaction towards NIPPON Paint in Thangannur District

ii. Date of Allotment of the Task:

01.07.2021

iii. Date of Completion of the Task:

25.10.2021

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. ^{MARY} LURTHUASHIBA, a bonafide student of BBA Mgt

(Reg.No./19018M1002) who has been allotted a Research Related Task "A study on Customer

Satisfaction Towards NIPPON paint in Thangannur District" on

_____, has successfully completed the above mentioned task on 06.10.22 to my satisfaction and has

submitted all task completion related records to me.

Date: 06.10.22

Kalyani
HOD


Signature of the Faculty Advisor



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : LURTHUASH/BAMARY
- Register No. : 1901BM/002
- Programme & Branch : BBA (mgt) Batch: 2019-2022 Semester: IV

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. K. Rajalakshmi
- Designation: Assistant professor Department: Management

III. Details of the Task Undertaken:

i. Details of the Task:

A study on customer satisfaction towards HIPON paint in Thangannur District

ii. Date of Allotment of the Task:

01.07.2021

iii. Date of Completion of the Task:

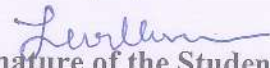
25.10.2021

IV. Declaration of the Student

I, LURTHUASH/BAMARY, a student of BBA Programme (Reg.No. 1901BM/002) hereby declare that I have completed the Research Related Task "A study on customer satisfaction towards HIPON paint in Thangannur District" upto the satisfaction of my Advisor and have submitted all related records to him on 06/10/2022 Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 06.10.2022


Faculty Advisor


Signature of the Student


HOD



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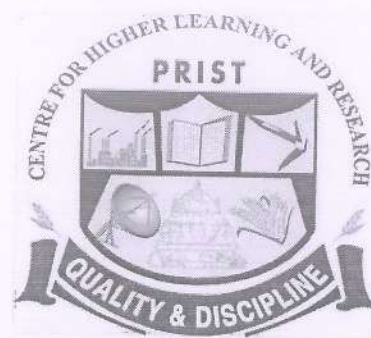
**A STUDY ON CUSTOMER SATISFACTION TOWARDS NIPPONPAINT IN
THANJAVUR DISTRICT**

*A Project Report
Submitted By*

**LURTHUASHIBAMARY
REG. NO. 1901BM1002
BACHELOR OF BUSINESS ADMINISTRATION
V SEMESTER
COURSE CODE: 190160BRC55**

Under the Guidance of

**Dr. K Rajalakshmi., M.B.A., M.Phil., Ph.D.,
ASSISTANT PROFESSOR,
DEPARTMENT OF MANAGEMENT**



November - 2021



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Dr. K Rajalakshmi., M.B.A., M.Phil., Ph.D.,
ASSISTANT PROFESSOR,
PG & RESEARCH DEPARTMENT OF MANAGEMENT,
PRIST DEEMED-TO-BE-UNIVERSITY,
THANJAVUR-613 403.

BONAFIDE CERTIFICATE

This is to certify that LURTHUASHIBAMARY (Reg. No. 1901BM1002) and the project title of "A STUDY ON CUSTOMER SATISFACTION TOWARDS NIPPON PAINT IN THANJAVUR DISTRICT" submitted to the PRIST DEEMED-TO-BE-UNIVERSITY, Thanjavur-613 403, for the award of the degree of **BACHELOR OF BUSINESS ADMINISTRATION** by the candidate is a bonafide record of research work carried out by him under my supervision. The contents of this Project Report, in full or in parts, have not been submitted to any other Institute or University for the award of any degree, diploma, associate ship, fellowship or any similar title and that it represents entirely an independent work on the part of the candidate.

Signature of the Guide/Internal Examiner

K Rajalakshmi

Head of the Department

[Signature]
HEAD
DESK
School of Commerce and Management,
Murugayab Ramaswami Institute of
Science & Technology (PRIST),
THANJAVUR - 613 403.

External Examiner

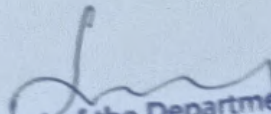
[Signature]
HOD
Department of Commerce
Murugayab Ramaswami Institute of
Science & Technology (PRIST)
THANJAVUR - 613 403.

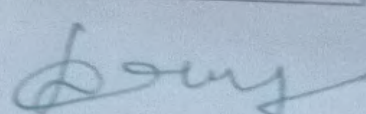
RESEARECH PROJECTS

BIOCHEMISTRY

UG & PG- 2021-2022

| S.NO | REG.NO | NAME |
|------|-------------|-------------------------|
| 1. | 1901PC10101 | B. RAJI |
| 2. | 1901PC10102 | S. YUVARAJ |
| 3. | 1901PC10103 | K. THAMIZHVANI |
| 4. | 1901PC10104 | J. DHINESH |
| 5. | 1901PC10105 | D. RAHULRAJ |
| 6. | 1901PC10106 | R. THAMIZHVANAN |
| 7. | 1901PC10107 | P. KARTHIKEYAN |
| 8. | 1901PC10108 | R.VERGINIYA |
| 9. | 1901PC10109 | S.SUSHMITHA |
| 10. | 1901PC10110 | N.NITHYA |
| 11. | 1901PC10111 | JJOSE ACCILIYA |
| 12. | 1901PC10112 | GOMATHI .S |
| 13. | 1901PC10113 | ARTHI .R |
| 14. | 1901PC10114 | CHIDAMBARAM .S |
| 15. | 1901PC10115 | THIRUTHALINGAM .P |
| 16. | 1901PC10116 | SANTHIYA .M |
| 17. | 1901PC10117 | SHALINI .S |
| 18. | 1901PC10118 | GOVARASAN .K |
| 19. | 1901PC10119 | NARMATHA .K |
| 20. | 1901PC10120 | GAYATHRI .D |
| 21. | 1901PC10121 | JENIFER .M |
| 22. | 1901PC10122 | VENNILA .D |
| 23. | 1901PC10123 | SNEGA .R |
| 24. | 1901PC10124 | BHUVANESWARI .S |
| 25. | 1901PC10125 | DINESH KUMAR .A |
| 26. | 2001PC20101 | UMAR FARHAN S |
| 27. | 2001PC20102 | R.U JAYARAJ |
| 28. | 2001PC20103 | AMARTHIYASEN N |
| 29. | 2001PC20104 | P.MUNYAPPAN |
| 30. | 2001PC20105 | K.R. THIRUMALAIIVASAN |
| 31. | 2001PC20106 | SUNDAR .P |
| 32. | 2001PC20107 | A.VIGNESH |
| 33. | 2001PC20108 | E.HARUN SURYA |
| 34. | 2001PC20109 | SIVA RAMAKRISHNAN .N. S |
| 35. | 2001PC20201 | S.ROJA |
| 36. | 2001PC20202 | MANBUMATHI |
| 37. | 2001PC20203 | S.AMBIKA |
| 38. | 2001PC20204 | T. KIRIJA |
| 39. | 2001PC20205 | K.PARAMESWARI |
| 40. | 2001PC20206 | ISHWARYA C |
| 41. | 2001PC20207 | KALAISELVI M |


 Head of the Department
 Department of Biochemistry
 School of Arts & S.
 PRIST Deemed to be
 Thanjavur-61


 Dean of Arts & Science
 PRIST Deemed to be University
 Thanjavur - 613 403, Tamil Nadu

TOOLS OF BIOINFORMATICS

PARTICIPATION BOUNDED RESEARCH

By

B.RAJI

(Reg No: 1901PC10101)

III BSc Biochemistry

DEPARTMENT OF BIOCHEMISTRY

School of Arts and Science



**PONNAIYAH RAMAJAYAM INSTITUTE OF
SCIENCE & TECHNOLOGY [PRIST]**

**(Institution Deemed to be University – U/s 3 of the
UGC Act,1956) THANJAVUR – 613 403 - TAMIL
NADU**

AUGUST- 2022



21-22

Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : B. Raji
- Register No. : 1901PE10101
- Programme & Branch : B.Sc Biochem Batch: 2019-2022 Semester: 2

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. A. Rendaresan
- Designation: AP Department: Biochemistry

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

Tools of Bioinformatics

ii. Date of Allotment of the Task: 9/8/22

iii. Due Date Proposed for Completion of Task: 29/8/22

Signature of the Student:
B. Raji

Signature of the Faculty Advisor

Date: 29/8/22



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : B. Raji
- Register No. : 1901PC10101
- Programme & Branch : B.Sc - B Tech: 19-22 Semester: 1

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. A. Jendaresan
- Designation: Asst Department: Biochemistry

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Tools of Bioinformatics

ii. Date of Allotment of the Task:

07/8/22

iii. Date of Completion of the Task:

29/8/22

IV. Certificate for Successful Completion of Task

This is to certify that Mr. /Ms. B. Raji, a bonafide student of Biochem
 (Reg. No. 1901PC10101) who has been allotted a Research Related Task - Tools of
Bioinformatics,
 has successfully completed the above mentioned task on 29/8/22 to my satisfaction and has
 submitted all task completion related records to me.

Date: 29/8/22

[Signature]

[Signature]
Signature of the Faculty Advisor



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : B. Raji
- Register No. : 1901PC10101
- Programme & Branch : B.Sc(Bc) Batch: 19-22 Semester: 2

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. A. Sundaresan
- Designation: AP Department: Biochemistry

III. Details of the Task Undertaken:

- Details of the Task: Tools of Bioinformatics
- Date of Allotment of the Task: 9/8/22
- Date of Completion of the Task: 29/8/22

IV. Declaration of the Student

I, B. Raji, a student of Biochem Programme (Reg.No. 1901PC10101) hereby declare that I have completed the Research Related Task "Tools of Bioinformatics"

upto the satisfaction of my Advisor and have submitted all related records to him on 29/8/22. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 29/8/22

Signature of the Student: B. Raji

Faculty Advisor



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PARTICIPATION IN BOUNDED RESEARCH

B.Sc. MATHEMATICS

2021-2022



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Department of Mathematics

1.3.4 Percentage of students undertaking field projects / research projects / internships

PARTICIPATION IN BOUNDED RESEARCH

| NAME | PROGRAMM | REG.NO. | TITLE | LOCATION |
|----------------------|--------------------|-------------|-------------------------------------------------------------|----------------------------------------------------------------------|
| 1. R.Sathya | B.Sc., Mathematics | 1901MA10201 | Control Measures In The Spread Of HIV | Lifeline Hospitals Private Hospital In Chennai, Tamil Nadu |
| 2. R.Jothika | B.Sc., Mathematics | 1901MA10202 | Analysis Of Pulse Wave In Human Fluid-Structure Interaction | Dr.Kamakshi Memorial Hospitals Hospital In Chennai, Tamil Nadu |
| 3. T.Rajesh | B.Sc., Mathematics | 1901MA10203 | Dynamics Of Ebola Virus Diseases In Human Population | Venkateswara Hospitals General Hospital In Chennai, Tamil Nadu |
| 4. T.Asik Ussain | B.Sc., Mathematics | 1901MA10204 | Tucker's Methods Of Solving Non Linear Programming Problems | Arokia Annai Hospital Physiotherapy Center Chennai, Tamil Nadu |
| 5. K.Vaishno Devi | B.Sc., Mathematics | 1901MA10205 | Colora Transmission In Sickle Cell Populace | Apollo Hospital Chennai Hospital Greams Lane, 21, Greams Rd |
| 6. T.Manikanda Prabu | B.Sc., Mathematics | 1901MA10101 | Models on Transmission | Hindu Mission Hospital General Hospital 103, Grand Southern Trunk Rd |
| 7. S.Sindhuja | B.Sc., Mathematics | 1901MA10206 | On Deaf Mechanism | Murugan Hospitals General Hospital 264, 125, Kilpauk Garden Road |

S. Srinivasan
H.O.D.

DEPARTMENT OF MATHEMATICS
PRIST DEEMED TO BE UNIVERSITY
THANJAVUR - 613 403

S. Srinivasan

Dean
School of Arts & Science
Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST)
Deemed to be University
Thanjavur - 613 403

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H.
PARTMENT C
DEEMED
ANJAVU

| | | | | | |
|-----|--------------------|--------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| | D.Priyanga | B.Sc., Mathematics | 1901MA10207 | Oscillating Boundaries | Be Well Hospitals T. Nagar General Hospital Room No.5, Be Well Hospitals, Chennai. |
| 9. | G.Parimala | B.Sc., Mathematics | 1901MA10208 | Agricultural Financing And Economic Growth In India | Meiyur Agricultural Training Pvt Ltd Training Centre In Chennai, Tamil Nadu |
| 10. | S.Maha Lakshmi | B.Sc., Mathematics | 1901MA10209 | Economic Analysis Of Fluted Pumpkin Production | Meiyur Agricultural Training Pvt Ltd Training Centre In Chennai, Tamil Nadu |
| 11. | S.Vignesh Kumar | B.Sc., Mathematics | 1901MA10102 | Production In Selected Local Non Government Areas | National Agro Foundation Non-Governmental Organization In Chennai, Tamil Nadu |
| 12. | T.Manikandan | B.Sc., Mathematics | 1901MA10103 | The Impact Of The Distribution And Utilization Of Oil Palm On The Socio Economic Development In Oruk Anam Local Government Area | Bharath College Of Agriculture 173, Agaram Main Rd., Balaji Nagar, Selaiyur, Chennai, Tamil Nadu 600073 |
| 13. | G.Suvetha | B.Sc., Mathematics | 1901MA10210 | Commercial Shops Credit And Agricultural Output In Nigeria | Grace Agri Products 6, New Street, Rajiv Gandhi Nagar, Thathan Kuppam, Villivakkam, Chennai, Tamil Nadu 600049 |
| 14. | K.Manimaran | B.Sc., Mathematics | 1901MA10104 | Strategies For Involving Rural Farmers In Agricultural Biodiversity Conservation | Agriculture Research Centre No 32, Main Road Balaji Nagar Part One, Ajantha Enterprises, Adhambakkam, Chennai, Tamil Nadu 600088 |

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| | | | | | |
|-----|---------------|--------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| | V.Gayathri | B.Sc., Mathematics | 1901MA10211 | The Deffects Of Different Processing Techniques On The Organoleptic Quality Of cow Milk | Center For Research On Sustainable Agriculture And Rural Development X6wx+W3f, Tharamani, Cit Campus, Tharamani, Chennai, Tamil Nadu 600113 |
| 16. | R.Arthi | B.Sc., Mathematics | 1901MA10212 | Impact Of Agricultural Development On Nigeria Economic Growth | Sathviga Integrated Agro Farms 54, Reddy Kuppam Rd, Panneerselvam Nagar, Saidapet, Chennai, Tamil Nadu 600015 |
| 17. | S.Chidambaram | B.Sc., Mathematics | 1901MA10213 | Influence Of Topography On Soil Profile Characteristics And Fertility | Grace Agri Products Garden Center In Chennai, TamilNadu |
| 18. | M.Santhiya | B.Sc., Mathematics | 1901MA10214 | Impact Of Loan Acquisition On Agriculture | Tamil Nadu Agricultural University Training Centre In Chennai, Tamil Nadu |
| 19. | B.Abinaya | B.Sc., Mathematics | 1901MA10215 | Commercial Shops Credit And Agricultural Output In Nigeria | Grace Agri Products 6, New Street, Rajiv Gandhi Nagar, Thathan Kuppam, Villivakkam, Chennai, Tamil Nadu 600049 |
| 20. | M. Vikram | B.Sc., Mathematics | 1901MA10105 | Production In Selected Local Non Government Areas | National Agro Foundation Non-Governmental Organization In Chennai, Tamil Nadu |
| 21. | M. Venkatesh | B.Sc., Mathematics | 1901MA10106 | The Impact Of The Distribution And Utilization Of Oil Palm On The Socio Economic Development In Oruk Anam Local Government Area | Bharath College Of Agriculture 173, Agaram Main Rd., Balaji Nagar, Selaiyur, Chennai, Tamil Nadu 600073 |

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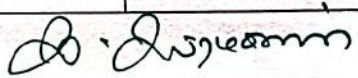
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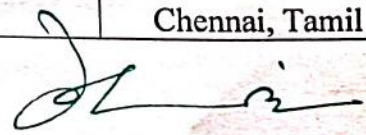
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| | | | | | |
|-----|----------------------|--------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| | G. Iswarya | B.Sc., Mathematics | 1901MA10216 | Commercial Shops Credit And Agricultural Output In Nigeria | Grace Agri Products 6, New Street, Rajiv Gandhi Nagar, Thathan Kuppam, Villivakkam, Chennai, Tamil Nadu 600049 |
| 23. | K.Ranjith Kumar | B.Sc., Mathematics | 1901MA10107 | Strategies For Involving Rural Farmers In Agricultural Biodiversity Conservation | Agriculture Research Centre No 32, Main Road Balaji Nagar Part One, Ajantha Enterprises, Adhambakkam, Chennai, Tamil Nadu 600088 |
| 24. | S.Dineshkumar | B.Sc., Mathematics | 1901MA10108 | Production In Selected Local Non Government Areas | National Agro Foundation Non-Governmental Organization In Chennai, Tamil Nadu |
| 25. | B.P. Pradeep | B.Sc., Mathematics | 1901MA10109 | The Impact Of The Distribution And Utilization Of Oil Palm On The Socio Economic Development In Oruk Anam Local Government Area | Bharath College Of Agriculture 173, Agaram Main Rd., Balaji Nagar, Selaiyur, Chennai, Tamil Nadu 600073 |
| 26. | S.Kamalesh | B.Sc., Mathematics | 1901MA10110 | Commercial Shops Credit And Agricultural Output In Nigeria | Grace Agri Products 6, New Street, Rajiv Gandhi Nagar, Thathan Kuppam, Villivakkam, Chennai, Tamil Nadu 600049 |
| 27. | R.Subash Chandraboss | B.Sc., Mathematics | 1901MA10111 | Strategies For Involving Rural Farmers In Agricultural Biodiversity Conservation | Agriculture Research Centre No 32, Main Road Balaji Nagar Part One, Ajantha Enterprises, Adhambakkam, Chennai, Tamil |


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| | | | | |
|-----|-----------------|--------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | | Nadu 600088 |
| | V.Raveendar | B.Sc., Mathematics | 1901MA10112 | Production In Selected Local Non Government Areas National Agro Foundation Non-Governmental Organization In Chennai, Tamil Nadu |
| 29. | R.Rajesh Kumar | B.Sc., Mathematics | 1901MA10113 | The Impact Of The Distribution And Utilization Of Oil Palm On The Socio Economic Development In Oruk Anam Local Government Area Bharath College Of Agriculture 173, Agaram Main Rd., Balaji Nagar, Selaiyur, Chennai, Tamil Nadu 600073 |
| 30. | M.Mohamed Aris | B.Sc., Mathematics | 1901MA10114 | Commercial Shops Credit And Agricultural Output In Nigeria Grace Agri Products 6, New Street, Rajiv Gandhi Nagar, Thathan Kuppam, Villivakkam, Chennai, Tamil Nadu 600049 |
| 31. | T.Viswak | B.Sc., Mathematics | 1901MA10115 | Strategies For Involving Rural Farmers In Agricultural Biodiversity Conservation Agriculture Research Centre No 32, Main Road Balaji Nagar Part One, Ajantha Enterprises, Adhambakkam, Chennai, Tamil Nadu 600088 |
| 32. | V.Kirupanithi | B.Sc., Mathematics | 1901MA10116 | Production In Selected Local Non Government Areas National Agro Foundation Non-Governmental Organization In Chennai, Tamil Nadu |
| 33. | S.Praveen Kumar | B.Sc., Mathematics | 1901MA10117 | The Impact Of The Distribution And Utilization Of Oil Palm On The Socio Economic Development In Oruk Anam Local Government Area Bharath College Of Agriculture 173, Agaram Main Rd., Balaji Nagar, Selaiyur, Chennai, Tamil Nadu 600073 |

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| | | | | | |
|-----|---------------|--------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| | R.Rubika. | B.Sc., Mathematics | 1901MA10217 | Commercial Shops Credit And Agricultural Output In Nigeria | Grace Agri Products 6, New Street, Rajiv Gandhi Nagar, Thathan Kuppam, Villivakkam, Chennai, Tamil Nadu 600049 |
| 35. | M.Selva. | B.Sc., Mathematics | 1901MA10118 | Strategies For Involving Rural Farmers In Agricultural Biodiversity Conservation | Agriculture Research Centre No 32, Main Road Balaji Nagar Part One, Ajantha Enterprises, Adhambakkam, Chennai, Tamil Nadu 600088 |
| 36. | Y.Asim Ahamed | B.Sc., Mathematics | 1901MA10119 | Production In Selected Local Non Government Areas | National Agro Foundation Non-Governmental Organization In Chennai, Tamil Nadu |
| 37. | B.K.Thannavan | B.Sc., Mathematics | 1901MA10120 | The Impact Of The Distribution And Utilization Of Oil Palm On The Socio Economic Development In Oruk Anam Local Government Area | Bharath College Of Agriculture 173, Agaram Main Rd., Balaji Nagar, Selaiyur, Chennai, Tamil Nadu 600073 |
| 38. | A.Deepak | B.Sc., Mathematics | 1901MA10121 | Commercial Shops Credit And Agricultural Output In Nigeria | Grace Agri Products 6, New Street, Rajiv Gandhi Nagar, Thathan Kuppam, Villivakkam, Chennai, Tamil Nadu 600049 |
| 39. | R.Kaliyappan | B.Sc., Mathematics | 1901MA10122 | Strategies For Involving Rural Farmers In Agricultural Biodiversity Conservation | Agriculture Research Centre No 32, Main Road Balaji Nagar Part One, Ajantha Enterprises, Adhambakkam, Chennai, Tamil Nadu 600088 |

J. Jeyaraj

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| | | | | | |
|-----|---------------|--------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| | U Santhiya | B.Sc., Mathematics | 1901MA10223 | Production In Selected Local Non Government Areas | National Agro Foundation Non-Governmental Organization In Chennai, Tamil Nadu |
| 41. | V Hemashree | B.Sc., Mathematics | 1901MA10219 | The Impact Of The Distribution And Utilization Of Oil Palm On The Socio Economic Development In Oruk Anam Local Government Area | Bharath College Of Agriculture 173, Agaram Main Rd., Balaji Nagar, Selaiyur, Chennai, Tamil Nadu 600073 |
| 42. | A Akilan | B.Sc., Mathematics | 1901MA10124 | Commercial Shops Credit And Agricultural Output In Nigeria | Grace Agri Products 6, New Street, Rajiv Gandhi Nagar, Thathan Kuppam, Villivakkam, Chennai, Tamil Nadu 600049 |
| 43. | M Manikandan | B.Sc., Mathematics | 1901MA10125 | Strategies For Involving Rural Farmers In Agricultural Biodiversity Conservation | Agriculture Research Centre No 32, Main Road Balaji Nagar Part One, Ajantha Enterprises, Adhambakkam, Chennai, Tamil Nadu 600088 |
| 44. | M A Subashini | B.Sc., Mathematics | 1901MA10220 | Production In Selected Local Non Government Areas | National Agro Foundation Non-Governmental Organization In Chennai, Tamil Nadu |
| 45. | B Pradheepa | B.Sc., Mathematics | 1901MA10221 | The Impact Of The Distribution And Utilization Of Oil Palm On The Socio Economic Development In Oruk Anam Local Government Area | Bharath College Of Agriculture 173, Agaram Main Rd., Balaji Nagar, Selaiyur, Chennai, Tamil Nadu 600073 |
| 46. | G Jegannath | B.Sc., Mathematics | 1901MA10126 | Commercial Shops Credit And | Grace Agri Products 6, New Street, Rajiv |

Do. Dr. J. Jeyaram

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Agricultural Output In Nigeria

Gandhi Nagar,
Thathan Kuppam,
Villivakkam,
Chennai, Tamil
Nadu 600049

$$\begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix} \begin{pmatrix} x \\ y \\ z \end{pmatrix} = \begin{pmatrix} 100 \\ 200 \\ 300 \end{pmatrix}$$

$$\begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix} \begin{pmatrix} x \\ y \\ z \end{pmatrix} = \begin{pmatrix} 100 \\ 200 \\ 300 \end{pmatrix}$$

$$x = 100, y = 200, z = 300$$

$$x = 100, y = 200, z = 300$$

$$x = 100, y = 200, z = 300$$

$$x = 100, y = 200, z = 300$$

$$x = 100$$



J. Jayaraman

H.O.D.

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Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : R. Sathya
- Register No. : 1901MA10201
- Programme & Branch : B.Sc Maths Batch: 2019- Semester: ✓
2022

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. D.R. Kisubha Karan
- Designation: Assistant Professor Department: Mathematics

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

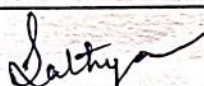
Control measure in the spread of HIV

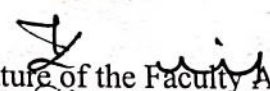
ii. Date of Allotment of the Task:

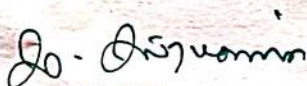
4.10.21

iii. Due Date Proposed for Completion of Task:

6.12.21


Signature of the Student:


Signature of the Faculty Advisor


H.O.D.

Date: 6.12.21

Dean

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Valliam, Thanjavur - 613 403.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : R. Sathya
- Register No. : 1901MA10201
- Programme & Branch : B.Sc Maths Batch: 2019 - Semester: 2022

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. D.R. Kirubakaran
- Designation: Assistant Professor Department: Mathematics,

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Control measures in spread of HIV

ii. Date of Allotment of the Task:

4.10.21

iii. Date of Completion of the

6.12.21

Task:

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. R. Sathya, a bonafide student of B.Sc. MATHEMATICS (Reg.No. 1901MA10201) who has been allotted a Research Related Task "Control Measures in spread of HIV" on _____, has successfully completed the above mentioned task on 6.12.21 to my satisfaction and has submitted all task completion related records to me.

Date: 6.12.21

D. Durgamini
H.O.D.

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D. Durgamini
HOD

Signature of the Faculty Advisor

D. Durgamini
Dean

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Science & Technology (PRIST)
Deemed to be University
Valluvar, Thanjavur - 613 403.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : R. Sathya
- Register No. : 1901MA10201
- Programme & Branch : B.Sc Maths Batch: 2019, Semester: ✓
2022

II. Faculty Advisor Details

- Name of the Faculty Advisor : DR. D.R. Kizubhakaran
- Designation: Assistant Professor Department: Mathematics

III. Details of the Task Undertaken:

i. Details of the Task:

Control measures in the spread of HIV

ii. Date of Allotment of the Task:

4.10.21

iii. Date of Completion of the

6.12.21

Task:

IV. Declaration of the Student

I, R. SATHYA, a student of B.Sc MATHS Programme (Reg.No. 1901MA10201), hereby declare that I have completed the Research Related Task "Control Measures in the Spread of HIV"

upto the satisfaction of my Advisor and have submitted all related records to him on _____

.Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 6.12.21

R. Sathya
Signature of the Student

D.R. Kizubhakaran
Faculty Advisor

S. Srinivasan

H.O.D.

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HOD

J. Srinivasan

Dean

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CONTROL MEASURES IN THE SPREAD OF HIV

Participation in Bounded Research

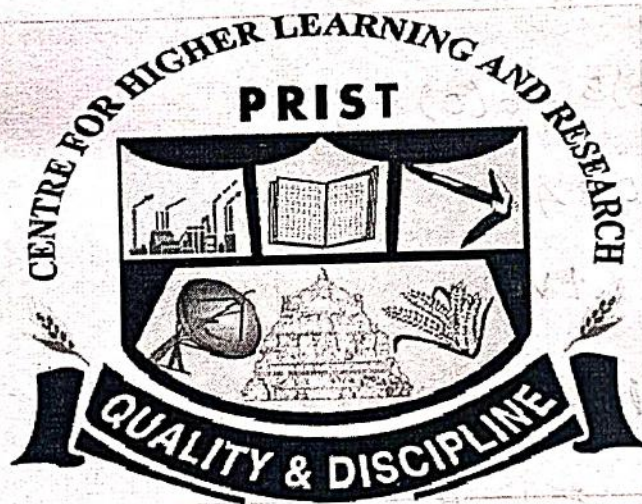
Submitted to Partial fulfillment of the requirements for the award of the
Degree of Bachelor of Science in Mathematics

By

R. SATHYA

(REG NO- 1901MA10201)

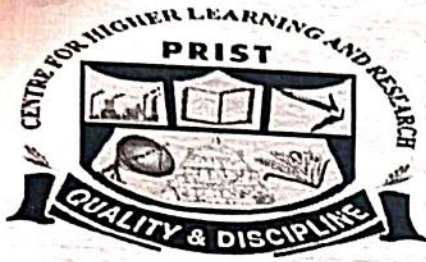
DEPARTMENT OF MATHEMATICS



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VALLAM, THANJAVUR – 613 403

DECEMBER-2021



R. SATHYA

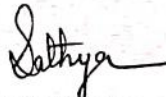
PRIST UNIVERSITY,
VallamThanjavur – 613 403
Tamil Nadu,


Declaration

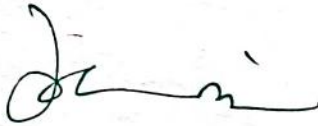
I do hereby declare that the work entitled “ CONTROL MEASURES IN THE SPREAD OF HIV ”submitted by me to the **PRIST DEEMED TO BE UNIVERSITY**, Thanjavur-613 403 for Participation of Bounded research work carried out by me under the supervision of Assitant Professor Dr. D.R. KIRUBAHARAN. The contents of this, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma, membership, fellowship, associate ship etc., In keeping with the general practice in reporting scientific observation, due acknowledgement has been made whenever the work described is based on the findings of other investigators.

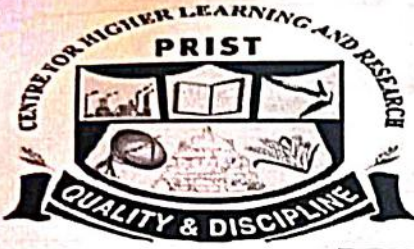
Place: THANJAVUR

Date: 6.12.2021


Signature of Research Scholar
(R. SATHYA)


H.O.D.
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Deemed to be University
Vallam, Thanjavur - 613 403.



R. SATHYA
PRIST UNIVERSITY,
VallamThanjavur – 613 403
Tamil Nadu,

Dr. D. R. KIRUBAHARAN

Assistant Professor

Bona-Fide Certificate

This is to certify that the thesis entitled "**Declaration**

I do hereby declare that the work entitled "**CONTROL MEASURES IN THE SPREAD OF HIV**", submitted by R. SATHYA to the PRIST UNIVERSITY, Thanjavur – 613 403 for Participation of bounded research work carried out by her under my supervision. The contents of this, in full or in parts, have not been submitted to any other Institute or University for the award of any degree, diploma, associate ship, fellowship or any similar title and that it represents entirely an independent work on the part of the candidate.

Thanjavur-613 403

Date: 6.12.21

Seal


Research Guide



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RESEARCH PROJECT

M.Sc. MATHEMATICS

2021-2022



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Department of Mathematics

1.3.4 Percentage of students undertaking field projects / research projects / internships

RESEARCH PROJECT

| NAME | PROGRAMM | REG.NO. | TITLE | LOCATION |
|----------------|-----------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| L Monica Selas | M.Sc., Mathematics | 2001MA20201 | Commercial Shops Credit And Agricultural Output In Nigeria | Grace Agri Products 6, New Street, Rajiv Gandhi Nagar, Thathan Kuppam, Villivakkam, Chennai, Tamil Nadu 600049 |
| B.Roja | M.Sc., Mathematics | 2001MA20202 | Strategies For Involving Rural Farmers In Agricultural Biodiversity Conservation | Agriculture Research Centre No 32, Main Road Balaji Nagar Part One, Ajantha Enterprises, Adhambakkam, Chennai, Tamil Nadu 600088 |
| K.Thanasekaran | M.Sc., Mathematics | 2001MA20101 | Production In Selected Local Non Government Areas | National Agro Foundation Non-Governmental Organization In Chennai, Tamil Nadu |
| S.Indhumathi | M.Sc., Mathematics | 2001MA20203 | The Impact Of The Distribution And Utilization Of Oil Palm On The Socio Economic Development In Oruk Anam Local Government Area | Bharath College Of Agriculture 173, Agaram Main Rd., Balaji Nagar, Selaiyur, Chennai, Tamil Nadu 600073 |
| V Sivarajan | M.Sc., Mathematics | 2001MA20102 | Commercial Shops Credit And Agricultural Output In Nigeria | Grace Agri Products 6, New Street, Rajiv Gandhi Nagar, Thathan Kuppam, |

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Valiam, Thanjavur - 613 403.

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|-----|---------------|-----------------------|-------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | | | Villivakkam, Chennai, Tamil Nadu 600049 |
| 6. | T Athiesh | M.Sc., Mathematics | 2001MA20103 | Strategies For Involving Rural Farmers In Agricultural Biodiversity Conservation | Agriculture Research Centre No 32,Main Road Balaji Nagar Part One,Ajantha Enterprises, Adhambakkam, Chennai, Tamil Nadu 600088 |
| 7. | V Vishnu | M.Sc., Mathematics | 2001MA20104 | Production In Selected Local Non Government Areas | National Agro Foundation Non-Governmental Organization In Chennai, Tamil Nadu |
| 8. | Alex Ajees.N | M.Sc., Mathematics | 2001MA20105 | Commercial Shops Credit And Agricultural Output In Nigeria | Grace Agri Products 6, New Street, Rajiv Gandhi Nagar, Thathan Kuppam, Villivakkam, Chennai, Tamil Nadu 600049 |
| 9. | I. Prabhu | M.Sc., Mathematics | 2001MA20106 | Commercial Shops Credit And Agricultural Output In Nigeria | Grace Agri Products 6, New Street, Rajiv Gandhi Nagar, Thathan Kuppam, Villivakkam, Chennai, Tamil Nadu 600049 |
| 10. | R. Srinivasan | M.Sc., Mathematics | 2001MA20107 | Strategies For Involving Rural Farmers In Agricultural Biodiversity Conservation | Agriculture Research Centre No 32,Main Road Balaji Nagar Part One,Ajantha Enterprises, Adhambakkam, Chennai, Tamil Nadu 600088 |
| 11. | S Ridhvan | M.Sc., Mathematics | 2001MA20108 | Production In Selected Local Non Government Areas | National Agro Foundation Non-Governmental Organization In |

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| | | | | | |
|-----|--------------|-----------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| | | | | | Chennai, Tamil Nadu |
| 12. | M.Nikhil | M.Sc., Mathematics | 2001MA20109 | Strategies For Involving Rural Farmers In Agricultural Biodiversity Conservation | Agriculture Research Centre No 32,Main Road Balaji Nagar Part One,Ajantha Enterprises, Adhambakkam, Chennai, Tamil Nadu 600088 |
| 13. | A. Akil | M.Sc., Mathematics | 2001MA20110 | Strategies For Involving Rural Farmers In Agricultural Biodiversity Conservation | Agriculture Research Centre No 32,Main Road Balaji Nagar Part One,Ajantha Enterprises, Adhambakkam, Chennai, Tamil Nadu 600088 |
| 14. | A. Muhundhan | M.Sc., Mathematics | 2001MA20111 | The Impact Of The Distribution And Utilization Of Oil Palm On The Socio Economic Development In Oruk Anam Local Government Area | Bharath College Of Agriculture 173, Agaram Main Rd., Balaji Nagar, Selaiyur, Chennai, Tamil Nadu 600073 |
| 15. | S. Raja | M.Sc., Mathematics | 2001MA20112 | Production In Selected Local Non Government Areas | National Agro Foundation Non-Governmental Organization In Chennai, Tamil Nadu |
| 16. | L.Rajasekar | M.Sc., Mathematics | 2001MA20113 | Strategies For Involving Rural Farmers In Agricultural Biodiversity Conservation | Agriculture Research Centre No 32,Main Road Balaji Nagar Part One,Ajantha Enterprises, Adhambakkam, Chennai, Tamil Nadu 600088 |

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| | | | | | |
|-----|---------------------------|-----------------------|-------------|---------------------------------------------------------|----------------------------------------------------------------------------------------------|
| | T. Sukumar | M.Sc., Mathematics | 2001MA20114 | Production In Selected Local Non Government Areas | National Agro Foundation Non-Governmental Organization In Chennai, Tamil Nadu |
| 18. | M. Balasubramania n | M.Sc., Mathematics | 2001MA20115 | Production In Selected Local Non Government Areas | National Agro Foundation Non-Governmental Organization In Chennai, Tamil Nadu |

Do. Iniguan

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 of Science & Technology (PRIST),
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STRATEGIES FOR INVOLVING RURAL FARMERS IN AGRICULTURAL BIODIVERSITY CONSERVATION

Project Submitted to Partial fulfillment of the requirements for the award of the

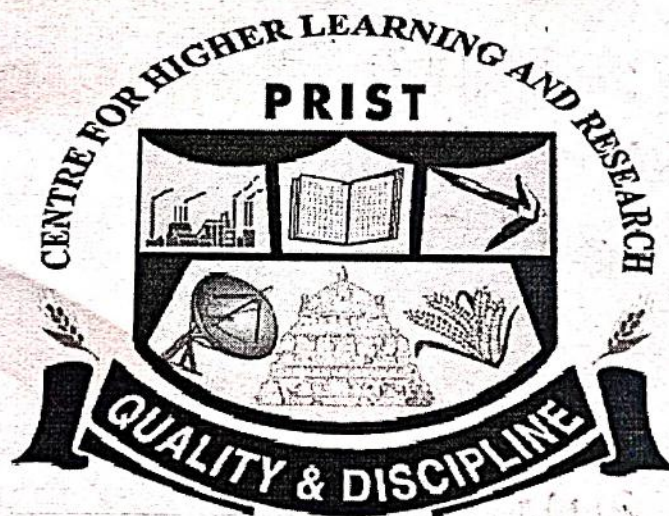
Degree of Master of Science in Mathematics

By

B. ROJA

(REG NO- 2001MA20202)

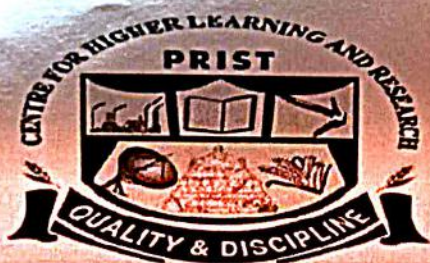
DEPARTMENT OF MATHEMATICS



PRIST DEEMED TO BE UNIVERSITY

VALLAM, THANJAVUR – 613 403

March-2019



B. ROJA

PRIST UNIVERSITY,

Vallam Thanjavur - 613 403

Tamil Nadu,

Declaration

I do hereby declare that the work entitled "**STRATEGIES FOR INVOLVING RURAL FARMERS IN AGRICULTURAL BIODIVERSITY CONSERVATION**" submitted by me to the **PRIST DEEMED TO BE UNIVERSITY**, Thanjavur-613 403 for Project work carried out by me under the supervision of Assistant Professor Dr. M. Gayathri. The contents of this, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma, membership, fellowship, associate ship etc., In keeping with the general practice in reporting scientific observation, due acknowledgement has been made whenever the work described is based on the findings of other investigators.

Place: THANJAVUR

Date: 5.3.2021

H.O.D.

**DEPARTMENT OF MATHEMATICS
PRIST DEEMED TO BE UNIVERSITY
THANJAVUR - 613 403**

**Signature of Research Scholar
(B. ROJA)**

Dean

**School of Arts & Science
Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST)
Deemed to be University
Vallam, Thanjavur - 613 403.**



B. ROJA
PRIST UNIVERSITY,
VallamThanjavur – 613 403
Tamil Nadu,

Dr. M. GAYATHRI

Assistant Professor

Bona-Fide Certificate

This is to certify that the thesis entitled “STRATEGIES FOR INVOLVING RURAL FARMERS IN AGRICULTURAL BIODIVERSITY CONSERVATION”, submitted by B. Roja to the PRIST UNIVERSITY, Thanjavur – 613 403 for Project work carried out by her under my supervision. The contents of this, in full or in parts, have not been submitted to any other Institute or University for the award of any degree, diploma, associate ship, fellowship or any similar title and that it represents entirely an independent work on the part of the candidate.

Thanjavur-613 403

Date: 5.3.2021

Seal

Research Guide

H.O.D.
DEPARTMENT OF MATHEMATICS
PRIST DEEMED TO BE UNIVERSITY
THANJAVUR - 613 403

Dean
School of Arts & Science
Ponnayyah Ramajayam Institute of
Science & Technology (PRIST)
Deemed to be University
Vallam Thanjavur - 613 403.



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NAAC ACCREDITED
THANJAVUR--613403-TAMILNADU

RESEARCH PROJECT

M.Phil. MATHEMATICS

4.

2021-2022



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THANJAVUR - 613 403 - TAMILNADU

Department of Mathematics

1.3.4 Percentage of students undertaking field projects / research projects / internships

RESEARCH PROJECT

| | NAME | PROGRAMM | REG.NO. | TITLE | LOCATION |
|----|----------------|-------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 1. | A.Selvakumar | M.Phil., Mathematics | 2101MA30101 | Fuzzy Mathematical Model On Gonorrhoea Transmission Mathematical Model On Gonorrhoea Transmission | Hindu Mission Hospital General Hospital 103, Grand Southern Trunk Rd |
| 2. | K.Kaviarasan | M.Phil., Mathematics | 2101MA30102 | Mathematical Model On Hearing Mechanism | Murugan Hospitals General Hospital 264, 125, Kilpauk Garden Road |
| 3. | Y.Ramesh Kumar | M.Phil., Mathematics | 2101MA30103 | Free Convection Flow Past Vertical Porous Plates With Suction And Oscillating Boundaries | Be Well Hospitals T. Nagar General Hospital Room No.5, Be Well Hospitals, Chennai. |
| 4. | O.Fathima | M.Phil., Mathematics | 2101MA30201 | Impact Of Agricultural Development On Nigeria Economic Growth | Sathviga Integrated Agro Farms 54, Reddy Kuppam Rd, Panneerselvam Nagar, Saidapet, Chennai, Tamil Nadu 600015 |
| 5. | K.Mary | M.Phil. Mathematics | 2101MA30202 | Magnetohydrodynamic Unsteady Free Convection Flow Past Vertical Porous Plates With Suction And Oscillatin | Be Well Hospitals T. Nagar General Hospital Room No.5, Be Well Hospitals, Chennai. |

[Signature]
H.O.D.

DEPARTMENT OF MATHEMATICS
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THANJAVUR - 613 403

[Signature]
Dean

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Vallam, Thanjavur - 613 403.

M.Phil.
Mathematics

2101MA30103

Effects Of Different
Processing Techniques
On The Organoleptic
Quality Of cow Milk

Meiyur Agricultural
Training Pvt Ltd
Training Centre In
Chennai, Tamil
Nadu

L.Radha

L. Radha

H.O.D.

DEPARTMENT OF MATHEMATICS
PRIST DEEMED TO BE UNIVERSITY
THANJAVUR - 613 403

[Signature]

Dean

School of Arts & Science
Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST)
Deemed to be University
Vallam, Thanjavur - 613 403.

MATHEMATICAL MODEL ON HEARING MECHANISM

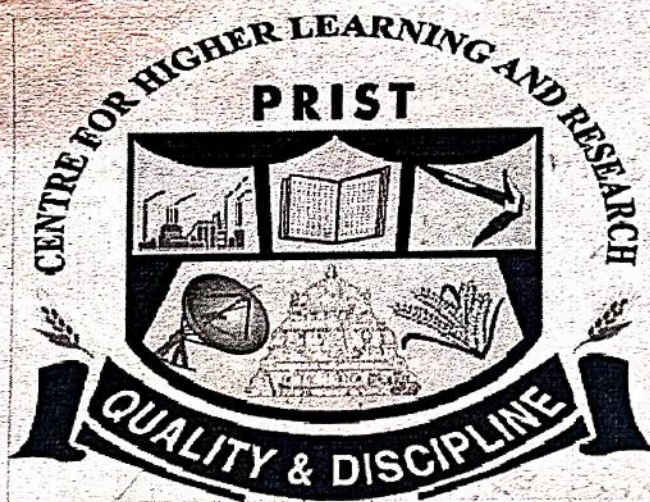
**Project Submitted to Partial fulfillment of the requirements for the award of the
Degree of Master of Philosophy in Mathematics**

By

K.KAVIARASAN

(REG NO- 2101MA30102)

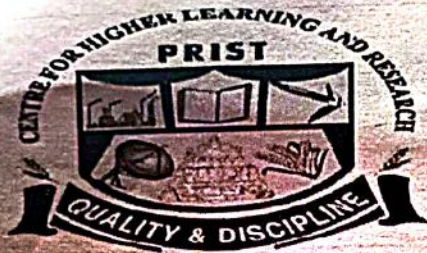
DEPARTMENT OF MATHEMATICS



PRIST DEEMED TO BE UNIVERSITY

VALLAM, THANJAVUR – 613 403

March-2022



K.KAVIARASAN
PRIST UNIVERSITY,
VallamThanjavur – 613 403
Tamil Nadu,

Declaration

I do hereby declare that the work entitled “MATHEMATICAL MODEL ON HEARING MECHANISM” submitted by me to the PRIST DEEMED TO BE UNIVERSITY, Thanjavur-613 403 for Project work carried out by me under the supervision of Assistant Professor Dr.M. Gayathri. The contents of this, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma, membership, fellowship, associate ship etc., In keeping with the general practice in reporting scientific observation, due acknowledgement has been made whenever the work described is based on the findings of other investigators.

Place: THANJAVUR

Date: 8.3.2021

Dr. Jayaraman

H.O.D.

DEPARTMENT OF MATHEMATICS
PRIST DEEMED TO BE UNIVERSITY
THANJAVUR - 613 403

K. Kaviarasan

Signature of Research Scholar
(K.KAVIARASAN)

J. Srinivasan

Dean

School of Arts & Science
Ponnayyah Ramajayam Institute of
Science & Technology (PRIST
Deemed to be University
Thanjavur - 613 403.



K.KAVIARASAN
PRIST UNIVERSITY,
VallamThanjavur - 613 403
Tamil Nadu,

Dr. M. GAYATHRI
Assistant Professor

Bona-Fide Certificate

This is to certify that the thesis entitled "MATHEMATICAL MODEL ON HEARING MECHANISM", submitted by to the PRIST UNIVERSITY, Thanjavur - 613 403 for Project work carried out by him under my supervision. The contents of this, in full or in parts, have not been submitted to any other Institute or University for the award of any degree, diploma, associate ship, fellowship or any similar title and that it represents entirely an independent work on the part of the candidate.

Thanjavur-613 403

Date:

Seal

Research Guide

H.O.D.
DEPARTMENT OF MATHEMATICS
PRIST DEEMED TO BE UNIVERSITY
THANJAVUR - 613 403

Dean
School of Arts & Science
Ponnalyah Ramajayam Institute of
Science & Technology (PRIST,
Deemed to be University
Vallam, Thanjavur - 613 403,

DEPARTMENT OF CIVIL ENGINEERING.

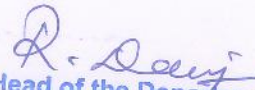
ACADEMIC YEAR: 2020-2021

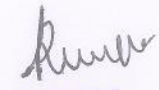
1.3.3. LIST OF STUDENTS UNDERTAKING

DESIGN/SOCIO – TECHNICAL PROJECT

M.TECH FULL TIME

| S.NO | PROGRAMME NAME | REGISTER NUMBER | STUDENT NAME | TITLE OF THE PROJECT |
|------|-----------------------------------------------|-----------------|---------------------|--------------------------------------------------------------------------------------------------------------|
| 1 | M.TECH (Structural Engg) (FT) 19PGSTEFT | 1901SE2001 | DHIVYA J | Comparison of Seismic Performance in Irregular Reinforced Concrete Buildings. |
| 2 | M.TECH (Structural Engg) (FT) | 1901SE2002 | EZHAVENDAN T | Dynamic performance of concrete columns retrofitted with FRP using segment pressure technique. |
| 3 | M.TECH (Structural Engg) (FT) | 1901SE2003 | ARUNKUMAR B | Multi-scale modelling predicts plant stem bending behavior in response to wind to inform lodging resistance. |
| 4 | M.TECH (Structural Engg) (FT) | 1901SE2004 | MOHAMED ASIF A R | Enhancing the Seismic Response of Residential RC Buildings with an Innovative Base Isolation Technique. |
| 5 | M.TECH (Structural Engg) (FT) | 1901SE2005 | ARUMUGAM S | Dynamic behavior and seismic response of structures isolated with low shape factor bearings. |
| 6 | M.TECH (Structural Engg) (FT) | 1901SE2006 | ANTONY PRADEEP B | Investigation of the post-blast fire performance of RC members. |


Head of the Department
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| | | | | |
|----|-------------------------------------|------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------|
| 7 | M.TECH (Structural Engg) (FT) | 1901SE2007 | PRADEEPRAJ R | Project on Comparison between oblique and y column in ETABS. |
| 8 | M.TECH (Structural Engg) (FT) | 1901SE2008 | SUBIAR AHAMED E | Progressive Collapse Assessment of a RC Framed Structure Using Non-Linear Static Analysis. |
| 9 | M.TECH (Structural Engg) (FT) | 1901SE2009 | ARAVINTH B | Comparison of Progressive Collapse Capacity of Steel Moment Resisting Frames and Dual Systems. |
| 10 | M.TECH (Structural Engg) (FT) | 1901SE2010 | MANIKANDAN R | Effect of wind on building frame resting on sloping ground and analysis using ETABS. |
| 11 | M.TECH (Structural Engg) (FT) | 1901SE2011 | ARIVARASAN | Soil-Structure Interaction and Near Fault Pulse-like Earthquakes Effects on Seismic Responses of Isolated Bridges. |
| 12 | M.TECH (Structural Engg) (FT) | 1901SE2012 | KATHIRAVAN.V | Analysis of multistoried building with and without tuned mass damper. |
| 13 | M.TECH (Structural Engg) (FT) | 1901SE2013 | A.ARUN | Seismic Evaluation of Buildings Beam and Columns Retrofitted by Shape Modification and FRP Wrapping. |


S. Sany
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| | | | | |
|----|-------------------------------------|------------|---------------|------------------------------------------------------------------------------------------|
| 14 | M.TECH (Structural Engg) (FT) | 1901SE2014 | B.MOHAMEDANAS | Examination of Structural Behavior of Cable-Stayed Bridges with Different Deck Profiles. |
| 15 | M.TECH (Structural Engg) (FT) | 1901SE2015 | K.PARASURAMAN | Parametric Investigation of Water Tank Design using Genetic Algorithms. |
| 16 | M.TECH (Structural Engg) (FT) | 1901SE2016 | T.TAMILVANAN | Modelling, Analysis, and Design of Residential Multi-Story Buildings |
| 17 | M.TECH (Structural Engg) (FT) | 1901SE2017 | A.TAMILVANAN | Analysis and Design of Water Storage Tanks. |
| 18 | M.TECH (Structural Engg) (FT) | 1901SE2018 | S.KATHIRVELAN | Seismic Response Investigation of Multi-Story Buildings. |


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Science and Technology (PRIST)
Deemed to be University
Vailam, Thanjavur-613,403.

COMPARISON OF SEISMIC PERFORMANCE IN IRREGULAR REINFORCED CONCRETE BUILDINGS

DESIGN/SOCIO – TECHNICAL PROJECT

Submitted as partial fulfillment of the requirements for the award of the Degree of
Master of Technology in Structural Engineering

Submitted By

DHIVYA.J (1901SE2001)

Under the Guidance of

Dr. ASHUTOSH DAS

Professor



SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

PRIST DEEMED TO BE UNIVERSITY

THANJAVUR- 613403

NOVEMBER - 2020

DYNAMIC BEHAVIOR AND SEISMIC RESPONSE OF STRUCTURES ISOLATED WITH LOW SHAPE FACTOR BEARINGS

DESIGN/SOCIO – TECHNICAL PROJECT

Submitted as partial fulfillment of the requirements for the award of the Degree of
Master of Technology in Structural Engineering

Submitted By

ARUMUGAM.S (1901SE2005)

Under the Guidance of

Mr. S.RAVISHANKAR

Assistant Professor



SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

PRIST DEEMED TO BE UNIVERSITY

THANJAVUR- 613403

NOVEMBER - 2020

SEISMIC EVALUATION OF BUILDINGS BEAM AND COLUMNS RETROFITTED BY SHAPE MODIFICATION AND FRP WRAPPING

DESIGN/SOCIO – TECHNICAL PROJECT

Submitted as partial fulfillment of the requirements for the award of the Degree of
Master of Technology in Structural Engineering

Submitted By

ARUN.A (1901SE2013)

Under the Guidance of

Mr. P.VENKATESWARAN

Assistant Professor



SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

PRIST DEEMED TO BE UNIVERSITY

THANJAVUR- 613403

NOVEMBER - 2020

DEPARTMENT OF CIVIL ENGINEERING.

ACADEMIC YEAR: 2020-2021

1.3.3. LIST OF STUDENTS UNDERTAKING PARTICIPATION IN RESEARCH

PROJECT

M.TECH FULL TIME

| S.NO | PROGRAMME NAME | REGISTER NUMBER | STUDENT NAME | TITLE OF THE PROJECT |
|------|-----------------------------------------------|-----------------|---------------------|----------------------------------------------------------------------------------------------------------------|
| 1 | M.TECH (Structural Engg) (FT) 19PGSTEFT | 1901SE2001 | DHIVYA J | Modeling Concrete's Response to Blast Loading. |
| 2 | M.TECH (Structural Engg) (FT) 19PGSTEFT | 1901SE2002 | EZHAVENDAN T | Assessing the Performance of Metal Foam Composite Panel Shear Walls. |
| 3 | M.TECH (Structural Engg) (FT) 19PGSTEFT | 1901SE2003 | ARUNKUMAR B | Investigating the Effects of Partially Replacing Cement and Sand with Biomaterial and Glass Waste in Concrete. |
| 4 | M.TECH (Structural Engg) (FT) 19PGSTEFT | 1901SE2004 | MOHAMED ASIF A R | Designing Pound Control for Elevated Bridges Under Seismic Excitation. |
| 5 | M.TECH (Structural Engg) (FT) 19PGSTEFT | 1901SE2005 | ARUMUGAM S | Examining the Response of Transmission Line-Tower Coupled Systems to Multi-Support Excitations. |
| 6 | M.TECH (Structural Engg) (FT) | 1901SE2006 | ANTONY PRADEEP B | Analyzing the Response of Underground Tunnels to Uniform and Multi-Support |


[Signature]
Head of the Department
Department of Civil Engineering
Ponnaiyah Ramajayam Institute of
Science & Technology (Prist)
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U/s 3 of the UGC Act 1956)
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Deemed to be University
Vallam, Thanjavur - 613 403.

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| | | | | |
|----|--------------------------------------------------|------------|---------------|----------------------------------------------------------------------------------------------|
| 13 | M.TECH (Structural Engg) (FT) 19PGSTEFT | 1901SE2013 | A.ARUN | Developing Ultra High- Performance Concrete for High Strain Rate Impact Resistance. |
| 14 | M.TECH (Structural Engg) (FT) 19PGSTEFT | 1901SE2014 | B.MOHAMEDANAS | Designing RCC Bridges for Resilience against Flash Floods. |
| 15 | M.TECH (Structural Engg) (FT) 19PGSTEFT | 1901SE2015 | K.PARASURAMAN | Enhancing Concrete with Alkali Resistant Glass Fiber. |
| 16 | M.TECH (Structural Engg) (FT) 19PGSTEFT | 1901SE2016 | T.TAMILVANAN | Utilizing Alkali Resistant Glass Fibers in Concrete. |
| 17 | M.TECH (Structural Engg) (FT) 19PGSTEFT | 1901SE2017 | A.TAMILVANAN | Upgrading Corrosion- Damaged FRCM Structures through Retrofitting. |
| 18 | M.TECH (Structural Engg) (FT) 19PGSTEFT | 1901SE2018 | S.KATHIRVELAN | Investigating the Flexural Behavior of RC Beams Strengthened with FRP. |


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Department of Civil Engineering
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Science and Technology (PRIST)
Deemed to be University
Vallam, Thanjavur-613,403

ASSESSING THE PERFORMANCE OF METAL FOAM COMPOSITE PANEL SHEAR WALLS

Submitted as partial fulfillment of the requirements for the award of the Degree of
Master of Technology in Structural Engineering

Submitted By

EZHAVENDAN T (1901SE2002)

Under the Guidance of

Mrs. M KARPAGAM M.TECH.,

Assistant Professor



SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

PRIST DEEMED TO BE UNIVERSITY

THANJAVUR- 613403

MAR 2021

ANALYZING THE RESPONSE OF UNDERGROUND TUNNELS TO UNIFORM AND MULTI-SUPPORT EXCITATIONS

Submitted as partial fulfillment of the requirements for the award of the Degree of
Master of Technology in Structural Engineering

Submitted By

ANTONY PRADEEP B (1901SE2006)

Under the Guidance of

Mrs. T VIDHUDHALAI M.TECH.,

Assistant Professor



SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

PRIST DEEMED TO BE UNIVERSITY

THANJAVUR- 613403

MAR 2021

EXPERIMENTING WITH PERMEABLE CONCRETE USING RECYCLED AGGREGATES

Submitted as partial fulfillment of the requirements for the award of the Degree of
Master of Technology in Structural Engineering

Submitted By

KATHIRAVAN V (1901SE2012)

Under the Guidance of

Mrs. R DEVI M.TECH.,

Assistant Professor



SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

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MAR 2021

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SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING.

ACADEMIC YEAR: -2020-2021

1.3.3. PERCENTAGE OF PROGRAMS THAT HAVE COMPONENTS OF PARTICIPATION IN BOUNDED RESEARCH

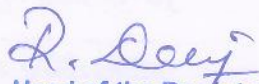
| S.NO | PROGRAMME NAME | REGISTER NUMBER | STUDENT NAME |
|------|----------------|-----------------|------------------|
| 1 | M.TECH (SE) FT | 2001SE20101 | CHANDRAVARMAN.A |
| 2 | M.TECH (SE) FT | 2001SE20102 | RANJITH KUMAR.A |
| 3 | M.TECH (SE) FT | 2001SE20103 | RAJAGOPAL.R |
| 4 | M.TECH (SE) FT | 2001SE20104 | VINOTH.J |
| 5 | M.TECH (SE) FT | 2001SE20105 | ANANTHARAMAN.R |
| 6 | M.TECH (SE) FT | 2001SE20201 | NIKITHA.C |
| 7 | M.TECH (SE) FT | 2001SE20202 | BHUVANESWARI.K |
| 8 | M.TECH (SE) FT | 2001SE20203 | KAYALVIZHI.S |
| 9 | M.TECH (SE) FT | 2001SE20204 | JAYASAKTHIYA.J |
| 10 | M.TECH (SE) FT | 2001SE20205 | KABILAN.B |
| 11 | M.TECH (SE) FT | 2001SE20206 | KALAISELVI.P |
| 12 | M.TECH (SE) FT | 2001SE20207 | KANIMOZHI.S |
| 13 | M.TECH (SE) FT | 2001SE20208 | KANMANI.E |
| 14 | M.TECH (SE) FT | 2001SE20209 | KAVIYARASAN.A |
| 15 | M.TECH (SE) FT | 2001SE20210 | KEERTHI PRIYAA.R |
| 16 | M.TECH (SE) FT | 2001SE20211 | KUMARESAN.T |
| 17 | M.TECH (SE) FT | 2001SE20212 | KANNAKI.S |
| 18 | M.TECH (SE) FT | 2001SE20213 | SELVARAJ.L |
| | M.TECH (SE) FT | 2001SE20214 | NAVINKUMAR.R |

Head of the Department
Department of Civil Engineering
Ponniyiah Ramajayam Institute of
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under Section 3 of the UGC Act 1956)
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[Signature]
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Deemed to be University
Vallam, Thanjavur - 613 403.

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THANJAVUR – 613 403 - TAMILNADU
SCHOOL OF ENGINEERING AND TECHNOLOGY

| | | | |
|----|----------------|-------------|------------------|
| 20 | M.TECH (SE) FT | 2001SE20215 | LALITHAAMBIGAI.G |
| 21 | M.TECH (SE) FT | 2001SE20216 | GNANAM.B |
| 22 | M.TECH (SE) FT | 2001SE20217 | SIVAKUMAR.K |



Head of the Department
Department of Civil Engineering
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Science & Technology (Prist)
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School of Engineering and Tect.
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Deemed to be University
Vallam, Thanjavur-613,403,



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : K-BHUVANESWARI
- Register No. : 2001SE20202
- Programme & Branch : M-Tech e Batch: 20-22 Semester: II
Structural Engineering

II. Faculty Advisor Details

- Name of the Faculty Advisor : P. VENKATESWARAN
- Designation: Assistant professor Department: CIVIL

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

Analysis and design of footbridge

ii. Date of Allotment of the Task:

8/6/20

iii. Due Date Proposed for Completion of Task:

30/6/20

Signature of the Student: Bhuvan

P. Venkateswaran
Signature of the Faculty Advisor

Date: 8/6/20



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : K. BHUVANESWARI
- Register No. : 20019E20202
- Programme & Branch : M-Tech & Structural Engineering Batch: 20-22 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : P. VENKATESWARAN
- Designation: Assistant professor Department: CIVIL

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Analysis and Design of footbridge

ii. Date of Allotment of the Task:

8/6/20

iii. Date of Completion of the

30/6/20

Task:

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. K. BHUVANESWARI a bonafide student of M-Tech-ST

(Reg. No. 20019E20202) who has been allotted a Research Related Task " Analysis

and design of footbridge " on

8/6/20, has successfully completed the above mentioned task on 30/6/20 to my satisfaction and has

submitted all task completion related records to me.

Date: 30/6/20

P. Venkateswaran
HOD

P. Venkateswaran
Signature of the Faculty Advisor



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student :
- Register No. :
- Programme & Branch : M-Tech & Structural Engineering Batch: 20-22 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : K. VENKATESWARAN
- Designation: Assistant professor Department: CIVIL

III. Details of the Task Undertaken:

i. Details of the Task:

Analysis and Design of Footbridge

ii. Date of Allotment of the Task:

8/6/20

iii. Date of Completion of the

30/6/20

Task:

IV. Declaration of the Student

I, _____, a student of _____ Programme (Reg.No. _____), hereby declare that I have completed the Research Related Task" Analysis and Design of Footbridge "

upto the satisfaction of my Advisor and have submitted all related records to him on 30/6/20. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 30/6/20

[Signature]
Faculty Advisor
[Signature]
HOD

[Signature]
Signature of the Student

DEPARTMENT OF CIVIL ENGINEERING.

ACADEMIC YEAR: -2020-2021

1.3.3. LIST OF STUDENTS UNDERTAKING RESEARCH PROJECT

M.TECH PART TIME

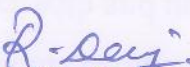
| S.NO | PROGRAMME NAME | REGISTER NUMBER | STUDENT NAME | TITLE OF THE PROJECT |
|------|-----------------------------------------------|-----------------|--------------------|----------------------------------------------------------|
| 1 | M.TECH (Structural Engg) (PT) 17PGSTEPT | 1801SE2801 | KARTHIKEYAN .K | Application Of Nanotechnology In Structural Engineering. |
| 2 | M.TECH (Structural Engg) (PT) 17PGSTEPT | 1801SE2802 | SHANMUGAPRIYAN.P | Advancements In Bridge Design And Construction. |
| 3 | M.TECH (Structural Engg) (PT) 17PGSTEPT | 1801SE2803 | SYED AFRIDI.N | Seismic Retrofitting Of Critical Infrastructure. |
| 4 | M.TECH (Structural Engg) (PT) 17PGSTEPT | 1801SE2804 | VENKATESH PRASAD.S | Performance-Based Design Of Structures. |
| 5 | M.TECH (Structural Engg) (PT) 17PGSTEPT | 1801SE2805 | VIGNESH.M | Resilient Design For Extreme Weather Conditions. |
| 6 | M.TECH (Structural Engg) (PT) 17PGSTEPT | 1801SE2806 | RAMESH RAJA.M | Safety Management In Construction Projects. |
| 7 | M.TECH (Structural Engg) (PT) 17PGSTEPT | 1801SE2807 | A.RAJ KUMAR | Risk Management In Construction Projects. |
| 8 | M.TECH (Structural Engg) (PT) 17PGSTEPT | 1801SE2808 | NAVIN KUMAR SINGH | Sustainable Construction Materials And Methods. |

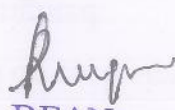
B. Jay
Head of the Department
Department of Civil Engineering
Ponnaiyah Ramajayam Institute of
Science & Technology (Prist)
(Institution Deemed to be University
U/s 3 of the UGC Act 1956)
THANJAVUR - 613 403, TAMILNADU

Arjun
DEAN
School of Engineering and Tech.
Ponnaiyah Ramajayam Institute of
Science and Technology (PRIST)
Deemed to be University
Vallam, Thanjavur-613 403.

PRIST
DEEMED TO BE
UNIVERSITY
NAAC ACCREDITED
THANJAVUR - 613 403 - TAMILNADU
SCHOOL OF ENGINEERING AND TECHNOLOGY

| | | | | |
|----|--------------------------------------------------|------------|------------------------|----------------------------------------------------------------------|
| 9 | M.TECH (Structural Engg) (PT) 17PGSTEPT | 1801SE2809 | ROHIT KUMAR SINGH | Innovative Prefabrication And Modular Construction Techniques. |
| 10 | M.TECH (Structural Engg) (PT) 17PGSTEPT | 1801SE2810 | VIKRAM VIVEK.V | Development Of Advanced Construction Materials. |
| 11 | M.TECH (Structural Engg) (PT) 17PGSTEPT | 1801SE2811 | VIKASH KUMAR.K | Recycling And Reuse Of Construction Materials. |
| 12 | M.TECH (Structural Engg) (PT) 17PGSTEPT | 1801SE2812 | BANDISH KUMAR PATEL | Sustainable Construction Materials. |
| 13 | M.TECH (Structural Engg) (PT) 17PGSTEPT | 1801SE2813 | RAVI KUMAR.S | Nano-Materials In Construction. |
| 14 | M.TECH (Structural Engg) (PT) 17PGSTEPT | 1801SE2814 | KIRUBHAKARAN .S | Corrosion Protection For Infrastructure. |
| 15 | M.TECH (Structural Engg) (PT) 17PGSTEPT | 1801SE2815 | KRISHNA PRIYA .V.G | High-Performance Concrete Mix Design. |
| 16 | M.TECH (Structural Engg) (PT) 17PGSTEPT | 1801SE2816 | JAFFER .A.J | Fire-Resistant Building Materials. |
| 17 | M.TECH (Structural Engg) (PT) 17PGSTEPT | 1801SE2817 | DHANUS .T | Testing And Quality Control Of Construction Materials. |


Head of the Department
Department of Civil Engineering
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DEAN
School of Engineering and Tech.
Ponnaiyah Ramajayam Institute of
Science and Technology (PRIST)
Deemed to be University
Vallam, Thanjavur-613 403.

SEISMIC RETROFITTING OF CRITICAL INFRASTRUCTURE

Submitted as partial fulfillment of the requirements for the award of the Degree of
Master of Technology in Structural Engineering

Submitted By

SYED AFRIDL.N (1801SE2803)

Under the Guidance of

Mrs. M KARPAGAM

Assistant Professor



SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

PRIST DEEMED TO BE UNIVERSITY

THANJAVUR- 613403

MARCH 2021

RISK MANAGEMENT IN CONSTRUCTION PROJECTS

Submitted as partial fulfillment of the requirements for the award of the Degree of
Master of Technology in Structural Engineering

Submitted By

RAJ KUMAR.A (1801SE2807)

Under the Guidance of

Mrs. T VIDHUDHALAI

Assistant Professor



SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

PRIST DEEMED TO BE UNIVERSITY

THANJAVUR- 613403

MARCH 2021

DEVELOPMENT OF ADVANCED CONSTRUCTION MATERIALS

Submitted as partial fulfillment of the requirements for the award of the Degree of
Master of Technology in Structural Engineering

Submitted By

VIKRAM VIVEK.V (1801SE2810)

Under the Guidance of

Mr. S RAMAKRISHNAN

Associate Professor



SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

PRIST DEEMED TO BE UNIVERSITY

THANJAVUR- 613403

MARCH 2021

PRIST
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UNIVERSITY
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THANJAVUR – 613 403 - TAMILNADU
SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING.

ACADEMIC YEAR: -2020-2021

**1.3.3. LIST OF STUDENTS UNDERTAKING
DESIGN/SOCIO – TECHNICAL PROJECT**

M.TECH PART TIME


| S.NO | PROGRAMME NAME | REGISTER NUMBER | STUDENT NAME | TITLE OF THE PROJECT |
|------|-----------------------------------------------|-----------------|---------------------|----------------------------------------------------------------|
| 1 | M.TECH (Structural Engg) (PT) 19PGSTEPT | 1901SE2801 | ANNAPOORANI R | Seismic Hazard Assessment And Mapping. |
| 2 | M.TECH (Structural Engg) (PT) 19PGSTEPT | 1901SE2802 | KANDASAMY V | Retrofitting Of Existing Structures For Earthquake Resistance. |
| 3 | M.TECH (Structural Engg) (PT) 19PGSTEPT | 1901SE2803 | SENTHILKUMAR S | Seismic Design Of Lifeline Systems (Water, Gas, Power). |
| 4 | M.TECH (Structural Engg) (PT) 19PGSTEPT | 1901SE2804 | BALAKRISHNAN M | Soil-Structure Interaction In Seismic Events. |
| 5 | M.TECH (Structural Engg) (PT) 19PGSTEPT | 1901SE2805 | ROSHAN BHANU H A | Seismic Risk Assessment And Mitigation Strategies. |
| 6 | M.TECH (Structural Engg) (PT) 19PGSTEPT | 1901SE2806 | PERIYASAMY M | Non-Destructive Testing For Seismic Damage Assessment. |
| 7 | M.TECH (Structural Engg) (PT) 19PGSTEPT | 1901SE2807 | VIMALRAJA A | Earthquake Early Warning Systems. |
| 8 | M.TECH (Structural Engg) (PT) 19PGSTEPT | 1901SE2808 | DEEPIKA RANI R | Seismic Behavior Of Innovative Materials. |

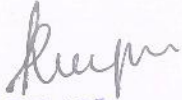
Dr. Deepa
Head of the Department
Department of Civil Engineering
Ponnaiyah Ramajayam Institute of
Science & Technology (Prist)
(Institution Deemed to be University
U/s 3 of the UGC Act 1956)
THANJAVUR - 613 403, TAMIL NADU

Deepa
DEAN
School of Engineering and Tech.
Ponnaiyah Ramajayam Institute of
Science and Technology (PRIST)
Deemed to be University
Vallam, Thanjavur-613 403.

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SCHOOL OF ENGINEERING AND TECHNOLOGY

| | | | | |
|----|--------------------------------------------------|------------|----------------|-----------------------------------------------------------|
| | 19PGSTEPT | | | |
| 9 | M.TECH (Structural Engg) (PT) 19PGSTEPT | 1901SE2809 | MATHIYALAGAN R | Bridge Health Monitoring And Maintenance. |
| 10 | M.TECH (Structural Engg) (PT) 19PGSTEPT | 1901SE2810 | VIMALADEVI S | Performance-Based Earthquake Engineering. |
| 11 | M.TECH (Structural Engg) (PT) 19PGSTEPT | 1901SE2811 | MANJU.M | Bridge Inspection And Assessment Techniques. |
| 12 | M.TECH (Structural Engg) (PT) 19PGSTEPT | 1901SE2812 | MONISHA.C | Post-Earthquake Reconnaissance And Lessons Learned. |
| 13 | M.TECH (Structural Engg) (PT) 19PGSTEPT | 1901SE2813 | NETHAJLV | Smart Bridges And Sensor Technology. |


Head of the Department
Department of Civil Engineering
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DEAN
School of Engineering and Tech.
Ponnaiyah Ramajayam Institute of
Science and Technology (PRIST)
Deemed to be University
Vallam, Thanjavur-613 403.

SEISMIC DESIGN OF LIFELINE SYSTEMS (WATER, GAS, POWER)

DESIGN/SOCIO – TECHNICAL PROJECT

Submitted as partial fulfillment of the requirements for the award of the Degree of
Master of Technology in Structural Engineering

Submitted By

SENTHILKUMAR.S (1901SE2803)

Under the Guidance of

Dr. P PARAMAGURU

Associate Professor



SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

PRIST DEEMED TO BE UNIVERSITY

THANJAVUR- 613403

NOVEMBER - 2020

SEISMIC RISK ASSESSMENT AND MITIGATION STRATEGIES

DESIGN/SOCIO – TECHNICAL PROJECT

Submitted as partial fulfillment of the requirements for the award of the Degree of
Master of Technology in Structural Engineering

Submitted By

ROSHAN BHANU H.A (1901SE2805)

Under the Guidance of

Mr. D.AMAL COLINS

Associate Professor



SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

PRIST DEEMED TO BE UNIVERSITY

THANJAVUR- 613403

NOVEMBER - 2020

NON-DESTRUCTIVE TESTING FOR SEISMIC DAMAGE ASSESSMENT

DESIGN/SOCIO – TECHNICAL PROJECT

Submitted as partial fulfillment of the requirements for the award of the Degree of
Master of Technology in Structural Engineering

Submitted By

PERIYASAMY.M (1901SE2806)

Under the Guidance of

Mr. D JEYAKUMAR

Assistant Professor



SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

PRIST DEEMED TO BE UNIVERSITY

THANJAVUR- 613403

NOVEMBER - 2020

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SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING.

ACADEMIC YEAR: -2020-2021

1.3.3. PERCENTAGE OF PROGRAMS THAT HAVE COMPONENTS OF PARTICIPATION IN BOUNDED RESEARCH

| S.NO | PROGRAMME NAME | REGISTER NUMBER | STUDENT NAME |
|------|----------------|-----------------|----------------------|
| 1 | M.TECH (SE) PT | 2001SE28101 | V.PRASANNA |
| 2 | M.TECH (SE) PT | 2001SE18102 | J.MANIMARAN |
| 3 | M.TECH (SE) PT | 2001SE18103 | VENKATESH.N |
| 4 | M.TECH (SE) PT | 2001SE18104 | VETRISELVAN.R |
| 5 | M.TECH (SE) PT | 2001SE18105 | VIGNESHWARAN.P |
| 6 | M.TECH (SE) PT | 2001SE18106 | ABDULLA.S |
| 7 | M.TECH (SE) PT | 2001SE18107 | ANANTHI.A |
| 8 | M.TECH (SE) PT | 2001SE18108 | BALAMURUGAN.N |
| 9 | M.TECH (SE) PT | 2001SE18109 | GANESH.P |
| 10 | M.TECH (SE) PT | 2001SE18110 | GANESHBABU.R |
| 11 | M.TECH (SE) PT | 2001SE28111 | SUNDARI.P |
| 12 | M.TECH (SE) PT | 2001SE18112 | AARTHILAKSHMI. M |
| 13 | M.TECH (SE) PT | 2001SE18113 | SUREKHA.M |
| 14 | M.TECH (SE) PT | 2001SE18114 | SUNDARAVELAN.N |
| 15 | M.TECH (SE) PT | 2001SE18115 | BALAMANIKANDA N.N |
| 16 | M.TECH (SE) PT | 2001SE18116 | NAGARAJAN.M |
| 17 | M.TECH (SE) PT | 2001SE18117 | GUNASEKAR.N |
| 18 | M.TECH (SE) PT | 2001SE18118 | SANDHIYA.G |
| 19 | M.TECH (SE) PT | 2001SE18119 | THARAGAT.K DEAN |

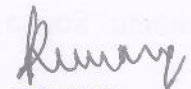
Head of the Department
Department of Civil Engineering
Ponnaiyah Ramajayam Institute of
Science & Technology (Prist)
(Institution Deemed to be University
U/s 3 of the UGC Act 1956)
THANJAVUR - 613 403, TAMILNADU.

School of Engineering and Tech.
Ponnaiyah Ramajayam Institute of
Science and Technology (PRIST)
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SCHOOL OF ENGINEERING AND TECHNOLOGY

| | | | |
|----|----------------|-------------|-------------|
| 20 | M.TECH (SE) PT | 2001SE18120 | MITHUN.M |
| 21 | M.TECH (SE) PT | 2001SE18121 | SHANMUGAM.C |
| 22 | M.TECH (SE) PT | 2001SE18122 | GOWRISRI.E |


Head of the Department
Department of Civil Engineering
Ponnaiyah Ramajayam Institute of
Science & Technology (Prist)
(Institution Deemed to be University
U-3 of the UGC Act 1956)
THANJAVUR - 613 403, TAMILNADU.


DEAN
School of Engineering and Tect.
Ponnaiyah Ramajayam Institute of
Science and Technology (PRIST)
Deemed to be University
Vallam, Thanjavur-613,403.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : S. Abdulla
- Register No. : 20018E18106
- Programme & Branch : M-Tech & Batch: 20-23 Semester: II
Structural Engineering

II. Faculty Advisor Details

- Name of the Faculty Advisor : S. VENNILA
- Designation: Assistant professor Department: CIVIL

III. Details of Research Related Task Allotted:

- i. Description of Research Related Task

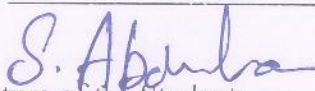
Analysis and design of assembly building

- ii. Date of Allotment of the Task:

9/6/20

- iii. Due Date Proposed for Completion of Task:

30/6/20


Signature of the Student:


Signature of the Faculty Advisor

Date: 9/6/20



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : S. Abdulla
- Register No. : 20013E18106
- Programme & Branch : M-Tech & Structural Engineering Batch: 20-23 Semester: IV

II. Faculty Advisor Details

- Name of the Faculty Advisor : S- VENNICA
- Designation: Assistant professor Department: CIVIL

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Analysis and Design of Assembly building

ii. Date of Allotment of the Task:

9/6/20

iii. Date of Completion of the

30/6/20

Task:

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. S- Abdulla, a bonafide student of M-Tech-SE

(Reg.No. 20013E18106) who has been allotted a Research Related Task "Analysis

and Design of Assembly building" "on

9/6/20, has successfully completed the above mentioned task on 30/6/20 to my satisfaction and has

submitted all task completion related records to me.

Date: 30/6/20

R. Devis
HOD

S. Vennica
Signature of the Faculty Advisor



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : S- Abdulla
- Register No. : 20013E18106
- Programme & Branch : M.Tech & Structural Engineering Batch: 20-23 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : S-VENNILA
- Designation: Assistant professor Department: CIVIL

III. Details of the Task Undertaken:

i. Details of the Task:

Analysis and Design of Assembly building

ii. Date of Allotment of the Task:

9/6/20

iii. Date of Completion of the

30/6/20

Task:

IV. Declaration of the Student

I, S- Abdulla, a student of M.Tech-SE Programme (Reg.No. 20013E18106) hereby declare that I have completed the Research Related Task" Analysis and Design of Assembly building "

upto the satisfaction of my Advisor and have submitted all related records to him on 30/6/20. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 30/6/20

S. Vennila
Faculty Advisor
R. Deep
HOD

S. Abdulla
Signature of the Student



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : SAPANJANA
 - Register No. : 2001CH20106
 - Programme & Branch : BSC Batch: CHEMISTRY Semester:II
-

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr.D.CHINNARAJA
 - Designation: ASSISTANT PROFESSOR Department: CHEMISTRY
-

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

Balloon breast brachytherapy is a catheterbased technique to deliver high local concentration of radiation following breast-sparing surgery. Although this technique is logically appealing—providing more directed radiation to sites at high risk of local failure—there remains little empirical support that this intervention is non-inferior to external beam radiotherapy, a well-established standard. Additionally, observational studies suggest that balloon brachytherapy is associated with high rates of local complications, and higher rates of subsequent mastectomy, a marker of local failure. Here, I explore regulatory and clinical considerations that lead to the widespread adoption of breast brachytherapy. I argue that the therapy spread before its efficacy was confirmed. Breast brachytherapy illustrates ongoing complexities in the approval of novel devices.

ii. Date of Allotment of the Task:

02.11.2022

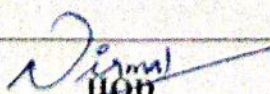
iii. Due Date Proposed for Completion of Task:

16.11.2022


Signature of the Student:


Signature of the Faculty Advisor

Date: 18.11.2022


Head of the Department
Department of Chemistry
PRIST Deemed to be University
Vallam, Tiranjavur - 613403



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : SAPANJANA
- Register No. : 2001CH20106 Programme & Branch : BSC
Batch: CHEMISTRY Semester:II

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. D.CHINNARAJA M.Sc., MPhil. B.Ed., Ph.D.,
- Designation: ASSISTANT PROFESSOR Department: CHEMISTRY

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Breast irradiation a balloon device

ii. Date of Allotment of the Task:

04.11.2022

iii. Date of Completion of the Task:


16.11.2022

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. SAPANJANA a bonafide student of II BSC CHEMISTRY (Reg.No. 2001CH20106) who has been allotted a Research Related Task "Breast irradiation a balloon device" on , has successfully completed the above mentioned task on 18.11.2022 to my satisfaction and has submitted all task completion related records to me.

Date: 18.11.22


Signature of the Faculty Advisor


Head of the Department
Department of Chemistry
PRIST Deemed to be University
Vallam, Thanjavur - 613403



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : SAPANJANA
- Register No. : 2001CH20106 Programme & Branch : BSC
Batch: CHEMISTRY Semester:II

II. Faculty Advisor Details

- Name of the Faculty Advisor : DR.D.CHINNARAJA
- Designation: ASSISTANT PROFESSOR Department: CHEMISTRY

III. Details of the Task Undertaken:

i. Details of the Task:

Breast irradiation a balloon device

ii. Date of Allotment of the Task:

23.09.2022

iii. Date of Completion of the Task:

04.11.2022

IV. Declaration of the Student

I, SAPANJANA a student of II BSC CHEMISTRY Programme (Reg.No. 2001CH20106) hereby declare that I have completed the Research Related Task "**Breast irradiation a balloon device**" upto the satisfaction of my Advisor and have submitted all related records to him on 04.11.2022. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 04.11.22

Signature of the Student

Faculty Advisor

Head of the Department
Department of Chemistry
PRIST Deemed to be University
Vallam, Thanjavur - 613403

**“N-substitution of 9 β -hydroxy-5-(3-hydroxyphenyl)morphan: Synthesis
and computer simulation study”**

PARTICIPATION IN BOUNDED RESEARCH

In

Chemistry

Submitted By

SAPAN JANA

(RegNo.2001CH20106)

Under the Guidance of

Dr. J.S. NIRMAL RAM M.Sc., Ph.D.,



ASSOCIATE PROFESSOR

DEPARTMENT OF CHEMISTRY

School of Arts and Science

**PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE &
TECHNOLOGY [PRIST], THANJAVUR, TAMIL NADU**

MAY-2021



PRIST
DEEMED TO BE
UNIVERSITY
NAAC ACCREDITED
THANJAVUR- 613 403 - TAMIL NADU

DECLARATION

I declare that the work entitled “N-substitution of 9 β -hydroxy-5-(3-hydroxyphenyl)morphan: Synthesis and computer simulation study” submitted by me to the PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY [PRIST], Thanjavur-613 403 for research work carried out by under the supervisor of Dr. J.S. NIRMAL RAM M.Sc., Ph.D., Associate Professor, Department of Chemistry, Ponnaiyah Ramajayam Institute of Science and Technology, Thanjavur. The contents of this, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma, membership, fellowship, associate ship etc., In keeping with the general practice in reporting scientific observation, due acknowledgment has been made whenever the work described is based on the findings of other investigators.

Place: Thanjavur

Sapan Jana
Signature of the Candidate

Date: 26.05.21



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UNIVERSITY
NAAC ACCREDITED
THANJAVUR- 613 403 - TAMIL NADU

Dr. J.S. NIRMAL RAM M.Sc., Ph.D.,
Associate Professor of Department of chemistry,
Ponnaiyah Ramajayam Institute of Science & Technology [PRIST],
Vallam, Thanjavur-613 403.

Bonafide Certificate

This is to certify that the thesis entitled “N-substitution of 9 β -hydroxy-5-(3-hydroxyphenyl)morphan: Synthesis and computer simulation study”, submitted by **SAPAN JANA** to the **PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY [PRIST]**, Thanjavur – 613 403. For research work carried out by him under my supervisor. The contents of this, in full or in parts, have not been submitted to any other Institute or University for the award of any degree, diploma, associate ship, fellowship or any similar title and that it represents entirely an independent work on the part of the candidate.

Place: Thanjavur

Date: 19.05.21

D. J. S. Nirmal
Head of Department
Department of Chemistry
PRIST Deemed to be University
Vallam, Thanjavur - 613403



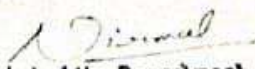
PRIST
DEEMED TO BE
UNIVERSITY
NAAC ACCREDITED
THANJAVUR - 613403 - TAMILNADU

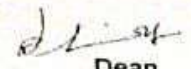
1.3.3 Participation In Scaffold Research

DEPARTMENT OF CHEMISTRY

2021-2022; II-M.Sc Chemistry

| S.No | Students Name | Reg. No | Participation In Scaffold Research |
|------|--------------------|-------------|-------------------------------------------------------------------------------------------------|
| 1 | K.VIGNESH | 2001CH20101 | Electro Chemical Studies of reactive dyes on classical carbon electrode with Poly Aniline. |
| 2 | M.MOHAMED ABDULLAH | 2001CH20102 | Electro Chemical Studies of reactive dyes on classical carbon electrode with Poly Phenyl Amine. |
| 3 | S.VIGNESH | 2001CH20103 | Reactive Dyes on Glassy Carbon Electrode with Polyaniline |
| 4 | SAMUEL P | 2001CH20104 | Electro Chemical Studies of reactive dyes on classical carbon electrode with Poly Phenyl Amine. |
| 5 | PRASANTH A | 2001CH20105 | Fabrication of Poly perrole-Silver Modified electrode for Chemical Cell. |
| 6 | SAPAN JANA | 2001CH20106 | Reactive dyes on classical carbon electrode with Poly Aniline. |
| 7 | C.MOHAN | 2001CH20107 | "Breast Irradiation Using a Balloon Device". |
| 8 | D. MOWLEESWAR I | 2001CH20108 | Reactive dyes on classical carbon electrode with Poly Phenyl Amine. |
| 9 | M. NANDHINI | 2001CH20109 | Fabrication of Poly perrole-Silver Modified electrode for Chemical Cell. |
| 10 | S. PRAMILA | 2001CH20110 | Electro Chemical Studies of reactive dyes on classical carbon electrode with Poly Phenyl Amine. |
| 11 | R. PREETHA | 2001CH20111 | Fabrication of Poly perrole-Silver Modified electrode for Chemical Cell. |
| 12 | K. RAGUL | 2001CH20112 | Electro Chemical Studies of reactive dyes on classical carbon electrode with Poly Aniline. |
| 13 | P. RAJESH KUMAR | 2001CH20113 | Fabrication of Poly perrole-Silver Modified electrode for Chemical Cell. |
| 14 | R. RANJITH KUMAR | 2001CH20114 | Electro Chemical Studies of reactive dyes on classical carbon electrode with Poly Phenyl Amine. |
| 15 | P. SOWMIYA | 2001CH20115 | Fabrication of Poly perrole-Silver Modified electrode for Chemical Cell. |
| 16 | S. SRIDEVI | 2001CH20116 | Electro Chemical Studies of reactive dyes on classical carbon electrode with Poly Aniline. |


Head of the Department
Department of Chemistry
PRIST Deemed to be University
Vellam, Thanjavur - 613403


Dean
School of Arts & Science
Ponnalyah Ramajayam Institute of
Science & Technology (PRIST)
Deemed to be University
Vallam, Thanjavur - 613 403.

“Breast Irradiation Using a Balloon Device”

PARTICIPATION IN SCAFFOLD RESEARCH

In

Chemistry

Submitted By

C.MOHAN

(RegNo.2001CH20207)

Under the Guidance of

Dr. D. CHINNARAJA M.Sc., MPhil. B.Ed., Ph.D.,



ASSISTANT PROFESSOR

DEPARTMENT OF CHEMISTRY

School of Arts and Science

**PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE &
TECHNOLOGY [PRIST], THANJAVUR, TAMIL NADU**

NOV-2021



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THANJAVUR- 613 403 - TAMIL NADU

DECLARATION

I declare that the work entitled "Breast Irradiation Using a Balloon Device" submitted by me to the PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY [PRIST], Thanjavur-613 403 for research work carried out by under the supervisor of Dr. D. CHINNARAJA M.Sc., MPhil., BE.d.,Ph.D Assistant Professor, Department of Chemistry, Ponnaiyah Ramajayam Institute of Science and Technology, Thanjavur. The contents of this, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma, membership, fellowship, associate ship etc., In keeping with the general practice in reporting scientific observation, due acknowledgment has been made whenever the work described is based on the findings of other investigators.

Place: Thanjavur

C. Mohan

Signature of the Candidate

Date:



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Dr. D.CHINNARAJA M.Sc., B.Ed., MPhil.,Ph.D.,
Assistant Professor of Department of chemistry,
Ponnaiyah Ramajayam Institute of Science & Technology [PRIST],
Vallam, Thanjavur-613 403.

Bonafide Certificate

This is to certify that the thesis entitled "Breast Irradiation Using a Balloon Device", submitted by C. MOHAN to the PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY [PRIST], Thanjavur – 613 403. For research work carried out by him under my supervisor. The contents of this, in full or in parts, have not been submitted to any other Institute or University for the award of any degree, diploma, associate ship, fellowship or any similar title and that it represents entirely an independent work on the part of the candidate.

Place: Thanjavur


Research Guide

Date: 29. 11. 21



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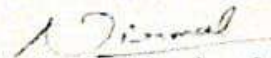
SCHOOL OF ARTS OF SCIENCE

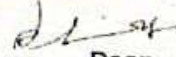
DEPARTMENT OF CHEMISTRY

1.3.3 Number of students undertaking field project or research projects or internships

Project and Research Projects name list academic year 2021-2022

| S.No | Students Name | Reg. No | Title of the Project |
|------|---------------|-------------|-----------------------------------------------------------------------------------------|
| 1 | S.VIGNESH | 2001CH20103 | Electrochemical Studies of Reactive Dyes on Glassy Carbon Electrode with Polyaniline |
| 2 | R.VENKATRAMAN | 1901CH1002 | CHEMICAL AND BIOLOGICAL EFFECTS OF CURCUMIN AND PIPERINE IN OUR DAY TO DAY LIFE |


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Department of Chemistry
PRIST Deemed to be University
Vallam, Thanjavur - 613403


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Vallam, Thanjavur - 613 403.

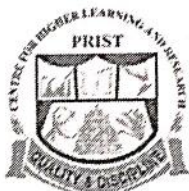
Electrochemical Studies of Reactive Dyes on Glassy Carbon Electrode with Polyaniline

A Dissertation submitted in partial fulfillment of the requirements for the
award of the Degree of

Master of Chemistry

by

**S.VIGNESH
2001CH20103**



DEPARTMENT OF CHEMISTRY

**PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY
[PRIST]
THANJAVUR – 613 403-TAMIL NADU**

JUNE-2022

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ACKNOWLEDGEMENTS

I express my sincere thanks to Chancellor, Vice Chancellor, Registrar, PRIST Deemed to be University-Vallam Thanjavur for making necessary facilities to carry out this work.

I express with my immense gratitude, I thank my project guide **Dr.R.Manikandan M.Sc.,M.Phill.,Ph.D**, Assistant professor, Department of chemistry, Prist university, Vallam, Thanjavur for his valuable guidance throughout the project work.

I am extremely happy to record my sincere thanks to **respected faculty members** of the Department of Chemistry for their valuable suggestions.

I am extremely happy to record my heartfelt thanks to **my parent and friends** who helped me in various possible ways during the course of my project work.

Above all I would like to place my sincere gratitude to **God Almighty** for His abundant blessings showered on me to carry out the study successfully.

.....



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Declaration

I am S.Vignesh hereby declare that the work presented in the Dissertation “Electrochemical Studies of Reactive Dyes on Glassy Carbon Electrode with Polyaniline”, submitted to the PRIST UNIVERSITY, Thanjavur-613 403 for the award of the degree of Master of Philosophy by Research is a original record of research work carried out by me under the supervision of “Dr.R.Manikandan M.Sc.,M.Phill.,Ph.D.,, Assistant professor, Department of chemistry”. The contents of this dissertation, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma, membership, fellowship, associate ship etc.. In keeping with the general practice in reporting scientific observation, due acknowledgement has been made whenever the work described is based on the findings of other investigators.

Place PRIST
Date: 13.06.2022

S.Vignesh
Signature of the Research Scholar

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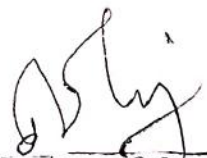
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Dr.R.Manikandan M.Sc.,M.Phil.,Ph.D,
Assistant professor
Department of Chemistry

Bona-fide Certificate

This is to certify that the Dissertation titled “ **Electrochemical Studies of Reactive Dyes on Glassy Carbon Electrode with Polyaniline**”, submitted by “**S.VIGNESH**” to the PRIST UNIVERSITY, Thanjavur – 613 403 for the award of the degree of Master of Philosophy by Research is a bona-fide record of research work carried out by him/her under my supervision. The contents of this Dissertation, in full or in parts, have not been submitted to any other Institute or University for the award of any degree, diploma, associate ship, fellowship or any similar title and that it represents entirely an independent work on the part of the candidate.

Thanjavur-613 403
Date: 18.06.2022


Signature of the Guide
Head of the Department
Department of Chemistry
PRIST Deemed to be University
Vallam, Thanjavur - 613403

Seal

SYNTHESIS CHARACTERIZATION, ANTIMICROBIAL STUDIES OF SOME CHALCONE DERIVATIVES

A Dissertation submitted in partial fulfillment of the requirements for the
award of the Degree of

**Master of Philosophy
in
Chemistry**

by

**GANDHIJI R
(Reg. No.1904CH3002)**



DEPARTMENT OF CHEMISTRY

**PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY
[PRIST]
THANJAVUR – 613403 – TAMIL NADU**

April, 2022

ACKNOWLEDGEMENTS

I wish to praise and thank The Almighty for enabling me to undertake this study and complete the Thesis successfully.

I wish to express my deep sense of gratitude to Chancellor M.P.NAGESHWARAN, PRIST Deemed to be University, Thanjavur for the valuable help extended to me for carrying out the study successfully.

I am grateful to my heartfelt thanks to Vice Chancellor Dr.T.V. CHRISTY, PRIST Deemed to be University, Thanjavur for his valuable help at each and every step of my research work.

I express my thanks to the Head of the Department Dr. J.S. NIRMAL RAM, Department of Chemistry, PRIST Deemed to be University, Thanjavur for his valuable help in molecular modeling studies.

I express my deep sense of gratitude to Dr. D. CHINNARAJA, Assistant professor, Department of Chemistry, PRIST Deemed to be University, Thanjavur for her valuable guidance, encouragement and enlightening discussion throughout the course of this research work.

I thank all the Teaching and Non-Teaching staff members, Department of Chemistry, PRIST Deemed to be University, Thanjavur for their timely help during the period of my study.

I express my sincere thanks to my wife Mrs. G. KRISHNAVENI, my son KASIMARAN who sacrificed many happiest moments for my successful completion of this study.

Still, I need to thank my Family Members, Colleagues and Friends for their valuable help rendered during this course of study.

Place : Thanjavur

Date : 29/01/2022



R . GANDHIJI



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THANJAVUR – 613 403 - TAMILNADU

Declaration

I, GANDHIJI R, hereby declare that the work presented in the Dissertation “SYNTHESIS CHARACTERIZATION, ANTIMICROBIAL STUDIES OF SOME CHALCONE DERIVATIVES”, submitted to the PRIST Deemed to be University, Thanjavur-613 403 for the award of the degree of Master of Philosophy by Research is an original record of research work carried out by me under the supervision of “Dr. D. CHINNARAJA, Assistant Professor, Department of Chemistry, PRIST Deemed to be University, Thanjavur-613 403”. The contents of this dissertation, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma, membership, fellowship, associateship etc.. In keeping with the general practice in reporting scientific observation, due acknowledgement has been made whenever the work described is based on the findings of other investigators.

Place Thanjavur
Date: 29/04/2022


Signature of the Research Scholar



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Dr. D. CHINNARAJA
Assistant Professor,
Department of Chemistry,
PRIST Deemed to be University,
Thanjavur-613403

Bona-fide Certificate

This is to certify that the Dissertation titled “SYNTHESIS CHARACTERIZATION, ANTIMICROBIAL STUDIES OF SOME CHALCONE DERIVATIVES”, submitted by “GANDHIJI R” to the PRIST Deemed to be University, Thanjavur – 613 403 for the award of the degree of Master of Philosophy by Research is a bonafide record of research work carried out by him/her under my supervision. The contents of this Dissertation, in full or in parts, have not been submitted to any other Institute or University for the award of any degree, diploma, associate ship, fellowship or any similar title and that it represents entirely an independent work on the part of the candidate.

Place: Thanjavur-613 403

Date: 29.04.2022


Signature of the Guide



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DEPARTMENT OF MICROBIOLOGY

2021-2022

1.3.3 Research projects

[Signature]
Head of the Department
Department of Microbiology
School of Arts & Science
Prist Deemed to be University, Thanjavur

[Signature]
Dean of Arts & Science
PRIST Deemed to be University
Thanjavur - 613 403, Tamilnadu.



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DEPARTMENT OF MICROBIOLOGY**


**1.3.3 Number of students undertaking field projects / research projects / internships during the year
M.Sc., Research project
2021-2022**

| S. No | Programme Name | Register Number | Student Name | Research Project | Title of the project |
|-------|--------------------|-----------------|-------------------|------------------|------------------------------------------------------------------------------------------------------------------------|
| 1. | M. Sc Microbiology | 2001MB20201 | S. Supraja | Research Project | Bacterial resistance in chemotherapy. |
| 2. | M. Sc Microbiology | 2001MB20202 | D. Shantha Kumari | Research Project | The mechanism of genetic recombination in Escherichia coli. |
| 3. | M. Sc Microbiology | 2001MB20204 | T. Krishnaveni | Research Project | In vitro experiments of development of the streptomycin resistance in different strains of Mycobacterium tuberculosis. |
| 4. | M. Sc Microbiology | 2001MB20101 | Vignesh.G | Research Project | Isolation and identification kanamycin degrading fungi |
| 5. | M. Sc Microbiology | 2001MB20102 | Vinoth.R | Research Project | Antioxidative activity of acetone and ethanol extract form spirulina platensis |
| 6. | M. Sc Microbiology | 2001MB20103 | Naveenkumar.S | Research Project | Nephroprotective effects of Rosmarinic acid in vancomycin induces wistar rats |
| 7. | M. Sc Microbiology | 2001MB20104 | Dineshkumar.K | Research Project | Biodiversity and screening of bioenzymes from marine streptomycetes species |

[Signature]
Head of the Microbiology
 Department of Arts & Science
 School of Arts, Thanjavur.
 Prist Deemed to be University, Thanjavur.

[Signature]
 Prist Deemed to be University
 Thanjavur - 613-403, Tamil Nadu

| | | | | | |
|-----|--------------------|-------------|-------------------|------------------|------------------------------------------------------------------------------------------------------------------|
| 8. | M. Sc Microbiology | 2001MB20105 | Senthamilselven.B | Research Project | Isolation and identification of xylanase producing microorganism |
| 9. | M. Sc Microbiology | 2001MB20106 | Veeramani.T | Research Project | Algal species cultivation in sewage sample |
| 10. | M. Sc Microbiology | 2001MB20107 | Hariharan.S | Research Project | Isolation and identification of marine yeast |
| 11. | M. Sc Microbiology | 2001MB20108 | Kumar.S | Research Project | Isolation and identification keratin degrading fungi |
| 12. | M. Sc Microbiology | 2001MB20109 | Velu.D | Research Project | Glucose oxidase production from marine aspergillus niger |
| 13. | M. Sc Microbiology | 2001MB20110 | Maran.K | Research Project | Replica plating and indirect selection of bacterial mutants. |
| 14. | M. Sc Microbiology | 2001MB20111 | Vetri.K | Research Project | The occurrence of independent mutations to different types of streptomycin resistance in <i>Bacterium coli</i> . |
| 15. | M. Sc Microbiology | 2001MB20112 | Arul.S | Research Project | The role of epigenetics in cancer development and treatment |
| 16. | M. Sc Microbiology | 2001MB20113 | Samu vel.S | Research Project | The effects of air pollution on respiratory and cardiovascular health |
| 17. | M. Sc Microbiology | 2001MB20114 | Stalin.S | Research Project | The relationship between sleep and memory consolidation. |


 Head of the Department
 Department of Microbiology
 School of Arts & Science
 Prist Deemed to be University, Thanjavur.


 Dean of Arts & Science
 Prist Deemed to be University
 Thanjavur - 613 003, Tamil Nadu.

To determine Sesquiterpene derivatives potential through
MTT assay followed Cancer cell proliferation, Migration,
Apoptosis and cell death in liver cancer cell lines

A Dissertation submitted in partial fulfillment of the requirements for the
award of the Degree

Master of Science
in
Microbiology (INT)

by

T. Krishnaveni

(Reg no. 2001MB20204)



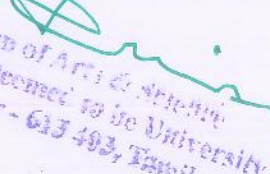
UNDER THE GUIDANCE OF

Dr. S. S. Sathiskumar, M.Sc., M. Phil., Ph.D.,
Assistant Professor

DEPARTMENT OF MICROBIOLOGY
PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY
THANJAVUR- 613 403- TAMIL NADU


Head of the Department
Department of Microbiology
School of Arts & Science
Prist Deemed to be University, Thanjavur.

May-2022


Dean of Arts & Science
PRIST Deemed to be University
Thanjavur - 613 403, Tamilnadu.



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CERTIFICATE

This is to certify that **T. Krishnaveni**, Reg no: **2001MB20204**, students of M.Sc Microbiology, PRIST University, Thanjavur has carried out project work in Centre for Research and development, PRIST University, Thanjavur. The research entitled **“To determine sesquiterpene derivatives potential through MTT assay flow cancer cell proliferation, migration , apoptosis and cell death in liver cancer cell lines”**. This project work has not formed part of any previous research work carried out elsewhere. She carried out the Research commendable and completed successfully.

Dr.S.Sathish Kumar
Research Supervisor

Head of the Department
Department of Microbiology
School of Arts & Science
Prist Deemed to be University, Thanjavur.

Head of Arts & Science
PRIST Deemed to be University
Thanjavur - 613 403 - Tamil Nadu



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DEPARTMENT OF MICROBIOLOGY

**1.3.3 Participation in bounded Research
project**

2021-2022

A handwritten signature in green ink, appearing to read 'S. S. S.'.

Head of the Department
Department of Microbiology
School of Arts & Science
Prist Deemed to be University, Thanjavur.

A handwritten signature in green ink, appearing to read 'S. S. S.'.

Head of Arts & Science
PRIST Deemed to be University
Thanjavur - 613 403, Tamilnadu.



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1.3.3 Number of students undertaking field projects / research projects / internships during the year
M.Sc., Participation in bounded Research project
2021-2022


| S.No | Programme Name | Student Name | Register Number | Field projects / Research projects / Internships | Title of the project |
|------|---------------------|-----------------|-----------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 1. | M.Sc., Microbiology | R. KarthickRaja | 2101MB20101 | Participation in bounded Research project | Decolorization of Synthetic Textile Dyes by Lignin Peroxidase of <i>Phanerochaete chrysosporium</i> |
| 2. | M.Sc., Microbiology | R.GUNASEELI | 2105MB20201 | Participation in bounded Research project | Antimicrobial activity and chemical composition of <i>Hyssopus officinalis</i> L |
| 3. | M.Sc., Microbiology | S.VINOTHINI | 2104MB20201 | Participation in bounded Research project | antimicrobial and antioxidative effects of <i>trachyspermum amm</i> |
| 4. | M.Sc., Microbiology | SHAIK CADERS | 2103MB20101 | Participation in bounded Research project | <i>Antioxidant and antihemolytic activities of ethanolic extract of flowers, leaves, and stems of Hyssopus officinalis L</i> |
| 5. | M.Sc., Microbiology | V.KALAI ARASAN | 2103MB20101 | Participation in bounded Research project | Antibacterial activity of protein phenol interaction complex |
| 6. | M.Sc., Microbiology | Gokul.S | 2101MB20106 | Participation in bounded Research project | Studies of interaction of bovine serum albumin with silver nanoparticles |
| 7. | M.Sc., Microbiology | Kabilan.K | 2101MB20107 | Participation in bounded Research project | Characterization of methanol extract of <i>turbinaria</i> macro algae |

Dear of Arts & Science
PRIST Deemed to be University
Thanjavur - 613 403, Tamilnadu.

Head of the Department
Department of Microbiology
School of Arts & Science
Prist Deemed to be University, Thanjavur.

| | | | | | |
|-----|---------------------|-------------|-------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 8. | M.Sc., Microbiology | Raj.M | 2101MB20108 | Participation in bounded Research project | Human endogenous retroviruses: nature, occurrence, and clinical implications in human disease |
| 9. | M.Sc., Microbiology | Keerthana.S | 2101MB20109 | Participation in bounded Research project | Antioxidant activity and phenolic compounds in selected herbs |
| 10. | M.Sc., Microbiology | Pavitha.G | 2101MB20110 | Participation in bounded Research project | Antioxidant activity of solanum Nigarum |
| 11. | M.Sc., Microbiology | Ramya.S | 2101MB20111 | Participation in bounded Research project | Direct measurement of lipase inhibition by orlistat using a dissolution linked in vitro assay |
| 12. | M.Sc., Microbiology | Vanitha.S | 2101MB20112 | Participation in bounded Research project | Antitubercular and phytochemical investigation of methanol extracts of medicinal plants |
| 13. | M.Sc., Microbiology | Atchaya.G | 2101MB20113 | Participation in bounded Research project | Characterization of Aqueous extract of turbnacria macro algae |
| 14. | M.Sc., Microbiology | Bharathi.S | 2101MB20114 | Participation in bounded Research project | DNA hypomethylation and human diseases |
| 15. | M.Sc., Microbiology | nanthini.R | 2101MB20115 | Participation in bounded Research project | Strategy for detection of cancer hazards to man |
| 16. | M.Sc., Microbiology | Ilamathi.M | 2101MB20116 | Participation in bounded Research project | Effect of extraction solvent on total phenol content, total flavonoid content, and antioxidant activity of Linnophila aromatic |
| 17. | M.Sc., Microbiology | Ambika.S | 2101MB20117 | Participation in bounded Research project | Antimicrobial activity and chemical composition of Hyssopus officinalis L |
| 18. | M.Sc., Microbiology | Swathi.D | 2101MB20118 | Participation in bounded Research project | Antioxidant properties of resveratrol |
| 19. | M.Sc., Microbiology | Raji.G | 2101MB20119 | Participation in bounded Research project | Evaluation of antimicrobial properties of Achillea L. flower head extracts |


 Head of the Department
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 Thanjavur - 613 403, Tamilnadu.


 Head of the Department
 Department of Microbiology
 School of Arts & Science
 Prist Deemed to be University, Thanjavur.




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DEPARTMENT OF MICROBIOLOGY**

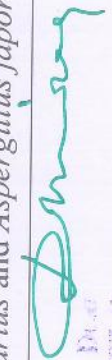
**1.3.3 Number of students undertaking field projects / research projects / internships during the year
B.Sc., Participation in bounded Research project
2021-2022**

| S.No | Programme Name | Student Name | Register Number | Field projects / Research projects / Internships | Title of the project |
|------|---------------------|------------------|-----------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 1. | B.Sc., Microbiology | S.Mohamed Fashid | 2001MB10101 | Participation in bounded Research project | The potential impact of the covid-19 response on tuberculosis in high-burden countries: a modelling analysis |
| 2. | B.Sc., Microbiology | T.Abdul Azeez | 2001MB10102 | Participation in bounded Research project | TB control in India in the COVID era |
| 3. | B.Sc., Microbiology | S.Thiyagarajan | 2001MB10103 | Participation in bounded Research project | COVID-19 vaccine: a recent update in pipeline vaccines, their design and development strategies |
| 4. | B.Sc., Microbiology | A.Rafiudeen | 2001MB10104 | Participation in bounded Research project | Colonization of human skin by bacteria |
| 5. | B.Sc., Microbiology | A.Jeron Jerold | 2001MB10105 | Participation in bounded Research project | Cardiovascular disease and oral bacteria |


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Department of Microbiology
School of Arts & Science
Prist Deemed to be University, Thanjavur.


Dean of Arts & Science
PRIST Deemed to be University
Thanjavur - 613 403, Tamilnadu.

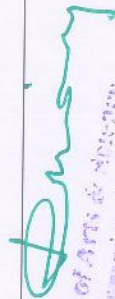
| | | | | | |
|-----|---------------------|----------------------|-------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 6. | B.Sc., Microbiology | K Siva Karthick Raja | 2001MB10106 | Participation in bounded Research project | Aspergillus species isolated from clinical specimens |
| 7. | B.Sc., Microbiology | K.Kaviraj | 2001MB10107 | Participation in bounded Research project | A survey on the pathogenic fungi in soil samples of potted plants from Sari Hospitals |
| 8. | B.Sc., Microbiology | S.Shyamedison | 2001MB10108 | Participation in bounded Research project | Fungal secondary metabolism-from biochemistry to genomics |
| 9. | B.Sc., Microbiology | A Oliver | 2001MB10109 | Participation in bounded Research project | Thermotolerance and virulence of <i>Aspergillus fumigatus</i> : role of the fungal nucleolus |
| 10. | B.Sc., Microbiology | M.Sasikumar | 2001MB10110 | Participation in bounded Research project | Differences in sialic acid density in pathogenic and non-pathogenic <i>Aspergillus</i> species |
| 11. | B.Sc., Microbiology | S.Manikandaraja | 2001MB10111 | Participation in bounded Research project | Coordination of hypoxia adaptation and iron homeostasis in human pathogenic fungi |
| 12. | B.Sc., Microbiology | P.Ezhilnathan | 2001MB10112 | Participation in bounded Research project | Challenges associated with indoor moulds: health effects, immune response, and exposure assessment |
| 13. | B.Sc., Microbiology | M.Thirumurugan | 2001MB10113 | Participation in bounded Research project | Immunomodulation of fungal β -glucan in host defense signaling by dectin-1 |
| 14. | B.Sc., Microbiology | Kishore Kumar. T | 2001MB10114 | Participation in bounded Research project | <i>Revision of the black Aspergillus species</i> |
| 15. | B.Sc., Microbiology | Sanjai. U | 2001MB10115 | Participation in bounded Research project | Vegetative compatibility and genetic diversity in the <i>Aspergillus flavus</i> population of a single field |
| 16. | B.Sc., Microbiology | Saravana Kumar. S | 2001MB10116 | Participation in bounded Research project | PCR assay for identification of <i>Aspergillus carbonarius</i> and <i>Aspergillus japonicus</i> |




Dr.
PRIST DEEMED TO BE UNIVERSITY
Thanjavur - 613 403, Tamilnadu.



Head of the Department
Department of Microbiology
School of Arts & Science
Prist Deemed to be University, Thanjavur.


| | | | | | |
|-----|---------------------|-----------------|-------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 17. | B.Sc., Microbiology | J.Dharanika | 2001MB10201 | Participation in bounded Research project | <i>Aspergillus niger</i> and <i>Aspegillus carbonarius</i> in Corinth raisin and wine-producing vineyards in Greece |
| 18. | B.Sc., Microbiology | G.Monika | 2001MB10202 | Participation in bounded Research project | <i>Two new aflatoxin producing Aspergillus species from Argentinean peanuts.</i> |
| 19. | B.Sc., Microbiology | M.Nivethitha | 2001MB10203 | Participation in bounded Research project | Mycotoxin-producing and other fungi isolated from grapes for wine production |
| 20. | B.Sc., Microbiology | C Johnsina | 2001MB10204 | Participation in bounded Research project | Isolation of ochratoxin-producing aspergilli from green coffee beans of different origin |
| 21. | B.Sc., Microbiology | R Sathiya Priya | 2001MB10205 | Participation in bounded Research project | Mitochondrial DNA restriction fragment length polymorphisms in field isolates of the <i>Aspergillus niger</i> aggregate |
| 22. | B.Sc., Microbiology | M.Gayathri | 2001MB10206 | Participation in bounded Research project | <i>Microalgae as Biofertilizer in Modern Agriculture , in Microalgae Biotechnology for Food, Health and High Value Products</i> |
| 23. | B.Sc., Microbiology | M.Faseeha | 2001MB10207 | Participation in bounded Research project | soil phosphorus bioavailability and plants productivity |
| 24. | B.Sc., Microbiology | J Gowsalya | 2001MB10208 | Participation in bounded Research project | Biofertilizer and biostimulant properties of the microalga <i>Acutodesmus dimorphus</i> |
| 25. | B.Sc., Microbiology | S Kiruthika | 2001MB10209 | Participation in bounded Research project | Algal Biofertilizers and Plant Growth Stimulants for Sustainable Agriculture |
| 26. | B.Sc., Microbiology | R.Ragavi | 2001MB10210 | Participation in bounded Research project | Biofertilizers and their role in management of plant parasitic nematodes |
| 27. | B.Sc., Microbiology | S.Visali | 2001MB10211 | Participation in bounded Research project | Potential of biofertilizers to replace chemical fertilizers |


 Dean of Arts & Science
 PRIST Deemed to be University
 Thanjavur - 613 003, Tamilnadu.


 Head of the Department
 Department of Microbiology
 School of Arts & Science
 Prist Deemed to be University, Thanjavur.

| | | | | | |
|-----|---------------------|--------------|-------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 28. | B.Sc., Microbiology | R.Poongothai | 2001MB10212 | Participation in bounded Research project | Impact of seaweeds on agricultural crop production as biofertilizer |
| 29. | B.Sc., Microbiology | B.Pavitha | 2001MB10213 | Participation in bounded Research project | The Impact of Using Microalgae as Biofertilizer in Maize |
| 30. | B.Sc., Microbiology | A.Lavanya | 2001MB10214 | Participation in bounded Research project | Algae and environmental sustainability |
| 31. | B.Sc., Microbiology | T.Anu | 2001MB10215 | Participation in bounded Research project | Cyanobacteria as a source of biofertilizers for sustainable agriculture |
| 32. | B.Sc., Microbiology | R.Nithiya | 2001MB10216 | Participation in bounded Research project | Role of Algae as a Biofertilizer |
| 33. | B.Sc., Microbiology | D.Karniga | 2001MB10217 | Participation in bounded Research project | Cyanobacterial biodiversity and potential applications in biotechnology |
| 34. | B.Sc., Microbiology | R.Abirami | 2001MB10218 | Participation in bounded Research project | Blue-green algal biofertilizer and growth response of rice plants |
| 35. | B.Sc., Microbiology | R.Swathi | 2001MB10219 | Participation in bounded Research project | The potential applications of cyanobacterial photosynthesis for clean technologies |
| 36. | B.Sc., Microbiology | Manjari. M | 2001MB10220 | Participation in bounded Research project | Algae as production systems of bioactive compounds |
| 37. | B.Sc., Microbiology | Supriya. J | 2001MB10221 | Participation in bounded Research project | Effect of algae extract and Bio-fertilizer on vegetative growth and flowering of Freesia hybrid L. Journal of Kerbala for Agricultural Sciences |
| 38. | B.Sc., Microbiology | Dharshini. Y | 2001MB10222 | Participation in bounded Research project | Ability of Cyanobacteria and Green Algae to Improve Metabolic Activity and Development of Willow Plants . |


Head of the Department
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 Dean of Arts & Science
 Prist Deemed to be University
 Thanjavur - 613 403, Tamilnadu.

| | | | | | |
|-----|---------------------|---------------------|-------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 39. | B.Sc., Microbiology | Thamizh Bharathi. J | 2001MB10223 | Participation in bounded Research project | Response of spinach (<i>Spinacia oleracea</i> L.) to algae extract under different nitrogen rates |
| 40. | B.Sc., Microbiology | R.Gunaseeli | 2001MB10224 | Participation in bounded Research project | he Potentiality of Marine Macro-Algae as Bio-Fertilizers to Improve the Productivity and Salt Stress Tolerance of Canola (<i>Brassica napus</i> L.) Plants |
| 41. | B.Sc., Microbiology | S.Vinothini | 2001MB10225 | Participation in bounded Research project | Impact of some biofertilizers and compost on growth and chemical composition of <i>Jatropha curcas</i> L |
| 42. | B.Sc., Microbiology | Shaik Cadars | 2001MB10226 | Participation in bounded Research project | Exploring the efficacy of wastewater-grown microalgal biomass as a biofertilizer for wheat |
| 43. | B.Sc., Microbiology | V.Kalai Arasan | 2001MB10227 | Participation in bounded Research project | Effect of Blue Green Algae on Plant Growth and Improving Soil Quality |
| 44. | B.Sc., Microbiology | Ramadoss.R | 2001MB10228 | Participation in bounded Research project | Effect of Blue Green Algae on Plant Growth and Improving Soil Quality |
| 45. | B.Sc., Microbiology | Ramachandran.S | 2001MB10229 | Participation in bounded Research project | Application of blue-green algae and mineral fertilizers to direct seeding lowland rice |
| 46. | B.Sc., Microbiology | Ashockumar.M | 2001MB10230 | Participation in bounded Research project | Cyanobacteria as a source of biofertilizers for sustainable agriculture , in Advances in Cyanobacterial Biology |
| 47. | B.Sc., Microbiology | Baskar.A | 2001MB10231 | Participation in bounded Research project | Life cycle assessment of high rate algal ponds for wastewater treatment and resource recovery |
| 48. | B.Sc., Microbiology | Fernandes.G | 2001MB10232 | Participation in bounded Research project | Reproduction of yeast using sugar substitutes |

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Head of the Department
Department of Microbiology
School of Arts & Science
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Shirish
Dean of Arts & Science
Prist Deemed to be University
Thanjavur - 613 003, Tamilnadu

| | | | | | |
|-----|---------------------|---------------|-------------|-------------------------------------------|--------------------------------------------------------------|
| 49. | B.Sc., Microbiology | David Kumar.B | 2001MB10233 | Participation in bounded Research project | Staphylococcus aureus isolated from pasteurized or raw milk. |
| 50. | B.Sc., Microbiology | Ravi.K | 2001MB10234 | Participation in bounded Research project | Microorganism isolation and characterization |



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 Department of Microbiology
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 Prist Deemed to be University, Thanjavur



Dean of Arts & Science
 PRIST Deemed to be University
 Thanjavur- 613 403, Tamilnadu.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : S. Mohamed fashid
- Register No. : 2001MB10101
- Programme & Branch : B.Sc Microbiology Batch: 2021 Semester: IV

II. Faculty Advisor Details

- Name of the Faculty Advisor : T. Ushadevi
- Designation: Assistant Professor Department: Microbiology

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

The potential impact of the covid-19 response on tuberculosis in high-burden countries: a modelling analysis

ii. Date of Allotment of the Task:

24.6.2021

iii. Due Date Proposed for Completion of Task:

24.8.2021

S. Mohamed fashid
Signature of the Student:

T. Ushadevi
Signature of the Faculty Advisor

Date: 24.8.2021

Head of the Department
Department of Microbiology
HOD
School of Arts & Science
PRIST Deemed to be University, Thanjavur.

Dean of Arts & Science
PRIST Deemed to be University
Thanjavur - 613 403, Tamilnadu



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : *S. Mohamed fashid*
- Register No. : *2001MB10101*
- Programme & Branch : *B.sc Microbiology* Batch: *2021* Semester: *V*

II. Faculty Advisor Details

- Name of the Faculty Advisor : *T. Ushadani*
- Designation: *Assistant Professor* Department: *Microbiology*

III. Details of the Task Undertaken:

i. Details of the Task:

The potential impact of the covid-19 response on tuberculosis in high-burden countries: a modelling analysis

ii. Date of Allotment of the Task:

4.6.2021

iii. Date of Completion of the Task:

24.8.2021

IV. Declaration of the Student

I, *S. Mohamedfashida* student of *B.sc, Micro* Programme (Reg.No. *2001MB10101*), hereby declare that I have completed the Research Related Task " *The potential impact of the covid-19 response on tuberculosis in high-burden countries: a modelling analysis* " upto the satisfaction of my Advisor and have submitted all related records to him on *4.6.2021* .Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: *24.8.2021*

[Signature]
 Head of the Department
 Department of Microbiology
 Arts & Science

[Signature]
 Faculty Advisor

S. Mohamedfashid
 Signature of the Student

[Signature]
 Dean of Arts & Science
 PRIST Deemed to be University
 Thanjavur - 613 493, Tamilnad.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : S. Mohamed fashid
- Register No. : 2001MB10101
- Programme & Branch : B.Sc Microbiology Batch: 2021 Semester: IV

II. Faculty Advisor Details

- Name of the Faculty Advisor : T. Ushadani
- Designation: Assistant professor. Department: microbiology

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

The potential impact of the covid-19 response on tuberculosis in high-burden countries; a modelling analysis

ii. Date of Allotment of the Task:

4.6.2021

iii. Date of Completion of the

24.8.2021

Task:

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. S. Mohamed fashid a bonafide student of B.Sc, Microbiology

(Reg.No. 2001MB10101) who has been allotted a Research Related Task " The potential

impact of the covid-19 response on tuberculosis in high burden countries "on

4.6.2021 has successfully completed the above mentioned task on 24.8.2021 to my satisfaction and has

submitted all task completion related records to me.

Date: 24.8.2021

[Signature]
Head of the Department
Department of Microbiology
School of Arts & Science
Prist Deemed to be University, Thanjavur.

[Signature]
Signature of the Faculty Advisor

[Signature]
Dean of Arts & Science
PRIST Deemed to be University
Thanjavur - 613 403, Tamil Nadu



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : S. Vinodhini
- Register No. : 2104MB20201
- Programme & Branch : M.Sc Microbiology Batch: 2021 Semester: III

II. Faculty Advisor Details

- Name of the Faculty Advisor : R. Sathya
- Designation: Assistant Professor Department: Microbiology

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

Antimicrobial and antioxidative effects of *trachyspermum ammi*.

ii. Date of Allotment of the Task:

2.6.2021

iii. Due Date Proposed for Completion of Task:

22.8.2021

S. Vinodhini
Signature of the Student:

R. Sathya
Signature of the Faculty Advisor

Date: 22.8.2021

Head of the Department
Department of Microbiology
School of Arts & Science
Prist Deemed to be University, Thanjavur

Dean of Arts & Science
PRIST Deemed to be University
Thanjavur - 617 103, Tamilnadu



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : S. Vinothini
- Register No. : 2104MB20201
- Programme & Branch : M.Sc Microbiology Batch: 2021 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : R. Sathya
- Designation: Assistant professor Department: Microbiology

III. Details of the Task Undertaken:

i. Details of the Task:

Antimicrobial and antioxidative effects of trachyspermum amm

ii. Date of Allotment of the Task:

2-6-2021

iii. Date of Completion of the Task:

22-8-2021

IV. Declaration of the Student

I, S. Vinothini, a student of M.Sc Micro Programme (Reg.No. 2104MB20201), hereby declare that I have completed the Research Related Task "Antimicrobial and antioxidative effects trachyspermum amm"

upto the satisfaction of my Advisor and have submitted all related records to him on 2.6.2021. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 22.8.2021

R. Sathya
Faculty Advisor

S. Vinothini
Signature of the Student

[Signature]
Head of the Department
Department of Microbiology
School of Arts & Science
Prist Deemed to be University, Thanjavur

[Signature]
Dean of Arts & Science
PRIST Deemed to be University
Thanjavur



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : S. Vinothini
- Register No. : 2104MB20201
- Programme & Branch : M.Sc, Microbiology Batch: 2021 Semester: III

II. Faculty Advisor Details

- Name of the Faculty Advisor : R. Sathya
- Designation: Assistant Professor. Department: Microbiology

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Antimicrobial and antioxidative effects of trachyspermum amm

ii. Date of Allotment of the Task:

2.6.2021

iii. Date of Completion of the

22.8.2021

Task:

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. S. Vinothini, a bonafide student of M.Sc Micro 2104MB20201

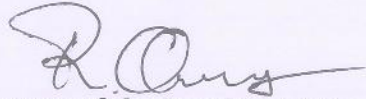
(Reg.No. 2104MB20201) who has been allotted a Research Related Task “ Antimicrobial

and antioxidative effects of trachyspermum amm” on

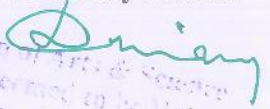
2.6.2021, has successfully completed the above mentioned task on 22.8.2021 to my satisfaction and has

submitted all task completion related records to me.

Date: 22.8.2021


Signature of the Faculty Advisor


Head of the Department
Department of Microbiology
School of Arts & Science
Ponnaiyah Ramajayam Institute of Science and Technology, Thanjavur.


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Thanjavur - 613 403, Tamilnadu.



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DEPARTMENT OF BIOTECHNOLOGY

1.3.3. RESEARCH PROJECT

ACADEMIC YEAR (2021-2022)

HOD

Head of the Department
Department of Biotechnology
School of Arts & Science
Prist Deemed to be University, Thanjavur

DEAN

Dean of Arts & Science
PRIST Deemed to be University
Thanjavur - 613-403, Tamilnadu.


DEPARTMENT OF BIOTECHNOLOGY

ACADEMIC YEAR 2021-2022

1.3.3. RESEARCH PROJECT

| S.NO. | PROGRAM NAME | REG.NO. | NAME | INTERNSHIP /FIELD PROJECT/ RESEARCH PROJECT | PROJECT TITLE |
|-------|---------------------|-------------|------------|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | M. Sc Biotechnology | 2001BT20201 | YOGITHA.R | Research Project | BIOINSPIRED SYNTHESIS OF <i>PHYLLANTHUS ACIDUS</i> LEAF EXTRACT FUNCTIONALIZED SILVER-NANOPARTICLES AND ITS ANTIMICROBIAL EVALUATION |
| 2. | M. Sc Biotechnology | 2001BT20202 | JENIFER.R | Research Project | MOLECULAR MECHANISM INVOLVED IN HYPOBARICHYPOBARIC HYPOA INDUCED FEAR IMPAIRMENT |
| 3. | M. Sc Biotechnology | 2001BT20203 | VINCY.B | Research Project | ANALYSIS OF MEDICINAL HERBS AND HERBAL PRODUCTS |
| 4. | M. Sc Biotechnology | 2001BT20204 | KAVIYA.G | Research Project | PRODUCTION OF AMYLASE BY YEAST <i>SACCHAROMYCES CEREVISIA</i> AND ENZYMATIC ASSAY UNDER OPTIMUM CONDITIONS |
| 5. | M. Sc Biotechnology | 2001BT20205 | PRIYA.S | Research Project | ISOLATION, IDENTIFICATION AND ANTIBIOTIC SUSCEPTIBILITY OF <i>PROTEUS MIRABILIS</i> FROM URINE SAMPLE |
| 6. | M. Sc Biotechnology | 2001BT20206 | MONIKA.J | Research Project | ISOLATION AND CHARACTERIZATION OF LACCASE PRODUCTION BACTERIA USING BIOLOGICAL ACTIVITY. |
| 7. | M. Sc Biotechnology | 2001BT20207 | LOGITHA.E | Research Project | IDENTIFICATION OF PHYTOPLASMA INFECTION IN CAULIFLOWER |
| 8. | M. Sc Biotechnology | 2001BT20208 | RAJ.L.R | Research Project | PHYTOCHEMICAL AND PHYSIOCHEMICAL ANALYSIS OF <i>WITHENIA SOMUIFERA</i> (ASHWAGANDHA) |
| 9. | M. Sc Biotechnology | 2001BT20209 | BIRUNTHA.D | Research Project | SYNTHESIS AND CHARACTERIZATION OF SILVER NANOPARTICLES USING <i>PLECTRANTHUS AMBOINICUS</i> LEAF EXTRACT |
| 10. | M. Sc Biotechnology | 2001BT20210 | REKHA.H | Research Project | ISOLATION AND CHARACTERIZATION OF FUNGUS FROM INFECTED PART OF PEA (<i>PISUM SATIVUM</i>) PRODUCTION OF PROTEASE AND EFFECT OF FUNGICIDES AND ANTI-FUNGAL |
| 11. | M. Sc Biotechnology | 2001BT20211 | KALPANA.U | Research Project | PRODUCTION AND CHARACTERIZATION OF AMYLASE PRODUCED BY <i>BACILLUS MEGATERIUM</i> |
| 12. | M. Sc Biotechnology | 2001BT20101 | KUMAR.T | Research Project | BIOETHANOL PRODUCTION FROM LIGNOCELLULOSIC& HOUSEHOLD WASTE |
| 13. | M. Sc Biotechnology | 2001BT20102 | HEMANATH.R | Research Project | PHYSICAL CHEMICAL AND BIOLOGICAL ANALYSIS OF DRINKING WATER IN DELTA REGION |

| | | | | | |
|-----|-----------------------|-------------|---------------|------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 14. | M. Sc Biotechnology | 2001BT20103 | KARTHIKA | Research Project | IDENTIFICATION OF PHYTOPLASMA INFECTION IN SUGARCANE |
| 15. | M. Sc Biotechnology | 2001BT20104 | VEERA.D | Research Project | BIO SYNTHESIS OF COPPER OXIDE NANOPARTICLES USING LEAF ROYALPOINCIANA |
| 16. | M. Sc Biotechnology | 2001BT20105 | KARTHIKEYAN.T | Research Project | BIO SORPTION OF TEXTILE DYE THROUGH COMPOSITE MIXTURE OF PHYTOMASS AND MYCOMASS |
| 17. | M. Sc Biotechnology | 2001BT20106 | KALAISELVAN.T | Research Project | PRODUCTION & PURIFICATION OF LIPASE FROM HALOPHILIC BACTERIA |
| 18. | M. Phil Biotechnology | 2102BT3001 | K.RAMYA | Research Project | PRODUCTION OF BIOENZYME FROM TAGETES MARIGOLD AND ROSA DAMASCENA |
| 19. | M. Phil Biotechnology | 2102BT3002 | L.LATHA | Research Project | YIELD, NUTRITIONAL CONTENT AND ANTIOXIDANT ACTIVITY OF PLEUROTUS OSTREATUS ON PADDY STRAW SUPPLEMENTED WITH COCONUT FIBER COIR |
| 20. | M. Phil Biotechnology | 2102BT3003 | K.KANIMOZHI | Research Project | STUDIES ON PHYTOCHEMICAL, ANTIMICROBIAL, ANTIOXIDANT AND ANTICANCER ACTIVITY OF COLES AMBOINICUS L. LEAF EXTRACT |
| 21. | M. Phil Biotechnology | 2102BT3004 | J.JEYASREE | Research Project | ISOLATION AND IDENTIFICATION OF MICROORGANISMS AND THEIR PHYSICO-BIOCHEMICAL PROPERTIES IN WASTE DECOMPOSER |
| 22. | M. Phil Biotechnology | 2102BT3005 | L.LOGAMMABAL | Research Project | EVALUATION OF IN-VITRO HEALING ACTIVITY OF SEAWEEEDS AGAINST DIABETIC FOOT ULCER WOUNDS |
| 23. | M. Phil Biotechnology | 2102BT3006 | K.LAKSHMI | Research Project | BIOCHEMICAL ANALYSIS OF PECTIN METHYLESTERASE (PME)IN BANANA RIPENING |


Head of the Department
Department of Biotechnology
School of Arts & Science
Prist Deemed to be University, Thanjavur.



Dean of Arts & Science
Prist Deemed to be University
Thanjavur - 613 403, Tamilnadu.

**ISOLATION, IDENTIFICATION AND ANTIBIOTIC SUSCEPTIBILITY
OF *PROTEUS MIRABILIS* FROM URINE SAMPLE**

**A DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF THE
REQUIREMENTS FOR AWARD THE DEGREE OF**

MASTER OF SCIENCE

In

BIOTECHNOLOGY

**Submitted By
S. PRIYA
(Reg No. 2001BT20205)**

**Under the Guidance of
Dr. R. KAMARAJ
Assistant Professor**

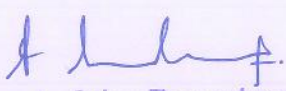


DEPARTMENT OF BIOTECHNOLOGY

School of Arts and Science

**PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE &
TECHNOLOGY [PRIST], THANJAVUR, TAMIL NADU**

MAY -2022


**Head of the Department
Department of Biotechnology
School of Arts & Science
Prist Deemed to be University, Thanjavur.**



Bona-fide Certificate

This is to certify that the thesis entitled “BIOCHEMICAL ESTIMATION OF HIGH RICHED FRUIT SAMPLES”, submitted by Mr. R. RAJITH to the PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY [PRIST], Thanjavur – 613 403. For research work carried out by him under my supervision. The contents of this, in full or in parts, have not been submitted to any other Institute or University for the award of any degree, diploma, associate ship, fellowship or any similar title and that it represents entirely an independent work on the part of the candidate.

Place: Thanjavur

Date: 23.06.2022

SIGNATURE OF THE GUIDE

SIGNATURE OF THE H.O.D

SIGNATURE OF THE EXAMINAR

1. (Dr. S. AMBIGA)

2. (Dr. J. ILAMATHI)

Head of the Department
Department of Biotechnology
School of Arts & Science
Prist Deemed to be University, Thanjavur.

BIOETHANOL PRODUCTION FROM LIGNOCELLULOSIC & HOUSEHOLD WASTE

**A DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF THE
REQUIREMENTS FOR AWARD THE DEGREE OF**

MASTER OF SCIENCE

In

BIOTECHNOLOGY

**Submitted By
T. KUMAR
(Reg No. 2001BT20101)**

Under the Guidance of

**Dr. J. ILAMATHI
Assistant Professor**



DEPARTMENT OF BIOTECHNOLOGY

School of Arts and Science

**PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE &
TECHNOLOGY [PRIST], THANJAVUR, TAMIL NADU**

MAY -2022

**Head of the Department
Department of Biotechnology
School of Arts & Science
Prist Deemed to be University, Thanjavur.**



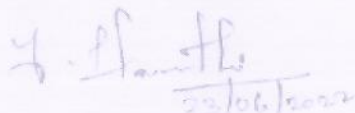
PRIST
DEEMED TO BE
UNIVERSITY
NAAC ACCREDITED
THANJAVUR – 613 403 - TAMILNADU

Bona-fide Certificate

This is to certify that the thesis entitled “**BIOETHANOL PRODUCTION FROM LIGNOCELLULOSIC & HOUSEHOLD WASTE**”, submitted by **S. T. KUMAR** to the **PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY [PRIST]**, Thanjavur – 613 403. For research work carried out by him under my supervision. The contents of this, in full or in parts, have not been submitted to any other Institute or University for the award of any degree, diploma, associate ship, fellowship or any similar title and that it represents entirely an independent work on the part of the candidate.

Place: Thanjavur

Date: 23.06.2022


23/06/2022

SIGNATURE OF GUIDE

(Dr. J. ILAMATHI)


23/6/2022

SIGNATURE OF THE H.O.D

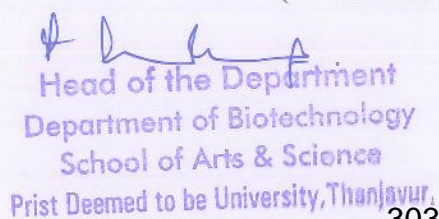
SIGNATURE OF THE EXAMINAR

1. 

(Dr. S. Ambiga)

2. 
23/6/2022

A. Bakrudeen Ali Ahemed)


Head of the Department
Department of Biotechnology
School of Arts & Science
Prist Deemed to be University, Thanjavur.

**GREEN SYNTHESIS OF METAL BASED NANOPARTICLES AND THIER
ANTIMICROBIAL ACTIVITY**

**A DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF THE
REQUIREMENTS FOR AWARD THE DEGREE OF**

MASTER OF PHILOSOPHY

In

BIOTECHNOLOGY

**Submitted By
M. SANGEETHA
(Reg No. 2001BT30104)**

**Under the Guidance of
Dr. P. MANONMANI
Professor**




DEPARTMENT OF BIOTECHNOLOGY

School of Arts and Science

**PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE &
TECHNOLOGY [PRIST], THANJAVUR, TAMIL NADU**

JUNE -2022


Head of the Department
Department of Biotechnology
School of Arts & Science
Prist Deemed to be University, Thanjavur.



PRIST
DEEMED TO BE
UNIVERSITY
NAAC ACCREDITED
THANJAVUR – 613 403 - TAMILNADU

Bona-fide Certificate

This is to certify that the thesis entitled “GREEN SYNTHESIS OF METAL BASED NANOPARTICLES AND THIER ANTIMICROBIAL ACTIVITY”, submitted by M. SANGEETHA to the PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY [PRIST], Thanjavur – 613 403. For research work carried out by him under my supervision. The contents of this, in full or in parts, have not been submitted to any other Institute or University for the award of any degree, diploma, associate ship, fellowship or any similar title and that it represents entirely an independent work on the part of the candidate.

Place: Thanjavur

Date: 23.06.2022

SIGNATURE OF GUIDE

(Dr. P. MANONMANI)

SIGNATURE OF THE H.O.D

SIGNATURE OF THE EXAMINAR

1.

(Dr. S. Ambiga)

2.

(Dr. A. Bakrudeen Ali Ahemed)

Head of the Department
Department of Biotechnology
School of Arts & Science
Prist Deemed to be University, Thanjavur.



PRIST
DEEMED TO BE
UNIVERSITY
NAAC ACCREDITED
THANJAVUR – 613 403 - TAMILNADU

DEPARTMENT OF BIOTECHNOLOGY

1.3.3. PARTICIPATION BOUNDED RESEARCH

ACADEMIC YEAR (2021-2022)


HOD

Head of the Department
Department of Biotechnology
School of Arts & Science
Prist Deemed to be University, Thanjavur.



DEAN


Dean of Arts & Science
PRIST Deemed to be University
Thanjavur - 613 403, Tamilnadu.

DEPARTMENT OF BIOTECHNOLOGY

ACADEMIC YEAR 2021-2022


1.3.3. PARTICIPATION BOUNDED RESEARCH


| S.NO. | PROGRAM NAME | REG.NO. | NAME | INTERNSHIP /FIELD PROJECT/ RESEARCH PROJECT | PROJECT TITLE |
|-------|---------------------|------------|-------------------|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | B. Sc Biotechnology | 1901BT1001 | R.PRAVEENKUMAR | Participation Bounded Research | ANTI BACTERIAL ACTIVITY IN BANANA |
| 2. | B. Sc Biotechnology | 1901BT1003 | K.NATHIYA | Participation Bounded Research | STUDIES ON DIFFERENT FUNGAL DISEASES IN ORNAMENTAL FISH |
| 3. | B. Sc Biotechnology | 1901BT1004 | T.ABINAYA | Participation Bounded Research | PROTEIN COMPOSITION IN DIFFERENT NUTS |
| 4. | B. Sc Biotechnology | 1901BT1005 | N.SOPIYA | Participation Bounded Research | A DETAILED STUDY ON THE DETERMINATION OF DEGRADABILITY OF FUNGI ISOLATED FROM HYDROCARBON POLLUTED SOIL ON CRUDE OIL USING GAS CHROMATOGRAPHY. |
| 5. | B. Sc Biotechnology | 1901BT1006 | S.ARUN | Participation Bounded Research | ISOLATION AND IDENTIFICATION OF MICROORGANISM IN STREAM DOMESTIC WASTE WATER |
| 6. | B. Sc Biotechnology | 1901BT1007 | S.SHAFANA PARVEEN | Participation Bounded Research | MICROBIAL CONTAMINATION OF YOGHURT |
| 7. | B. Sc Biotechnology | 1901BT1008 | M.SNEKA | Participation Bounded Research | THE OCCURENCE OF HEAVY METALS IN GILLS, MUSCLES, AND LIVER OF MARINE FISHES |
| 8. | B. Sc Biotechnology | 1901BT1009 | S.FATHIMAFARVEEN | Participation Bounded Research | INVESTIGATION ON FRESH WATER ALGAE AND ITS POTENTIAL FOR BIOFUEL |
| 9. | B. Sc Biotechnology | 1901BT1010 | V.SIBIRAJ | Participation Bounded Research | STUDIES ON BIOINFORMATICS TOOLS |


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 P. Deemed to be University
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| 10. | B. Sc Biotechnology | 1901BT1011 | J.NOWTHIKA | Participation Bounded Research | PROXIMATE COMPOSITION OF NEEM LEAF WASTE |
| 11. | B. Sc Biotechnology | 1901BT1012 | M.BRINDHA | Participation Bounded Research | BIOFERTILIZER FROM VARIOUS AGRICULTURE WASTE |
| 12. | B. Sc Biotechnology | 1901BT1013 | A.GOWTHAMI | Participation Bounded Research | BACTERIA AND FUNGI INVOLVED IN YOGURT PRODUCTION |
| 13. | B. Sc Biotechnology | 1901BT1014 | R.SANTHANALAKSHMI | Participation Bounded Research | FISH FEED FROM FISH WASTE |
| 14. | B. Sc Biotechnology | 1901BT1015 | M.BHUVANESHWARI | Participation Bounded Research | THE BACTERIOLOGICAL AND MYCOLOGICAL CONTAMINATION OF DOMESTIC WATER |
| 15. | B. Sc Biotechnology | 1901BT1017 | K.GURUPRASATH | Participation Bounded Research | ANTIBACTERIAL ACTIVITY OF HONEY ON STAPHYLOCOCCUS AUREUS ESCHERICHIA COLI AND STREPTOCOCCUS PYOGEN ISOLATED FROM WOUND |
| 16. | B. Sc Biotechnology | 1901BT1018 | R.PRADEESH | Participation Bounded Research | BIOCONTROL POTENTIAL OF BACILLUS THURINGIENSIS ISOLATED FROM SOIL SAMPLES AGAINST LARVA OF MOSQUITO |
| 17. | B. Sc Biotechnology | 1901BT1019 | R.VAISHNAVI | Participation Bounded Research | CELLULOSE DEGRADATION BY TWO SPECIES OF BACTERIA FOUND IN THE GUT |
| 18. | B. Sc Biotechnology | 1901BT1020 | R.VIKRAM | Participation Bounded Research | STUDIES ON BIODEGRADATION IN VEGETABLE WASTE |
| 19. | B. Sc Biotechnology | 1901BT1021 | A.ROSEMINBEGUM | Participation Bounded Research | EXTRACTION OF OIL FROM FISH WASTE |
| 20. | B. Sc Biotechnology | 1901BT1022 | A.GUNANIDHI | Participation Bounded Research | STUDIES ON CALCIUM FROM ANIMAL BONES |
| 21. | B. Sc Biotechnology | 1901BT1023 | M.PREMKUMAR | Participation Bounded Research | STUDIES ON BACTERIAL INFECTION IN COUNTRY COW SKIN |
| 22. | B. Sc Biotechnology | 1901BT1024 | S.SHENBAGAVARSHINI | Participation Bounded Research | PREPARATION OF BIOFERTILIZER FROM ANIMAL WASTE |
| 23. | B. Sc Biotechnology | 1901BT1025 | S.J.KRUTHIKA | Participation Bounded Research | DEGRADATION OF INDUSTRIAL PAINT EFFLUENTS BY SOIL BACTERIA |
| 24. | B. Sc Biotechnology | 1901BT1027 | B.SHALINI | Participation Bounded Research | PREVALENCE AND ANTIMICROBIAL SUSCEPTIBILITY OF GRAM NEGATIVE BACTERIA IN THE HUMAN URINE |


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|-----|---------------------|------------|-------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------|
| 25. | B. Sc Biotechnology | 1901BT1028 | S.DHARANIDHARAN | Participation Bounded Research | EFFECT OF HEAVY METAL IF TILAPIA FISH |
| 26. | B. Sc Biotechnology | 1901BT1029 | M.JERLINDEEPA | Participation Bounded Research | AMINO ACID COMPOSITION OF SEAWEEEDS |
| 27. | B. Sc Biotechnology | 1901BT1030 | S.PRAGADEESHWARAN | Participation Bounded Research | LIPID CONCENTRATION IN DIFFERENT VEGETABLES |
| 28. | B. Sc Biotechnology | 1901BT1031 | M.PRIYAN | Participation Bounded Research | EFFECT OF BACTERIAL INFECTION IN VARIOUS SEEDS |
| 29. | B. Sc Biotechnology | 1901BT1032 | A.ARAVINTH | Participation Bounded Research | GASTRO-INTESTINAL PROTOZOANS AND HELMINTHS INFECTING CHILDREN |
| 30. | B. Sc Biotechnology | 1901BT1033 | S.SIVAKUMAR | Participation Bounded Research | A STUDY ON THE MALARIA VECTOR |
| 31. | B. Sc Biotechnology | 1901BT1034 | A.P.MAHAMEDHASAN | Participation Bounded Research | A PRELIMINARY STUDY ON THE GASTROINTESTINAL HELMINTH PARASITES OF TOADS |
| 32. | B. Sc Biotechnology | 1901BT1035 | S.NANDHINI | Participation Bounded Research | ECTO AND INTESTINAL ENDO-PARASITIC FAUNA OF BUSHMEAT |
| 33. | B. Sc Biotechnology | 1901BT1036 | P.PRAGADEESHWARAN | Participation Bounded Research | STUDY ON WATER QUALITY PARAMETERS IN CAUVERY RIVER |
| 34. | B. Sc Biotechnology | 1901BT1037 | E.KAVIYA | Participation Bounded Research | STUDY ON BENTHIC FAUNA DIVERSITY IN NAGAPATTINAM COASTAL BEACH |
| 35. | B. Sc Biotechnology | 1901BT1039 | S.SUMIDHA | Participation Bounded Research | THE PREVALENCE OF PARASITE CONTAMINATION OF VEGETABLES |
| 36. | B. Sc Biotechnology | 1901BT1040 | ILAKAVIARASAN.I | Participation Bounded Research | STUDIES ON RICE FIELDS SNAILS |
| 37. | B. Sc Biotechnology | 1901BT1041 | ANISHFATHIMA.U | Participation Bounded Research | EFFECT OF TURMERIC MEAL AS A FEED INGREDIENT IN THE DIETS OF POULTRY BIRDS |
| 38. | B. Sc Biotechnology | 1901BT1042 | KARTHIK.L | Participation Bounded Research | THE EFFECT OF DIETARY INTAKE OF MORINGA LEAF WATER |
| 39. | B. Sc Biotechnology | 1901BT1043 | VINITHA.R | Participation Bounded Research | NUTRIENT INTAKE, DIGESTION AND UTILIZATION BY RABBITS |
| 40. | B. Sc Biotechnology | 1901BT1044 | SUBATHRA. M | Participation Bounded Research | PERFORMANCE OF BROILER CHICKENS FED TWO VARIETIES EACH OF GUINEA CORN AND MILLET AS REPLACEMENTS FOR DIETARY MAIZE |


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| 41. | B. Sc Biotechnology | 1901BT1045 | VIJAYAKUMAR.K | Participation Bounded Research | PERFORMANCE OF WEANER RABBITS FED MAIZE HUSK BASED DIETS WITH AND WITHOUT ENZYME SUPPLEMENTATION |
| 42. | B. Sc Biotechnology | 1901BT1046 | S. SARANYA | Participation Bounded Research | EFFECT OF AGE OF GUINEA GRASS (PANICUM MAXIMUM) ON SILAGE QUALITY AND ITS NUTRITIVE VALUE IN WEST |
| 43. | B. Sc Biotechnology | 1901BT1047 | K.LAVANYA | Participation Bounded Research | THE ISOLATION AND IDENTIFICATION OF NEMATODE AFFECTING TOMATOES |
| 44. | B. Sc Biotechnology | 1901BT1048 | P. GOMATHI | Participation Bounded Research | GASTRO-INTESTINAL PROTOZOANS AND HELMINTHS INFECTING |
| 45. | B. Sc Biotechnology | 1901BT1049 | R. REVATHI | Participation Bounded Research | PREVALENCE OF HYPOGLYCAEMIA AMONG PLASMODIUM FALCIPARUM |
| 46. | B. Sc Biotechnology | 1901BT1050 | L.PARAMESHWARI | Participation Bounded Research | EVALUATION OF SOME ESSENTIAL OILS AS CLEARING AGENTS ON THE HISTOLOGY OF SOME SELECTED ORGANS OF ADULT WISTAR RATS |
| 47. | B. Sc Biotechnology | 1901BT1051 | N. MALATHI | Participation Bounded Research | DETERMINATION OF SUGAR CONTENT, ALCOHOLIC CONTENT, AND VITAMIN CONTENT ON SOFT DRINKS |
| 48. | B. Sc Biotechnology | 1901BT1052 | K.VAISHNAVI | Participation Bounded Research | ANTIMICROBIAL AND PHYTOCHEMICAL PROPERTIES IN MANGO LEAF |
| 49. | B. Sc Biotechnology | 1901BT1053 | V. RAMADEVI | Participation Bounded Research | COMPARATIVE ASSESSMENT OF PERFORMANCE OF ALUMINIUM SULPHATE (ALUM) AND FERROUS SULPHATE AS COAGULANTS IN WATER TREATMENT |
| 50. | B. Sc Biotechnology | 1901BT1054 | P. PONMATHI | Participation Bounded Research | EFFECTS OF SUGAR CANE BAGASSE ASH AS SUPPLEMENTARY FOOD |
| 51. | M. Sc Biotechnology | 2001BT20201 | YOGITHA.R | Participation Bounded Research | MOLECULAR MECHANISMS OF DEVELOPMENTAL NEUROBIOLOGY AND NEURAL STEM CELL BIOLOGY |
| 52. | M. Sc Biotechnology | 2001BT20202 | JENIFER.R | Participation Bounded Research | ISOLATION OF PECTINASE FROM FUNGUS BY USING ORANGE AS A SUBSTRATE |
| 53. | M. Sc Biotechnology | 2001BT20203 | VINCY.B | Participation Bounded Research | BIODISEL EXTRACTION FROM CUSTRAD APPLE WASTE |
| 54. | M. Sc Biotechnology | 2001BT20204 | KAVIYA.G | Participation Bounded Research | EXPLORING THE UNTAPPED POTENTIAL OF EDIBLE MUSHROOM AGROCYBE AGERITA THROUGH SILVER NANOPARTICLE SYNTHESIS |
| 55. | M. Sc Biotechnology | 2001BT20205 | PRIYA.S | Participation Bounded Research | BIODEGRADATION POTENTIAL OF ENDOPHYTIC FUNGAL STRAINS ISOLATED FROM NATIVE PLANTS |


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|-----|---------------------|-------------|-----------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 56. | M. Sc Biotechnology | 2001BT20206 | MONIKA.J | Participation Bounded Research | EFFECT OF ULTRAVIOLET RADIATION ON ANTIBIOTIC RESISTANT BACTERIA |
| 57. | M. Sc Biotechnology | 2001BT20207 | LOGITHA.E | Participation Bounded Research | SYNTHESIS OF ALLICIN FROM GARLIC (<i>ALLIUM SATIVUM</i>) |
| 58. | M. Sc Biotechnology | 2001BT20208 | RAJ.R | Participation Bounded Research | CARDIOPROTECTIVE EFFECT AND ANTIOXIAN STATUS OF LAGENARIA SICERERIA (MOL.) |
| 59. | M. Sc Biotechnology | 2001BT20209 | BIRUNTHA.D | Participation Bounded Research | FACILITATED EXTRACTION BIOACTIVE COMPOUND FROM BAELE FRUIT |
| 60. | M. Sc Biotechnology | 2001BT20210 | REKHA.H | Participation Bounded Research | EXTRACTION AND PURIFICATION OF BIODISEL FROM MICROALGAE |
| 61. | M. Sc Biotechnology | 2001BT20211 | KALPANA.U | Participation Bounded Research | PREPARATION OF ORGANIC FERTILIZERS FROM VARIOUS FRUITS AND VEGETABLE PEELS AND CHECK THEIR EFFICIENCY |
| 62. | M. Sc Biotechnology | 2001BT20101 | KUMAR.T | Participation Bounded Research | AWARENESS OF OVARIAN CANCER RISK AND SYMPTOMS: A SURVEY STUDY |
| 63. | M. Sc Biotechnology | 2001BT20102 | HEMANATH.R | Participation Bounded Research | EXTRACTION OF AMYLASE FROM HOTEL WASTE FOOD |
| 64. | M. Sc Biotechnology | 2001BT20103 | KARTHIKA | Participation Bounded Research | TO STUDY VARIOUS COMPONENTS, NUTRITIONAL FACT AND MICROBIAL GROWTH OF DIFFERENT FRUIT JUICES |
| 65. | M. Sc Biotechnology | 2001BT20104 | VEERA.D | Participation Bounded Research | EXTRACTION AND APPLICATION OF ANTHOCYANIN PIGMENT IN TEXTILE INDUSTRY |
| 66. | M. Sc Biotechnology | 2001BT20105 | KARTHIKEYAN.T | Participation Bounded Research | ANALYSIS OF PHYTOCHEMICAL CONSTITUENTS OF AQUEOUS FLOWER EXTRACT OF PELTOPHORUM PTEROCARPUM |
| 67. | M. Sc Biotechnology | 2001BT20106 | KALAISELVAN.T | Participation Bounded Research | EXPLORING FUNGAL BIODIVERSITY FOR THE PRODUCTION OF WATER-SOLUBLE PIGMENTS AS POTENTIAL BIO COLORANT FOR VARIOUS INDUSTRIAL APPLICATIONS |
| 68. | M. Sc Biotechnology | 2101BT20101 | D.VIJAYARAHAVAN | Participation Bounded Research | ANTIBIOTIC SENSITIVITY TEST OF CLINICAL ISOLATES |
| 69. | M. Sc Biotechnology | 2101BT20102 | D. KUMAR | Participation Bounded Research | MICROBIAL CONVERSION OF CELLULOSIC WASTE FOR SUSTAINED ENERGY PRODUCTION |
| 70. | M. Sc Biotechnology | 2101BT20103 | J.GOWRISANKAR | Participation Bounded Research | ASSAY OF ANTIGEN PREPARATION FOR PRODUCTION OF ANTIBODY AGAINST BACTERIAL AND FUNGAL SPP. |

J. Subh
Head of the Department

Department of Biotechnology

School of Arts & Science

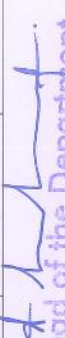
Prist Deemed to be University, Thanjavur.

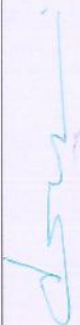
Dean of Arts & Science

PRIST Deemed to be University


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|-----|---------------------|-------------|--------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 71. | M. Sc Biotechnology | 2101BT20202 | K.UMAMAGESHWARI | Participation Bounded Research | PHYTOCHEMICAL AND ANTIBACTERIAL ACTIVITY OF ARTABOTRYS HEXAPETALUS AGAINST SOME SELECTED BACTERIA |
| 72. | M. Sc Biotechnology | 2101BT20203 | K. GAYATHRI | Participation Bounded Research | EPIGENETIC REGULATION OF DEVELOPMENTAL GENE EXPRESSION |
| 73. | M. Sc Biotechnology | 2101BT20204 | S. HEMALADEVI | Participation Bounded Research | PREPARATION AND EVALUATION OF NEEM SHAMPOO |
| 74. | M. Sc Biotechnology | 2101BT20205 | A. BOWSAYAJEYARANI | Participation Bounded Research | A SURVEY ON DIETARY HABITS BEFORE AND DURING COVID-19 PANDEMIC |
| 75. | M. Sc Biotechnology | 2101BT20206 | P. DEEPA | Participation Bounded Research | SCREENING OF SOME MEDICINAL PLANTS IN THE NILGIRI BIOSPHERE FOR THE MOSQUITOCIDAL PROPERTY AGAINST THE CHIKUNGUNYA VECTOR, <i>Aedes. Aegypti</i> |
| 76. | M. Sc Biotechnology | 2101BT20207 | K.KALAI | Participation Bounded Research | CARDIOPROTECTIVE EFFECT AND ANTIOXIDANT STATUS OF LAGENARIA SICERERIA (MOL.) AND ITS PHYTOCHEMICAL CHARACTERIZATION |
| 77. | M. Sc Biotechnology | 2101BT20208 | S.SARANYA | Participation Bounded Research | VERMITECHNOLOGY - A NOVEL APPROACH FOR THE DISPOSAL OF BIOMEDICAL WASTES |
| 78. | M. Sc Biotechnology | 2101BT20209 | M.MAHA | Participation Bounded Research | ANTIBIOGRAM SCREENING OF HONEY AGAINST UTI BACTERIA |
| 79. | M. Sc Biotechnology | 2101BT20210 | K.LALITHA | Participation Bounded Research | MEDICINAL MUSHROOM CULTIVATION |
| 80. | M. Sc Biotechnology | 2101BT20211 | N.HEMA | Participation Bounded Research | NANOTECHNOLOGY-RELATED ENVIRONMENT, HEALTH AND SAFETY RESEARCH: EXAMINING THE NANOTOXIC EFFECTS ON NON-HUMAN BIOTA EARTH WORM FOR ENVIRONMENTAL HEALTH PERSPECTIVES |
| 81. | M. Sc Biotechnology | 2101BT20212 | K.LATHA | Participation Bounded Research | ANTITUMOR EFFECT OF SOLANUM VILLOSUM LEAF EXTRACT |
| 82. | M. Sc Biotechnology | 2101BT20213 | L.RADHA | Participation Bounded Research | ANTIOXIDANT ACTIVITIES OF BIOACTIVE CONSTITUENTS FROM ESSENTIAL OF IXORA COCCINEA LINN AND IXORA PERVIFLORAVAHLSPECIES |
| 83. | M. Sc Biotechnology | 2101BT20214 | T.MEENA | Participation Bounded Research | GREEN SYNTHESIS OF GOLD NANOPARTICLES FROM GELIDIELLA ACEROSA (RED SEAWEED) |
| 84. | M. Sc Biotechnology | 2101BT20215 | H.KALAISELVI | Participation Bounded Research | ANTI-INFLAMMATORY EFFICACY OF HIBISCUS SCHIZOPETAULS |

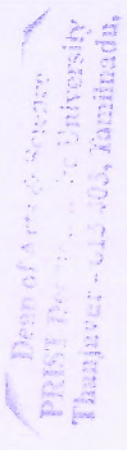

 Head of the Department
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 Thanjavur - 613-403, Tamilnadu.

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|-----|---------------------|-------------|----------|--------------------------------|------------------------------------------------------------------------------------|
| 85. | M. Sc Biotechnology | 2101BT20216 | S.RENUKA | Participation Bounded Research | INDUCTION OF APOPTOSIS IN BREAST CANCER FROM ESSENTIAL OIL OF CITRUS LIMETTA RISSO |
| 86. | M. Sc Biotechnology | 2101BT20217 | K.SATHYA | Participation Bounded Research | SYNTHESIS AND CHARACTERIZATION OF HYDROXYAPATITE (HAP) BY SERRATIA MARCESCENS |


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Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : K. GIYATHRI
- Register No. : 2101BT20203
- Programme & Branch : M.Sc. BIOTECHNOLOGY Batch: 2021-2023 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. R. KAMARAJ
- Designation: ASSISTANT PROFESSOR Department: BIOTECHNOLOGY

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

Epigenetic information contributes to embryonic development by informing cells about their past, present and future

ii. Date of Allotment of the Task:

27.07.2021

iii. Due Date Proposed for Completion of Task:

17.11.2021

K. Giyathri
Signature of the Student:

R. Kamaraj
Signature of the Faculty Advisor

Date: 17.11.2021

[Signature]
Head of the Department
Department of Biotechnology
School of Arts & Science
Prist Deemed to be University, Thanjavur.
HOD
314

[Signature]
Dean of Arts & Science
PRIST Deemed to be University
Thanjavur - 613 403, Tamilnadu.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : K. GAYATHRI
- Register No. : 2101BT20203
- Programme & Branch : M.Sc. BIOTECHNOLOGY Batch: 2021-2023 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. R. KAMARAJ
- Designation: ASSISTANT PROFESSOR Department: BIOTECHNOLOGY

III. Details of the Task Undertaken:

i. Details of the Task:

EPIGENETIC REGULATION OF DEVELOPMENTAL GENE EXPRESSION

ii. Date of Allotment of the Task:

27.07.2021

iii. Date of Completion of the Task:

17.11.2021

IV. Declaration of the Student

I, K. GAYATHRI, a student of M.Sc. BIOTECHNOLOGY Programme (Reg.No. 2101BT20203), hereby declare that I have completed the Research Related Task” EPIGENETIC REGULATION OF DEVELOPMENTAL GENE EXPRESSION”

upto the satisfaction of my Advisor and have submitted all related records to him on 17.11.2021. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 27.07.2021

[Signature]
 Head of the Department
 Department of Biotechnology
 School of Arts & Science
 Prist Deemed to be University, Thanjavur.

[Signature]
 Faculty Advisor

[Signature]
 Signature of the Student

[Signature]
 Dean of Arts & Science
 Prist Deemed to be University
 Thanjavur - 613 408, Tamil Nadu.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : K. GIAYATHRI
- Register No. : 2101BT20203
- Programme & Branch : M.Sc. BIOTECHNOLOGY Batch: 2021-20²³ Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : DR. R. KAMARAJ
- Designation: ASSISTANT PROFESSOR Department: BIOTECHNOLOGY

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

EPIGENETIC REGULATION OF DEVELOPMENTAL GENE EXPRESSION.

ii. Date of Allotment of the Task:

27-07-2021

iii. Date of Completion of the

17-11-2021

Task:

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. K. GIAYATHRI, a bonafide student of M.Sc. BIOTECHNOLOGY


(Reg.No. 2101BT20203) who has been allotted a Research Related Task “ EPIGENETIC


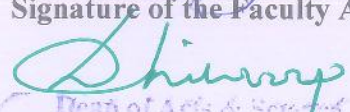
REGULATION OF DEVELOPMENTAL GENE EXPRESSION ” on

27-07-2021 has successfully completed the above mentioned task on 17-11-2021 to my satisfaction and has

submitted all task completion related records to me.

Date: 17.11.2021.


Head of the Department
Department of Biotechnology
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Prist Deemed to be University, Thanjavur.


Signature of the Faculty Advisor

Head of Arts & Science
PRIST Deemed to be University
Thanjavur - 613 303, Tamilnadu.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : R. VAISHNAVI
- Register No. : 1901BT1019
- Programme & Branch : B.Sc Biotechnology Batch: 20A-2022 Semester: V

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. G. VENKATKUMAR
- Designation: Assistant Professor Department: Biotechnology

III. Details of Research Related Task Allotted:

- i. Description of Research Related Task

Cellulose degradation can be used and also
It is based on biotic process, aerobic process
and Co-metabolic process. It is secreted by
aerobic - anaerobic bacteria.

- ii. Date of Allotment of the Task:

29.07.2021

- iii. Due Date Proposed for Completion of Task:

16.11.2021

R. Vaishnavi
Signature of the Student:

G. Venkat
Signature of the Faculty Advisor

Date: 16.11.2021

Head of the Department
Department of Biotechnology HOD
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Shirap
Dean of Arts & Science
PRIST Deemed to be University
Thanjavur - 613 403, Tamil Nadu.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : R. VAISHNAVI
- Register No. : 1901BT1019
- Programme & Branch : B.Sc BIOTECHNOLOGY Batch: 2019-2022 Semester: V

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. G. Venkatkumar
- Designation: Assistant professor Department: Biotechnology

III. Details of the Task Undertaken:

i. Details of the Task:

CELLULOSE DEGRADATION BY TWO SPECIES OF BACTERIA IN THE GUT

ii. Date of Allotment of the Task:

29.07.2021

iii. Date of Completion of the Task:

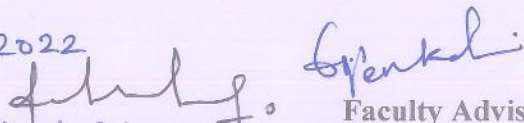
16.11.2021

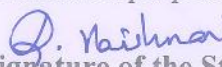
IV. Declaration of the Student


I, R. VAISHNAVI, a student of B.Sc BIOTECHNOLOGY Programme (Reg.No. 1901BT1019), hereby declare that I have completed the Research Related Task " CELLULOSE DEGRADATION BY TWO SPECIES OF BACTERIA IN THE GUT "

upto the satisfaction of my Advisor and have submitted all related records to him on 16.11.2021. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 16.11.2022


Faculty Advisor
Head of the Department
Department of Biotechnology
School of Arts & Science
Prist Deemed to be University, Thanjavur.


Signature of the Student


Head of the Department
PRIST Deemed to be University
Thanjavur - 613 403, Tamilnadu.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : R. VAISHNAVI
- Register No. : 1901BT1019
- Programme & Branch : B.Sc Biotechnology Batch: 2019-2022 Semester: V

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. G. Venkatkumar
- Designation: Assistant Professor Department: Biotechnology

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

CELULOSE DEGRADATION BY TWO SPECIES OF BACTERIA
IN THE GIUT

ii. Date of Allotment of the Task:

29.07.2021

iii. Date of Completion of the

16.11.2021

Task:

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. R. VAISHNAVI, a bonafide student of B.Sc Biotechnology
(Reg.No. 1901BT1019) who has been allotted a Research Related Task "CELLULOSE DEGRADATION
BY TWO SPECIES OF BACTERIA IN THE GIUT" "on
29.07.2021 has successfully completed the above mentioned task on 16.11.2021 to my satisfaction and has
submitted all task completion related records to me.

Date: 16.11.2021
Head of the Department
Department of Biotechnology
School of Arts & Science
Prist Deemed to be University, Thanjavur.

Signature of the Faculty Advisor

Signature of the Dean
Dean of Arts & Science
PRIST Deemed to be University
Thanjavur - 613 403, Tamil Nadu.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : R. YOGITHA
- Register No. : 2001BT20201
- Programme & Branch : M.Sc. BIOTECHNOLOGY Batch: 2020 - Semester: ²⁰²² III

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. P. ARJUN
- Designation: ASSOCIATE PROFESSOR Department: BIOTECHNOLOGY

III. Details of Research Related Task Allotted:

- i. Description of Research Related Task

During development the central nervous system is generated from a small number of neural stem cells lining the neural tube.

- ii. Date of Allotment of the Task: 27.07.2021
- iii. Due Date Proposed for Completion of Task: 17.11.2021

R. Keerthi
Signature of the Student:

P. Arjun
Signature of the Faculty Advisor

Date: 17.11.2021

Shivraj
Dean of Arts & Science
PRIST Deemed to be University
Thanjavur - 613 403, Tamilnadu

HOD *[Signature]*
Head of the Department
Department of Biotechnology
School of Arts & Science
PRIST Deemed to be University, Thanjavur.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : R.YOGITHA
- Register No. : 2001BT20201
- Programme & Branch : M.Sc. BIOTECHNOLOGY Batch: 2020-2022 Semester: III

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. P. ARJUN
- Designation: ASSOCIATE PROFESSOR Department: BIOTECHNOLOGY

III. Details of the Task Undertaken:

i. Details of the Task:

MOLECULAR MECHANISMS OF DEVELOPMENTAL NEUROBIOLOGY AND NEURAL STEM CELL BIOLOGY

ii. Date of Allotment of the Task:

27-07-2021

iii. Date of Completion of the

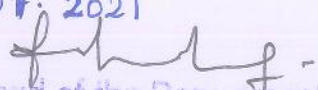
17-11-2021

Task: _____


IV. Declaration of the Student


I, R. YOGITHA, a student of M.Sc. BIOTECHNOLOGY Programme (Reg.No. 2001BT20201), hereby declare that I have completed the Research Related Task” MOLECULAR MECHANISMS OF DEVELOPMENTAL NEUROBIOLOGY AND NEURAL STEM CELL BIOLOGY” upto the satisfaction of my Advisor and have submitted all related records to him on 17-11-2021. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 27-07-2021


 Head of the Department
 Department of Biotechnology
 School of Arts & Science
 Prist Deemed to be University, Thanjavur.


 Faculty Advisor


 Signature of the Student


 Dean of Arts & Science
 PRIST Deemed to be University
 Thanjavur - 613 403, Tamilnadu.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : R.YOGITHA
- Register No. : 2001BT20201
- Programme & Branch : M.Sc BIOTECHNOLOGY Batch: 2020-2022 Semester: III

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. P. ARJUN
- Designation: ASSOCIATE PROFESSOR Department: BIOTECHNOLOGY

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

MOLECULAR MECHANISMS OF DEVELOPMENTAL NEUROBIOLOGY AND NEURAL STEM CELL BIOLOGY

ii. Date of Allotment of the Task:

27.07.2021

iii. Date of Completion of the

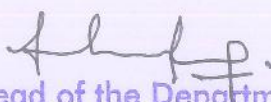
17.11.2021

Task:

IV. Certificate for Successful Completion of Task

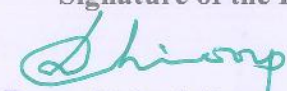
This is to certify that Mr./Ms. R. YOGITHA, a bonafide student of M.Sc. BIOTECHNOLOGY (Reg.No. 2001BT20201) who has been allotted a Research Related Task “ MOLECULAR MECHANISMS OF DEVELOPMENTAL NEUROBIOLOGY AND NEURAL STEM CELL BIOLOGY “on 27.7.2021 has successfully completed the above mentioned task on 17.11.2021 to my satisfaction and has submitted all task completion related records to me.

Date: 17.11.2021


Head of the Department
Department of Biotechnology
School of Arts & Science

PRIST Deemed to be University Thanjavur


Signature of the Faculty Advisor


Dean of Arts & Science
PRIST Deemed to be University
Thanjavur - 613 403, Tamilnadu.