

**ACADEMIC YEAR**  
**2019 – 2020**



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### RESEARCH – ACADEMIC YEAR – 2019-2020

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**SCHOOL OF ENGINEERING AND TECHNOLOGY**

**Department of Mechanical Engineering**  
**(2019-2020)**  
**Research Project**

BATCH .NO	REG. NUMBER	NAME	PROJECT TITLE
1	1801MT2001	R.MOHAN	Inclined Cam Mechanism
2	1801MT2002	S.DIVAGAR	Convex Surface Milling Machine
3	1801MT2003	S.REVANTH	Mechanical Pick & Place Mechanism
4	1801MT2004	D.MORMUKUT SINGH	Pedal Press Pneumatic Lifting Jack
5	1801MT2005	B.ANSHU KUMAR GUPTA	Reciprocating Auto Pneumatic Hacksaw
6	1801MT2006	M. MOHAMED YUNUS	Contactless Air Conveyor For Goods Movement
7	1801MT2007	M.RAM KUMAR	360 Degree Rotating Fire Protection System
8	1801MT2008	J.PRABHAKARAN	Airport Baggage Diverter System using QR
9	1801MT2009	U.SANTHOSH	Dual Purpose Flamethrower & Extinguisher RC Robot
10	1801MT2010	ARAVINDH.B	RC Solar Lake Pool Cleaner Drone
11	1801MT2011	ARUNKUMAR.G	Three Axis CNC Machine 1 Meter x 2 Meter
12	1801MT2012	ARUNKUMAR.R	Automatic Coil Winding Machine
13	1801MT2013	ARUNKUMAR.V	Solar Panel Cleaning Robot
14	1801MT2014	ARUNSUNDAR.G	DIY Waste Food Shredder Compost Maker Machine

  
HOD

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14	1801MT2014	ARUNSUNDAR.G	DIY Waste Food Shredder Compost Maker Machine
15	1801MT2015	DINESH KUMAR.S	Automatic Egg Breaker & Yolk Separator Machine
16	1801MT2016	DIVAKARAN.M	Thermal Vision RC Robotic Tank With Motion Detection
17	1801MT2017	KALEEMULLAH.A	Programmable Robotic Arm Using Arduino
18	1801MT2018	KARTHIKEYAN.K	Dual Side French Fries Maker Machine
19	1801MT2019	MOHANLAL.C	Motorized 4 Way Hacksaw
20	1801MT2020	NAVEEN KUMAR.H	Automatic Bed Mattress Deep Cleaning Machine
21	1801MT2021	NEELA SATHISH.N	Mini 20 Liter Solar Water Heater for Rooftop



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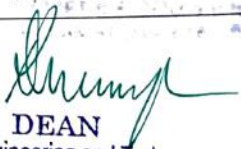
Department of Mechanical Engineering  
(2019-2020)  
Research Project

Design Project /Socio Technical Project

BATCH .NO	REG. NUMBER	NAME	PROJECT TITLE
1	1801MT2001	R.MOHAN	A Cookbook of Native Plants -Habitat
2	1801MT2002	S.DIVAGAR	Adopt-a-Park -Habitat
3	1801MT2003	S.REVANTH	Alternative Energy Resources -Energy
4	1801MT2004	D.MORMUKUT SINGH	Art in the Park -Generic Volunteering
5	1801MT2005	B.ANSHU KUMAR GUPTA	Bat Houses -Habitat
6	1801MT2006	M. MOHAMED YUNUS	Biking Clinic -Energy
7	1801MT2007	M.RAM KUMAR	Bilingual Signage -Generic Volunteering
8	1801MT2008	J.PRABHAKARAN	Birdhouses -Habitat
9	1801MT2009	U.SANTHOSH	Build a Trail -Habitat
10	1801MT2010	ARAVINDH.B	Butterfly Garden -Habitat
11	1801MT2011	ARUNKUMAR.G	Buy Local -Energy
12	1801MT2012	ARUNKUMAR.R	Community Emergency Preparedness

  
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			Plan -Generic Volunteering
13	1801MT2013	ARUNKUMAR.V	Composting -Waste
14	1801MT2014	ARUNSUNDAR.G	Computer Recycling – StRUT* -Waste
15	1801MT2015	DINESH KUMAR.S	Create a Rain Garden -Habitat
16	1801MT2016	DIVAKARAN.M	Design a Hydroelectric Car -Energy
17	1801MT2017	KALEEMULLAH.A	Downspout Disconnect Program -Waste / Water
18	1801MT2018	KARTHIKEYAN.K	Energy Audits -Energy
19	1801MT2019	MOHANLAL.C	Garage Re-Sale -Waste
20	1801MT2020	NAVEEN KUMAR.H	Green Schools -Waste
21	1801MT2021	NEELA SATHISH.N	Guide to Local Farmers' Market - Habitat



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**Department of Mechanical Engineering  
(2019-2020)  
Research Project**

**Participation in Bounded Research**

BATCH .NO	REG. NUMBER	NAME	PROJECT TITLE
1	1801MT2001	R.MOHAN	Design and Fabrication of Bucket Conveyor System
2	1801MT2002	S.DIVAGAR	Chain Link Wire Mesh Making Machine
3	1801MT2003	S.REVANTH	Motorized Spring Assist Mashing Machine
4	1801MT2004	D.MORMUKUT SINGH	Reciprocating Motion using Inclined Disc Mechanism
5	1801MT2005	B.ANSHU KUMAR GUPTA	Inclined Cam Mechanism
6	1801MT2006	M. MOHAMED YUNUS	Automatic Flipping Plate Mechanism
7	1801MT2007	M.RAM KUMAR	Convex Surface Milling Machine
8	1801MT2008	J.PRABHAKARAN	Springless Car Suspension Using Bevel Gears
9	1801MT2009	U.SANTHOSH	Mechanical Pick & Place Mechanism
10	1801MT2010	ARAVINDH.B	Hand Cranked Planetary Gearbox Mechanism
	1801MT2011	ARUNKUMAR.G	Hydraulic Flood Protection System for Homes

  
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12	1801MT2012	ARUNKUMAR.R	Contactless Air Conveyor For Goods Movement
13	1801MT2013	ARUNKUMAR.V	Automatic Roti Puri Maker Motorized Press
14	1801MT2014	ARUNSUNDAR.G	Voice Controlled Air Purifier With Sleeping Aid
15	1801MT2015	DINESH KUMAR.S	Automatic Indoor Hydroponic Plant Grow Pot
16	1801MT2016	DIVAKARAN.M	Video Calling/Recording Smartphone Stands
17	1801MT2017	KALEEMULLAH.A	Solar Power Bank with Wireless Charging
18	1801MT2018	KARTHIKEYAN.K	Gesture Control Bluetooth Speaker Arduino
19	1801MT2019	MOHANLAL.C	LIDAR Micro Drone With Proximity Sensing
20	1801MT2020	NAVEEN KUMAR.H	Programmable Robotic Arm Using Arduino
21	1801MT2021	NEELA SATHISH.N	Silent Air Purifier & Humidifier Using Water Filter



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**(2019-2020)**  
**Research Project**

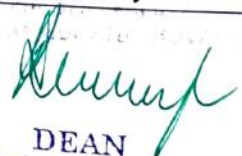
**Design Project /Socio Technical Project**

**M.TECH - PART TIME**

BATCH .NO	REG. NUMBER	NAME	PROJECT TITLE
1	1801MT2801	R. SHANMUGANATHAN	Disinfection of secondary treated sewage using a novel UVC-LED reactor system for reuse
2	1801MT2802	G.RAVISHANKAR	A study on emerging contaminants in Indian waters and their treatment technologies
3	1801MT2803	S.VAIRAMUTHU	Performance evaluation of improved anaerobic baffle filter reactor in treating domestic wastewater
4	1801MT2804	K.VEERAMANI	A study on the impact of perfluorinated compounds on human health
5	1801MT2805	RAGHU SHANKAR.R	Decolourization of textile dye wastewaters using ozone-based technologies
6	1801MT2806	RISHIKIRAN.D	Degradation of industrial wastewaters using TiO <sub>2</sub> -based nanocomposites
7	1801MT2807	SARAVANAN.S	Development of photocatalytic

  
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			membrane reactor for the treatment of industrial and domestic wastewaters
8	1801MT2808	SURENDRAN.D	Photo catalytic hydrogen production from sulfide wastewater using nano composites
9	1801MT2809	SURENDRAN.M	Development of photo catalytic reactor for removal of endocrine-disrupting compounds from water and wastewaters
10	1801MT2810	VENKATESAN.C	Photo catalytic degradation of SO <sub>x</sub> and NO <sub>x</sub> using nano composites
11	1801MT2811	RAJADURAI.R	Design, development, and performance evaluation of slotted slack-petal pot chimney over a conventional chimney
12	1801MT2812	AJITKUMAR.T	Effect of fine particulate matter and NO <sub>x</sub> on human and wildlife
13	1801MT2813	BALAMURUGAN.G	A study on the reuse of air conditioner condensate
14	1801MT2814	DINESH .C	A study on sulfur reduction in coal-based thermal power plants



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**Department of Mechanical Engineering  
(2019-2020)  
Research Project**

**Participation in Bounded Research**

BATCH .NO	REG. NUMBER	NAME	PROJECT TITLE
1	1901MT2801	ABINESH. S	Fabrication of a pepper grinding machine
2	1901MT2802	DEVAN K	Fabrication of an industrial trolley
3	1901MT2803	JEYAKUMAR P	Risk and physical strain assessments of workers in engineering workshops
4	1901MT2804	MOHAMED RIYAZ M	Development and evaluation of domestic fish drying oven
5	1901MT2805	GOWDAM KUMAR K	Design and construction of standing freezer
6	1901MT2806	GOWRIKANTH .M	Construction of a diesel grain grinding machine
7	1901MT2807	VIJAY.N	Systems tune-up for Toyota Corolla
8	1901MT2808	ARAVINDHAN.S.P	Development of solar-powered deep freezer

  
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			freezer
9	1901MT2809	SATHISH KUMAR.K	Design and construction of a groundnut oil extractor
10	1901MT2810	MUKILAN BALA	Design and fabrication of a pedal operated groundnut stripper machine
11	1901MT2811	RAMU	Solar radiation estimate in northeast of Nigeria
12	1901MT2812	ABDULRAHMAN.S	Design and fabrication of corn sheller machine
13	1901MT2813	DEVAKUMAR.L	Metal fabrication of half moon office table
14	1901MT2814	ELAMARAN.M	Design and construction of a solar water heater for domestic use
15	1901MT2815	IMTHIAZ.M	Fabrication of a remote controlled hydraulic jack
16	1901MT2816	MOHAMED ISMAIL.S	Installation of split air conditioning
17	1901MT2817	MOHAMED SOFIYAN.RH	The maintenance of centrifugal flow bench in fluid mechanics
18	1901MT2818	MUKILAN.S	Fabrication of electrical popcorn machine



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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 : M. Ram Kumar
- Register No. : 1801MT2007
- Programme & Branch : M.Tech - MFT Batch: 2019-20 Semester: II

#### II. Faculty Advisor Details

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

#### III. Details of Research Related Task Allotted:

##### i. Description of Research Related Task

TO Some metals can be corrosiveness to clean the surface by using Milling Machine.

ii. Date of Allotment of the Task:

16/6/19

iii. Due Date Proposed for Completion of Task:

30/6/19

Signature of the Student:

Signature of the Faculty Advisor

Date: 30/6/19

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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 : M. Ram Kumar
- Register No. : 1801 MT 2007
- Programme & Branch : M.Tech - MFT Batch: 2019 - Semester: II  
2020

#### II. Faculty Advisor Details

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


#### III. Details of the Task Undertaken:

- Details of the Task: Convex Surface Milling Machine
- Date of Allotment of the Task: 11/6/19
- Date of Completion of the Task: 30/6/19

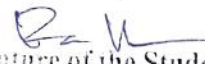

#### IV. Declaration of the Student

I, Ram Kumar, a student of M.Tech - MFT Programme (Reg.No. 1801 MT 2007), hereby declare that I have completed the Research Related Task "CONVEX Surface Milling Machine"

upto the satisfaction of my Advisor and have submitted all related records to him on 30/6/19. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 30/6/19  
  
HOD

  
Faculty Advisor  
  
HOD

  
Signature of the Student  
  
DEAN



# 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. Ram Kumar
- Register No. : 1801 MT 2007
- Programme & Branch : M.Tech - MFT Batch: 2019 - Semester: II  
20

#### II. Faculty Advisor Details

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

#### III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Convex Surface milling machine

ii. Date of Allotment of the Task:

1/6/18

iii. Date of Completion of the Task:

30/6/18

Task:

#### IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. Ram Kumar, a bonafide student of M.Tech - MFT

(Reg No 1801 MT 2007), who has been allotted a Research Related Task "Convex Surface milling machine" on

1/6/18, has successfully completed the above mentioned task on 30/6/18 to my satisfaction and has submitted all task completion related records to me.

Date: 30/6/18  
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Signature of the Faculty Advisor

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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 : Kaleemullah A
- Register No. : 1801MT2017
- Programme & Branch : M.Tech-MFT Batch: 2019-2020 Semester: (1)

#### II. Faculty Advisor Details

- Name of the Faculty Advisor : R. Basikaran
- Designation: AP Department: Mech

#### III. Details of Research Related Task Allotted:

##### i. Description of Research Related Task

My mobile phone is very useful to wireless charging

ii. Date of Allotment of the Task:

1/6/19

iii. Due Date Proposed for Completion of Task:

30/6/19

Signature of the Student:

Signature of the Faculty Advisor

Date:

30/6/19

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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 : Kaleemullah. A
- Register No. : 1801MT2017
- Programme & Branch : M.Tech-MFT Batch: 2017- Semester: II  
2020

#### II. Faculty Advisor Details

- Name of the Faculty Advisor : R. Baskaran
- Designation: AP Department: Mech

#### III. Details of the Task Undertaken:

i. Details of the Task:

Solar power bank with wireless charging

ii. Date of Allotment of the Task:

11/6/19

iii. Date of Completion of the

30/6/19

Task:

#### IV. Declaration of the Student

I, A. Kaleemullah a student of M.Tech-MFT Programme (Reg.No. 1801MT2017), hereby declare that I have completed the Research Related Task "Solar power bank with wireless charging"


upto the satisfaction of my Advisor and have submitted all related records to him on 30/6/19. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 30/6/19

  
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Faculty Advisor  
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Signature of the Student

  
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## Student Participation in Bounded Research

### Certification for Research Related Task Completion

#### I. Student Details

- Name of the Student : Kaleemullah . A
- Register No. : 1801MT2017
- Programme & Branch : M.Tech - MFT Batch: 2019 - Semester: II  
2020

#### II. Faculty Advisor Details

- Name of the Faculty Advisor : R. Baskaran
- Designation: AP Department: Mech

#### III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Solar power bank using wireless charging

ii. Date of Allotment of the Task:

11/6/19

iii. Date of Completion of the

30/6/19

Task:

#### IV. Certificate for Successful Completion of Task

This is to certify that Mr. M.A. Kaleemullah, a bonafide student of M.Tech - MFT

(Reg.No. 1801MT2017) who has been allotted a Research Related Task "Solar

power bank using wireless charging" on

11/6/19, has successfully completed the above mentioned task on 30/6/19 to my satisfaction and has

submitted all task completion related records to me.

Date: 30/6/19

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Signature of the Faculty Advisor

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# **MECHANICAL PICK & PLACE MECHANISM**

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

Submitted By

**S.REVANTH     1801MT2003**

Under the Guidance of

**Mr. P.VIJAYAKUMAR**



**SCHOOL OF ENGINEERING AND TECHNOLOGY  
DEPARTMENT OF MECHANICAL ENGINEERING**

**VALLAM THANJAVUR – 613403**

**NOVEMBER - 2020**

# 360 DEGREE ROTATING FIRE PROTECTION SYSTEM

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

Submitted By

**M.RAM KUMAR 1801MT2007**

Under the Guidance of

**Mr. J.RAJESH**



SCHOOL OF ENGINEERING AND TECHNOLOGY  
DEPARTMENT OF MECHANICAL ENGINEERING  
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NOVEMBER - 2020



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**School Of Engineering And Technology**  
**Department of ECE**  
**Academic Year -2019-20**

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

S.No	Student Name	Program Name	Register Number
1.	PRABAKARAN. S	B.TECH (ECE) FT	1701EC1001
2.	BALAJI.A	B.TECH (ECE) FT	1701EC1002
3.	ARUN RAJ.N	B.TECH (ECE) FT	1701EC1003
4.	KUMAR.B	B.TECH (ECE) FT	1701EC1004
5.	SHAKUL HAMEED.S	B.TECH (ECE) FT	1701EC1005
6.	MOHD ANSARUDEEN. A	B.TECH (ECE) FT	1701EC1006
7.	AMRESH KUMAR	B.TECH (ECE) FT	1701EC1007
8.	S.DHARANI	B.TECH (ECE) FT	1801EC1501
9.	S.KEERTHANA	B.TECH (ECE) FT	1801EC1502
10.	K.SHALINI	B.TECH (ECE) FT	1801EC1503
		B.TECH (ECE) FT	1801EC1504

**Head Of the Department**  
**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**  
**Vallam, Thanjavur - 613 403.**

12.	MAHARAJA M.	M.TECH (COS) PT	1901CO2801
13.	SENTHIL K	M.TECH (COS) PT	1901CO2802
14.	VIGNESH R	M.TECH (COS) PT	1901CO2803
15.	MARYPRABHA K.	M.TECH (COS) PT	1901CO2804
16.	SUGANYA T.	M.TECH (COS) PT	1901CO2805
17.	SHOBANA H.	M.TECH (COS) PT	1901CO2806
18.	SUSHEELA P.	M.TECH (COS) PT	1901CO2807
19.	OVIYA K.	M.TECH (COS) PT	1901CO2808
20.	KALAIHELVI D.	M.TECH (COS) PT	1901CO2809
21.	JAYARAM GANESH S.	M.TECH (COS) PT	1901CO2810
22.	AADHITYAA L.	M.TECH (COS) PT	1901CO2811
23.	RAVIKISHORE S.	M.TECH (COS) PT	1901CO2812
24.	SUMANGALI V.	M.TECH (COS) PT	1901CO2813
25.	ANBU JESSIMARIYA A.	M.TECH (COS) PT	1901CO2814

*Smithy*  
 Head of the Department  
 Department of Electronics and  
 Communication Engineering  
 Ponnaiyah Ramajayam Institute of  
 Science & Technology (PRIST)  
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*[Signature]*  
 DEAN  
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 Science and Technology (PRIST)  
 Deemed to be University  
 Vailam, Thanjavur-613 403.

26.	NAKULAN T.	M.TECH (COS) PT	1901CO2815
27.	THIYAGASANKARI M.	M.TECH (COS) PT	1901CO2816

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

*smitha*  
 HOD/ECE

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)  
 VANDI, THANJAVUR - 613 403, TAMIL NADU.

*smitha*

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)  
 VANDI, THANJAVUR - 613 403, TAMIL NADU.

*Smitha*  
 DEAN  
 School of Engineering and Tech.  
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 under Section 3 of the UGC Act, 1956)  
 VANDI, 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. PRABAKARAN. S
- Register No. : 17DIECI001
- Programme & Branch : B.Tech / ECE Batch: Semester: V  
17-21

#### II. Faculty Advisor Details

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

#### III. Details of Research Related Task Allotted:

##### i. Description of Research Related Task

Fabrication of solar seed dryer.

ii. Date of Allotment of the Task:

11/6/2019

iii. Due Date Proposed for Completion of Task:

30/6/2019

S. Prub  
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  
under Section 3 of the UGC Act, 1956)  
VALLAM - 613 403, TAMIL NADU.

Date: 11/6/2019

S. Prub  
HOD

A. Amudha  
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 : S. Prabakaran
Register No. : 17DIECI001
Programme & Branch : B.Tech/ECE Batch: 17-21 Semester: V

II. Faculty Advisor Details

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

III. Details of the Task Undertaken:

i. Details of the Task:

Fabrication of solar seed dryer.

ii. Date of Allotment of the Task:

11/6/2019

iii. Date of Completion of the Task:

30/6/2019

IV. Declaration of the Student

I, S. Prabakaran, a student of B.Tech Programme (Reg.No. 17DIECI001), hereby declare that I have completed the Research Related Task "Fabrication of solar seed dryer."

upto the satisfaction of my Advisor and have submitted all related records to him on 30/6/2019. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 30/6/2019

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.

Faculty Advisor
A. Amudha

Signature of the Student
S. Prabu

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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*

### Certification for Research Related Task Completion

#### I. Student Details

- Name of the Student : S. Prabhakaran
- Register No. : 17DIECI001
- Programme & Branch : B.Tech/ECE Batch: 17-21 Semester: V

#### II. Faculty Advisor Details

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

#### III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Fabrication of Solar Seed dryer.

ii. Date of Allotment of the Task:

11/6/2019

iii. Date of Completion of the

30/6/2019

Task:

#### IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. S. Prabhakaran, a bonafide student of B. Tech / ECE

(Reg.No. 17DIECI001) who has been allotted a Research Related Task “

Fabrication of Solar seed dryer.” on

11/6/2019 has successfully completed the above mentioned task on 30/6/2019 to my satisfaction and has

submitted all task completion related records to me.

Date: 30/6/2019  
A. Amudha  
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  
VALLAM, THANJAVUR - 613 403.

A. Amudha  
HOD

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A. Amudha  
Signature of the Faculty Advisor  
A. Amudha  
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 : MAHARAJA, M.
- Register No. : 190102801
- Programme & Branch : CS M.Tech Batch: 19-21 Semester: II

#### II. Faculty Advisor Details

- Name of the Faculty Advisor : SMITHA ELSA PETER
- Designation: Professor Department: CS

#### III. Details of the Task Undertaken:

i. Details of the Task:

Automation pumping station

ii. Date of Allotment of the Task:

11/6/2019

iii. Date of Completion of the Task:

30/6/2019

#### IV. Declaration of the Student

I, MAHARAJA M, a student of CS - M.Tech Programme (Reg.No. 190102801), hereby declare that I have completed the Research Related Task " Automation in pumping station using PLC + SCADA. "

upto the satisfaction of my Advisor and have submitted all related records to him on 30/6/2019. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 01/6/2019

m. maharaja  
Signature of the Student

Smitha Elsa Peter  
Faculty Advisor  
HOD

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

Smitha Elsa Peter  
Head of the Department  
Department Of Electronics and Communication Engineering  
Ponnaiyah Ramajayam Institute of Science & Technology (PRIST)  
Institution Deemed to be University  
3 of the UGC Act, 1956  
VALLAM, THANJAVUR - 613 003, 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 : MAHARAJA.M.
- Register No. : 1901C02801.
- Programme & Branch : CS-M.TECH Batch: Semester: II  
19-21

#### II. Faculty Advisor Details

- Name of the Faculty Advisor : SMITHA ELSA PETER.
- Designation: Professor Department: CS.

#### III. Details of Research Related Task Allotted:

##### i. Description of Research Related Task

Automation pumping station

ii. Date of Allotment of the Task:

11/6/2019

iii. Due Date Proposed for Completion of Task:

30/6/2019

M. Mahalingam Smitha  
Signature Head of the Department  
Department Of Electronics and  
Communication Engineering  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST)  
Institution Deemed to be University  
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Date: 24/6/2019

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HOD

Smitha  
Signature of the Faculty Advisor  
DEAN  
School of Engineering and Tech.  
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Science and Technology (PRIST)  
Deemed to be University  
Vallam, Thanjavur-613,03.



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. Mahasaja.
Register No. : 190102801
Programme & Branch : CS-M.Tech Batch: 19-21 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : SMITHA ELSA PETER
Designation: Professor Department: CS

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Automation on pumping station

ii. Date of Allotment of the Task:

11/6/2019

iii. Date of Completion of the

30/6/2019

Task: Automation in pumping station

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. M. Mahasaja, a bonafide student of Communication systems

(Reg.No. 190102801) who has been allotted a Research Related Task

Automation in pumping station using in PLC. on 11/6/19, has successfully completed the above mentioned task on 30/6/2019 to my satisfaction and has submitted all task completion related records to me.

Date: 30/6/2019
Head of the Department
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

HOD
Signature
28

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



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**School Of Engineering And Technology**  
**Department of ECE**  
**Academic Year -2019-20**

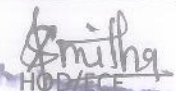
**1.3.3 Percentage of Programs that have components of Participation in Design Socio - Technical Project**

S.No	Student Name	Program Name	Register Number
1.	ARULMOZHI .G	M.TECH (COS) FT	1801CO2001
2.	KARTHIKEYAN .S	M.TECH (COS) FT	1801CO2002
3.	KARTHIK .P	M.TECH (COS) FT	1801CO2003
4.	AGNEL NAVIN .P	M.TECH (COS) FT	1801CO2004
5.	KERLIN SARA WILSON	M.TECH (COS) FT	1801CO2005
6.	BAKKIYARAJ .D	M.TECH (COS) FT	1801CO2006
7.	GURUBARAN .M	M.TECH (COS) FT	1801CO2007
8.	HARANI G.	M.TECH (COS) FT	1801CO2008
9.	BASHIRUNISHA S	M.TECH (COS) FT	1801CO2009
10.	SUGUMAR S.	M.TECH (COS) FT	1801CO20010
	<b>Head Of the Department</b> <b>Department Of Electronics and</b> <b>Communication Engineering</b> SANDHEEP KUMAR K	<b>M.TECH (COS) FT</b> <b>DEAN</b> <b>School of Engineering and Tech</b>	1801CO20011

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"s 3 of the UGC Act.1956)  
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**Science and Technology (PRIST)**  
**Deemed to be University (PRIST)**  
Vallam, Thanjavur - 613 403.  
THANJAVUR - 613 403, TAMIL NADU.

12.	NITHIYA K	M.TECH (COS) FT	1801CO20012
13.	RAMAMOORTHY R	M.TECH (COS) FT	1801CO20013
14.	SHEIK HASAN P	M.TECH (COS) FT	1801CO20014
15.	RAJAVEL P	M.TECH (COS) FT	1801CO20015
16.	PRATHAPAN M	M.TECH (COS) FT	1801CO20016
17.	AGILAN M	M.TECH (COS) FT	1801CO20017
18.	RAJKUMAR P	M.TECH (COS) FT	1801CO20018
19.	BHARATHI R	M.TECH (COS) FT	1801CO20019
20.	MEENA DEVI R	M.TECH (COS) FT	1801CO20020
21.	AMUTHA C	M.TECH (COS) FT	1801CO20021

  
 HOD/ECE  
 Department of Electronics and  
 Communication Engineering  
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 Head Of the Department  
 Department Of Electronics and  
 Communication Engineering  
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**School Of Engineering And Technology**  
**Department of ECE**  
**Academic Year -2019-20**

**1.3.3 Percentage of Programs that have components of Research project**

S.No	Student Name	Program Name	Register Number	Title Of Project
1.	ARULMOZHI .G	M.TECH (COS) FT	1801CO2001	A Survey and Tutorial of Electromagnetic Radiation and Reduction in Mobile Communication Systems
2.	KARTHIKEYAN .S	M.TECH (COS) FT	1801CO2002	Robust Automated VHF Modulation Recognition Based on Deep Convolutional Neural Networks
3.	KARTHIK .P	M.TECH (COS) FT	1801CO2003	Resource Allocation in Cognitive Underlay System With Uncertain Interference Channel's Statistics
4.	AGNEL NAVIN .P	M.TECH (COS) FT	1801CO2004	Power-Efficient Communication in UAV-Aided Wireless Sensor Networks
5.	KERLIN SARA WILSON	M.TECH (COS) FT	1801CO2005	Performance Analysis of Sequential Detection of Primary User Number Based on Multihypothesis Sequential Probability Ratio Test
6.	BAKKIYARAJ .D	M.TECH (COS) FT	1801CO2006	Performance Analysis of a New Calibration Method for Fiber Nonlinearity Compensation
7.	GURUBARAN .M	M.TECH (COS) FT	1801CO2007	Optimum Monthly Based Selection of Ground Stations for Optical Satellite Networks
8.	HARANI G. SMITHA	M.TECH (COS) FT	1801CO2008	Noisy Gradient Descent Bit-Flipping Decoder Based on Adjustment Factor for LDPC Codes
9.	BASHIRUNNISA	M.TECH (COS) FT	1801CO2009	New Bound on Partial Hamming Correlation of Low-Hit-Zone Frequency Hopping Sequences and

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				Optimal Constructions
10.	SUGUMAR S.	M.TECH (COS) FT	1801CO20010	New Automatic Modulation Classifier Using Cyclic-Spectrum Graphs With Optimal Training Features
11.	SANDEEP KUMAR K	M.TECH (COS) FT	1801CO20011	MIMO Techniques for Carrierless Amplitude and Phase Modulation in Visible Light Communication
12.	NITHIYA K	M.TECH (COS) FT	1801CO20012	Maximum Likelihood Decoding for Gaussian Noise Channels With Gain or Offset Mismatch
13.	RAMAMOORTHY R	M.TECH (COS) FT	1801CO20013	LAW: A Novel Mechanism for Addressing Hidden Terminal Problem in LTE-U and Wi-Fi Networks
14.	SHEIK HASAN P	M.TECH (COS) FT	1801CO20014	Interference Prediction in Partially Loaded Cellular Networks Using Asymmetric Cost Functions
15.	RAJAVEL P	M.TECH (COS) FT	1801CO20015	Improved Low-Complexity Sphere Decoding for Generalized Spatial Modulation
16.	PRATHAPAN M	M.TECH (COS) FT	1801CO20016	Improved Companding Transform for PAPR Reduction in ACO-OFDM-Based VLC Systems
17.	AGILAN M	M.TECH (COS) FT	1801CO20017	Impact of RF-Switch Insertion Loss on the Performance of Space Modulation Techniques
18.	RAJKUMAR P	M.TECH (COS) FT	1801CO20018	Hybrid Satellite Terrestrial Relay Networks With Cooperative Non-Orthogonal Multiple Access
19.	BHARATHI R	M.TECH (COS) FT	1801CO20019	Hybrid Phased-MIMO Radar: A Novel Approach With Optimal Performance Under Electronic Countermeasures
20.	MEENA DEVI R	M.TECH (COS) FT	1801CO20020	Generalized Nested Array: Optimization for Degrees of Freedom and Mutual Coupling
21.	AMUTHA S	M.TECH (COS) FT	1801CO20021	Finite-Length Analysis of Irregular Repetition Slotted ALOHA in the Waterfall Region

*Smitha*  
Head Of the Department  
Department Of Electronics and  
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(Institution Deemed to be University  
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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.

**ROBUST AUTOMATED VHF MODULATION RECOGNITION BASED ON DEEP  
CONVOLUTIONAL NEURAL NETWORKS**

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

**KARTHIKEYAN .S (Register No: 1801CO2002)**

Under the Guidance of

**Dr. P.GEETHA, PhD.,**

Department of ECE



**FACULTY OF ENGINEERING AND TECHNOLOGY  
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
PRIST UNIVERSITY  
THANJAVUR – 613 403.  
MAY - 2020**

**ROBUST AUTOMATED VHF MODULATION RECOGNITION BASED ON DEEP  
CONVOLUTIONAL NEURAL NETWORKS**

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

**KARTHIKEYAN .S (Register No: 1801CO2002)**

Under the Guidance of

**Dr. P.GEETHA, PhD.,**

Department of ECE



**FACULTY OF ENGINEERING AND TECHNOLOGY  
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
PRIST UNIVERSITY  
THANJAVUR – 613 403.  
MAY - 2020**

# **POWER-EFFICIENT COMMUNICATION IN UAV-AIDED WIRELESS SENSOR NETWORKS**

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

**AGNEL NAVIN .P (Register No: 1801CO2004)**

Under the Guidance of

**Mr. S. Maheshwaran, M.E.,**

Assistant Professor

Department of ECE



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

**PRIST UNIVERSITY  
THANJAVUR – 613 403.**

**MAY - 2020**

**NOISY GRADIENT DESCENT BIT-FLIPPING DECODER BASED ON ADJUSTMENT  
FACTOR FOR LDPC CODES**

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

**HARANI G. (Register No: 1801CO2008)**

Under the Guidance of

**Mr. S. T. Divya manohari, M.E.,**

Assistant Professor

Department of ECE



**FACULTY OF ENGINEERING AND TECHNOLOGY  
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
PRIST UNIVERSITY  
THANJAVUR – 613 403.  
MAY - 2020**

**A Survey and Tutorial of Electromagnetic Radiation and  
Reduction in Mobile Communication Systems**

**Submitted as partial fulfilment of the requirements for the award of the degree of  
Master of Technology in Communication Systems**

**PHASE II PROJECT REPORT**

**Submitted By**

**ARULMOZHI.G (Register no:1801CO2001)**

**Under the Guidance of**

**Dr. SMITHA ELSA PETER., Ph.D**



**FACULTY OF ENGINEERING AND TECHNOLOGY**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION**

**PRIST UNIVERSITY**

**THANJAVUR - 613 403**

**MAY-2020**

Smart Road Safety and Vehicle Accident Prevention  
System for Mountain roads

**DESIGN / SOCIO-TECHNICAL PROJECT**

**Submitted By**

ARULMOZHI.G (Register no:1801CO2001)

KARTHIKEYA.S(Register no:1801CO2002)

KARTHIK.P(Register no:1801CO2003)

**Under the Guidance of**

A. AARTHI ., M.E.,

**Assistant Professor**

In the partial fulfillment for the award of the degree of

**MASTER OF TECHNOLOGY IN COMMUNICATION SYSTEMS**

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

FACULTY OF ENGINEERING AND TECHNOLOGY

THANJAVUR- 613403

DEC-2019

# **HOME AIR QUALITY MONITORING SYSTEM PROJECT**

## **DESIGN/SOCIO-TECHNIAL PROJECT**

Submitted By

**AGNEL NAVIN .P (Register No: 1801CO2004)**

**KERLIN SARA WILSON (Register No: 1801CO2005)**

**BAKKIYARAJ .D (Register No: 1801CO2006)**

Under the Guidance of

**Dr. S. Devi, PhD.,**

Department of ECE

In the partial fulfillment for the award of the degree of

## **MASTER OF TECHNOLOGY IN COMMUNICATION SYSTEMS**



**FACULTY OF ENGINEERING AND TECHNOLOGY**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**PRIST UNIVERSITY**

**THANJAVUR – 613 403.**

DEC - 2019



**AUTO BABY CRY DETECTOR SLEEP MUSIC PLAYER PIC  
DESIGN/SOCIO-TECHNIAL PROJECT**

Submitted By

**GURUBARAN .M (Register No: 1801CO2007)**

**HARANI G. (Register No: 1801CO2008)**

**BASHIRUNISHA S (Register No: 1801CO2009)**

Under the Guidance of

**Dr. A. Rijuvana begum**

Department of ECE

In the partial fulfillment for the award of the degree of

**MASTER OF TECHNOLOGY IN COMMUNICATION SYSTEMS**



**FACULTY OF ENGINEERING AND TECHNOLOGY**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**PRIST UNIVERSITY**

**THANJAVUR – 613 403.**

DEC - 2019



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THANJAVUR - 613 403 - TAMIL NADU

**SCHOOL OF ENGINEERING AND TECHNOLOGY**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**1.3.3 Research Projects**

**2019-2020**

**Head of the Department**  
**Electrical and Electronics Engineering**  
Ponnaiyah Ramalayam Institute of  
Science and Technology (PRIST)  
University

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

1.3.3 List of students undertaking Research projects 2019-2020

S.NO	PROGRAM NAME	REGISTRERNO	NAME OF THE STUDENT	TITLE OF THE PROJECT
1	M.TECH FT	1801PS2001	DEEPIKA J	Adaptive Droop with Stability Constraints for Power Sharing in AC-MTDC Grids
2	M.TECH FT	1801PS2002	HARIPRASATH .S	A Load Fluctuation Model for Multi-Region Power Systems Based on Data
3	M.TECH FT	1801PS2003	KASIRAJAN .S	Hybrid ACDC Microgrids: A Two-Layer Control Scheme for Maintaining Frequency Voltage and Optimal Economic Operation
4	M.TECH FT	1801PS2004	MONICA VINCEE JESSIA.A	Critical Load Restoration for a Resilient Power Distribution System Using Distributed Energy Resources
5	M.TECH FT	1801PS2005	RAMPRASATH.P	High step-up dc-dc converter with zero voltage switching techniques
6	M.TECH FT	1801PS2006	SAMINATHAN .S	In AC Power Systems With Uncertain Generation, Distributed Stochastic Reserve Scheduling
7	M.TECH FT	1801PS2007	GUNASEELAN S	Estimation of Fault Current in Multi-Terminal HVdc Grids with MMC Control
8	M.TECH FT	1801PS2008	RAJ KUMAR R T	Power System Reliability Forecasting Using Modified Weibull Distribution Models
9	M.TECH FT	1801PS2009	ARVIND T	Optimal Dispatch of a Coupled Electricity and Heat System with Self-Storage Thermal Energy
10	M.TECH FT	1801PS2010	ARUN KUMAR V	HESS in a Medium Voltage DC System: A Novel Virtual Resistor and Capacitor Droop Control
11	M.TECH FT	1801PS2011	AJEETH KUMAR V	A multilevel transformerless inverter with a ground connection between the PV negative and positive terminals.
12	M.TECH FT	1801PS2012	BALAJI B	An Inverter-based Distributed Generator Islanding Detection Method
13	M.TECH FT	1801PS2013	SATHISH GOWTHAM P	Controlling and Managing the Power of a Grid-Connected and Tech.

Head of the Department  
 Electrical and Electronics Engg  
 Ponnaiyah Ramaiyayam Institute of  
 Science and Technology (PRIST)

*[Signature]*  
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 Science and Technology (PRIST)  
 Ponnaiyah Ramaiyayam Institute of  
 Science and Technology (PRIST)  
 Ponnaiyah Ramaiyayam Institute of  
 Science and Technology (PRIST)

1.3 List of students undertaking Research / Design Project / Socio Technical Project  
2019-2020

SNO	PROGRAM NAME	REGISTRAR NO	NAME OF THE STUDENT		TITLE OF THE PROJECT
1	MTECH FT	1801PS2001	DEEPIKA J	Research projects	
2	MTECH FT	1801PS2002	HARIPRASATH S		
3	MTECH FT	1801PS2003	KASIRAJAN S		
4	MTECH FT	1801PS2004	MONICA VINCEE JESSIA A	Design Project / Socio Technical Project	Induction motor drives with direct torque control and feedback linearization
5	MTECH FT	1801PS2005	RAMPRASATH P		
6	MTECH FT	1801PS2006	SAMINATHAN S		
7	MTECH FT	1801PS2007	GUNASEELAN S	Design Project / Socio Technical Project	Voltage Level and Stability Estimation, Control, and Prediction at the Receiving Node
8	MTECH FT	1801PS2008	RAJ KUMAR R T		
9	MTECH FT	1801PS2009	ARVIND T		
10	MTECH FT	1801PS2010	ARUN KUMAR V		
11	MTECH FT	1801PS2011	AJEETH KUMAR V	Design Project / Socio Technical Project	Infrastructure for improved energy storage management and PV-active power control
12	MTECH FT	1801PS2012	BALAJI B		
13	MTECH FT	1801PS2013	SATHISH GOWTHAM P		
14	MTECH FT	1801PS2014	BARATHKUMAR E	Design Project / Socio Technical Project	Boost to the max Controlling a Diode-assisted Buck boost Voltage Source Inverter with the Fewest Number of Diodes
15	MTECH FT	1801PS2015	PALANIKUMAR C		
16	MTECH FT	1801PS2016	HARIKUMAR U		
17	MTECH FT	1801PS2017	NITHISH K		
18	MTECH FT	1801PS2018	ASHWIN S		
19	MTECH FT	1801PS2019	KALAIIVANAN K		
20	MTECH FT	1801PS2020	MAHALINGAM R	Design Project / Socio Technical Project	Current Source Inverter with Multiple Levels
21	MTECH FT	1801PS2021	KALAIYARASAN K		
			RAJESH G	Participation in Bounded Research	Under Continuous Time Model Predictive Control, Offset Free Direct Power Control of PFC
			SELVARASAN B	Participation in Bounded Research	School of Engineering and Tech Sri Ramakrishna Engineering College Palayamkottai
			SIVA PAKKIAM P	Participation in Bounded Research	Impact of Renewable Energy on Power Quality Circuit Breaker in Distribution System
			VEERAKUMAR C	Participation in Bounded Research	Control and Modulation of a Solar Photo-Voltaic Hybrid System Modulation and Control of Transformerless UPFC

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**Electrical and Electronics Engineering**  
**Ponnaiyah Ramaiyem Institute of**  
**Science & Technology**  
**Palayamkottai**  
**University**  
**Palayamkottai**  
**Tamil Nadu**

*P. Anuj*

*gaurav*

26.	MTECH FT	1901PS2005	DHASARATHARAJAN S	Participation in Bounded Research	Low-Power Energy Conversion Systems with Two-Phase PM Machine and a Rectifier with Reduced Number of Controlled Switches
27.	MTECH FT	1901PS2006	MUGUNTHAN B	Participation in Bounded Research	Autonomous PV-Array Excited Wind-Driven Induction Generator for off grid Application in India
28.	MTECH FT	1901PS2007	RAMESH BABU C	Participation in Bounded Research	A Power Quality Improved Bridgeless Converter Based Computer Power Supply
29.	MTECH FT	1901PS2008	MARIMUTHU T	Participation in Bounded Research	Integration of Wind Power and Wave Power Generation Systems Using a DC Micro grid
30.	MTECH FT	1901PS2009	SIVARANJINI R	Participation in Bounded Research	Asymmetric Fault Ride through Capability Enhancement of DFIG Based Variable Speed Wind Generator by DC Resistive Fault Current Limiter and Power Factor Correction
31.	MTECH FT	1901PS2010	SUGILRAJ M	Participation in Bounded Research	Autonomous Coordination of Multiple PV/Battery Hybrid Units in Islanded Micro grids
32.	MTECH FT	1901PS2011	NITHISH KUMAR K M	Participation in Bounded Research	A Decentralized Control Strategy for Economic Operation of Autonomous AC, DC and Hybrid AC/DC Micro grids
33.	MTECH FT	1901PS2012	UDHYANITHI S	Participation in Bounded Research	Simultaneous Microgrid Voltage and Current Harmonics Compensation Using Coordinated Control of Dual-Interfacing-Converters
34.	MTECH FT	1901PS2013	RAMESH BABU C	Participation in Bounded Research	Multidimensional droop control for wind resources in dc micro grids
35.	MTECH FT	1901PS2014	MARIVAPPAN T	Participation in Bounded Research	Simulation and Control of Solar Wind Hybrid Renewable Power System
36.	MTECH FT	1901PS2015	SIVARAN R	Participation in Bounded Research	Control and Implementation of a Standalone Solar Photo-Voltaic Hybrid System
37.	MTECH FT	1901PS2016	SUGILRAJ N	Participation in Bounded Research	Ride-through strategy of quasi-Z-source wind power generation system under asymmetric grid voltage fault
<b>Head of the Department</b> Electrical and Electronics Engineering Pdnanayah Ramalayam Institute of Science & Technology (PRIST) (Institution Deemed to be University) U-64B of P. O. Ramalayam, Salem - 641340 THANJAVUR - VIT VITV (Private) Navur					
41.		1901PS2020	SUDHAKAR T	Participation in Bounded Research	An Adaptive Power Oscillation Damping Controller by STATCOM With Energy Storage DC-link Control Ripple Reduction Coordinated Distributed Frequency Control Farms

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 Electrical and Electronics Institute of  
 Ramaiyavaram (PRIST)  
 Ponnaiyandi, Ramaiyavaram, Kallakudi, Tamil Nadu  
 Science & Technology  
 Institute of  
 Distance Education  
 of 1983  
 TRAIANJIA

42.	MTECH FT	1901PS2021	AATHIRAN L	Participation in Bounded Research	Analysis and active damping of multiple high frequency resonances in DFIG systems
43.	MTECH PT	1801PS2801	AKBAR ALI .A		
44.	MTECH PT	1801PS2802	ALAGESAN V		
45.	MTECH PT	1801PS2803	AMUL RAJ .M.A	Design Project / Socio	Research on Control of Non-Ideal Permanent Magnet Brushless Motor in view of Torque Ripple Minimization
46.	MTECH PT	1801PS2804	AMUTHAINEBBAN .S.V	Technical Project	
47.	MTECH PT	1801PS2805	ANTHONIRAJ .M		
48.	MTECH PT	1801PS2806	ARUN B		
49.	MTECH PT	1801PS2807	ASHOKKUMAR .C	Design Project / Socio	Maximum Power Point Tracking in Grid Connected Wind Plant by using Intelligent Controller and Switched Reluctance Generator
50.	MTECH PT	1801PS2808	BASKARAN .A	Technical Project	
51.	MTECH PT	1801PS2809	KANIMOZHI .R		
52.	MTECH PT	1801PS2810	KARTHIKEYAN .R		
53.	MTECH PT	1801PS2811	MALARVANNAN .J	Design Project / Socio	Ac-Dc-Ac Single-Phase Multilevel Six-Leg Converter with Reduced Number of Controlled Switches
54.	MTECH PT	1801PS2812	MATHIAZHAGAN .A	Technical Project	
55.	MTECH PT	1801PS2813	MATHIVANAN .J		
56.	MTECH PT	1801PS2814	MOHANRAJ .S		
57.	MTECH PT	1801PS2815	NALLAIYAN .S	Design Project / Socio	A New Harmonic Reduced 3-phase Thyristor Controlled Reactor for Static VAR Compensators
58.	MTECH PT	1801PS2816	RAJANEELAMEGAM .B	Technical Project	
59.	MTECH PT	1801PS2817	RAMESH .KR		
60.	MTECH PT	1801PS2818	RAMESH KUMAR .J		
61.	MTECH PT	1801PS2819	SANKAR .M	Design Project / Socio	Analysis of Grid-Connected Photovoltaic System Using PSIM
62.	MTECH PT	1801PS2820	SEKAR .M	Technical Project	
63.	MTECH PT	1801PS2821	SENTHILKUMAR .K		
64.	MTECH PT	1801PS2822	SITHIVINAYAGAM .S		
	MTECH PT	1801PS2823	SRIDHAR SARAIVANATHAVAN .N	Design Project / Socio	Design of a Current Harmonic Detector Method Applied in Photovoltaic Inverter with Auxiliary Service Capability
	MTECH PT	1801PS2824	THIVAGARAJAN .K	Technical Project	
	MTECH PT	1901PS2801	KESAVAN.P	Participation in Bounded Research	Optimal Energy Management and Tech School of Engineering and Tech Ponnaiyandi Ramaiyavaram Institute of Science and Technology
	MTECH PT	1901PS2802	VISNUM	Participation in Bounded Research	APF for the <del>Deleted to be University</del> <b>Valign: Thiruvur-613 403</b>
	MTECH PT	1901PS2803	GOMATHI	Participation in Bounded Research	Vector controlled <del>Deleted to be University</del> <b>Valign: Thiruvur-613 403</b>
	MTECH PT	1901PS2804	MENAKA.J	Participation in Bounded Research	A High Performance Induction Motor Drive System Using Fuzzy Logic Controller

DEAN  
*[Signature]*

71.	MTECH PT	1901PS2805	PRASANNA DEVI .R	Participation in Bounded Research	Study and Implementation of a High Gain Bidirectional DC-DC Converter for Photovoltaic On Grid Systems
72.	MTECH PT	1901PS2806	ABUDUL KHADARA	Participation in Bounded Research	Implementation and Control of an Hybrid Multilevel Converter with Floating DC-links for Current Waveform Improvement
73.	MTECH PT	1901PS2807	SIVAKUMAR	Participation in Bounded Research	Research on three-level state synchronous converter
74.	MTECH PT	1901PS2808	ARUL PRAKASH .P	Participation in Bounded Research	A New Quality Index to Measure the Impact of Voltage Harmonic Distortions and Unbalance to Three-Phase Induction Motors
75.	MTECH PT	1901PS2809	DINESH EBINEZER .M	Participation in Bounded Research	Study and Implementation of a High Gain Bidirectional DC-DC Converter for Photovoltaic On Grid Systems
76.	MTECH PT	1901PS2810	THARMARATCHAGAN	Participation in Bounded Research	Novel Three-Phase to Five-Phase Transformation Using a Special Transformer Connection
77.	MTECH PT	1901PS2811	R.YOGA BALAJI	Participation in Bounded Research	Power system stability improvement using energy storage with fuzzy logic controller
78.	MTECH PT	1901PS2812	C.CHITRA DEVI	Participation in Bounded Research	Multilevel inverter modulation schemes of eliminate common mode voltages
79.	MTECH PT	1901PS2813	K.DEVA SENA	Participation in Bounded Research	A New Optimal Current Control Technique for Dual Stator Winding Induction Generator
80.	MTECH PT	1901PS2814	R.SINDHUJA	Participation in Bounded Research	Loss Power Minimization Using Particle Swarm Optimization
81.	MTECH PT	1901PS2815	VIKNESHVARAN.M	Participation in Bounded Research	Indirect vector controlled induction motor drive with fuzzy logic based intelligent Controller
82.	MTECH PT	1901PS2816	VINOTH.R	Participation in Bounded Research	Shunt active filter for power quality improvement
83.	MTECH PT	1901PS2817	YUVASHREE.V*	Participation in Bounded Research	Circuit Configuration and Control of a Grid-tie Small-Scale Wind Generation System for Expanded Wind Speed Range
84.	MTECH PT	1901PS2818	ABDUL MOHASSITHA	Participation in Bounded Research	Singula-Phase AC-AC Converter
		1901PS2819	AHAMED IBRAHIM.M	Participation in Bounded Research	Quasi-Z-Source Topology
		1901PS2820	GANESH.A/	Participation in Bounded Research	armonic Mitigation in AC-DC DEAN's for Vector Control
		1901PS2821	HARIHARAN.R	Participation in Bounded Research	School of Engineering and Tech.
		1901PS2822	GOWTHAM K	Participation in Bounded Research	Application Guide for STATCOMs Model for STATCOMs Simulink implementation Dedicated to Dr. University Valiam, Thangar - 613 403.

Head of the Department  
Electrical and Electronics Engineering  
Ponnaiyah Ramalingam Institute of  
Science & Technology  
MTECH PT

P. Anuraj

Dean

# HYBRID ACDC MICROGRIDS: A TWO-LAYER CONTROL SCHEME FOR MAINTAINING FREQUENCY VOLTAGE AND OPTIMAL ECONOMIC OPERATION

RESEARCH PROJECT

Submitted By

KASIRAJAN .S (1801PS2003)

Under the Guidance of

Mr.M.ANAND

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 2019



# INDUCTION MOTOR DRIVES WITH DIRECT TORQUE CONTROL AND FEEDBACK LINEARIZATION

DESIGN / SOCIO TECHNICAL PROJECT

Submitted By

DEEPIKA .J	(1801PS2001)
HARIPRASATH .S	(1801PS2002)
KASIRAJAN .S	(1801PS2003)
MONICA VINCEE JESSIA.A	(1801PS2004)

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 2020

# **VOLTAGE LEVEL AND STABILITY ESTIMATION, CONTROL AND PREDICTION AT THE RECEIVING NODE**

**DESIGN / SOCIO TECHNICAL PROJECT**

**Submitted By**

**RAMPRASATH.P (1801PS2005)**

**SAMINATHAN .S (1801PS2006)**

**GUNASEELAN S (1801PS2007)**

**RAJ KUMAR R T (1801PS2008)**

**Under the Guidance of**

**Dr. P.RAMACHANDRAN**

**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 2020**

# INFRASTRUCTURE FOR IMPROVED ENERGY STORAGE MANAGEMENT AND PV-ACTIVE POWER CONTROL

DESIGN / SOCIO TECHNICAL PROJECT

Submitted By

ARVIND T	(1801PS2009)
ARUN KUMAR V	(1801PS2010)
AJEETH KUMAR V	(1801PS2011)
BALAJI B	(1801PS2012)
SATHISH GOWTHAM P	(1801PS2013)

Under the Guidance of

MRS.G.KRITHIGA

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 2020

# A LOAD FLUCTUATION MODEL FOR MULTI-REGION POWER SYSTEMS BASED ON DATA

RESEARCH PROJECT

Submitted By

HARIPRASATH .S      (1801PS2002)

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

MAY 2019

# **LOW-COST LPG LEAKAGE DETECTOR**

**RESEARCH PROJECT**

**Submitted By**

**AHALYA.R (211728201)**

**Under the Guidance of**

**Mr.M.ANAND**

**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 2019**



# 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 : SUBILRAJ, M.
- Register No. : 1901PS2010
- Programme & Branch : M.TECH EE Batch: A-20 Semester: II

#### II. Faculty Advisor Details

- Name of the Faculty Advisor : Mr. R. Elangovan.
- Designation: ASSISTANT PROFESSOR Department: EEE

#### III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

ELECTRIC SPRING FOR VOLTAGE AND POWER STABILITY AND POWER FACTOR CORRECTION

ii. Date of Allotment of the Task:

01/07/20

iii. Date of Completion of the

30/07/20

Task:

#### IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. SUBILRAJ, M., a bonafide student of M.TECH EE

(Reg.No. 1901PS2010) who has been allotted a Research Related Task "ELECTRIC SPRING

FOR VOLTAGE AND POWER STABILITY AND POWER FACTOR" on

, has successfully completed the above mentioned task on 31/07/19 to my satisfaction and has

submitted all task completion related records to me.

30/07/20  
Date  
Head of the Department  
Electrical and Electronics Engineering  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST)  
Institution Deemed to be University  
11% 3 of the UGC Act. 1956  
TANJAVUR - 613 403, TAMIL NADU

[Signature]  
HOD

[Signature]  
Signature of the Faculty Advisor

[Signature]  
DEAN  
School of Engineering and Tech  
Ponnaiyah Ramajayam Institute of  
Science and Technology (PRIST)  
Deemed to be University  
Tanjavur - 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 : SUBILRAT M
- Register No. : 1901PS2010
- Programme & Branch : M.TECH CPS Batch: 20 semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : Mr. R. Elangoran
- Designation: ASSISTANT PROFESSOR Department: EEE

III. Details of the Task Undertaken:

i. Details of the Task:

ELECTRIC SPRING FOR VOLTAGE AND POWER STABILITY & POWER FACTOR CORRECTION

ii. Date of Allotment of the Task:

01/07/19

iii. Date of Completion of the Task:

20/07/19

IV. Declaration of the Student

I, SUBILRAT M, a student of M.TECH CPS Programme (Reg.No. 1901PS2010) hereby declare that I have completed the Research Related Task "ELECTRIC SPRING FOR VOLTAGE & POWER STABILITY AND POWER FACTOR CORRECTION"

"upto the satisfaction of my Advisor and have submitted all related records to him on 30/07/19. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 30/07/19,

Elangoran  
Faculty Advisor  
HOD

Subilrat  
Signature of the Student

P. Anuj  
Head of the Department  
Electrical and Electronics 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

Subilrat  
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

### Research Related Task Allotment

#### I. Student Details

- Name of the Student : SUBILRAY.M.
- Register No. : 1901P22010
- Programme & Branch : H.TECH & PE Batch: 19-20 Semester: II

#### II. Faculty Advisor Details

- Name of the Faculty Advisor : Mr. R. Elangovan.
- Designation: ASSISTANT PROFESSOR Department: EEE

#### III. Details of Research Related Task Allotted:

i. Description of Research Related Task

Electric Supply and Voltage and Power  
Stability and Power factor Correction

- ii. Date of Allotment of the Task: 01/07/19
- iii. Due Date Proposed for Completion of Task: 30/07/19

Signature of the Student: *Subilray M.*  
 Head of the Department  
 Electrical and Electronics 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

Signature of the Faculty Advisor: *Elangovan*  
 Date: 02/07/19  
 HOD  
 DEAN  
 School of Engineering and Tech.  
 Ponnaiyah Ramajayam Institute of  
 Science and Technology (PRIST)  
 Deemed to be University  
 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 : GOWTHAM. K
- Register No. : 1901PS2822
- Programme & Branch : M.TECH & PS Batch: ~~19~~20 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : Mrs. G. KRITHIGA
- Designation: ASSISTANT PROFESSOR Department: EEE

III. Details of the Task Undertaken:

i. Details of the Task:

NEURAL NETWORK CONTROLLER FOR UPS APPLICATION

ii. Date of Allotment of the Task:

01/07/20

iii. Date of Completion of the Task:

30/07/20

IV. Declaration of the Student

I, GOWTHAM. K, a student of M.TECH & PS Programme (Reg.No. 1901PS2822) hereby declare that I have completed the Research Related Task "NEURAL N/W CONTROLLER FOR UPS APPLICATION"

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: 30/07/20

Faculty Advisor Signature

Signature of the Student

P. Anji Head of the Department Electrical and Electronics Engineering Ponnaiyah Ramajayam Institute of Science & Technology (PRIST) Institution Deemed to be University 1983 of the UGC Act. 1956 MAVALUR - 613 403, TAMIL NADU

DEAN School of Engineering and Tech. Ponnaiyah Ramajayam Institute of Science and Technology (PRIST) Deemed to be University Vailankanni, 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 : GOWTHAM. R
- Register No. : 1901PS2822
- Programme & Branch : M.Tech & PSI Batch: 21-20 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : Mrs - G. KRITHIGA
- Designation: ASSISTANT PROFESSOR Department: EEE

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

In UPS, Neural N/w Controller is applicable and Controlled.

ii. Date of Allotment of the Task: 01/07/2019

iii. Due Date Proposed for Completion of Task: 30/07/2019

Gowtham R
Signature of the Student:

G. Krithiga
Signature of the Faculty Advisor

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

Date: 01/07/2019
HOD

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Varam, 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 : GOWTHAM . K ,
- Register No. : 1901PS2822
- Programme & Branch : M.TECH E PS Batch: #920 Semester: II

#### II. Faculty Advisor Details

- Name of the Faculty Advisor : Mrs. G. KRITHIGA
- Designation: ASSISTANT PROFESSOR Department: EEE

#### III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

NEURAL NETWORK CONTROLLER FOR UPS APPLICATION,

ii. Date of Allotment of the Task:

01/07/2019

iii. Date of Completion of the

30/07/2019,

Task:

#### IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. K. GOWTHAM, a bonafide student of M.TECH & PS

(Reg.No. 1901PS2822) who has been allotted a Research Related Task "NEURAL NETWORK


CONTROLLER FOR UPS APPLICATION." on

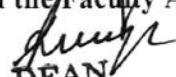
31/07/2019 has successfully completed the above mentioned task on 31/7/19, to my satisfaction and has

submitted all task completion related records to me.

Date: 31/07/2019  
 Head of the Department  
 Electrical and Electronics Engineering  
 Ponnaiyah Ramajayam Institute of  
 Science & Technology (PRIST)  
 Deemed to be University  
 UGC Act, 1956  
 Varam, 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  
 Varam, Thanjavur - 613 403.



**Department of Computer Science and Engineering**


**M.TECH (IT)**

**Academic Year 2019-2020**

**1.3.3 Percentage of Programs that have Components of Research Project**

S.NO	REGISTER NUMBER	NAME	Programme Name	Title of project
1.	1801ECS1601	RAJASEKAR.S	M.Tech(CSE-FT)	SIGN MODULATOR-SIGN LANGUAGE RECOGNITION USING DEEP LEARNING
2.	1801ECS1602	ARIVUSELVAN.R	M.Tech(CSE-FT)	DETECT AND PREVENT COUNTERFEIT PRODUCT FOR ONLINE AND OFFLINE SALES USING BLOCKCHAIN TECHNOLOGY
3.	1801ECS1603	MARY.A	M.Tech(CSE-FT)	CODIFENCE DATA LEAK LOCALIZATION AND PREVENTION SYSTEM USING LOCATION DEFINED NETWORK
4.	1801ECS1604	RATHIKA .S	M.Tech(CSE-FT)	SECURE AND PRIVACY ENHANCING CLOUD BRAIN FOR HUMAN MEMORY DATA UPLOADING AND DISPERSION SYSTEM
5.	1801ECS1605	NIRESH.A	M.Tech(CSE-FT)	SMART METER FIRMWARE FOR MONITOR AND CONTROL THE ELECTRICAL APPLIANCES CONSUMPTION
6.	1801ECS1606	RAVENDIRA.M	M.Tech(CSE-FT)	LIQUID STEGANOGRAPHY SECRETS MESSAGE IN LIVING CELLS USING DNA COMPUTING
7.	1801ECS1607	SIYAMALA.V	M.Tech(CSE-FT)	CROP YIELD RECOMMENDER SYSTEM BASED ON CLASSIFICATION OF SOIL TYPE AI AND DEEP LEARNING
8.	1801ECS1608	ABIRAM.S	M.Tech(CSE-FT)	DESIGN AND ANALYZE THE FRAMEWORK FOR PREVENTING CYBERBULLYING IN SOCIAL NETWORKING SITES USING DEEP LEARNING MODEL
9.	1801ECS1609	REVATHIL.N	M.Tech(CSE-FT)	DETECTION AND QUALIFICATIONS OF STORED PRODUCT INSECT USING INSTANCE SEGMENTATION
10.	1801ECS1610	SUNITHA.R	M.Tech(CSE-FT)	BIOKEY FOR USER AUTHENTICATION AND DATA PROTECTION SYSTEM IN CLOUD
11.	1801ECS1611	REENA.J	M.Tech(CSE-FT)	BLOCK CHAIN-ENHANCING CLOUD DATA SECURITY WITH A VIRTUAL BOT
12.	1801ECS1612	RAMESH.C	M.Tech(CSE-FT)	FACE MASK DETECTION SYSTEM USING DEEP LEARNING

13.	1801ECS1613	ARTHILM	M.Tech(CSE-FT)	CAMPROCTOR WEB APP FOR ELECTRONIC WRITTEN EXAMS PROCTORING SYSTEM USING TEMPORAL CONVOLUTIONAL NETWORKS(TCNs)
14.	1801ECS1614	DEVLR	M.Tech(CSE-FT)	SAFE PLACE TO LIVE OR TO TRAVEL - CRIME HOT SPOT PREDICTION SYSTEM FOR WOMEN SAFETY USING SVM
15.	1801ECS1615	JEYAR	M.Tech(CSE-FT)	PPQM AN EMERGENCY PACKET SCHEDULING IN IOT NETWORK USING REINFORCEMENT LEARNING
16.	1801ECS1616	MALAR.S	M.Tech(CSE-FT)	DESIGNING AND DEVELOPMENT OF HUMAN IDENTIFICATION AND OBSTACLE DETECTION SYSTEM FOR BLIND USING MACHINE LEARNING
17.	1801ECS1617	SELVLS	M.Tech(CSE-FT)	ONLINE VISA PROCESSING SYSTEM
18.	1801ECS1618	STELLA.P	M.Tech(CSE-FT)	EFFICIENT AND INNOVATIVE COLLEGE PORTAL FOR VIRTUAL LEARNING SYSTEM USING DEEP LEARNING
19.	1801ECS1619	VALLIG	M.Tech(CSE-FT)	ONLINE COUNTEREIT PRODUCTS DETECTION AND REMOVAL SYSTEM

  
 HOD  
 Head of the Department  
 Department of Computer Science  
 and Engineering  
 Anna University, Chennai (600 025)  
 (Department of Computer Science and Engineering)  
 Anna University, Chennai, India

  
 DEAN  
 Dean  
 School of Engineering and Technology  
 Anna University, Chennai  
 Anna University, Chennai (600 025)  
 Anna University, Chennai, India

**FACE MASK DETECTION SYSTEM USING DEEP LEARNING**

**RESEARCH PROJECT**

**Submitted By**

**RAMESH.C**

**(1801ECS1612)**

**Under the Guidance of**

**Mrs.K.Jayanthi**

**ASSISTANT PROFESSOR**

**In the partial fulfillment for the award of the award of the degree of  
MASTER OF TECHNOLOGY IN COMPUTER SCIENCE AND  
ENGINEERING**



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

**FACULTY OF ENGINEERING AND TECHNOLOGY**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**THANJAVUR – 613403**

**MAY 2020**



**PRIST**  
DEEMED TO BE  
**UNIVERSITY**  
NAAC ACCREDITED  
THANJAVUR - 613403 TAMIL NADU

Department of Computer Science and Engineering


M.TECH (PT)

Academic Year 2019-2020

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

S.NO	REGISTER NUMBER	NAME	Programme Name	Title of project
1.	1801ECS16201	KANNAN. K	M.Tech(CSE-PT)	Wireless Sensor Networks in VANET
2.	1801ECS16202	SHRI JANAH	M.Tech(CSE-PT)	PREDICTIVE ANALYSIS FOR CYBERSECURITY
3.	1801ECS16203	K.PRAVEENA	M.Tech(CSE-PT)	Performance Comparison of QEC Network based JAVA Application and Web based PHP Application
4.	1801ECS16204	J.BENA	M.Tech(CSE-PT)	Deploying Optimized Scientific and Engineering Applications on Exascale Systems
5.	1801ECS16205	S.MOHAN	M.Tech(CSE-PT)	Cloud enabled media streaming using Amazon Web Services
6.	1801ECS16206	G.P.SANTHOSH	M.Tech(CSE-PT)	Uncertainty and the study of cyber deterrence
7.	1801ECS16207	K.MUTHULINGA M	M.Tech(CSE-PT)	Device Synchronization Using a Computerize Face Detection and Recognition System for Cyber security
8.	1801ECS16208	S.SARAVANAN	M.Tech(CSE-PT)	MULTIPLE DISEASE PREDICTION SYSTEM USING MACHINE LEARNING
9.	1801ECS16209	B.THIYAGU	M.Tech(CSE-PT)	CYBERSECURITY IN TAIWAN: CHALLENGES AND RESPONSES
10.	1801ECS16210	S.RAJESH KUMAR	M.Tech(CSE-PT)	Farm biosecurity hot spots prediction using big data analytics

11	180IECS16211	J.ASHWETHA	M.Tech(CSE-PT)	Subdata selection for big data regression: an improved approach
12	180IECS16212	M. SUDHA	M.Tech(CSE-PT)	BUS TRACKER VIA GPS USING ANDRIOD APPLICATION
13	180IECS16213	G.ARTHI	M.Tech(CSE-PT)	Neural Networks in Communication Systems
14	180IECS16214	M.POONGOTHAI DEVI	M.Tech(CSE-PT)	The Design and Implementation of Taxi/Bus ijarat
15	180IECS16215	G.SUSHRAIM	M.Tech(CSE-PT)	ONLINE TRAIN RESERVATION SYSTEM
16	180IECS16216	G.ANJANI	M.Tech(CSE-PT)	WEB BASED APPLICATION FOR INSURANCE SERVICES (CASE STUDY OF THE INSURANCE COMPANY)
17	180IECS16217	R.SEETHA	M.Tech(CSE-PT)	A Text Sentimental Approach for Online Portals Using Hadoop
18	180IECS16218	K.LAKSHMI	M.Tech(CSE-PT)	HARNESSING DATA TO MAKE BETTER-INFORMED DECISIONS
19	180IECS16219	L.RANI	M.Tech(CSE-PT)	Securing PHP Approches to Web Application security
20	180IECS16220	T.MALATHY	M.Tech(CSE-PT)	A Hadoop -based approach for efficient web service management
21	180IECS16221	G.REVATHY PRIYA	M.Tech(CSE-PT)	On-Board-Unit Big Data Analytics: from Data Architecture to Traffic Forecasting
22	180IECS16222	S.VENILA	M.Tech(CSE-PT)	WEB TESTING APPLICATION WITH PHP AUTOMATED TOOL

  
 K. S. S. S.  
 Head of the Department  
 Department of Computer Science and Engineering  
 Anna University, Chennai  
 Anna University, Chennai  
 Anna University, Chennai  
 Anna University, Chennai  
 Anna University, Chennai

  
 P. S. S. S.  
 Head of the Department  
 Department of Computer Science and Engineering  
 Anna University, Chennai  
 Anna University, Chennai  
 Anna University, Chennai  
 Anna University, Chennai





# Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

## Student Participation in Bounded Research

### Research Related Task Allotment

#### I. Student Details

- Name of the Student : G. ARTHI
- Register No. : 1801ECS16213
- Programme & Branch : M.T.ECU/PT Batch: 19-20 Semester: 2<sup>nd</sup>

#### II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. R. Latha
- Designation: Associate professor Department: CSE

#### III. Details of Research Related Task Allotted:

- i. Description of Research Related Task : Neural Networks

A Neural Network is a method in artificial intelligence that teaches computers to process data in a way that is inspired by the human brain.

- ii. Date of Allotment of the Task: 1.6.19

- iii. Due Date Proposed for Completion of Task: 30.6.19

*G. Arthi*  
Signature of the Student:  
Department of Computer Science and Engineering  
Ponnaiyah Ramajayam Institute of Science & Technology (PRIST)  
(Inspection Deemed to be University 's 3 of the UGC Act, 1956)  
THANJAVUR - 613 403, TAMIL NADU.

*Dr. R. Latha*  
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.

Date: 30.6.19.



# 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 : G. ARTHI
- Register No. : 1801ECS16213
- Programme & Branch : M.Tech / IT Batch: 19-20 Semester:   
 CSE

#### II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. R. Lakshmi
- Designation: Associate prof. Department: CSE

#### III. Details of the Task Undertaken:

- i. Details of the Task: Neural Network.

To process the data in a way is inspired by the human brain

- ii. Date of Allotment of the Task: 1.6.19
- iii. Date of Completion of the Task: 30.6.19

#### IV. Declaration of the Student

I, G. Arthi, a student of M.Tech/IT Programme (Reg.No. 1801ECS16213), hereby declare that I have completed the Research Related Task "Neural Network: to process the data in a way (is) inspired by the human brain." 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: 30.6.2019  
 Head of the Department  
 Department of Computer Science and Engineering  
 Ponnaiyah Ramajayam Institute of Science & Technology (PRIST)  
 (Inspection Deemed to be University 's 3 of the UGC Act.1956)  
 VAILAM - 613 403, TAMIL NADU.

Dr. R. Lakshmi  
 Faculty Advisor

HOD

G. Arthi  
 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.



# 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 : G. ARTHI
- Register No. : 1801ECS16213
- Programme & Branch : M.TECH/IT Batch: 19-20 Semester:   
CSE

#### II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. R. Lakshmi
- Designation: Associate Prof. Department: CSE

#### III. Details of Research Related Task Allotted:

- i. Details of the Task Allotted: Neural Network ,

To process the data in a way (i) inspired human brain.

- ii. Date of Allotment of the Task: 1.6.19

- iii. Date of Completion of the Task: 30.6.19

#### IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. G. ARTHI, a bonafide student of M.TECH/IT (Reg. No. 1801ECS16213) who has been allotted a Research Related Task "Neural Network : To process the data in a way (i) inspired human brain." on 1.6.19, has successfully completed the above mentioned task on 30.6.19 to my satisfaction and has submitted all task completion related records to me.

Date: 30.6.2019

*[Signature]*  
 Department of Computer Science  
 and Engineering  
 Ponnaiyah Ramajayam Institute of  
 Science & Technology (PRIST)  
 Deemed to be University  
 (the UGC Act.1956)  
 613 403, TAMIL NADU

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.



**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. KANNAN
- Register No. : 1801ECS1620
- Programme & Branch : M.TECH/IT Batch: 19-20 Semester:  
CSE

II. Faculty Advisor Details

- Name of the Faculty Advisor : K. SANGEETHA
- Designation: AP Department: CSE

III. Details of Research Related Task Allotted:

- i. Description of Research Related Task

wide area sensor network:- It is a network of RF transceivers, sensors, machine controllers, micro controllers, and user interface, elements with atleast two node communications.

- ii. Date of Allotment of the Task: 1.6.19

- iii. Due Date Proposed for Completion of Task: 30.6.19

*K. Kannan*  
Signature of the Student  
*K. Sangeetha*  
Head of the Department  
Department of Computer Science  
and Engineering  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST)  
(Institution Deemed to be University  
is 3 of the UGC Act, 1956)  
THANJAVUR - 613 403, TAMIL NADU.

Date: 1.6.2019

*K. Sangeetha*  
Signature of the Faculty Advisor  
*Sangeetha*  
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 : K. Kannan
- Register No. : 1801E0316201
- Programme & Branch : M.Tech / FT Batch: 19-20 Semester: \_\_\_\_\_  
CSE

#### II. Faculty Advisor Details

- Name of the Faculty Advisor : K. Sangeetha
- Designation: AP Department: CSE

#### III. Details of the Task Undertaken:

##### i. Details of the Task:

wireless sensor network.

##### ii. Date of Allotment of the Task:

1.6.19

##### iii. Date of Completion of the Task:

20.6.19

#### IV. Declaration of the Student

I, K. Kannan, a student of M.Tech/FT Programme (Reg.No. 1801E0316201) hereby declare that I have completed the Research Related Task "wireless sensor network - RF transceiver, sensor, machine controller and user interface device" 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: 30.6.2019

K. Sangeetha  
Faculty Advisor

K. Kannan  
Signature of the Student

DEAN

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

HOD

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.



# 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. KANNAN
- Register No. : 1801 ECS 16201
- Programme & Branch : H-TECH (AI) Batch: 19-20 Semester: CSE

#### II. Faculty Advisor Details

- Name of the Faculty Advisor : K. Samrajitha
- Designation: AP Department: CSE

#### III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Wireless Sensor Network.

ii. Date of Allotment of the Task: 1.6.19

iii. Date of Completion of the Task: 30.6.19

#### IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. K. KANNAN, a bonafide student of H-TECH (AI  
 (Reg.No. 1801 ECS 16201) who has been allotted a Research Related Task "Wireless  
Sensor Network — RF transceiver, Sensor & User interface" on  
1.6.19, has successfully completed the above mentioned task on 30.6.2019 to my satisfaction and has  
 submitted all task completion related records to me.

Date: 30/6/2019

Head of the Department  
 Department of Computer Science  
 and Engineering  
 Ponnaiyah Ramajayam Institute of  
 Science & Technology (PRIST)  
 (Insstitution Deemed to be University  
 's 3 of the UGC Act.1956)  
 VALLAMUR - 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



**SCHOOL OF ARTS AND SCIENCE**

**DEPARTMENT OF COMPUTER SCIENCE**

**1.3.3 NUMBER OF STUDENTS UNDERTAKING RESEARCH PROJECTS - 2019-2020\***

S.NO	PROGRAMME CODE	NAME	RESEARCH PROJECT TITLE
BCA			
1	17UGCOAGE	A. IMMANUEL SANJAY KUMAR	REAL-TIME WEB SEARCH ENGINE
2	17UGCOAGE	S.SHRIRAM	ANDROID BATTERY SAVER SYSTEM
3	17UGCOAGE	K.AJITH	ONLINE EBOOK MAKER
4	17UGCOAGE	S.MOHAMMED SIDDIQ	INTERNET BANKING SYSTEM
5	17UGCOAGE	V.ASWINI	MOBILE WALLET WITH MERCHANT PAYMENT
6	17UGCOAGE	K.NAVEEN	RESTAURANT BOOKING WEBSITE
7	17UGCOAGE	R.SRIVATHSAN	WEB BASED STUDENT TEACHER MANAGEMENT SYSTEM FOR EDUCATIONAL INSTITUTE
8	17UGCOAGE	S.K.PRAGADEESWARAN	STUDENT DATA MANAGEMENT
9	17UGCOAGE	N.ANJALI	WEB BASED EXAM NOTIFICATION SYSTEM
10	17UGCOAGE	E.MURALIDHARAN	TWITTER SENTIMENT ANALYSIS
11	17UGCOAGE	K.PUGALSELVAN	ADVANCED RELIABLE REAL ESTATE PORTAL
12	17UGCOAGE	D.TAMILARASAN	ONLINE HOSTEL MANAGEMENT SYSTEM
13	17UGCOAGE	K.VIMALNATH	ORGAN & BLOOD DONATION BASED ON WEB APPLICATION
14	17UGCOAGE	R.MANIMARAN	BANK MANAGEMENT SYSTEM
15	17UGCOAGE	K.NAGULESH	IMAGE PROCESSING BY USING PYTHON
16	17UGCOAGE	G.YOGESH	ADMISSION ENQUIRY CHAT BOT PROJECT
17	17UGCOAGE	V.VIJAY	ANDROID SMART CITY TRAVELLING PROJECT
18	17UGCOAGE	V.MADHESH	ORGAN DONATION SYSTEM
19	17UGCOAGE	C.AROCKIYA STEPHEN RAJ	OPTICAL CHARACTER RECOGNITION SYSTEM (OCR)
20	17UGCOAGE	M.BALAJI	SECURE ONLINE AUCTION PORTAL PROJECT
21	17UGCOAGE	S.CHANDRAVARUN	DETECTION OF CREDIT CARD

PRIST Deemed to be University  
Thanjavur - 613 403, Tamilnadu.

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

22	17UGCOAGE	A.YOGESH	COLLEGE STAFF SCHEDULING
23	17UGCOAGE	A.ANAND	AADHAR CARD BASED RAILWAY TICKET BOOKING
24	17UGCOAGE	R.GAYATHRI	LIBRARY MANAGEMENT SYSTEM
25	17UGCOAGE	B.MUTHAMILSELVAN	REAL ESTATE SEARCH BASED ON THE DATA MINING
26	17UGCOAGE	P.SONAMUTHU	ROBOTIC VEHICLE CONTROLLED BY USING VOICE
27	17UGCOAGE	M.NADANASIGAMANI	STUDENT ATTENDANCE BY USING FINGERPRINT READER
28	17UGCOAGE	G.BALASUBRAMANIAN	EXPENSE TRACKER
29	17UGCOAGE	S.PRASANNA BHARATHI	DIGITAL SOLUTION INTEGRATE THE SCHOLARSHIP SCHEME WITH PERFORMANCE
30	17UGCOAGE	S.CHITHARASAN	EXAM CELL AUTOMATION SYSTEM
31	17UGCOAGE	P.SURYA	ADVANCED E-VOTING APPLICATION USING ANDROID PLATFORM
32	17UGCOAGE	L.CHANDRAN	APPLICATION FOR RAILWAY RESERVATION WITH SAFETY AND SECURITY CONCERNS
33	17UGCOAGE	B.MOHAMED ASHIK	ELECTRIC VEHICLE CHARGING STATION SLOT RECOMMENDATION SYSTEM USING QUEUING MODEL
34	17UGCOAGE	G.DURGASRI	CYBER CRIME REPORTING SYSTEM
35	17UGCOAGE	T.KARTHIK	DETECTING E BANKING PHISHING WEBSITES USING ASSOCIATIVE CLASSIFICATION
36	17UGCOAGE	S.SIVASHANKAR	A DEEP LEARNING BASED FACE MASK AND SOCIAL DISTANCE DETECTION FOR COVID-19
37	17UGCOAGE	UWABERAINNOCENTEM AUXILLIATRICE	PUBLIC DISTRIBUTION SYSTEM
38	17UGCOAGE	A.DEVASENA	KNOWNANDUNKNOWNFACESMART HOME DOOR LOCK SYSTEM USING AI AND EDGE COMPUTING
39	17UGCOAGE	V.SUDHARSANAN	SECURE CLOUD DATA ACCESS WITH INTEGRITY MOBILE NETWORKS
40	17UGCOAGE	K.AJITHKUMAR	LOAN TRACKER
41	17UGCOAGE	DILIP C	SECURE CLOUD DATA ACCESS WITH INTEGRITY MOBILE NETWORK
42	17UGCOAGE	DINESH J	QLESS: VIRTUAL QUEUE FOR PUBLIC DISTRIBUTION SYSTEM USING DEEP Q LEARNING BASED SLOT PREDICTION

PRIST Deemed to be University  
Thanjavur - 613 403, Tamil Nadu.

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



43	17UGCOAGE	HARISH P	VISUAL CRYPTOGRAPHY USING COLOR PLATTELS
44	17UGCOAGE	KUMAR K	PHARMACY MANAGEMENT SYSTEM
45	17UGCOAGE	LAKSHMAN Y	CYBER BULLYING DETECTION USING DEEP LEARNING MODEL
46	17UGCOAGE	VIKRAM A	STUDENT SCHOOL MANAGEMENT SYSTEM
47	17UGCOAGE	DILIP C	PAYMENT BILLING SYSTEM
48	17UGCOAGE	DINESH J	CHILDREN VACCINATION REMAINDER
49	17UGCOAGE	HARISH P	VOTE FROM ANYWHERE THROUGH WEB SERVICES
50	17UGCOAGE	KUMAR K	FARMING ASSISTANCE WEB SERVICE
51	17UGCOAGE	LAKSHMAN Y	HOSPITAL MANAGEMENT SYSTEM
52	17UGCOAGE	VIKRAM A	RESUME BUILDER WEB APPLICATION
53	17UGCOAGE	LAKSHMI D	VIDEO TRANSCRIPT SUMMARISER
54	17UGCOAGE	SAUMYA S	ONLINE AUCTION SYSTEM
55	17UGCOAGE	LALITA K	ACADEMIC EVALUATION SYSTEM
<b>B.Sc(CS)</b>			
1	17UGCSGE	GOWTHAM.M.S	ONLINE FURNITURE MANAGEMENT
2	17UGCSGE	JEEVA.P	LOCATION BASED TASK REMINDER
3	17UGCSGE	MAHENDHIRAN.P	EXAM CELL AUTOMATION SYSTEM
4	17UGCSGE	ABDUL RAHIM.A	ILLUSION PIN BASED TRANSACTIONS
5	17UGCSGE	KALAVANI.R	E-COMMERCE WEBSITE
6	17UGCSGE	VIJAY.S	NEXT GENERATION SMART STREET LIGHT MONITORING SYSTEM USING CLOUD COMPUTING
7	17UGCSGE	KARTHICKUMAR.B.N	HUMAN RESOURCES MANAGEMENT
8	17UGCSGE	DINESH KUMAR.B	HOSPITAL MANAGEMENT SYSTEM
9	17UGCSGE	VINOTHINI.P	ONLINE EXAM NOTIFICATION
10	17UGCSGE	RATHNA.M	ONLINEBANKING SYSTEM
11	17UGCSGE	MUKESH.K	FINGERPRINT BASED ATM SYSTEM
12	17UGCSGE	SONALI.R	SPORTS EVENT NOTIFICATION SYSTEM USING RSFEED
13	17UGCSGE	MOHAMED JIYAVUDEEN.S	INSURANCE MANAGEMENT
14	17UGCSGE	MOHAMED ARIF.M	DIGITALIZED AGRO LOAN ANALYSIS
15	17UGCSGE	DINESH. R	STAMP ENABLING PRIVACY

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PRIST Deemed to be University  
Thanjavur - 613 003, Tamil Nadu

16	17UGCSGE	ANANTHA BABU.T	ONLINE SHOPPING SYSTEM
17	17UGCSGE	MATHIVATHAN.R	SPORTS TOURNAMENT ORGANIZATION SYSTEM
18	17UGCSGE	SIVASHANKAR.M	FACE PIN:FACE BIOMETRIC AUTHENTICATION SYSTEM FOR ATM DEEP LEARNING
19	17UGCSGE	PRAVEEN KUMAR.A	CLOTH REPLACE SHOP SYSTEM
20	17UGCSGE	AMIR A	MOVIES RECOMMENDATIONS BY USING MACHINE LEARNING
21	17UGCSGE	MUHAMMAD V	HOTEL CATALOGUE MANAGEMENT SYSTEM
22	17UGCSGE	HASSAN W	CROP YIELD RECOMMENDER SYSTEM BASED ON CLASSIFICATION OF SOIL TYPE USING AI AND DEEP LEARNING
23	17UGCSGE	ROHAN B	ON ROAD VEHICLE BREAKDOWN ASSISTANCE
24	17UGCSGE	VIHAAN K	BLOOD VALE AUTHORITY SYSTEM
25	17UGCSGE	KABIR L	ONLINE MEDICAL CAMP NOTIFICATION SYSTEM
26	17UGCSGE	ZAHIR Q	SMART CLASS ROOM ATTENDANCE SYSTEM USING GROUP FACE RECOGNITION
27	17UGCSGE	ISHAAN A	DEPRESS API ONLINE SOCIAL NETWORKS USERS DEPRESSION DETECTION
28	17UGCSGE	DEEPAK K	ILLUSION PIN BASED TRANSACTION
29	17UGCSGE	GANESH A	ONLINE CRIME MANAGEMENT SYSTEM
30	17UGCSGE	KRISHNA G	ONLINE LIVE COURIER TRACKING AND DELIVERY SYSTEM PROJECT
31	17UGCSGE	RAHUL A	BLOOD BANK MANAGEMENT SYSTEM
32	17UGCSGE	RAVINDRA H	E-LEARNING WEBSITE
33	17UGCSGE	SIDDHARTHA A	ANTI-THEFT MOBILE TRACKER
34	17UGCSGE	SURENDRA Q	ONLINE JOB PORTAL MANAGEMENT SYSTEM
35	17UGCSGE	VISHNU G	DATA SHARING WITH FORWARD SECRECY
36	17UGCSGE	SURAJ C	A SMART POWER METER TO RECHARGE ELECTRIC VEHICLES

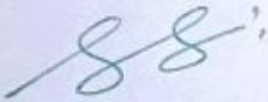
*88*

*Devi*

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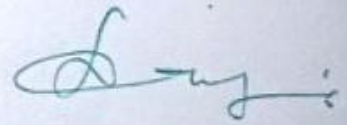
Dept of Arts & Science  
PRIST Deemed to be University  
Thanjavur - 613 003, Tamil Nadu

37	17UGCSGE	BHASKAR A	AGRICULTURE DEPUTY WEBSERVICE
38	17UGCSGE	AMALA M	EB BILLING AND INFORMATION
39	17UGCSGE	KAMALA K	TASK MANAGEMENT APPLICATION
40	17UGCSGE	DEVI L	SMART PARKING MANAGEMENT SYSTEM
41	17UGCSGE	DHANYASRI F	IDENTIFICATION OF MAC ADDRESS USING EFFICIENT TRAITOR TRACING AND REVOCATION
42	17UGCSGE	ADHYA Q	E-AUTHENTICATION SYSTEM.
43	17UGCSGE	AYLA E	FACE DETECTION
44	17UGCSGE	ROJA W	SYSTEM USING MACHINE LEARNING ALGORITHM
45	17UGCSGE	JASMINE R	E-COMMERCE WEBSITE
46	17UGCSGE	KALYANI Y	MARKSHEET GENERATION
47	17UGCSGE	SITA T	PAYMENT BILLNG SYSTEM
48	17UGCSGE	NILA U	ONLINE VEHICLE WORKSHOP
49	17UGCSGE	TARINI A	FACE DETECTION AND RECOGNITION
50	17UGCSGE	SHIVAYA M	CRIME RATE PREDICTION
51	17UGCSGE	UMA D	MOBILE WALLET WITH MERCHANT PAYMENT.
52	17UGCSGE	ANUSHKA A	LIBRARY MANAGEMENT SYSTEM
53	17UGCSGE	INDIRA A	ONLINE QUIZ APPLICATION
54	17UGCSGE	LAKSHMI D	INVENTORY MANAGEMENT SYSTEM
55	17UGCSGE	SAUMYA S	ONLINE HOSTEL MANAGEMENT



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DEAN

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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 : S. MANIMARAN
- Register No. : 1702CA1017
- Programme & Branch : BCA Batch: 2017 - 2020 Semester: V

II. Faculty Advisor Details

- Name of the Faculty Advisor : DR. R. MARUTHI MCA; Ph.D
- Designation: PROFESSOR Department: COMPUTER-SCIENCE

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

Banking process of all activities of day to day transactions and other related documents.

ii. Date of Allotment of the Task:

13/11/2019

iii. Due Date Proposed for Completion of Task:

15/12/2019

S. Manimaran  
Signature of the Student:

R. Maruthi  
Signature of the Faculty Advisor

Date: 18/11/2019



**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. MANIMARAN
- Register No. : 1702CA1017
- Programme & Branch : BCA Batch: 2017-2020 Semester: V

II. Faculty Advisor Details

- Name of the Faculty Advisor : DR. R. MARUTHI MCA; Ph.D
- Designation: PROFESSOR Department: COMPUTER SCIENCE

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Transaction of Details of Customer.

ii. Date of Allotment of the Task:

13/11/2019

iii. Date of Completion of the Task:

15/12/2019

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. S. Manimaran, a bonafide student of BCA

(Reg.No. 1702CA1017) who has been allotted a Research Related Task "BANK MANAGEMENT  
SYSTEM." "on

15/11/2019, has successfully completed the above mentioned task on 15/11/2019 to my satisfaction and has submitted all task completion related records to me.

Date: 18/12/2019

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 : S. MANIMARAN
- Register No. : 1702CA1017
- Programme & Branch : BIA Batch: 2017-2020 Semester: V

II. Faculty Advisor Details

- Name of the Faculty Advisor : DR. R. MARUTHI MCA; PhD
- Designation: PROFESSOR Department: COMPUTER-SCIENCE

III. Details of the Task Undertaken:

i. Details of the Task:

Transaction of Details of Customer.

ii. Date of Allotment of the Task:

13/11/2019

iii. Date of Completion of the Task:

15/12/2019

IV. Declaration of the Student

I, S. Manimaran, a student of BIA Programme (Reg.No. 1702CA1017) hereby declare that I have completed the Research Related Task "Bank Management system"

upto the satisfaction of my Advisor and have submitted all related records to him on 18/12/2019  
Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 18/12/2019

R. Mani

Faculty Advisor

S. Manimaran  
Signature of the Student

[Signature]

HOD

**BANK MANAGEMENT SYSTEM**

**Submitted as partial fulfilment of the requirements for the award of  
the degree**

**Bachelor Of Computer Application**

**By**

**R.MANIMARAN**

**Reg.No:1702CA1017**

**Under the Guidance of**

**DR.R .MARUTHI M.C.A.,Ph.D.**

**Professor,**

**Department Of Computer Science**



**DEPARTMENT OF COMPUTER SCIENCE**

**PONNAIAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY**

**[PRIST]**

**THANJAVUR-613403**



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

---

**Declaration**

I, MANIMARAN R, 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 "DR.R.MARUTHI.,M.C.A.,Ph.D., 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: *23/12/2019*

*S. Manimaran*

Signature of the research scholar





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

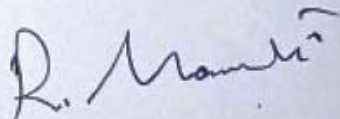
---

Guide Name : DR.R.MARUTHI.,M.C.A.,Ph.D.  
Designation : 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: 23/12/2019

  
Signature of the Guide



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**PARTICIPATION IN  
BOUNDED RESEARCH  
B.Sc. MATHEMATICS**

**2019-2020**



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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.	A.Sneha	B.Sc., Mathematics	1701MA10201	The Use Of Bitter leaf (Vernonia Amygdalina) Extract As A Means Of Extending The Shelf-Life Of Locally Brewed Sorghum Beer	National Agro Foundation Non-Governmental Organization In Chennai, Tamil Nadu
2.	K.S.Vidhya	B.Sc., Mathematics	1701MA10202	Mathematical Models Of Control Measures In The Spread Of Cholera	Lifeline Hospitals Private Hospital In Chennai, Tamil Nadu
3.	M.Preethi	B.Sc., Mathematics	1701MA10203	Mathematical Analysis Of Hemodynamic Pulse Wave In Human Fluid-Structure Interaction	Dr.Kamakshi Memorial Hospitals Hospital In Chennai, Tamil Nadu
4.	P.Swetha	B.Sc., Mathematics	1701MA10204	A Mathematical Model On The Dynamics Of Ebola Virus Diseases In Human Population	Venkateswara Hospitals General Hospital In Chennai, Tamil Nadu
5.	K.Manisha	B.Sc., Mathematics	1701MA10205	A Study Of The Use Of Lagrangian Multiplier's And Karush Kuhn-Tucker's Methods Of Solving Non Linear Programming Problems (Nlpp's)	Arokia Annai Hospital Physiotherapy Center Chennai, Tamil Nadu
6.	K.Priyadharshini	B.Sc., Mathematics	1701MA10206	Malaria Transmission In Sickle Cell Populace	Apollo Hospital Chennai Hospital Greams Lane, 21, Greams Rd
7.	M.Mahalakshmi	B.Sc., Mathematics	1701MA10207	The Use Of Bitterleaf (Vernonia Amygdalina) Extract As A Means	National Agro Foundation

*Dr. Jigeesa*

**H.O.D.**  
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*SS*

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

				Of Extending The Shelf-Life Of Locally Brewed Sorghum Beer	Non-Governmental Organization In Chennai, Tamil Nadu
8.	G.P.Santhosh	B.Sc., Mathematics	1701MA10101	Mathematical Models Of Control Measures In The Spread Of Cholera	Lifeline Hospitals Private Hospital In Chennai, Tamil Nadu
9.	K.Muthulingam	B.Sc., Mathematics	1701MA10102	Mathematical Analysis Of Hemodynamic Pulse Wave In Human Fluid-Structure Interaction	Dr.Kamakshi Memorial Hospitals Hospital In Chennai, Tamil Nadu
10.	S.Saravanan	B.Sc., Mathematics	1701MA10103	A Mathematical Model On The Dynamics Of Ebola Virus Diseases In Human Population	Venkataeswara Hospitals General Hospital In Chennai, Tamil Nadu
11.	B.Thiyagu	B.Sc., Mathematics	1701MA10104	A Study Of The Use Of Lagrangian Multiplier's And Karush Kuhn-Tucker's Methods Of Solving Non Linear Programming Problems (Nlpp's)	Arokia Annai Hospital Physiotherapy Center Chennai, Tamil Nadu
12.	S.Rajesh Kumar	B.Sc., Mathematics	1701MA10105	Malaria Transmission In Sickle Cell Populace	Apollo Hospital Chennai Hospital Greams Lane, 21, Greams Rd
13.	A.Agila	B.Sc., Mathematics	1701MA10208	fuzzy Mathematical Model On Gonorrhoea Transmission	Hindu Mission Hospital General Hospital 103, Grand Southern Trunk Rd
14.	M.Kaviya Sudha	B.Sc., Mathematics	1701MA10209	Agricultural Financing And Economic Growth In Nigeria	Meiyur Agricultural Training Pvt Ltd Training Centre In Chennai, Tamil Nadu
15.	A.Aarthi	B.Sc., Mathematics	1701MA10210	Economic Analysis Of Fluted Pumpkin Production	Meiyur Agricultural Training Pvt Ltd Training Centre In Chennai, Tamil Nadu

*Dr. Digvijay*

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	M.Poongothai	B.Sc., Mathematics	1701MA10211	Agricultural Financing And Economic Growth In Nigeria	National Agro Foundation Non-Governmental Organization In Chennai, Tamil Nadu
17.	G.Sushmitha	B.Sc., Mathematics	1701MA10212	Mathematical Models Of Control Measures In The Spread Of Cholera	Lifeline Hospitals Private Hospital In Chennai, Tamil Nadu
18.	G.Sivaranjani	B.Sc., Mathematics	1701MA10213	Mathematical Analysis Of Hemodynamic Pulse Wave In Human Fluid-Structure Interaction	Dr.Kamakshi Memorial Hospitals Hospital In Chennai, Tamil Nadu
19.	B.Abitha	B.Sc., Mathematics	1701MA10214	Agricultural Financing And Economic Growth In Nikoda	Venkataeswara Hospitals General Hospital In Chennai, Tamil Nadu
20.	S.Praveen raj	B.Sc., Mathematics	1701MA10106	Agricultural Financing And Economic Growth In Nigeria	Meiyur Agricultural Training Pvt Ltd Training Centre In Chennai, Tamil Nadu
21.	S.Anusa	B.Sc., Mathematics	1701MA10215	Economic Analysis Of Fluted Pumpkin Production	Meiyur Agricultural Training Pvt Ltd Training Centre In Chennai, Tamil Nadu
22.	Manju.F	B.Sc., Mathematics	1701MA10216	A Mathematical Model On The Dynamics Of Ebola Virus Diseases In Human Population	Venkataeswara Hospitals General Hospital In Chennai, Tamil Nadu

*B. Divyashree*

H.O.B.

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*[Signature]*

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



# Student Participation in Research

## Research Project Title

### I. Student Details:

- Name of the Student: A. Elmaghrabi
- Registration No: 190101010101
- Programme/ Branch: Chemistry Department, Faculty of Science, Assiut University, Assiut, Egypt

### II. Faculty Advisor Details:

- Name of the Faculty Advisor: Dr. W. A. Elmaghrabi
- Designation: Assistant Professor

### III. Details of Research/Retirement Task:

i. Description of Research/Retirement Task:

The use of the UV-Vis (Ultraviolet-Visible) spectrophotometer as a means of studying the Complex-formation of Lead ions with EDTA ligand.

ii. Date of commencement of the Task:

1-10-19

iii. Date of completion of the Task:

5-11-19

A. Elmaghrabi  
Signature of the Student:

W. A. Elmaghrabi  
Signature of the Faculty Advisor:

Date: 1-10-19

W. A. Elmaghrabi  
Date: 1-10-19

W. A. Elmaghrabi  
Date: 1-10-19



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. SNEHA
Register No. : 1701MA10201
Programme & Branch : B.Sc. MATHS Batch: 2017- Semester: V
220

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. V. VIJAYASHARATHI
Designation: ASSOCIATE PROFESSOR Department: MATHEMATICS

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

The use of bitter leaf (Vernonia amygdalina) extract as a means of extending the shelf-life of locally brewed Sorghum

ii. Date of Allotment of the Task:

7.10.19

iii. Date of Completion of the

6.12.19

Task:

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. A. SNEHA, a bonafide student of B.Sc. MATHEMATICS

(Reg.No. 1701MA10201) who has been allotted a Research Related Task "The use of bitter leaf

(Vernonia Amygdalina) extract as a means of Extending the Shelf of locally brewed Sorghum Beer.

has successfully completed the above mentioned task on 6.12.19 to my satisfaction and has submitted all task completion related records to me.

Date: 6.12.19

[Signature] HOD

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

[Signature] Signature of the Faculty Advisor

[Signature]

Dean School of Arts & Science Ponnaiyah Ramajayam Institute of Science & 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 : A. SNEHA
- Register No. : 1701MMA10201
- Programme & Branch : B.Sc. MATHS Batch: 2017- Semester: V  
2020

#### II. Faculty Advisor Details

- Name of the Faculty Advisor : DR. V. VIJAYABHARATHI
- Designation: ASSOCIATE PROFESSOR Department: MATHEMATICS

#### III. Details of the Task Undertaken:

i. Details of the Task:

The use of bitter leaf (*Veponia amygdalina*) extract as a means of extending the shelf-life of locally brewed sorgham Beer

ii. Date of Allotment of the Task:

7.10.19

iii. Date of Completion of the

6.12.19

Task:

#### IV. Declaration of the Student

I, A. SNEHA, a student of B.Sc. MATHS Programme (Reg.No. 1701MMA10201), hereby declare that I have completed the Research Related

Task "The use of bitter leaf (*veponia amygdalina*) extract as a means of extending the shelf-life of locally brewed sorgham Beer".

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: 6.12.19.

*Vijayabharathi*  
Faculty Advisor

*Sneha*  
Signature of the Student

*H.O.B.*

H.O.B.

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*SS*  
Dean  
School of Arts & Science  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST)  
Deemed to be University



**THE USE OF BITTER LEAF (VERNONIA AMYGDALINA)  
EXTRACT AS A MEANS OF EXTENDING THE SHELF-LIFE  
OF LOCALLY BREWED SORGHUM BEER**

**PARTICIPATION IN BOUNDED RESEARCH**

By

**A.SNEHA**

(REG NO- 1701MA10201)

**DEPARTMENT OF MATHEMATICS**



**PRIST DEEMED TO BE UNIVERSITY**

**VALLAM, THANJAVUR – 613 403**

**DECEMBER-2019**

*S. S. Srinivasan*

**H.O.D.**

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PRIST DEEMED TO BE UNIVERSITY  
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*S. S. Srinivasan*

**Dean**

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



A. SNEHA  
PRIST UNIVERSITY,  
VallamThanjavur – 613 403  
Tamil Nadu,

### Declaration

I do hereby declare that the work entitled “THE USE OF BITTER LEAF (VERNONIA AMYGDALINA) EXTRACT AS A MEANS OF EXTENDING THE SHELF-LIFE OF LOCALLY BREWED SORGHUM BEER” submitted by me to the PRIST DEEMED TO BE UNIVERSITY, Thanjavur-613 403 for Participation of Bounded research work carried out by under the supervision of Associate Professor Dr. V. Vijayabharathi. 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: 6.12.2019

Signature of Research Scholar

(A. SNEHA)

  
H.O.D.

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Science & Technology (PRIST)  
Deemed to be University  
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A. SNEHA

PRIST UNIVERSITY

VallamThanjavur – 613 403

Tamil Nadu,

Dr. V. VIJAYABHARATHI

Associate Professor

Bona-Fide Certificate

This is to certify that the thesis entitled “THE USE OF BITTER LEAF (VERNONIA AMYGDALINA) EXTRACT AS A MEANS OF EXTENDING THE SHELF-LIFE OF LOCALLY BREWED SORGHUM BEER”, submitted by A. SNEHA 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:

Research Guide

Seal

H.O.D.

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**RESEARCH PROJECT**

**M.Sc. MATHEMATICS**

**2019-2020**



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Department of Mathematics

I.3.4 Percentage of students undertaking field projects / research projects / internships

RESEARCH PROJECT

	NAME	PROGRAMM	REG.NO.	TITLE	LOCATION
1.	S.Sathiyasri	M.Sc., Mathematics	1801MA20202	Agricultural Financing And Economic Growth In Karnataka	Hindu Mission Hospital General Hospital 103, Grand Southern Trunk Rd
2.	R.Priyanga	M.Sc., Mathematics	1801MA20203	Agricultural Financing And Economic Growth InTamilnadu using T	Meiyur Agricultural Training Pvt Ltd Training Centre In Chennai, Tamil Nadu
3.	D.Sornalakshimi	M.Sc., Mathematics	1801MA20204	Economic Analysis Of Fluted Pumpkin Production	Meiyur Agricultural Training Pvt Ltd Training Centre In Chennai, Tamil Nadu
4.	N.Subashini	M.Sc., Mathematics	1801MA20205	Agricultural Financing And Economic Growth In Tamilnadu using TP	National Agro Foundation Non-Governmental Organization In Chennai, Tamil Nadu
5.	R.Tharini	M.Sc., Mathematics	1801MA20206	Mathematical Models Of Control Measures In The Spread Of Cholera	Lifeline Hospitals Private Hospital In Chennai, Tamil Nadu
6.	P.Vanitha	M.Sc., Mathematics	1801MA20207	Agricultural Financing And Economic Growth In Tamilnadu using VAM	Center For Research On Sustainable Agriculture And Rural Development X6wx+W3f, Tharamani, Cit Campus, Tharamani,

*20. Divya*

H.O.D.

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*SS*

Dean

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

7.	R.Vidhya Devi	M.Sc., Mathematics	1801MA20208	Agricultural Financing And Economic Growth In Tamilnadu using ASS	Chennai, Tamil Nadu 600113 Sathviga Integrated Agro Farms 54, Reddy Kuppam Rd, Panneerselvam Nagar, Saidapet, Chennai, Tamil Nadu 600015
8.	R.Kowsalya	M.Sc., Mathematics	1801MA20209	Influence Of Topography On Soil Profile Characteristics And Fertility	Grace Agri Products Garden Center In Chennai, TamilNadu
9.	N.Nagesh	M.Sc., Mathematics	1801MA20102	Agricultural Financing And Economic Growth In Tamilnadu using MCP	Tamil Nadu Agricultural University Training Centre In Chennai, Tamil Nadu
10.	N.Nagarajan	M.Sc., Mathematics	1801MA20103	Extract As A Means Of Extending The Shelf-Life Of Locally Brewed Sorghum Beer	National Agro Foundation Non-Governmental Organization In Chennai, Tamil Nadu
11.	M.Kitt	M.Sc., Mathematics	1801MA20104	Mathematical Models Of Control Measures In The Spread Of Ifever	Lifeline Hospitals Private Hospital In Chennai, Tamil Nadu
12.	J.Krishna	M.Sc., Mathematics	1801MA20105	Fuzzy Mathematical Analysis Of Hemodynamic Pulse Wave In Human Fluid-Structure Interaction	Dr.Kamakshi Memorial Hospitals Hospital In Chennai, Tamil Nadu
13.	R.Nallu raj	M.Sc., Mathematics	1801MA20106	Fuzzy Mathematical Model On The Dynamics Of Ebola Virus Diseases In Human Population	Venkateswara Hospitals General Hospital In Chennai, Tamil Nadu
14.	Y.Nachiyarappa	M.Sc., Mathematics	1801MA20107	A Study Of The Use Of Lagrangian	Arokia Annai Hospital

*Devi Srinivasan*

H.O.D.

DEPARTMENT OF MATHEMATICS  
PONDICHERRY UNIVERSITY  
AVAR

*Devi Srinivasan*

Devi Srinivasan

School of Arts & Sciences  
Pondicherry Parampariam Institute of  
Sciences & Technology (PPIST)  
Deemed to be University  
Vallam, Thanjavur - 613 403.

				Multiplier's And Karush Kuhn-Tucker's Methods Of Solving Non Linear Programming Problems (Nlpp's)	Physiotherapy Center Chennai,Tamil Nadu
15.	S.Logu	M.Sc., Mathematics	1801MA20108	Dengu Transmission In Sickle Cell Populace	Apollo Hospital Chennai Hospital Greams Lane. 21, Greams Rd
16.	A.Gokilan ani	M.Sc., Mathematics	1801MA20109	Fuzzy Mathematical Model On Gonorrhoea Transmission Mathematical Model On Gonorrhoea Transmission	Hindu Mission Hospital General Hospital 103, Grand Southern Trunk Rd
17.	K.Kokilan gaius	M.Sc., Mathematics	1801MA20110	Mathematical Model On Hearing Mechanism	Murugan Hospitals General Hospital 264, 125, Kilpauk Garden Road

*B. Dixson*

H.O.D.

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

*SS*

Dean

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

# INFLUENCE OF TOPOGRAPHY ON SOIL PROFILE CHARACTERISTICS AND FERTILITY

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

By

R.KOWSALYA

(REG NO- 1801MA20209)

DEPARTMENT OF MATHEMATICS



PRIST DEEMED TO BE UNIVERSITY

VALLAM, THANJAVUR – 613 403

March-2020

*[Signature]*

H.O.D.

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

*[Signature]*

Dean

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





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

### Declaration

I do hereby declare that the work entitled “INFLUENCE OF TOPOGRAPHY ON SOIL PROFILE CHARACTERISTICS AND FERTILITY” 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. K. Selvaraj. 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: 9.3.2020

Signature of Research Scholar  
(R.KOWSALYA)

H.O.D.

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

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



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

Dr. K. SELVARAJ  
Assistant Professor

Bona-Fide Certificate

This is to certify that the thesis entitled "INFLUENCE OF TOPOGRAPHY ON SOIL PROFILE CHARACTERISTICS AND FERTILITY", submitted by R. Kowsalya 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:

Research Guide

Seal

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

Dean  
School of Arts & Science  
Ponnaiyah Ramajayam Institute of  
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Vallam, Thanjavur - 613 403.



**PPRIST**  
UNIVERSITY  
HASSA ACADEMICALS  
THANJAVUR - 613003 TAMILNADU

**RESEARCH PROJECT**  
**M.Phil. MATHEMATICS**

**2019-2020**



**PRIST**  
DEEMED TO BE  
**UNIVERSITY**  
NAAC ACCREDITED  
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.	THIRTHALINGAM .P	M.Phil., Mathematics	1901MA30101	Fuzzy Mathematical Model On Gonorrhoea Transmission Mathematical Model On Gonorrhoea Transmission	Hindu Mission Hospital General Hospital 103, Grand Southern Trunk Rd
2.	JAYASRI.V	M.Phil., Mathematics	1901MA30201	Mathematical Model On Hearing Mechanism	Murugan Hospitals General Hospital 264, 125, Kilpauk Garden Road
3.	GOVARASAN .K	M.Phil., Mathematics	1901MA30102	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.	GAYATHRI .D	M.Phil., Mathematics	1901MA30202	Agricultural Financing And Economic Growth In Nigeria	Meiyur Agricultural Training Pvt Ltd Training Centre In Chennai, Tamil Nadu
5.	SNEGA .R	M.Phil., Mathematics	1901MA30203	Effects Of Different Processing Techniques On The Organoleptic Quality	Center For Research On Sustainable Agriculture And Rural Development X6wx+W3f, Tharamani, Cit Campus, Tharamani, Chennai, Tamil Nadu 600113

*D. Jeyaraman*

H.O.D.

DEPARTMENT OF MATHEMATICS  
PRIST DEEMED TO BE UNIVERSITY  
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*SS*


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

	I. Pricla	M.Phil., Mathematics	1901MA30204	Impact Of Agricultural Development On Nigeria Economic Growth	Sathviga Integrated Agro Farms 54, Reddy Kuppam Rd, Panneerselvam Nagar, Saidapet, Chennai, Tamil Nadu 600015
7.	R.Virginiya	M.Phil., Mathematics	1901MA30205	Influence Of Topography On Soil Profile Characteristics And Fertility	Grace Agri Products Garden Center In Chennai, TamilNadu
8.	S.Sushmitha	M.Phil., Mathematics	1901MA30206	Impact Of Loan Acquisition On Agriculture	Tamil Nadu Agricultural University Training Centre In Chennai, Tamil Nadu
9.	N.Nithya	M.Phil., Mathematics	1901MA30207	Extract As A Means Of Extending The Shelf- Life Of Locally Brewed Sorghum Beer	National Agro Foundation Non-Governmental Organization In Chennai, Tamil Nadu
10.	J.Jose Acciliya	M.Phil., Mathematics	1901MA30208	Mathematical Models Of Control Measures In The Spread Of fever	Lifeline Hospitals Private Hospital In Chennai, Tamil Nadu
11.	Magesh V	M.Phil., Mathematics	1901MA30104	Fuzzy Mathematical Analysis Of Hemodynamic Pulse Wave In Human Fluid-Structure Interaction	Dr.Kamakshi Memorial Hospitals Hospital In Chennai, Tamil Nadu
12.	Mathan Kumar V	M.Phil., Mathematics	1901MA30103	fuzzy Mathematical Model On The Dynamics Of Ebola Virus Diseases In Human Population	Venkataeswara Hospitals General Hospital In Chennai, Tamil Nadu
13.	Pragathi R	M.Phil., Mathematics	1901MA30209	A Study Of The Use Of Lagrangian Multiplier's And Karush Kuhn- Tucker's Methods Of Solving Non Linear	Arokia Annai Hospital Physiotherapy Center Chennai, Tamil Nadu



H.O.D.

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Vilupattur, Thanjavur - 613 403.

				Programming Problems (Nlpp's)	
14.	Abdul Rahman S	M.Phil., Mathematics	1901MA30105	Dengu Transmission In Sickle Cell Populace	Apollo Hospital Chennai Hospital Greams Lane, 21, Greams Rd
15.	Swetha S	M.Phil., Mathematics	1901MA30210	Fuzzy Mathematical Model On Gonorrhoea Transmission	Hindu Mission Hospital General Hospital 103, Grand Southern Trunk Rd
16.	Aswin Raj S	M.Phil., Mathematics	1901MA30106	Mathematical Model On Hearing Mechanism	Murugan Hospitals General Hospital 264, 125, Kilpauk Garden Road
17.	Priyadharshini S	M.Phil., Mathematics	1901MA30211	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.
18.	Mukilan S	M.Phil., Mathematics	1901MA30107	Effects Of Different Processing Techniques On The Organoleptic Quality Of cow Milk	Meiyur Agricultural Training Pvt Ltd Training Centre In Chennai, Tamil Nadu
19.	Kalpana M	M.Phil., Mathematics	1901MA30212	Effects 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
20.	Sanjana V	M.Phil., Mathematics	1901MA30213	Impact Of Agricultural Development On Nigeria Economic	Sathviga Integrated Agro Farms 54, Reddy Kuppam Rd, Panneerselvam

*B. Srinivasan*

H.O.D.

DEPARTMENT OF MATHEMATICS  
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*S.S.*

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				Growth	Nagar, Saidapet, Chennai, Tamil Nadu 600015
21.	S. Dhivya	M.Phil., Mathematics	1901MA30214	Influence Of Topography On Soil Profile Characteristics And Fertility	Grace Agri Products Garden Center In Chennai, TamilNadu
22.	M. Sharmila	M.Phil., Mathematics	1901MA30215	Fuzzy Mathematical Analysis Of Hemodynamic Pulse Wave In Human Fluid-Structure Interaction	Tamil Nadu Agricultural University Training Centre In Chennai, Tamil Nadu
23.	I. Infant Pricla	M.Phil., Mathematics	1901MA30216	Means Of Extending The Shelf-Life Of Locally Brewed Sorghum Beer	National Agro Foundation Non-Governmental Organization In Chennai, Tamil Nadu
24.	G. Kalavani	M.Phil., Mathematics	1901MA30217	Mathematical Models Of Control Measures In The Spread Of fever	Lifeline Hospitals Private Hospital In Chennai, Tamil Nadu
25.	P. Josi	M.Phil., Mathematics	1901MA30218	Fuzzy Mathematical Analysis Of Hemodynamic Pulse Wave In Human Fluid-Structure Interaction	Dr.Kamakshi Memorial Hospitals Hospital In Chennai, Tamil Nadu
26.	D. Arunkumar	M.Phil., Mathematics	1901MA30108	Fuzzy Mathematical Analysis Of Hemodynamic Pulse Wave In Human Fluid-Structure Interaction	Tamil Nadu Agricultural University Training Centre In Chennai, Tamil Nadu
27.	N.Dhivya	M.Phil., Mathematics	1901MA30219	Means Of Extending The Shelf-Life Of Locally Brewed Sorghum Beer	National Agro Foundation Non-Governmental Organization In Chennai, Tamil Nadu
28.	P.Padmapriya	M.Phil., Mathematics	1901MA30220	Mathematical Models Of Control Measures In The Spread Of fever	Lifeline Hospitals Private Hospital In Chennai, Tamil Nadu



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Vattam, Thanjavur - 613 .

29.	V.Jayasri	M.Phil., Mathematics	1901MA30220	Means Of Extending The Shelf-Life Of Locally Brewed Sorghum Beer	National Agro Foundation Non-Governmental Organization In Chennai, Tamil Nadu
30.	H.Kalaivani	M.Phil., Mathematics	1901MA30220	Fuzzy Mathematical Analysis Of Hemodynamic Pulse Wave In Human Fluid-Structure Interaction	Tamil Nadu Agricultural University Training Centre In Chennai, Tamil Nadu

*B. Jeyasrin*

H.O.D.

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# A STUDY OF THE USE OF LAGRANGIAN MULTIPLIER'S AND KARUSH KUHN-TUCKER'S METHODS OF SOLVING NON LINEAR

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

Degree of Master of Philosophy in Mathematics

By

R PRAGATHI

(REG NO- 1901MA30209)

DEPARTMENT OF MATHEMATICS



PRIST DEEMED TO BE UNIVERSITY

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*D. Dignam*

H.O.D.

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104

*SS*

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Vallam, Thanjavur

March-2020



R PRAGATHI

PRIST UNIVERSITY,

Vallam Thanjavur - 613 403

Tamil Nadu,

Declaration

I do hereby declare that the work entitled "A STUDY OF THE USE OF LAGRANGIAN MULTIPLIER'S AND KARUSH KUHN-TUCKER'S METHODS OF SOLVING NON LINEAR" submitted by me to the PRIST DEEMED TO BE UNIVERSITY, Thanjavur-613 403 for Project work carried out by me under the supervision of Associate Professor Dr.V.Vijayabharathi. 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: 17.3.2020

*Dr. D. J. Jeyaraj*

H.O.D.

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

105

*[Handwritten Signature]*

Dean  
School of Arts & Sciences  
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Vallam, Thanjavur - 613 403.

Signature of Research Scholar  
(R PRAGATHI)

R PRAGATHI  
PRIST UNIVERSITY,  
VallamThanjavur – 613 403  
Tamil Nadu,



Dr. V. VIJAYABHARATHI

Associate Professor

Bona-Fide Certificate

This is to certify that the thesis entitled "A STUDY OF THE USE OF LAGRANGIAN MULTIPLIER'S AND KARUSHI KUHN-TUCKER'S METHODS OF SOLVING NON LINEAR", submitted by R. Pragathi 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:

Research Guide

Seal

H.O.D.

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DEPARTMENT OF ENGLISH

B.A. ENGLISH

17111BRC56 – PARTICIPATION IN BOUNDED RESEARCH

2019-2020

S.No	Name	Register number	Title
1	S.Bhuvaneshwari	1701EN1001	Costume And Make-Up As Variable tools For Cultural Promotion And Tourism: A Study of Nigerian Home Videos
2	H.Mumtajibegam	1701EN1002	The Role of Africa Independent Television In Promoting Popular Culture Among Youths In Kaduna Metropolis
3	C.Sivaranjani	1701EN1003	A Feminist Reading Mobolaji Adenubi's Empty Arms And Hilary Rouse-Amadi's Amina
4	S.Vinitha	1701EN1004	A Metaphysical Analysis of Amos Tutuola's The Palmwine Drinkard And D.O. Fagunwa's The Forest of God
5	A.Nivethitha	1701EN1005	A Pragmatic Analysis of Christain Hand Bills And Posters
6	A.Sowmika	1701EN1006	A Stylistic Analysis of Akachi Adimora-Ezeigbo's Trafficked
7	S.Akilandeswari	1701EN1007	A Stylistic Analysis of Selected Niyi Osundare's Socio-Political Poetry
8	S.Aatheeswari	1701EN1008	A Stylistic Analysis of Some Selected Poems of Wole Soyinka
9	V.Karthik	1701EN1009	Aesthetic of Africanism in Camara Laye's The African Child And The Radiance of The King

*K. Shilpa*

HOD

Department of English  
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*HS*

Dean

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

**A Feminist Reading of Mobolaji Adenubi's Empty Arms And  
Hilary Rouse-Amadi's Amina**

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

**BACHELOR OF ARTS**

**IN ENGLISH**

**By**

**C.Sivaranjani**

**(REG. No : 1701EN1003)**



**DEPARTMENT OF ENGLISH**

**PONNAIYAH RAMAJAYAM INSTITUTION OF SCIENCE & TECHNOLOGY**

**THANJAVUR - 613 403.**

**November - 2019**



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

*Student Participation in Bounded Research*

Research Related Task Allotment

I. Student Details

- Name of the Student : *Sivaranyani C*
- Register No. : *1701EN1003*
- Programme & Branch : *B.A English* Batch: *2017* Semester: *V*

II. Faculty Advisor Details

- Name of the Faculty Advisor : *M. Amalraj*
- Designation: *Assistant Professor* Department: *English*

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

*"A Feminist Reading of Mobolaji Adenubi's Empty Arms and Hilary Rouse - Amadi Aminu"*

ii. Date of Allotment of the Task:

*19.09.2019*

iii. Due Date Proposed for Completion of Task:

*12.11.2019*

Signature of the Student: *C. Sivaranyani*

*Amalraj*  
Signature of the Faculty Advisor

Date: *12.11.2019*

*[Signature]*  
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 : SIVARANJANI . C
- Register No. : 1701EN1003
- Programme & Branch : B.A ENGLISH Batch: 2017 Semester: V

II. Faculty Advisor Details

- Name of the Faculty Advisor : M. AMALRAJ
- Designation: ASSISTANT PROFESSOR Department: ENGLISH

III. Details of the Task Undertaken:

i. Details of the Task:

A Feminist, Reading Mobolaji Adenubi's Empty Arms and Hilary Rouse - Amadi's Amina.

ii. Date of Allotment of the Task:

19.09.2019

iii. Date of Completion of the

12.11.2019.

Task:

IV. Declaration of the Student

I, SIVARANJANI . C, a student of B.A English Programme (Reg.No.1701EN1003), hereby declare that I have completed the Research Related Task "A Feminist Reading Mobolaji Adenubi's Empty Arms and Hilary Rouse - Amadi's Amina" upto the satisfaction of my Advisor and have submitted all related records to him on 12.11.2019. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 12.11.2019

Amalraj  
Faculty Advisor

C. Sivaranjani .  
Signature of the Student

K. Smita  
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 : Sivaranjani .C
Register No. : 1701EN1003
Programme & Branch : B.A English
Date : 2017
Semester : V

II. Faculty Advisor Details

- Name of the Faculty Advisor : AMalRaj. M
Designation: Assistant Professor
Department: English

III. Details of Research Related Task Allotted:

- i. Details of the Task Allotted: A Feminist Reading Mobologi; Adenubi's Empty Arms and Hilary Rouses Amadi's Omina
ii. Date of Allotment of the Task: 19.09.2019
iii. Date of Completion of the Task: 12.11.2019.

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. SIVARANJANI.C a bonafide student of B.A ENGLISH. (Reg.No. 1701EN1003) who has been allotted a Research Related Task "A Feminist Reading Mobologi Adenubi's Empty arms and Hilary Rouses Amadi" on 19.09.19 has successfully completed the above mentioned task on 12.11.19 to my satisfaction and has submitted all task completion related records to me.

Date: 12.11.19

Signature of the Faculty Advisor
HOD





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DEPARTMENT OF ENGLISH

M.A. ENGLISH

17211PRW45-PROJECT

2019-2020

S.N.O	Name	Register number	Title
1	KALANITHI .S.A	1801EN20101	Uses of Active listening and enhancing listening techniques
2	PRASATH .B	1801EN20102	Identifying the ways in recent techniques to become effective listener
3	AKASH .S	1801EN20103	Verbal and non verbal rules from a different culture and influence of listening abilities
4	KARUPPAIYA .S	1801EN20104	Strategies for developing speaking skills.
5	RAMESH B	1801EN20105	Strategies to improve writing skills.
6	SANDHIYA S	1801EN20201	Attitude of learners towards learning of grammar at the Tertiary Level.
7	ABISHAMARY L	1801EN20202	"Lingua Franca" -The Language English.
8	REXICX PRIYADHARSHINI T	1801EN20203	Pronunciations in route Phonetics
9	MADHUVANTHI .A	1801EN20204	Role of Kinesics in Communication skills
10	NIROSHA K	1801EN20205	Diary -your word creates your world.
11	KAMALI E	1801EN20206	Spontaneity (impromptu) in Public speaking.
12	KARTHIKA J	1801EN20207	Pronunciation varies in various cultures.

**HOD**

Department of English  
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Vallam, Thanjavur - 613 403.

**Dean**

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

# Uses of Active listening and enhancing listening Techniques

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

**MASTER OF ARTS IN ENGLISH**

By

**KALANITHI .S.A**

**(REG. No: 1801EN20101)**



**DEPARTMENT OF ENGLISH**

**PONNAIYAH RAMAJAYAM INSTITUTION OF SCIENCE & TECHNOLOGY**

**THANJAVUR - 613 403.**

**March - 2020**



## Declaration

I S.A.KALANITHI hereby declare that the work presented in the research "Uses of Active listening and enhancing listening Techniques" 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 "Ms.S.Santhiya, 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: 12.05.2020

S. Kalanithi  
Signature of the Research Scholar



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**UNIVERSITY**  
NAAC ACCREDITED  
THANJAVUR - 613 403 - TAMILNADU

Ms.S.Santhiya,

Assistant Professor

Department of English,

PRIST University,

#### **Bona-fide Certificate**

This is to certify that the research titled "Uses of Active listening and enhancing listening Techniques", submitted by "S.A.KALANITHI" 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: 12.05.2024

  
Signature of the Guide



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**1.3.4 NUMBER OF STUDENTS UNDERTAKING RESEARCH PROJECTS**  
**DEPARTMENT OF ENGLISH**  
**M.Phil. ENGLISH - PROJECT**  
**2019-2020**

S.N.O	Name	Register number	Title
1	Radha V	1901EN3001	Feminine aspects in Anita Desai's "The Cry the Peacock"
2	Saranya .S	1901EN3002	Communication strategies to become a successful professional.
3	Karthikarubasri .L	1901EN3003	Analysis on Mouth to Mouth - Acquiring speaking skills.
4	Sivaranjani .S	1901EN3004	Importance of Audio - Visual aids in Utility lab.
5	Rathinapriya P	1901EN3005	Effective documentation - Acquiring writing skills.
6	Kowsalya S	1901EN3006	Women empowerment in India to counter sexual assaults and crimes.
7	Mekala R	1901EN3007	Trace out the village culture in Ruskin bond's "The Handful of nuts".
8	Manjula R	1901EN3008	The theme of innocence in Sarojini Naidu's "The village girl"
9	Dharani R	1901EN3009	Literature in English Language Teaching - A Syntactical Study on O Henry Short Stories
10	Sureshkumar Ayyavoo	1901EN3010	English Language in Print and Electronic Media - Its influence on Language Learners
11	Asia Begam A	1901EN3011	The relationship between reading comprehension and strategies of Readers.
12	Shanmuga Priya M	1901EN3012	Systematic Writings for Manuals and brochures - Present Day trends in Writing Business English
13	Jooly Joseph J	1901EN3013	Tragic Elements and Morality in Ancient Greek Drama. Source: <a href="https://writer.com/literature-research-paper-topics">https://writer.com/literature-research-paper-topics</a>
14	Sheelajoy S	1901EN3014	Existential Themes in Albert Camus's "The Stranger".
15	Laiji A T	1901EN3015	Elements of Surrealism in Gabriel Garcia Márquez's "One Hundred Years of Solitude".
16	Rejitha R	1901EN3016	Symbolism in F. Scott Fitzgerald's "The Great Gatsby"
17	Porselvi S	1901EN3017	Theme of Love in "Romeo and Juliet".
18	Subaashini M	1901EN3018	Human Nature in "Lord of the Flies"
19	Priya K	1901EN3019	Heroism in "Beowulf": An Analysis.
20	Aravind P	1901EN3020	Comparing Bronte Sisters: Themes in "Jane Eyre" and "Wuthering Heights"
21	Abinaya P	1901EN3021	Animal Imagery in Orwell's "Animal Farm".

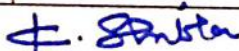
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22	Surya R	1901EN3022	Dystopian Projections in Margaret Atwood's "Oryx and Crake".
23	Rajeshwari S	1901EN3023	Existential Concerns in Kafka's "The Trial".
24	Durga Devasena M	1901EN3024	Loss and Regret in Ian McEwan's "Atonement".
25	Roshan Kaduthus R	1901EN3025	Power Dynamics in William Golding's "Lord of the Flies".
26	Praveenkumar K	1901EN3026	Unveiling Transcendentalism in Thoreau's "Walden".
27	Febin J	1901EN3027	Violence and Rebellion in Anthony Burgess's "A Clockwork Orange".
28	Pavithra Devi K	1901EN3028	Unmasking Symbolism: Interpreting Imagery in "To Kill a Mockingbird".
29	Jafrin Begam S	1901EN3029	Tracing Gothic Themes in Mary Shelley's "Frankenstein".
30	Nireshma S	1901EN3030	Postmodernist Techniques in Kurt Vonnegut's "Slaughterhouse-Five".
31	Ligia Juarnita E	1901EN3031	Southern Gothic and Memory in William Faulkner's "A Rose for Emily".
32	Menaka S	1901EN3032	Dystopian Societies: A Comparative Study of George Orwell's "1984" and Aldous Huxley's "Brave New World".
33	Alphonse Silviya J	1901EN3033	Cultural Displacement and Identity in Amy Tan's "The Joy Luck Club".
34	Manjula . S	1901EN3034	Manifestations of the American Dream in F. Scott Fitzgerald's "The Great Gatsby".
35	Pragathishwari R	1901EN3035	Interpretation of Dreams and Reality in Lewis Carroll's "Alice in Wonderland".
36	Nalini T	1901EN3036	Human Morality and Ethics in Albert Camus' "The Stranger".
37	Sai Sakthi V	1901EN3037	Parallels Between War and Chess in Stefan Zweig's "The Royal Game".
38	Kumaresan S	1901EN3038	Stream of Consciousness Technique in James Joyce's "Ulysses".
39	Shanmugam A	1901EN3039	Understanding Death Through Emily Dickinson's Poetry.
40	Pandiyan R	1901EN3040	Inquiries Into the Absurd in Albert Camus's "The Stranger".
41	Ashokumar S	1901EN3041	Delineation of Feminine Strength in Jane Austen's "Persuasion".
42	Thirumalai G	1901EN3042	Exploring Cultural Identity in Jhumpa Lahiri's "The Namesake".
43	Ganesh A	1901EN3043	Dissecting Racism in Harper Lee's "To Kill a Mockingbird".
44	Rathimeena B	1901EN3044	Journey Motif in J.R.R. Tolkien's "The Lord of the Rings".
45	Vimala K	1901EN3045	Dissecting Racism in Harper Lee's "To Kill a Mockingbird".
46	Prabhu S	1901EN3046	Exploration of Spirituality in Hermann Hesse's "Siddhartha".
47	Kaliarasan H	1901EN3047	Deciphering Nature Imagery in William Wordsworth's Poetry.
48	Rajkumar G	1901EN3048	Delineation of Social Status in Edith Wharton's "The Age of Innocence".
49	Yamuna M	1901EN3049	Dissecting Rebellion in George Orwell's "1984".

  
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**Literature in English Language Teaching - A Syntax cal Study  
on O Henry Short Stories**

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

**MASTER OF PHILOSOPHY**

**IN ENGLISH**

by

**Dharani R**

**(REG. No : 1901EN3009)**



**DEPARTMENT OF ENGLISH**

**PONNAIYAH RAMAJAYAM INSTITUTION GROUP OF SCIENCE & TECHNOLOGY**

**THANJAVUR - 613 403.**

**March - 2020**



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### Declaration

I Dharani R hereby declare that the work presented in the research "Literature in English Language Teaching - A Syntactical Study on O Henry Short Stories" 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.V.Deepa, Associate 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: 12.05.20

R. Dharani.  
Signature of the Research Scholar





Dr.V.Deepa,  
Associate Professor  
Department of English,  
PRIST University.

### Bona-fide Certificate

This is to certify that the research titled "Literature in English Language Teaching - A Syntactical Study on O Henry", submitted by "R.Dharani" to the PRIST Deemed To Be 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 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: 12.05.2020

  
Signature of the Guide



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1.3.3 Number of students undertaking field projects / research projects / internships during the year  
 ACADEMIC YEAR 2019-2020  
 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	1702CM1001	DEEPA.K	RESEARCH PROJECT	A STUDY ON BRAND LOYALTY CUSTOMERS TOWARDS SMARTPHONES THANJAVUR CITY
2	B.COM	1702CM1002	PRAKASH.P	RESEARCH PROJECT	A STUDY ON IMPACT OF FOREIGN ACCOUNTING ON THE PROFITABILITY QUOTED BANK IN KUMBakonam

3	B.COM	1702CM1003	AARTHIG	RESEARCH PROJECT	A STUDY ON IMPACT OF CRYPTOCURRENCY ADOPTION ON FINANCIAL MARKETS IN THANJAVUR
4	B.COM	1702CM1004	TAMIL ALAGIR	RESEARCH PROJECT	A STUDY ON FINANCIAL INCLUSION STRATEGIES FOR UNBANKED POPULATIONS IN THANJAVUR
5	B.COM	1702CM1005	ABINAYA.E	RESEARCH PROJECT	A STUDY ON CORPORATE GOVERNANCE AND FIRM PERFORMANCE: A GLOBAL PERSPECTIVE IN THANJAVUR
6	B.COM	1702CM1006	MOHAMED YASIN.A	RESEARCH PROJECT	A STUDY ON ROLE OF ARTIFICIAL INTELLIGENCE IN PERSONALIZED MARKETING IN KUMBakonam
7	B.COM	1702CM1007	BHUVANESHWARJ.S	RESEARCH PROJECT	A STUDY ON CYBERSECURITY THREATS IN E-COMMERCE: CHALLENGES AND SOLUTIONS IN KUMBakonam
8	B.COM	1702CM1008	HARIHARAN.M	RESEARCH PROJECT	A STUDY ON GREEN ACCOUNTING PRACTICES AND ENVIRONMENTAL PERFORMANCE IN THANJAVUR

9	B.COM	1702CM1010	FAYAZ AHAMED.S	RESEARCH PROJECT	A STUDY ON EXPLORING THE POTENTIAL OF BLOCKCHAIN TECHNOLOGY IN TRADE FINANCE IN THANJAVUR
10	B.COM	1702CM1011	HEMALATHA.R	RESEARCH PROJECT	A STUDY ON BEHAVIORAL FINANCE: UNDERSTANDING INVESTOR DECISION-MAKING IN THANJAVUR
11	B.COM	1702CM1014	KARTHIS	RESEARCH PROJECT	A STUDY ON EFFECTIVENESS OF CORPORATE SOCIAL RESPONSIBILITY INITIATIVES IN KUMBakonAM
12	B.COM	1702CM1015	NANDHIINI.M	RESEARCH PROJECT	A STUDY ON DIGITAL TRANSFORMATION STRATEGIES FOR SMALL AND MEDIUM ENTERPRISES IN KUMBakonAM
13	B.COM	1702CM1016	MOHAMED ASARUDEEN.S	RESEARCH PROJECT	A STUDY ON IMPLICATIONS OF BREXIT ON INTERNATIONAL BUSINESS AND TRADE IN KUMBakonAM

14	B.COM	1702CM1017	JANANI.G	RESEARCH PROJECT	A STUDY ON FUTURE OF RETAIL: AUGMENTED REALITY INSHOPPING EXPERIENCES IN THANJAVUR
15	B.COM	1702CM1019	AISHA.S	RESEARCH PROJECT	A STUDY ON CHALLENGES AND OPPORTUNITIES INHEALTHCARE MANAGEMENTIN KUMBAKONAM
16	B.COM	1702CM1021	BILAL AHAMED.M	RESEARCH PROJECT	A STUDY ON IMPACT OF E-PAYMENT SYSTEMS ON TRADITIONAL BANKING SERVICES IN KUMBAKONAM
17	B.COM	1702CM1023	KAVIN.M	RESEARCH PROJECT	A STUDY ON SUSTAINABILITY REPORTING A COMPARATIVEANALYSIS OF PRACTICES IN THANJAVUR
18	B.COM	1702CM1024	SIRANJEEVI.K	RESEARCH PROJECT	A STUDY ON GLOBALIZATION AND CULTURAL DIVERSITY INCROSS-BORDER Mergers in KUMBAKONAM
19	B.COM	1702CM1025	SHAJATH AHAMED.B	RESEARCH PROJECT	A STUDY ON ROLE OF BIG DATA ANALYTICS IN BUSINESSINTELLIGENCE IT THANJAVUR

20	B.COM	1702CM1028	MOUNIZA. V.S	RESEARCH PROJECT	A STUDY ON CORPORATE FRAUD DETECTION: ADVANCES INFORENSIC ACCOUNTING IN KUMBAKONAM
21	B.COM	1702CM1029	PRADEEP KUMAR.K	RESEARCH PROJECT	A STUDY ON CROSS-CULTURAL MANAGEMENT INMULTINATIONAL CORPORATIONS IN THANJAVUR
22	B.COM	1702CM1030	REVATHI.M	RESEARCH PROJECT	A STUDY ON RISE OF SUSTAINABLE TOURISM: CASE STUDIESIN ECO-FRIENDLY DESTINATIONS IN THANJAVUR
23	B.COM	1702CM1031	PRIYAR	RESEARCH PROJECT	A STUDY ON DIGITAL MARKETING STRATEGIES FOR EMERGINGMARKETS IN KUMBAKONAM
24	B.COM	1702CM1032	SHAIK ABDULLAH.A	RESEARCH PROJECT	A STUDY ON HEALTH INFORMATION EXCHANGE AND PATIENTDATA SECURITY IN THANJAVUR

25	B.COM	1702CM1033	GAYATHRI.G	RESEARCH PROJECT	A STUDY ON MOBILE BANKING ADOPTION FACTORS AFFECTING CUSTOMER BEHAVIOR IN THANJAVUR
26	B.COM	1702CM1034	HARIHARAN.S	RESEARCH PROJECT	A STUDY ON IMPACT OF COVID-19 ON GLOBAL SUPPLY CHAINS IN KUMBakonam
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28	B.COM	1702CM1036	GOMATHI.B	RESEARCH PROJECT	A STUDY ON ADOPTION AND IMPACT OF FINTECH IN DEVELOPING ECONOMIES IN KUMBakonam
29	B.COM	1702CM1037	MOHAMED SAFEQ NASURUDEEN.A	RESEARCH PROJECT	A STUDY ON STRATEGIES FOR MANAGING CROSS-BORDER TAXATION CHALLENGES IN KUMBakonam

30	B.COM	1702CM1039	PUGAZHENTHIGI.J	RESEARCH PROJECT	A STUDY ON SUSTAINABLE BUSINESS MODELS IN RENEWABLE ENERGY INDUSTRIES IN THANJAVUR
31	B.COM	1702CM1042	MOHAMED NAZAR..J	RESEARCH PROJECT	A STUDY ON ROLE OF E-COMMERCE IN RURAL ECONOMIC DEVELOPMENT IN KUMBAKONAM
32	B.COM	1702CM1043	DRAVIDASELVAN.G	RESEARCH PROJECT	A STUDY ON CORPORATE RISK MANAGEMENT IN AN UNCERTAIN BUSINESS ENVIRONMENT IN THANJAVUR
33	B.COM	1702CM1044	VISHAL KESHA V.D	RESEARCH PROJECT	A STUDY ON EXPLORING THE LINK BETWEEN EMPLOYEE SATISFACTION AND CUSTOMER LOYALTY IN KUMBAKONAM
34	B.COM	1702CM1046	V.RAJESWARI	RESEARCH PROJECT	A STUDY ON IMPACT OF TRADE WARS ON GLOBAL BUSINESS OPERATIONS IN THANJAVUR



35	B.COM	1702CM1047	R RAJKUMAR	RESEARCH PROJECT	A STUDY ON STRATEGIES FOR EFFECTIVE CRISIS COMMUNICATION IN PUBLIC RELATIONS IN KUMBakonAM
36	B.COM	1702CM1048	BHARATHIS	RESEARCH PROJECT	A STUDY ON INTEGRATING ENVIRONMENTAL, SOCIAL, AND GOVERNANCE (ESG) FACTORS IN INVESTMENT DECISIONS IN THANJAVUR
37	B.COM	1702CM1049	AKILA.S	RESEARCH PROJECT	A STUDY ON PSYCHOLOGY OF PRICING: UNDERSTANDING CONSUMER PERCEPTIONS IN KUMBakonAM
38	B.COM	1702CM1050	N.ALAGARSAMY	RESEARCH PROJECT	A STUDY ON INTERNATIONAL TRADE AGREEMENTS AND THEIR IMPACT ON BUSINESS PRACTICES IN THANJAVUR
39	B.COM	1702CM1051	K.HARI KRISHNAN	RESEARCH PROJECT	A STUDY ON CUSTOMER SATISFACTION O: DIGITAL MARKETING IN THANJAVUR CITY
40	B.COM	1702CM1053	A.SINGA RASU	RESEARCH PROJECT	A STUDY ON EXPLORING THE ROLE OF GAMIFICATION IN MARKETING STRATEGIES IN KUMBakonAM

41	B.COM	1702CM1054	M.SURIYAMUTHU	RESEARCH PROJECT	A STUDY ON FINANCIAL LITERACY PROGRAMS AND THEIR INFLUENCE ON INVESTMENT DECISIONS IN KUMBAKONA
42	B.COM	1702CM1055	M.AARTHI	RESEARCH PROJECT	A STUDY ON SUSTAINABLE PACKAGING SOLUTIONS IN THE FAST-MOVING CONSUMER GOODS (FMCG) SECTOR IN THANJAVUR
43	B.COM	1702CM1056	N.SRIRENGANATHAN	RESEARCH PROJECT	A STUDY ON INFLUENCE OF CULTURAL INTELLIGENCE ON INTERNATIONAL BUSINESS NEGOTIATIONS IN THANJAVUR
44	B.COM	1702CM1057	G.SATHISH KUMAR	RESEARCH PROJECT	A STUDY ON SOCIAL MEDIA INFLUENCER MARKETING:TRENDS AND EFFECTIVENESS IN KUMBAKONAM
45	B.COM	1702CM1058	S.JANESHWARAN	RESEARCH PROJECT	A STUDY ON CORPORATE SOCIAL RESPONSIBILITY REPORTING AND STAKEHOLDER PERCEPTIONS IN THANJAV

46	B.COM	1702CM1059	M.MARUTHU PANDIYN	RESEARCH PROJECT	A STUDY ON CHALLENGES IN IMPLEMENTING CLOUD COMPUTING IN FINANCIAL INSTITUTIONS IN KUMBAKONAM
47	B.COM	1702CM1060	C.MATHISUTHAKARAN	RESEARCH PROJECT	A STUDY ON ROLE OF E-COMMERCE PLATFORMS IN RURAL ENTREPRENEURSHIP IN THANJAVUR
48	B.COM	1702CM1061	P.SEENU	RESEARCH PROJECT	STRATEGIES FOR MANAGING SUPPLY CHAIN DISRUPTIONS IN A GLOBALIZED ECONOMY IN KUMBAKONAM
49	B.COM	1702CM1062	VP.KALITH	RESEARCH PROJECT	A STUDY ON IMPACT OF ECONOMIC SANCTIONS ON GLOBAL TRADE IN THANJAVUR
50	B.COM	1702CM1063	M.CHARANPANDIYAN	RESEARCH PROJECT	A STUDY ON ADOPTION OF CONTACTLESS PAYMENT SYSTEMS: CONSUMER PERCEPTIONS AND BEHAVIORS IN KUMBAKONAM
51	B.COM	1702CM1064	KARTHIKEYAN .G	RESEARCH PROJECT	A STUDY ON INFLUENCE OF CULTURAL FACTORS ON CONSUMER ETHICAL DECISION-MAKING IN THANJAVUR

52	B.COM	1702CM1065	SURYANARAYANAN .A	RESEARCH PROJECT	A STUDY ON ROLE OF BUSINESS ANALYTICS IN OPTIMIZING OPERATIONAL EFFICIENCY KUMBakonam
53	B.COM	1702CM2001	G.ILLAKIYAMARY	RESEARCH PROJECT	A STUDY ON STRATEGIES FOR MITIGATING THE FINANCIAL IMPACT OF NATURAL DISASTERS ON BUSINESSES IN THANJAVUR

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1	M.COM	1802CM2001	VIJAYARAHAVI.K	RESEARCH PROJECT H PROJECT	A PROJECT REPORT ON LOANS AND ADVANCES AT HDFC BANK AT THANJAVUR CITY
2	M.COM	1802CM2002	LAVANYA.N	RESEARCH PROJECT	A PROJECT REPORT ON WORKING CAPITAL MANAGEMENT ON DALMIA CEMENT, ARYALUR
3	M.COM	1802CM2003	TUYISHIME CHARLOTTE CARINE	RESEARCH PROJECT	A PROJECT REPORT ON LIQUIDITY AND PROFITABILITY PERFORMANCE ULTRA TECH CEMENT, KUMBakonam DISTRICT
4	M.COM	1802CM2004	PRAVEENA.S	RESEARCH PROJECT	A PROJECT REPORT ON COST SYSTEM AT HYUNDAI MOTORS

				SUMATHI.K		RESEARCH PROJECT	A PROJECT REPORT ON A STUDY OF CURRENT ASSET AT COCO-COLA COMPANY
6	M.COM	1802CM2006		PAVITHRA.V		RESEARCH PROJECT	A PROJECT REPORT ON INVENTORY MANAGEMENT AT WIPRO LTD.
7	M.COM	1802CM2007		RUBINA JANSI RANI,S		RESEARCH PROJECT	A COMPARATIVE OF DYNAMIC SHA PRICE OF SELECT COMPANY AT IIFL LTI
8	M.COM	1802CM2008		RAJA.P		RESEARCH PROJECT	A STUDY ON WORKING CAPITAL MANAGEMENT AT ICICI BANK LTD.
9	M.COM	1802CM2009		PRABHAKARAN.R		RESEARCH PROJECT	A STUDY OF CONSUMER BEHAVIOUR TOWARDS ONLINE SHOPPING.

10	M.COM	1802CM2010	DHARANILP	RESEARCH PROJECT	A STUDY ON COMPARATIVE BALANCE SHEET OF WIPRO LTD.
11	M.COM	1802CM2011	BHUVANESWARL.M	RESEARCH PROJECT	A STUDY ON FUND FLOW STATEMENT ANALYSIS AT ASIAN PAINTS LTD.
12	M.COM	1802CM2012	KARTHIGAISEL.VI.A	RESEARCH PROJECT	A STUDY ON CORPORATE SOCIAL RESPONSIBILITY AT RELIANCE INDUSTRY (P).LTD.
13	M.COM	1802CM2013	PONNUSELVAN.M	RESEARCH PROJECT	A STUDY ON INVESTMENT POLICY AT TATA STEEL LTD
14	M.COM	1802CM2014	PRIYANKA.M	RESEARCH PROJECT	A STUDY ON CUSTOMER SATISFACTION TOWARDS JIO SIM USERS IN THANJAVUJ CITY
15	M.COM	1802CM2015	C.SUBHALAKSHMI	RESEARCH PROJECT	A STUDY OF CUSTOMER SATISFACTION TOWARDS E-BANKING SERVICES OF FEDERAL BANK- CHENNAI DISTRICT

16	M.COM	1802CM2016	P.RAJA	RESEARCH PROJECT	ADOPTION BEHAVIOUR OF RETAILERS TOWARDS UNIFIED PAYMENT INTERFACE
17	M.COM	1802CM2017	M.POORNIMA	RESEARCH PROJECT	A STUDY ON CONSUMER'S PERCEPTION ON FOOD APPS

<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	1802CM2001	VIJAYARAHAVLK	RESEARCH PROJECT H PROJECT	A STUDY ON THE IMPACT OF E-COMMERCE SMALL SIZE COMPANIES IS TRICHY
2	M.COM	1802CM2002	LAVANYA.N	RESEARCH PROJECT	A STUDY ON CONSUMER PREFERENCE AWARENESS TOWARDS WRIST WATCHES WITH SPECIAL REFERENCE IN THANJAVUR CITY
3	M.COM	1802CM2003	TUYISHIME CHARLOTTE CARINE	RESEARCH PROJECT	A STUDY ON MARKETING STRATEGIES (MARUTI SUZUKI CARS WITH SPECIAL REFERENCE TO THANJAVUR COTY
4	M.COM	1802CM2004	PRAVEENA.S	RESEARCH PROJECT	A STUDY ON CUSTOMER SATISFACTION TOWARDS SPRITE COOL DRINKS IN SPECIAL REFERENCE TO THANJAVUR DISTRICT

5	M.COM	1802CM2005	SUMATHI.K	RESEARCH PROJECT	A STUDY ON FINANCIAL LITERACY PROGRAMS AND THEIR INFLUENCE ON INVESTMENT DECISIONS IN KUMBAKONAM
6	M.COM	1802CM2006	PAVITHRA.V	RESEARCH PROJECT	A STUDY ON FINANCIAL LITERACY PROGRAMS AND THEIR INFLUENCE ON INVESTMENT DECISIONS IN THANJAVUR
7	M.COM	1802CM2007	RUBINA JANSI RANI.S	RESEARCH PROJECT	A STUDY ON SUSTAINABLE PACKAGING SOLUTIONS IN THE FAST-MOVING CONSUMER GOODS (FMCG) SECTOR KUMBAKONAM
8	M.COM	1802CM2008	RAJA.P	RESEARCH PROJECT	A STUDY ON INFLUENCE OF CULTURAL INTELLIGENCE ON INTERNATIONAL BUSINESS NEGOTIATIONS IN TRICHY
9	M.COM	1802CM2009	PRABHAKARAN.R	RESEARCH PROJECT	A STUDY ON SOCIAL MEDIA INFLUENCER MARKETING: TRENDS AND EFFECTIVENESS IN KUMBAKONAM



10	M.COM	1802CM2010	DHARANIP	RESEARCH PROJECT	A STUDY ON STRATEGIES FOR EFFECTIVE CRISIS COMMUNICATION IN PUBLIC RELATIONS IN KUMBAKONAM
11	M.COM	1802CM2011	BHUVANESWARI. M	RESEARCH PROJECT	A STUDY ON INTEGRATING ENVIRONMENTAL, SOCIAL, AND GOVERNANCE (ESG) FACTORS IN INVESTMENT DECISIONS IN THANJAVUR
12	M.COM	1802CM2012	KARTHIGAISELVI. A	RESEARCH PROJECT	A STUDY ON PSYCHOLOGY OF PRICING: UNDERSTANDING CONSUMER PERCEPTIONS IN KUMBAKONAM
13	M.COM	1802CM2013	PONNUSELVAN. M	RESEARCH PROJECT	A STUDY ON INTERNATIONAL TRADE AGREEMENTS AND THEIR IMPACT ON BUSINESS PRACTICES IN THANJAVUR
14	M.COM	1802CM2014	PRIYANKA. M	RESEARCH PROJECT	A STUDY ON CUSTOMER SATISFACTION DIGITAL MARKETING IN THANJAVUR CI
15	M.COM	1802CM2015	C.SUBHALAKSHMI	RESEARCH PROJECT	A STUDY ON EXPLORING THE ROLE OF GAMIFICATION IN MARKETING STRATEGIES IN KUMBAKONAM

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17	M.COM	1802CM2017	M.POORNIMA	RESEARCH PROJECT	A STUDY ON EXPLORING THE ROLE OF GAMIFICATION IN MARKETING STRATEGIES IN KUMBAKONAM

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<u>SL.NO.</u>	<u>PROGRAM NAME</u>	<u>REG.NO</u>	<u>STUDENT NAME</u>	<u>INTERSHIP/FIELD PROJECT/RESEARC H PROJECT</u>	<u>TITLE OF THE PROJECT</u>
1	M.PHIL	1901CM3001	S.RAM	RESEARCH PROJECT	A STUDY ON CONSUMER PERCEPTION TOWARDS INTERNET BANKING IN THANJAVUR CITY

2	M.PHIL	1901CM3002	SATHYAPRIYA S	RESEARCH PROJECT	A STUDY ON IMPACT OF INFLUENCER MARKETING ON FASHION AND BEAUTY BRANDS IN THANJAVUR
3	M.PHIL	1901CM3003	SWAMINATHAN J	RESEARCH PROJECT	A STUDY ON ASSESSING THE EFFECTIVENESS OF CORPORATE TRAINING PROGRAMS ON EMPLOYEE PERFORMANCE IN THANJAVUR
4	M.PHIL	1901CM3004	SAMSARATH P	RESEARCH PROJECT	A STUDY ON ROLE OF BUSINESS INCUBATORS IN FOSTERING ENTREPRENEURSHIP IN THANJAVUR
5	M.PHIL	1901CM3005	YUVARAJ K	RESEARCH PROJECT	A STUDY ON CONSUMER PERCEPTION TOWARDS ONLINE PAYMENTS IN THANJAVUR CITY

  
 HOD,  
 Department of Commerce  
 Ponnaiyah Ramajayam Institute of  
 Science & Technology (PRIST),  
 Declared as DEEMED TO BE UNIVERSITY  
 THANJAVUR - 613 403.

  
 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 : DEEPA.K
- Register No. : 17DZCM1001
- Programme & Branch : B.Com - Commerce Batch: 2017 - 2020 Semester: V

#### II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. S. RAJENDRAN
- Designation: HEAD OF THE DEPARTMENT 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 Brand Loyalty has become an Important Issue in marketing. there are many research satisfaction has direct effect on brand loyalty which is similar with model 2 in this study.

ii. Date of Allotment of the Task:

01.07.2019

iii. Due Date Proposed for Completion of Task:

01.11.2019

Signature of the Student:

Signature of the Faculty Advisor

Date: 30.10.2019



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 : DEEPA.K
- Register No. : 1702CM1001
- Programme & Branch : B-com - Commerce Batch: 2017-2020 Semester: V

II. Faculty Advisor Details

- Name of the Faculty Advisor : D.V.S. RAJENDRAN
- Designation: HEAD OF THE DEPARTMENT Department: COMMERCE

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

A study on Brand Loyalty of Customers Towards Smart Phones in Thanjavur City

ii. Date of Allotment of the Task:

01-07-2019

iii. Date of Completion of the Task:

01-10-2019

IV. Certificate for Successful Completion of Task


This is to certify that Mr./Ms. DEEPA.K, a bonafide student of B-Com

(Reg.No. 1702CM1001) who has been allotted a Research Related Task “

A study on Brand Loyalty of Customer Towards Smart Phones in Thanjavur City “on  
Smartphones in Thanjavur City, has successfully completed the above mentioned task on 30.10.2019 to my satisfaction and has

submitted all task completion related records to me.

Date: 30.10.2019

  
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 : DEEPA.K
- Register No. : 1702CM1001
- Programme & Branch : B.Com-Commerce Batch: 2017-2020 Semester: V

#### II. Faculty Advisor Details

- Name of the Faculty Advisor : DR. S. RAJENDRAN
- Designation: HEAD OF THE DEPARTMENT Department: COMMERCE

#### III. Details of the Task Undertaken:

i. Details of the Task:

A study on Brand Loyalty of customers Towards smartphones in Thanjavur city

ii. Date of Allotment of the Task:

01-07-2019

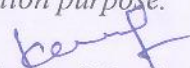
iii. Date of Completion of the Task:


01-07-2019


#### IV. Declaration of the Student

I, DEEPA.K, a student of Commerce-B.Com Programme (Reg.No. 1702CM1001), hereby declare that I have completed the Research Related Task” A study on brand loyalty of customers Towards smartphones in Thanjavur city” upto the satisfaction of my Advisor and have submitted all related records to him on 30.10.2019. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 30.10.2019

  
Signature of the Student

  
Faculty Advisor

  
HOD



**PRIST**  
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**UNIVERSITY**  
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THANJAVUR - 613 403 - TAMIL NADU

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

*A Project Report Submitted  
By*

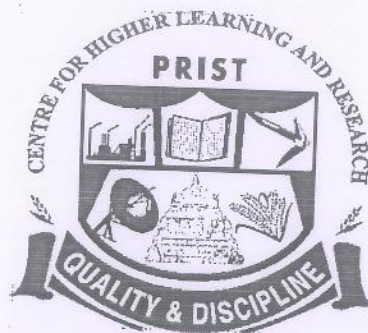
**DEEPA.K**  
**REG. NO. 1702CM1001**  
**COURSE CODE: 17161BRC56**

**BACHELOR OF COMMERCE  
V SEMESTER**

*Under the Guidance of*

**Dr. S. RAJENDRAN., M.Com., M.Phil., Ph.D.,**

**PG & RESEARCH DEPARTMENT OF COMMERCE  
PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY (PRIST)  
DECLARED AS DEEMED-TO-BE-UNIVERSITY  
THANJAVUR – 613 403.**



**November - 2019**




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

**Dr. S. RAJENDRAN., M.Com., M.Phil., Ph.D.,**  
HEAD & ASSISTANT PROFESSOR,  
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 **DEEPA.K (Reg. No. 1702CM1001)** and the project title of "A STUDY ON BRAND LOYALTY OF CUSTOMERS TOWARDS SMARTPHONES 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** 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.

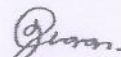
Signature of the Guide/Internal Examiner

  
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

  
DEAN

HEAD  
DEPARTMENT OF COMMERCE  
PRIST UNIVERSITY  
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 : BILAL AHAMED.M
- Register No. : 1702CM1021
- Programme & Branch : B.Com-Commerce Batch: 2017-2020 Semester: V

II. Faculty Advisor Details

- Name of the Faculty Advisor : K. SATHYA
- Designation: Assistant Professor Department: COMMERCE

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

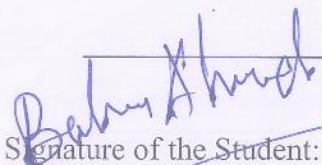
A study on Impact of E-payment systems on Traditional Banking Services in Kumbakonam. The E-payment system has had a considerable impact on the people of Jordan. According to the study E-payment then performed to verify the effect of the E-payment system on customer.

ii. Date of Allotment of the Task:

01.07.2019

iii. Due Date Proposed for Completion of Task:

01.11.2019

  
Signature of the Student:

  
Signature of the Faculty Advisor

Date: 30.10.2019



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 : BILAL AHAMED.M
- Register No. : 1702CM1021
- Programme & Branch : B.Com-Commerce Batch: 2017-2020 Semester: V

II. Faculty Advisor Details

- Name of the Faculty Advisor : K.SATHYA
- Designation: Assistant Professor Department: COMMERCE

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

A study on impact of E-payment systems on traditional Banking services in kumbakonam

ii. Date of Allotment of the Task:

01.07.2019

iii. Date of Completion of the Task:

01.11.2019

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. BILAL AHAMED.M, a bonafide student of 1702CM1021

(Reg.No. 1702cm1021) who has been allotted a Research Related Task " A study on Impact of E-payment-systems on Traditional Banking services in kumbakonam "

\_\_\_\_\_ , has successfully completed the above mentioned task on \_\_\_\_\_ to my satisfaction and has submitted all task completion related records to me.

Date: 30.10.2019

  
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 : **BILAL AHAMED.M**
- Register No. : **1702CM1021**
- Programme & Branch : **B.Com Commerce** Batch: **2017-2020** Semester: **V**

II. Faculty Advisor Details

- Name of the Faculty Advisor : **K. SATHYA**
- Designation: **Assistant professor** Department: **COMMERCE**

III. Details of the Task Undertaken:

i. Details of the Task:

**A study on Impact of E-payment systems on Traditional Banking services in Kumbakonam**

ii. Date of Allotment of the Task:

**01-07-2019**

iii. Date of Completion of the Task:

**01-11-2019**

IV. Declaration of the Student

I, **BILAL AHAMED.M**, a student of **B.Com** Programme (Reg.No. **1702CM1021**), hereby declare that I have completed the Research Related Task " **A study on Impact of E-payment systems on Traditional Banking services in Kumbakonam** " upto the satisfaction of my Advisor and have submitted all related records to him on **30.10.2019** Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: **30.10.2019**

**K.Sy**  
Faculty Advisor

**Bilal Ahmed**  
Signature of the Student

**[Signature]**  
HOD



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

**A STUDY ON IMPACT OF E-PAYMENT SYSTEMS ON TRADITIONAL BANKING  
SERVICES IN KUMBAKONAM**

*A Project Report Submitted  
By*

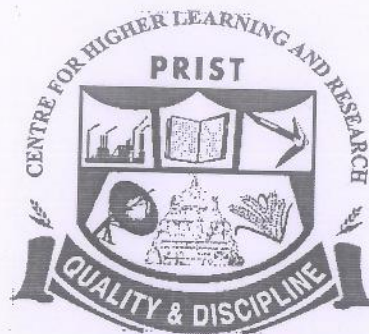
**BILAL AHAMED.M**  
**REG. NO. 1702CM1021**  
**COURSE CODE: 17161BRC56**

**BACHELOR OF COMMERCE  
V SEMESTER**

*Under the Guidance of*

**Prof. K. SATHYA., M.Com., M.Phil.,**

**PG & RESEARCH DEPARTMENT OF COMMERCE  
PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY (PRIST)  
DECLARED AS DEEMED-TO-BE-UNIVERSITY  
THANJAVUR - 613 403.**



**November - 2019**



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

**Prof. K. SATHYA., M.Com., M.Phil.,**  
ASSISTANT PROFESSOR,  
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 BILAL AHAMED.M (Reg. No. 1702CM1021) and the project title of "A STUDY ON IMPACT OF E-PAYMENT SYSTEMS ON TRADITIONAL BANKING SERVICES IN KUMBAKONAM" 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** 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**

*K. Sathya*

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

**Head of the Department**

*[Signature]*

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

**External Examiner**

*[Signature]*  
DEAN

HEAD  
DEPARTMENT OF COMMERCE  
PRIST UNIVERSITY  
THANJAVUR - 613 403.



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

A PROJECT REPORT ON LOANS AND ADVANCES AT HDFC BANK AT  
THANJAVUR CITY

*A Project Report Submitted  
By*

**VIJAYARAHAVI.K**

**REG. NO. 1802CM2001**

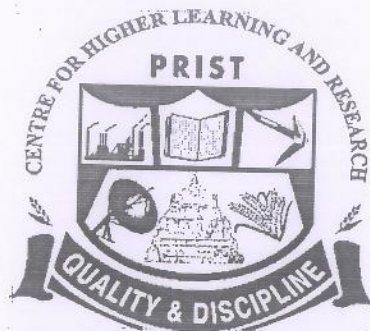
**COURSE CODE: 17261SRC36**

**MASTER OF COMMERCE  
III SEMESTER**

*Under the Guidance of*

**Dr.R. SELVARAJ., M.Com., M.Phil., Ph.D.,**

**PG & RESEARCH DEPARTMENT OF COMMERCE  
PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY (PRIST)  
DECLARED AS DEEMED-TO-BE-UNIVERSITY  
THANJAVUR – 613 403.**



November - 2019



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

**Dr.R. SELVARAJ., M.Com., M.Phil., Ph.D.,**  
ASSISTANT PROFESSOR,  
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 VIJAYARAHAVI.K (Reg. No. 1802CM2001) and the project title of "A PROJECT REPORT ON LOANS AND ADVANCES AT HDFC BANK AT 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 MASTER OF COMMERCE 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

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

External Examiner

DEAN

HEAD  
DEPARTMENT OF COMMERCE  
PRIST UNIVERSITY  
THANJAVUR - 613 403.



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

**A STUDY ON CUSTOMER SATISFACTION TOWARDS SPRITE COOL DRINKS IN  
SPECIAL REFERENCE TO THANJAVUR DISTRICT**

*A Project Report Submitted  
By*

**PRAVEENA.S**

**REG. NO. 1802CM2004**

**MASTER OF COMMERCE**

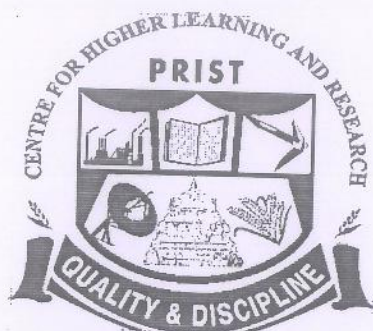
**IV SEMESTER**

**COURSE CODE: 19261PRW45**

*Under the Guidance of*

**Dr.R. SELVARAJ., M.Com., M.Phil., Ph.D.,**

**PG & RESEARCH DEPARTMENT OF COMMERCE  
PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY (PRIST)  
DECLARED AS DEEMED-TO-BE-UNIVERSITY  
THANJAVUR - 613 403.**



**MAY- 2020**





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

**Dr.R. SELVARAJ., M.Com., M.Phil., Ph.D.,**  
ASSISTANT PROFESSOR,  
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 **PRAVEENA.S** (Reg. No. 1802CM2004) and the project title of **“A STUDY ON CUSTOMER SATISFACTION TOWARDS SPRITE COOL DRINKS INSPECIAL REFERENCE TO THANJAVUR DISTRICT”** 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 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**

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

**External Examiner**

DEAN

HEAD  
DEPARTMENT OF COMMERCE  
PRIST UNIVERSITY  
THANJAVUR - 613 403.



**1.3.3 NUMBER OF STUDENTS UNDERTAKING FIELD PROJECTS / RESEARCH PROJECTS /  
 INTERNSHIPS DURING THE YEAR ACADEMIC YEAR 2019-2020**  
**1.3.3 RESEARCH PROJECT**  
**DEPARTMENT OF MANAGEMENT**  
**B.B.A**

<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.B.A	1701BM1010	ABI ARAVIND .M	RESEARCH PROJECT	A STUDY ON BRAND LOYALTY CUSTOMERS TOWARDS SMARTPHONES THANJAVUR CITY
2	B.B.A	1701BM1033	AFRIN .A	RESEARCH PROJECT	A STUDY ON IMPACT OF FOREIGN ACCOUNTING ON THE PROFITABILITY QUOTED BANK IN KUMBakonam

3	B.B.A	1701BM1002	AHAMED UMAR .M	RESEARCH PROJECT	A STUDY ON IMPACT OF CRYPTOCURRENCY ADOPTION ON FINANCIAL MARKETS IN THANJAVUR
4	B.B.A	1701BM1053	AJAY .M	RESEARCH PROJECT	A STUDY ON FINANCIAL INCLUSION STRATEGIES FOR UNBANKED POPULATIONS IN THANJAVUR
5	B.B.A	1701BM1016	ANBAZHAGAN .P	RESEARCH PROJECT	A STUDY ON CORPORATE GOVERNANCE A FIRM PERFORMANCE: A GLOBAL PERSPECTIVE IN THANJAVUR
6	B.B.A	1701BM1054	ARUN MOZHI DEVAN .K	RESEARCH PROJECT	A STUDY ON ROLE OF ARTIFICIAL INTELLIGENCE IN PERSONALIZED MARKETING IN KUMBakonam
7	B.B.A	1701BM1029	ARUNAGIRI .S	RESEARCH PROJECT	A STUDY ON CYBERSECURITY THREATS IN COMMERCE: CHALLENGES AND SOLUTION IN KUMBakonam
8	B.B.A	1701BM1013	ASARUDEEN .A	RESEARCH PROJECT	A STUDY ON GREEN ACCOUNTING PRACTICE AND ENVIRONMENTAL PERFORMANCE IN THANJAVUR

9	B.B.A	1701BM1021	ATCHAYA .M	RESEARCH PROJECT	A STUDY ON EXPLORING THE POTENTIAL BLOCKCHAIN TECHNOLOGY IN TRADE FINANCE IN THANJAVUR
10	B.B.A	1701BM1052	AVINASH YOGESHWARAN .R	RESEARCH PROJECT	A STUDY ON BEHAVIORAL FINANCE: UNDERSTANDING INVESTOR DECISION-MAKING IN THANJAVUR
11	B.B.A	1701BM1055	BARGAVI .N	RESEARCH PROJECT	A STUDY ON EFFECTIVENESS OF CORPORATE SOCIAL RESPONSIBILITY INITIATIVES IN KUMBakonam
12	B.B.A	1701BM1014	DHIVAKAR .N	RESEARCH PROJECT	A STUDY ON DIGITAL TRANSFORMATION STRATEGIES FOR SMALL AND MEDIUM ENTERPRISES IN KUMBakonam
13	B.B.A	1701BM1024	GIRITHARAN S	RESEARCH PROJECT	A STUDY ON IMPLICATIONS OF BREXIT ON INTERNATIONAL BUSINESS AND TRADE IN KUMBakonam

14	B.B.A	1701BM1057	GUNALAN .S	RESEARCH PROJECT	A STUDY ON FUTURE OF RETAIL: AUGMENTED REALITY IN SHOPPING EXPERIENCES IN THANJAVUR
15	B.B.A	1701BM1027	HAMEED .M	RESEARCH PROJECT	A STUDY ON CHALLENGES AND OPPORTUNITIES IN HEALTHCARE MANAGEMENT IN KUMBakonam
16	B.B.A	1701BM1015	JAYASURYA .G	RESEARCH PROJECT	A STUDY ON IMPACT OF E-PAYMENT SYSTEMS ON TRADITIONAL BANKING SERVICES IN KUMBakonam
17	B.B.A	1701BM1008	KAPILAN GANAPATHY GOVINDARAJAN	RESEARCH PROJECT	A STUDY ON SUSTAINABILITY REPORTING COMPARATIVE ANALYSIS OF PRACTICES IN THANJAVUR
18	B.B.A	1701BM1046	KARTHIKEYAN .S	RESEARCH PROJECT	A STUDY ON GLOBALIZATION AND CULTURAL DIVERSITY IN CROSS-BORDER MERGERS IN KUMBakonam
19	B.B.A	1701BM1051	KARUPPAIYA .S	RESEARCH PROJECT	A STUDY ON ROLE OF BIG DATA ANALYTICS IN BUSINESS INTELLIGENCE IN THANJAVUR

		1701BM1012	KAVITHA .P	RESEARCH PROJECT	A STUDY ON CORPORATE FRAUD DETECT ADVANCES IN FORENSIC ACCOUNTING IN KUMBAKONAM
21	B.B.A	1701BM1031	KAYALVIZHI .S	RESEARCH PROJECT	A STUDY ON CROSS-CULTURAL MANAGEMENT IN MULTINATIONAL CORPORATIONS IN THANJAVUR
22	B.B.A	1701BM1045	KIRUTHIKA .P	RESEARCH PROJECT	A STUDY ON RISE OF SUSTAINABLE TOURI CASE STUDIES IN ECO-FRIENDLY DESTINATIONS IN THANJAVUR
23	B.B.A	1701BM1020	MADHUJA .R	RESEARCH PROJECT	A STUDY ON DIGITAL MARKETING STRATEGIES FOR EMERGING MARKETS IN KUMBAKONAM
24	B.B.A	1701BM1030	MANASELIVINGST AN .A	RESEARCH PROJECT	A STUDY ON HEALTH INFORMATION EXCHANGE AND PATIENT DATA SECURITY THANJAVUR

									A STUDY ON MOBILE BANKING ADOPTION FACTORS AFFECTING CUSTOMER BEHAVI IN THANJAVUR
26	B.B.A		1701BM1004	MATHESH .R	RESEARCH PROJECT				A STUDY ON IMPACT OF COVID-19 ON GLOBAL SUPPLY CHAINSIN KUMBAKONAI
27	B.B.A		1701BM1041	MOHAMED HUSSAIN .J	RESEARCH PROJECT				A STUDY ON CORPORATE BRANDING AND CONSUMER LOYALTY IN THE DIGITAL AGE IN KUMBAKONAM
28	B.B.A		1701BM1037	MOHAMED RIAZ .A	RESEARCH PROJECT				A STUDY ON ADOPTION AND IMPACT OF FINTECH IN DEVELOPING ECONOMIES IN KUMBAKONAM
29	B.B.A		1701BM1056	MOHAMED THOUFEEK .M	RESEARCH PROJECT				A STUDY ON STRATEGIES FOR MANAGING CROSS-BORDER TAXATION CHALLENGES KUMBAKONAM
			1701BM1009	NAGANIZHA .D					

30	B.B.A	1701BM1043	NAUSHAD ALLI.F	RESEARCH PROJECT	A STUDY ON SUSTAINABLE BUSINESS MODELS IN RENEWABLE ENERGY INDUSTRIES IN THANJAVUR
31	B.B.A	1701BM1032	NGWINONDEBE CHRISTELLE	RESEARCH PROJECT	A STUDY ON ROLE OF E-COMMERCE IN RURAL ECONOMIC DEVELOPMENT IN KUMBAKONAM
32	B.B.A	1701BM1022	PARTHIBAN .C	RESEARCH PROJECT	A STUDY ON CORPORATE RISK MANAGEMENT IN AN UNCERTAIN BUSINE ENVIRONMENT IN THANJAVUR
33	B.B.A	1701BM1042	PARTHIBAN. A	RESEARCH PROJECT	A STUDY ON EXPLORING THE LINK BETWI EMPLOYEE SATISFACTION AND CUSTOME LOYALTY IN KUMBAKONAM
34	B.B.A	1701BM1011	PAVITHRAN .M	RESEARCH PROJECT	A STUDY ON IMPACT OF TRADE WARS ON GLOBAL BUSINESS OPERATIONS IN THANJAVUR



35	B.B.A	1701BM1048	PERIYATHAMBI .P	RESEARCH PROJECT	A STUDY ON STRATEGIES FOR EFFECTIVE CRISIS COMMUNICATION IN PUBLIC RELATIONS IN KUMBAKONAM
36	B.B.A	1701BM1001	PON SANKAR .P	RESEARCH PROJECT	A STUDY ON INTEGRATING ENVIRONMENTAL, SOCIAL, AND GOVERNANCE (ESG) FACTORS IN INVESTMENT DECISIONS IN THANJAVUR
37	B.B.A	1701BM1019	PRASANNA .G	RESEARCH PROJECT	A STUDY ON PSYCHOLOGY OF PRICING: UNDERSTANDING CONSUMER PERCEPTION IN KUMBAKONAM
38	B.B.A	1701BM1034	PRAVEEN KUMAR .K	RESEARCH PROJECT	A STUDY ON INTERNATIONAL TRADE AGREEMENTS AND THEIR IMPACT ON BUSINESS PRACTICES IN THANJAVUR
39	B.B.A	1701BM1017	REESHMA .A	RESEARCH PROJECT	A STUDY ON CUSTOMER SATISFACTION OF DIGITAL MARKETING IN THANJAVUR CITY
40	B.B.A	1701BM1035	SAILESH JOTHI .R	RESEARCH PROJECT	A STUDY ON EXPLORING THE ROLE OF GAMIFICATION IN MARKETING STRATEGIES IN KUMBAKONAM

41	B.B.A	1701BM1003	SAKTHI PARKAVANE	RESEARCH PROJECT	A STUDY ON FINANCIAL LITERACY PROGRAMS AND THEIR INFLUENCE ON INVESTMENT DECISIONS IN KUMBAKONA
42	B.B.A	1701BM1023	SATHESH KUMAR .S	RESEARCH PROJECT	A STUDY ON SUSTAINABLE PACKAGING SOLUTIONS IN THE FAST-MOVING CONSUMER GOODS (FMCG) SECTOR IN THANJAVUR
43	B.B.A	1701BM1039	SIVAPRAKASH .S	RESEARCH PROJECT	A STUDY ON INFLUENCE OF CULTURAL INTELLIGENCE ON INTERNATIONAL BUSINESS NEGOTIATIONS IN THANJAVUR
44	B.B.A	1701BM1058	SUGAN .S	RESEARCH PROJECT	A STUDY ON SOCIAL MEDIA INFLUENCER MARKETING: TRENDS AND EFFECTIVENESS IN KUMBAKONAM
45	B.B.A	1701BM1028	SURYA .T	RESEARCH PROJECT	A STUDY ON CORPORATE SOCIAL RESPONSIBILITY REPORTING AND STAKEHOLDER PERCEPTIONS IN THANJAVUR

46	B.B.A	1701BM1036	SYEDAKRAM .S	RESEARCH PROJECT	A STUDY ON CHALLENGES IN IMPLEMENT CLOUD COMPUTING IN FINANCIAL INSTITUTIONS IN KUMBAKONAM
47	B.B.A	1701BM1025	THAMILARASAN .K	RESEARCH PROJECT	A STUDY ON ROLE OF E-COMMERCE PLATFORMS IN RURAL ENTREPRENEURSH IN THANJAVUR
48	B.B.A	1701BM1049	THIRUMENI. G	RESEARCH PROJECT	STRATEGIES FOR MANAGING SUPPLY CHA DISRUPTIONS IN A GLOBALIZED ECONOMY IN KUMBAKONAM
49	B.B.A	1701BM1050	THIRUNAVUKKAR ASU. S	RESEARCH PROJECT	A STUDY ON IMPACT OF ECONOMIC SANCTIONS ON GLOBAL TRADE IN THANJAVUR
50	B.B.A	1701BM1006	THIYAGARAJAN S	RESEARCH PROJECT	A STUDY ON ADOPTION OF CONTACTLESS PAYMENT SYSTEMS: CONSUMER PERCEPTIONS AND BEHAVIORS IN KUMBAKONAM
51	B.B.A	1701BM1047	VENKATESAN. K	RESEARCH PROJECT	A STUDY ON INFLUENCE OF CULTURAL FACTORS ON CONSUMER ETHICAL DECISION-MAKING IN THANJAVUR

	1701BM1018	VENKATESH.D	RESEARCH PROJECT	A STUDY ON ROLE OF BUSINESS ANALYTICS IN OPTIMIZING OPERATIONAL EFFICIENCY KUMBAKONAM
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M.B.A

<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	M.B.A	1801BM2001	MAHALAKSHMI.R	RESEARCH PROJECT	A STUDY ON CONSUMER PERCEPTION TOWARDS INTERNET BANKING IN THANJAVUR CITY
2	M.B.A	1801BM2002	MOHAMED NAJEEEM FAAZIL A.N	RESEARCH PROJECT	A STUDY ON IMPACT OF INFLUENCER MARKETING ON FASHION AND BEAUTY BRANDS IN THANJAVUR
3	M.B.A	1801BM2003	NIVETHA.S	RESEARCH PROJECT	A STUDY ON ASSESSING THE EFFECTIVENESS OF CORPORATE TRAINING PROGRAMS ON EMPLOYEE PERFORMANCE IN THANJAVUR

5	M.B.A	1801BM2005	AROCKIYA DOOLSIYA MARY .A GAYATHRI .B	RESEARCH PROJECT	A STUDY ON ROLE OF BUSINESS INCUBATORS IN FOSTERING ENTREPRENEURSHIP IN THANJAVUR
6	M.B.A	1801BM2006	KEERTHIRAJ .J.V	RESEARCH PROJECT	A STUDY ON SUSTAINABLE PRACTICES THE TOURISM INDUSTRY: LESSONS FRC LEADING DESTINATIONS
7	M.B.A	1801BM2007	SUBASRI .R	RESEARCH PROJECT	A STUDY ON IMPACT OF SOCIAL MEDIA ON STOCK MARKET VOLATILITY
8	M.B.A	1801BM2008	SOWNDARYA .R	RESEARCH PROJECT	A STUDY ON STRATEGIES FOR BALANCE ECONOMIC GROWTH AND ENVIRONMENTAL CONSERVATION IN THANJAVUR
9	M.B.A	1801BM2009	KEERTHANA .V	RESEARCH PROJECT	A STUDY ON ROLE OF CORPORATE INNOVATION IN NAVIGATING TECHNOLOGICAL DISRUPTIONS
				RESEARCH PROJECT	A STUDY ON EVALUATING THE EFFECTIVENESS OF ONLINE LEARNING PLATFORMS IN BUSINESS EDUCATION

10	M.B.A	1801BM2010	GIOVINNYPIOCY .S	RESEARCH PROJECT	A STUDY ON ROLE OF INTELLECTUAL PROPERTY RIGHTS IN FOSTERING INNOVATION
11	M.B.A	1801BM2011	NASREEN BANU .S	RESEARCH PROJECT	A STUDY ON IMPACT OF CLIMATE CHANGE ON BUSINESS OPERATIONS AND RISK MANAGEMENT
12	M.B.A	1801BM2012	PRAVEEN .M	RESEARCH PROJECT	A STUDY ON STRATEGIES FOR ENHANCING CUSTOMER TRUST IN E-COMMERCE TRANSACTIONS
13	M.B.A	1801BM2013	GAYATHRI .K	RESEARCH PROJECT	A STUDY ON INFLUENCE OF CULTURAL VALUES ON ADVERTISING EFFECTIVENESS
14	M.B.A	1801BM2014	NAVEENA .K	RESEARCH PROJECT	A STUDY ON ADOPTION AND IMPACT OF ROBOTIC PROCESS AUTOMATION IN BUSINESS PROCESSES

M.PHIL

<u>SL.NO</u>	<u>PROGRA</u> <u>M</u> <u>NAME</u>	<u>REG.NO</u>	<u>STUDENT NAME</u>	<u>INTERNSHIP/FIELD</u> <u>PROJECT/RESEAR</u> <u>CH</u> <u>PROJECT</u>	<u>TITLE OF THE PROJECT</u>
1	M.PHIL	1901BM3001	PHENO MON JOY	RESEARCH PROJECT	A STUDY ON THE IMPACT OF E-COMMERCE SMALL SIZE COMPANIES IN KUMBakonam
2	M.PHIL	1901BM3002	PADMINI.K.	RESEARCH PROJECT	A STUDY ON CONSUMER PREFERENCE AWARENESS TOWARDS WRIST WATCHES WITH SPECIAL REFERENCE IN THANJAVI

						CITY
3	M.PHIL	1901BM3003	SHIVADHARSHINI.R	RESEARCH PROJECT	A STUDY ON MARKETING STRATEGIES OF MARUTI SUZUKI CARS WITH SPECIAL REFERENCE TO THANJAVUR COTY	
4	M.PHIL	1901BM3004	ARUNKUMAR.M	RESEARCH PROJECT	A STUDY ON CUSTOMER SATISFACTION TOWARDS SPRITE COOL DRINKS IN SPECIAL REFERENCE TO THANJAVUR DISTRICT	
5	M.PHIL	1901BM3005	CHANDRA BOSE.S	RESEARCH PROJECT	A STUDY ON BEHAVIORAL FINANCE: UNDERSTANDING INVESTOR DECISION-MAKING IN THANJAVUR	
6	M.PHIL	1901BM3006	BHUVANA.N	RESEARCH PROJECT	A STUDY ON EFFECTIVENESS OF CORPORATE SOCIAL RESPONSIBILITY INITIATIVES IN KUMBakonam	
7	M.PHIL	1901BM3007	MURUGESHWARI.R	RESEARCH PROJECT	A STUDY ON DIGITAL TRANSFORMATION STRATEGIES FOR SMALL AND MEDIUM ENTERPRISES IN KUMBakonam	
8	M.PHIL	1901BM3008	SOWMIYA.K	RESEARCH PROJECT	A STUDY ON CONSUMER SATISFACTION TOWARD ONLINE SHOPPING IN THANJAVUR CITY	
9	M.PHIL	1901BM3009	VIRONIKA.S	RESEARCH PROJECT	A STUDY ON CONSUMER SATISFACTION TOWARD ONLINE BANKING IN THANJAVUR CITY	
10	M.PHIL	1901BM3010	REKA.R	RESEARCH PROJECT	A STUDY ON CONSUMER SATISFACTION TOWARD ONLINE ADVERTISING IN 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>TITLE OF THE PROJECT</u>
1	MBA	1901BM2001	HEPSI ESTHER J	RESEARCH PROJECT	A STUDY ON CUSTOMER SATISFACTION TOWARDS BOBILE BANKING APPLICATION SPECIAL REFERENCE IN TAMIL NADU
2	MBA	1901BM2002	BENJAMIN C	RESEARCH PROJECT	A STUDY ON CUSTOMER SATISFACTION TOWARDS HEALTH DRINK IN TRICHY CITY
3	MBA	1901BM2003	MALARVIZHI S	RESEARCH PROJECT	A STUDY ON CUSTOMER SATISFACTION USING DEMANT/TRADING ACCOUNT IN A ONE APPLICATION
4	MBA	1901BM2004	MARS PRAVEEN R	RESEARCH PROJECT	A STUDY ON CUSTOMER SATISFACTION TOWARDS TATA SKY IN THANJAVUR CITY
5	MBA	1901BM2005	GOWTHAM T S	RESEARCH PROJECT	A STUDY ON CUSTOMER SATISFACTION IN CENTRAL BANK OF INIDA IN PUDUKKOTT DISTRICT
6	MBA	1901BM2006	RAJAGOPAL R	RESEARCH PROJECT	A STUDY ON CUSTOMER SATISFACTION TOWARDS OLA TAXI SERVICE WITH SPECIAL REFERENCE IN THANJAVUR CITY
7	MBA	1901BM2007	VENKATESH M	RESEARCH PROJECT	A STUDY ON CUSTOMER SATISFACTION TOWARDS AMWAY PRODUCTS IN THANJA CITY
8	MBA	1901BM2008	RISVANA PARVEEN A	RESEARCH PROJECT	A STUDY ON SMALL SCALE FOOD MANUFACTURING INDUSTRY IN INDIA
9	MBA	1901BM2009	SARMILA R	RESEARCH PROJECT	A STUDY ON IMPACT OF YOUTUBE VIDEO AMONG COLLEGE STUDENTS WITH SPECIAL REFERENCE TO THANJAVUR CITY
10	MBA	1901BM2010	KEERTHANA B	RESEARCH PROJECT	A STUDY ON EMPLOYEE MORALAE WITH REFERENCE TO SHRI AMMAN STEEL AND ALIED INDUSTRIES (P).LTD THANJAVUR
11	MBA	1901BM2011	ANURADHA B	RESEARCH PROJECT	A STUDY ON CUSTOMER SATISFACTION TOWARDS PULSER(BAJAJ) WITH SPECIAL REFERENCE TO THANJAVUR CITY
12	MBA	1901BM2013	HARISHMITHA R	RESEARCH PROJECT	A STUDY ON CONSUMER SATISFACTION




						TOWARDS OF HORLICKS HEALTH DRINK THANJAVUR CITY
13	MBA	1901BM2014	KIRUTHIGA G		RESEARCH PROJECT	A STUDY ON JOB SATISFACTION OF AUT DRIVERS WITH SPECIAL REFERENCE THANJAVUR CITY
14	MBA	1901BM2015	SOUNDARYA R		RESEARCH PROJECT	A STUDY ON SALES PROMOTION STRATE TVS WITH SPECIAL REFERENCE TO THANJAVUR CITY
15	MBA	1901BM2016	PRIYADHARSHINI A		RESEARCH PROJECT	A STUDY ON CUSTOMER SATISFACTION TOWARDS ROYAL ENFIELD BIKS IN THANJAVUR CITY
16	MBA	1901BM2017	AMUTHA M		RESEARCH PROJECT	A STUDY ON CONSUMER PREFERENCE TOWARDS THE HIMALAYA PRODUCTS IN THANJAVUR
17	MBA	1901BM2018	NITHIYARASIB		RESEARCH PROJECT	A STUDY ON CUSTOMER PERCEPTION AN FUTURE TRENDS TOWARDS VEHICLE THANJAVUR CITY
18	MBA	1901BM2019	RUBHA B		RESEARCH PROJECT	A STUDY ON COMPARATIVE ANALYSIS OF INSURANCE COMPANIES IN THANJAVUR DISTRICT
19	MBA	1901BM2020	VIGNESH A S		RESEARCH PROJECT	A STUDY ON CUSTOMERS PERCEPTION TOWARDS DIGITAL PAYMENT APPS WITH SPECIAL REFERENCE TO TAMILNADU
20	MBA	1901BM2021	ANBIRKINIYA		RESEARCH PROJECT	A STUDY ON EFFECTIVE ANALYSIS OF MO BANKING SERVICE AT CANARA BANK IN THANJAVUR CITY
21	MBA	1901BM2022	VIMALA R		RESEARCH PROJECT	A STUDY ON EMPLOYEE WORK PLACE WE BEING IN INFORMATION TECHNOLOGY FC TECHZAR INFO WITH SPECIAL REFERENCE TRICHY CITY
22	MBA	1901BM2023	SURIYA V		RESEARCH PROJECT	A STUDY ON CUSTOMER SATISFACTION TOWARDS GOOGLE PIXEL IN INDIA
23	MBA	1901BM2024	KAVYA T		RESEARCH PROJECT	A STUDY ON CONSUMER BUYING BEHAVI FOR DELL LAPTOP IN COIMBATORE CITY
24	MBA	1901BM2025	ARUN KUMAR D		RESEARCH PROJECT	A STUDY ON ADVERTISING AND SALES PROMOTION STRATEGIES OF LAKSHMI INTERNATIONAL; DEALER OF YAMAHA MOTORCYCLE INDIA PVT LTD

25	MBA	1901BM2026	NIVETHA R	RESEARC H PROJECT	A STUDY ON CUSTOMER SATISFACTION TOWARDS YAMAHA WITH SPECIAL REFERENCE TO THANJAVUR CITY
26	MBA	1901BM2027	ASICA G	RESEARC H PROJECT	A STUDY ON EFFECTIVENESS OF NEW AC STRATEGIES IN DIGITAL MARKETING WI FOCUS ON ACQUISATIONAL STRATEGIES RANCE COMMUNICATIONS
27	MBA	1901BM2028	MONISHA S	RESEARC H PROJECT	A STUDY ON EFFECTIVENESS OF E-LEAR N SYSTEM WITH SPECIAL REFERENCE TO UNIVERSITY STUDENT IN THANJAVUR
28	MBA	1901BM2029	ABDULRAGHUMAN J	RESEARC H PROJECT	A STUDY ON FINANCE ANALYSIS OF " AU SMALL FINANCIAL BANK LIMITED "
29	MBA	1901BM2030	PRITTHA S	RESEARC H PROJECT	A STUDY ON CUSTOMER SATISFACTION TOWARDS APPLE IPHONES IN THANJAVU DISTRICT
30	MBA	1901BM2031	KOWSALYA S	RESEARC H PROJECT	A STUDY ON CUSTOMER SATISFACTION TOWARDS HDFC BANK IN SPECIAL REFERENCE TO THANJAVUR CITY
31	MBA	1901BM2032	BABY PRIYA G	RESEARC H PROJECT	A STUDY ON EMPLOYEE RETENTION WITH SPECIAL REFERENCE IN ASTONISH INFOTI (P) LTD IN TRICHY
32	MBA	1901BM2033	KARKUZHAIJR	RESEARC H PROJECT	A STUDY ON USAGE ONLINE PAYMENT AF BY CUSTOMER
33	MBA	1901BM2034	ANBIRKINIYA A	RESEARC H PROJECT	A STUDY ON CUSTOMER SATISFACTION TOWARDS TEA TIME CAFE WITH SPECIAL REFERENCE TO THANJAVUR CITY
34	MBA	1901BM2035	ATCHAYA B	RESEARC H PROJECT	A STUDY ON USE OF MOBILE WALLET AMMOUNG THE YOUTH IN THANJAVUR C
35	MBA	1901BM2036	PAVITHRA K	RESEARC H PROJECT	A STUDY ON CUSTOMER SATISFACTION TOWARDS COSMETIC PRODUCTS IN NAGAPATTINAM DISTRICT
36	MBA	1901BM2037	KALPANA A	RESEARC H PROJECT	A STUDY ON CONSUMER PERCEPTION OF IN THANJAVUR CITY
37	MBA	1901BM2038	SRIRAM M S	RESEARC H PROJECT	A STUDY ON CUSTOMER SATISFACTION TOWARDS KWALITY WALL'S ICE CREAM I THANJAVUR CITY
38	MBA	1901BM2039	VINOTH KUMAR K	RESEARC H PROJECT	A STUDY ON CUSTOMER SATISFACTION TOWARDS HEALTH DRINKS IN THANJAVU

						CITY
39	MBA	1901BM2040	RAJKUMAR E	RESEARCH PROJECT		A STUDY ON USAGE OF ONLINE PAYMENT APPS BY CUSTOMER IN THANJAVUR CITY
40	MBA	1901BM2041	ARAVIND KUMAR K	RESEARCH PROJECT		A STUDY ON CUSTOMER SATISFACTION (BUYING PERCEPTIVE FOR BRU COFFEE IN KUMBakonam DISTRICT)
41	MBA	1901BM2042	MOHIDEEN FASARATH J	RESEARCH PROJECT		ANALYSIS AND COMPARATIVE STUDY OF CREDIT SCHEMES ON SBI AND OTHER NE BANKING SYSTEM IN INDIA
42	MBA	1901BM2043	S.DINESH	RESEARCH PROJECT		A STUDY ON CONSUMER SATISFACTION TOWARDS THE USAGE OF AACHI MASALA/ THANJAVUR CITY
43	MBA	1901BM2044	V.AJAY	RESEARCH PROJECT		A STUDY ON MEASUREMENT OF PUMA SPORTS EQUIPMENT _BRAND AWARENES AND BRAND PERCEPTION IN INDIA
44	MBA	1901BM2045	K.GANESH	RESEARCH PROJECT		A STUDY ON CUSTOMER SATISFACTION C STARBUCKS COFFEE IN TRICHY DISTRICT
45	MBA	1901BM2046	S.KOTHAINAYAKI	RESEARCH PROJECT		A STUDY CUSTOMER SATISFACTION TOWARDS LAKME PRODUCT IN THANJAVUR CITY
46	MBA	1901BM2047	N.CHRISTINAL MARY	RESEARCH PROJECT		A STUDY ON CUSTOMER SATISFACTION TOWARDS HONDA.DIO SCOOTER THANJAVUR CITY
47	MBA	1901BM2048	A.REVANATH	RESEARCH PROJECT		A STUDY ON CUSTOMER SATISFACTION TOWARD AMWAY PRODUCTS IN COIMBATUR CITY
48	MBA	1901BM2049	O.GANESH KUMAR	RESEARCH PROJECT		A STUDY ON CUSTOMER SATISFACTION TOWARDS BOBILE BANKING APPLICATION SPECIAL REFERENCE IN TAMIL NADU
49	MBA	1901BM2050	A. SUGUNA	RESEARCH PROJECT		A STUDY ON CUSTOMER SATISFACTION TOWARDS HEALTH DRINK IN TRICHY CITY
50	MBA	1901BM2051	G.PAVITHRA	RESEARCH PROJECT		A STUDY ON CUSTOMER SATISFACTION USING DEMANT/TRADING ACCOUNT IN AI ONE APPLICATION

  
HOD

Department of Business Management  
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.



# Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

## *Student Participation in Bounded Research*

### Research Related Task Allotment

#### I. Student Details

- Name of the Student : MATHESH . R
- Register No. : 1701BM1004
- Programme & Branch : BBA & Management Batch: 2017-2020 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 mobile Banking Adoption : Factors Affecting Customer Behavior in Thanjavur

The main interest of the present research is in the consumer adoption of the mobile banking service. The mobile banking service is financial service delivered through.

ii. Date of Allotment of the Task:

01.07.2019

iii. Due Date Proposed for Completion of Task:

01.11.2019

R. Mathesh

Signature of the Student:

Signature of the Faculty Advisor

Date: 30.10.2019



# 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 : MATHESH R
- Register No. : 1701BM1004
- Programme & Branch : BBA Management Batch: 2017-2020 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. Details of the Task Allotted:

A Study on mobile Banking Adoption: Factors Affecting Customer Behavior in Thanjavur

##### ii. Date of Allotment of the Task:

01.07.2019

##### iii. Date of Completion of the Task:

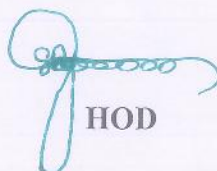
01.11.2019

#### IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. MATHESH R, a bonafide student of BBA

(Reg.No. 1701BM1004) who has been allotted a Research Related Task "A Study on mobile Banking Adoption Factors Affecting Customer Behaviours" on in Thanjavur has successfully completed the above mentioned task on 30.10.2019 to my satisfaction and has submitted all task completion related records to me.

Date: 30.10.2019

  
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 : MATHESH R
- Register No. : 1701RM1004
- Programme & Branch : BBA & Management Batch: 2017-2020 Semester: V

#### 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 mobile banking Adoption factors Affecting customer Behavior in Thanjavur

##### ii. Date of Allotment of the Task:

01.07.2019

##### iii. Date of Completion of the Task:

01.11.2019

#### IV. Declaration of the Student

I, MATHESH R, a student of BBA Programme (Reg.No. 1701RM1004), hereby declare that I have completed the Research Related Task " A study on mobile Banking Adoption factors Affecting Customer Behavior in Thanjavur " upto the satisfaction of my Advisor and have submitted all related records to him on 30.10.2019 Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 30.10.2019

R. Mathesh  
Signature of the Student

  
Faculty Advisor

  
HOD



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

**A STUDY ON MOBILE BANKING ADOPTION: FACTORS AFFECTING CUSTOMER  
BEHAVIOR IN THANJAVUR**

*A PROJECT REPORT  
SUBMITTED BY*

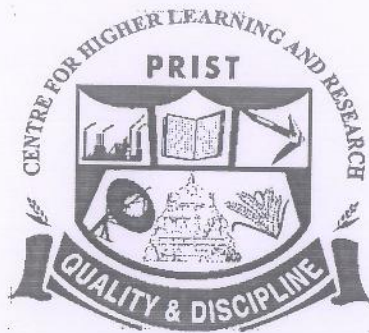
**MATHESH. R**  
**REG. NO. 1701BM1004**  
**COURSE CODE: 17160BRC55**

**BACHELOR OF BUSINESS ADMINISTRATION  
V SEMESTER**

*UNDER THE GUIDANCE OF*

**Dr. K. RAJALAKSHMI., M.B.A., M.Phil., Ph.D.,**

**PG & RESEARCH DEPARTMENT OF MANAGEMENT  
PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY (PRIST)  
DECLARED AS DEEMED-TO-BE-UNIVERSITY  
THANJAVUR – 613 403.**



November - 2019



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

Dr. K. RAJALAKSHMI., M.B.A., M.Phil., Ph.D.,  
ASSISTANT PROFESSOR,  
PG & RESEARCH DEPARTMENT OF MANAGEMENT,  
PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY (PRIST),  
Declared as DEEMED-TO-BE-UNIVERSITY,  
THANJAVUR-613 403.

**BONAFIDE CERTIFICATE**

This is to certify that **MATHESH. R** (Reg. No. 1701BM1004) and the project title of "A STUDY ON MOBILE BANKING ADOPTION: FACTORS AFFECTING CUSTOMER BEHAVIOR IN THANJAVUR" 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 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

*RRajalakshmi*

Head of the Department

*Dean*  
DEAN

HEAD  
DEPARTMENT OF COMMERCE  
PRIST UNIVERSITY  
THANJAVUR - 613 403.

External Examiner

*Dean*  
DEAN

HEAD  
DEPARTMENT OF COMMERCE  
PRIST UNIVERSITY  
THANJAVUR - 613 403.





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**UNIVERSITY**  
NAAC ACCREDITED  
THANJAVUR - 613 403 - TAMIL NADU

**A STUDY ON CONSUMER PERCEPTION TOWARDS INTERNET BANKING IN  
THANJAVUR CITY**

*A PROJECT REPORT  
SUBMITTED BY*

**MAHALAKSHMI .R**

**REG. NO. 1801BM2001**

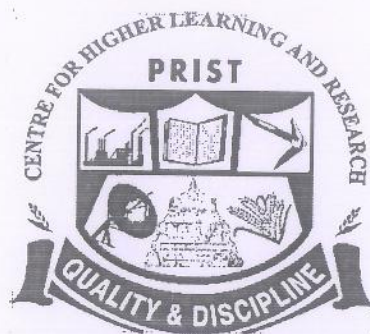
**MASTER OF BUSINESS ADMINISTRATION**

**IV SEMESTER**

*UNDER THE GUIDANCE OF*

**Dr.T.J. JAYASHOLAN., M.B.A., M.Phil., Ph.D.,**

**PG & RESEARCH DEPARTMENT OF MANAGEMENT  
PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY (PRIST)  
DECLARED AS DEEMED-TO-BE-UNIVERSITY  
THANJAVUR – 613 403.**



**MAY- 2020**



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

Dr.T.J. JAYASHOLAN., M.B.A., M.Phil., Ph.D.,  
ASSISTANT PROFESSOR,  
PG & RESEARCH DEPARTMENT OF MANAGEMENT,  
PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY (PRIST),  
Declared as DEEMED-TO-BE-UNIVERSITY,  
THANJAVUR-613 403.

**BONAFIDE CERTIFICATE**

This is to certify that MAHALAKSHMI. R (REG. NO. 1801BM2001) and the project title of "A STUDY ON CONSUMER 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 **MASTER OF BUSINESS ADMINISTRATION** 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  
DEPARTMENT OF COMMERCE  
PRIST UNIVERSITY  
THANJAVUR - 613 403.

Head of the Department

HEAD  
DEPARTMENT OF COMMERCE  
PRIST UNIVERSITY  
THANJAVUR - 613 403.

External Examiner

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



1.3.3

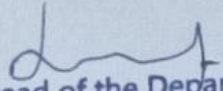
## DEPARTMENT OF BIOCHEMISTRY

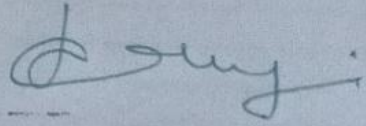
2019-2020

BIOCHEMISTRY- UG & PG

LIST OF STUDENTS FOR RESEARCH PROJECT

S.No	REG.NO	NAME
1.	1701PC10101	V. SUGANTHI
2.	1701PC10102	G. SEVVANTHI
3.	1701PC10103	S. PREMALATHA
4.	1701PC10104	P. ANU
5.	1701PC10105	G. ARUNKUMARASARANGAN
6.	1701PC10106	P. VIMALA
7.	1701PC10107	M. GOWTHAM
8.	1701PC10108	K. MALINY
9.	1701PC10109	S. NITHYASHREE
10.	1701PC10110	S. SHYMABANU
11.	1701PC10111	G. AKASH
12.	1801PC20101	A. ARTHI
13.	1801PC20102	S. MEGALA
14.	1801PC20103	V. KANCHANA
15.	1801PC20104	D.KUMARESAN
16.	1801PC20105	B.SANJAIKUMAR
17.	1801PC20106	K.DELIPHKUMAR
18.	1801PC20107	A.SENTHIL

  
Head of the Department  
Department of Biochemistry  
School of Arts & Science  
PRIST Deemed to be University  
Thanjavur-613 403

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



19-20

# 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. Jugenhi
- Register No. : 1701PC10101
- Programme & Branch : B.Sc Biochemistry
- Batch: 2017-2020
- Semester: 1

#### II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. P. Sathishkumar
- Designation: AP
- Department: Biochemistry

#### III. Details of Research Related Task Allotted:

i. Description of Research Related Task

Over view of  
Type II - Diabetes.

ii. Date of Allotment of the Task: 9/8/19

iii. Due Date Proposed for Completion of Task: 29/8/19

Signature of the Student:

Signature of the Faculty Advisor

Date: 29/8/19



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. Jugenthi
- Register No. : 1701PC10101
- Programme & Branch : B.Sc Biochemistry Batch: 2017-2020 Semester: V

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. P. Saravanan Kumar
- Designation: AP Department: Biochemistry

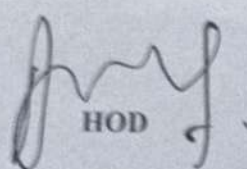
III. Details of Research Related Task Allotted:

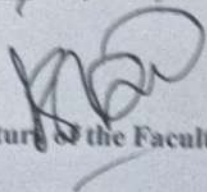
- i. Details of the Task Allotted: Overview of Type 2 Diabetes.
- ii. Date of Allotment of the Task: 9/8/19
- iii. Date of Completion of the Task: 25/8/19

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. V. Jugenthi, a bonafide student of Biochemistry (Reg.No. 1701PC10101) who has been allotted a Research Related Task "Overview of type 2 - Diabetes" on \_\_\_\_\_, has successfully completed the above mentioned task on 25/8/19 to my satisfaction and has submitted all task completion related records to me.

Date: 25/8/19

  
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 : V. Jeganmi
Register No. : 1201PC10101
Programme & Branch : Batch: 2019 Semester: 2

II. Faculty Advisor Details

Name of the Faculty Advisor : Dr. J. Sankar Kumar
Designation: AP Department: Biochemistry

III. Details of the Task Undertaken:

i. Details of the Task: Overview of type-2 Diabetes
ii. Date of Allotment of the Task: 9/8/19
iii. Date of Completion of the Task: 29/8/19

IV. Declaration of the Student

I, V. Jeganmi, a student of Biochem Programme (Reg.No. 1201PC10101) hereby declare that I have completed the Research Related Task "Over view of Diabetes mellitus."

upto the satisfaction of my Advisor and have submitted all related records to him on 29/8/19. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 29/8/19

Faculty Advisor signature

Signature of the Student

HOD

**OVER VIEW OF TYPE II DIABETES**

**PARTICIPATION BOUNDED RESEARCH**

By

**V. SUGANTHI**

**(Reg No : 1701PC10101)**

**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- 2020**





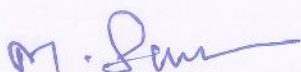
**PRIST**  
DEEMED TO BE  
**UNIVERSITY**  
NAAC ACCREDITED  
THANJAVUR - 613 403 - TAMILNADU  
SCHOOL OF ARTS AND SCIENCE

**DEPARTMENT OF PHYSICS**  
2019-2020

1.3.4 NUMBER OF STUDENTS UNDERTAKING RESEARCH PROJECTS

S.NO	NAME	REG.NO	RESEARCH PROJECT
1.	G.VIGNESH	1801PH10201	Observation of intramolecular defects in n-alkanes C <sub>25</sub> H <sub>52</sub> -C <sub>29</sub> H <sub>60</sub> by the positron annihilation method
2.	MANIKANDAN. V	1801PH10202	Chromogenic properties of heterocyclic compounds: Barochromic effect of indolinespiropyrans in the gas phase
3.	SOUNDARYA.G.V	1801PH10203	Molecular simulation of solid-solid phase transitions
4.	JAMUNA.R	1801PH10204	Spectroscopic evidence of a particular intermolecular interaction in iodomethane-ethanol mixtures:
5.	ANDREWS.K	1801PH10205	Applications Of DI_poly And DI_multi To Organic Molecular Crystals
6.	SHAKILA.R	1801PH10206	A two-site fluorescent probe for Cys/Hcy and SO <sub>2</sub> detection and its application in cells and zebrafish
7.	DEEBIGA. S	1801PH10207	Inuence of Pressure on the Size of Free Volumesin Some Waxes
8.	HEMALATHA. J	1801PH10208	Correlation between synthesis methods and physicochemical behavior of BaTiO <sub>3</sub>
9.	SOWNDARYA.V	1801PH10209	Concepts and medical applications Kinetics of solubilisatoin of dodecanol molayers with controlled convective diffusion

10.	PRESKILLA JOY. M	1801PH10210	Nanometrology Nano fundamentals for dreamer-engineers
11.	GOMATHI.K	1801PH10211	UV spectral shift of benzene in sub- and supercritical water
12.	CHATTAVENTHAN.V.K	1801PH10212	Observation of intramolecular defects in n-alkanes C <sub>25</sub> H <sub>52</sub> –C <sub>29</sub> H <sub>60</sub> by the positron annihilation method



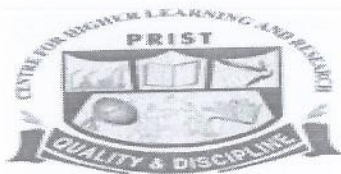
**HOD**

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, Tamilnad



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

**OBSERVATION OF INTRAMOLECULAR DEFECTS IN N-ALKANES C<sub>25</sub>H<sub>52</sub>-C<sub>29</sub>H<sub>60</sub> BY  
THE POSITRON ANNIHILATION METHOD**

***A PROJECT REPORT SUBMITTED BY***

**G. VIGNESH**

**REG. NO. 1801PH10201**

**MASTER OF SCIENCE**

**IV SEMESTER**

***UNDER THE GUIDANCE OF***

**DR. C. THENMOZHI.,**

**DEPARTMENT OF PHYSICS**

**PRIST DEEMED TO BE UNIVERSITY THANJAVUR 613 403.**



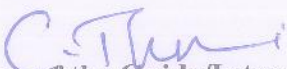
**PRIST**  
DEEMED TO BE  
**UNIVERSITY**  
NAAC ACCREDITED  
THANJAVUR - 613 403 - TAMIL NADU

**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 **G. VIGNESH** (Reg. No. **1801PH10201**) and the project title of **“OBSERVATION OF INTRAMOLECULAR DEFECTS IN N-ALKANES C<sub>25</sub>H<sub>52</sub>–C<sub>29</sub>H<sub>60</sub> BY THE POSITRON ANNIHILATION 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

  
Signature of External Examiner

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



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

**CHROMOGENIC PROPERTIES OF HETEROCYCLIC COMPOUNDS: BAROCHROMIC  
EFFECT OF INDOLINESPIROPYRANS IN THE GAS PHASE**

**A PROJECT REPORT SUBMITTED**

**BY**

**MANIKANDAN. V**

**REG. NO. 1801PH10202**

**MASTER OF SCIENCE**

**IV SEMESTER**

**UNDER THE GUIDANCE OF**

**DR. C.THENMOZHI.,**

**DEPARTMENT OF PHYSICS**

**PRIST DEEMED TO BE UNIVERSITY THANJAVUR 613 403.**



**PRIST**  
DEEMED TO BE  
**UNIVERSITY**  
NAAC ACCREDITED  
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 **MANIKANDAN. V** (Reg. No. **1801PH10202**) and the project title of **“CHROMOGENIC PROPERTIES OF HETEROCYCLIC COMPOUNDS: BAROCHROMIC EFFECT OF INDOLINESPIROPYRANS IN THE GAS PHASE”** 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

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

Signature of External Examiner



**PRIST**  
DEEMED TO BE  
**UNIVERSITY**  
NAAC ACCREDITED  
THANJAVUR - 613 403 - TAMILNADU  
SCHOOL OF ARTS AND SCIENCE

DEPARTMENT OF PHYSICS

2019-2020

1.3.4 NUMBER OF STUDENTS UNDERTAKING RESEARCH PROJECTS

S.NO	NAME	REG.NO	RESEARCH PROJECT
1.	ANITHA T	1901MPH10101	Growth and characterization of pure and doped beta-alanine single crystals
2.	JAYASRI M	1901MPH10102	Spectroscopic Investigation of the Effect of Microstructure and Energetic Offset on the Nature of Interfacial Charge Transfer States in Polymer: Fullerene Blends
3.	ANITHA V	1901MPH10103	Structural, optical, and biological properties of L-alanine single crystal by slow evaporation method
4.	NAGARAJ T	1901MPH10104	Growth and Characterization of Pure and Doped L-Alanine Tartrate Single Crystals

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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**UNIVERSITY**  
NAAC ACCREDITED  
THANJAVUR - 613 403 - TAMIL NADU

**GROWTH AND CHARACTERIZATION OF PURE AND DOPED BETA-AIALINE SINGLE  
CRYSTALS**

**A PROJECT REPORT SUBMITTED BY**

**ANITHA T**

**REG. NO. 1901MPH10201**

**MASTER OF PHILOSOPHY**

**II SEMESTER**

**UNDER THE GUIDANCE OF**

**DR. M. SIVANANTHAM.,**

**DEPARTMENT OF PHYSICS**

**PRIST DEEMED TO BE UNIVERSITY THANJAVUR 613 403.**





**PRIST**  
DEEMED TO BE  
**UNIVERSITY**  
NAAC ACCREDITED  
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.

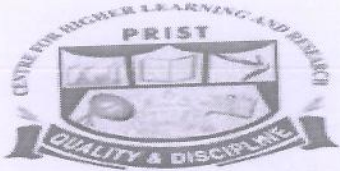
**BONAFIDE CERTIFICATE**

This is to certify that **ANITHA T (Reg. No. 1901MPH10201)** and the project title of **“GROWTH AND CHARACTERIZATION OF PURE AND DOPED BETA-AIALINE SINGLE CRYSTALS”** 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

Signature of External Examiner

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



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

**SPECTROSCOPIC INVESTIGATION OF THE EFFECT OF MICROSTRUCTURE AND  
ENERGETIC OFFSET ON THE NATURE OF INTERFACIAL CHARGE TRANSFER  
STATES IN POLYMER: FULLERENE BLENDS**

**A PROJECT REPORT SUBMITTED BY**

**JAYASRI M**

**REG. NO. 1901MPH10202**

**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 JAYASRI M (Reg. No. 1901MPH10202) and the project title of “SPECTROSCOPIC INVESTIGATION OF THE EFFECT OF MICROSTRUCTURE AND ENERGETIC OFFSET ON THE NATURE OF INTERFACIAL CHARGE TRANSFER STATES IN POLYMER: FULLERENE BLENDS ” 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  
of Physics,  
The Head, Department of  
PRIST Deemed to be University,  
Vallam, Thanjavur-613403.  
Tamilnadu, India.

Signature of External Examiner



**PRIST**  
DEEMED TO BE  
UNIVERSITY  
NAAC ACCREDITED  
THANJAVUR - 613 403 - TAMILNADU

## DEPARTMENT OF BIOTECHNOLOGY

### 1.3.3. RESEARCH PROJECT

ACADEMIC YEAR - 2019-2020

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.

**1.3.3. RE SEARCH PROJECT 2019-2020**

S. NO.	PROGRAM NAME	REG. NO.	NAME	INTERNSHIP /FIELD PROJECT/ RESEARCH PROJECT	PROJECT TITLE
1.	M. Sc Biotechnology	1802BT2001	S.VIJAY	Research Project	ISOLATION AND CHARACTERIZATION OF ALKALOPHILIC BACTERIA
2.	M. Sc Biotechnology	1802BT2002	C. VINAY	Research Project	PREPARATION OF LIPASE BOUND SUBSTRATE FOR INDUSTRIAL APPLICATIONS
3.	M. Sc Biotechnology	1802BT2003	R. KASTHURI	Research Project	IMMOBILIZATION OF CELLULOSE IN SOLID SUPPORT AND ITS APPLICATIONS
4.	M. Sc Biotechnology	1802BT2004	S. SHALINI	Research Project	EFFECT OF HONEY, PLANT EXTRACT AND ANTIBIOTICS ON WOUND SPECIFIC BACTERIA ISOLATED FROM HOSPITAL
5.	M. Sc Biotechnology	1802BT2005	T. PRAVEENA	Research Project	PROSPECTING NATURAL BIOACTIVES FOR THEIR ANTIMALARIAL POTENTIAL AGAINST PLASMODIUM FALCIPARUM
6.	M. Sc Biotechnology	1802BT2006	S. KARPAGAM	Research Project	STUDY OF PROBIOTIC BACTERIA ISOLATED FROM FERMENTED MILK PRODUCT AND PRODUCTION OF PROBIOTIC CHOCOLATE
7.	M. Phil Biotechnology	1902BT3001	R. KARTHIK	Research Project	MOLECULAR DOCKING STUDIES FOR VITAMIN -D ANALOGUES, ANTI-INFLAMMATORY DRUGS AND MARINE DERIVATIVES

*[Handwritten Signature]*

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

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

# ISOLATION AND CHARACTERIZATION OF ALKALOPHILIC BACTERIA

A DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF THE  
REQUIREMENTS FOR AWARD THE DEGREE OF

MASTER OF SCIENCE

In

BIOTECHNOLOGY

Submitted By  
S. VIJAY  
(Reg No.1802BT2001)

Under the Guidance of  
Dr. C. ANUSHIA  
Associate Professor



DEPARTMENT OF BIOTECHNOLOGY

School of Arts and Science

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

JUNE -2020



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 “ISOLATION AND CHARACTERIZATION OF ALKALOPHILIC BACTERIA”, submitted by Mr. S. VIJAY 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:** 15.06.2020

**SIGNATURE OF THE GUIDE**

**(Dr. C. ANUSHIA)**

**SIGNATURE OF THE H.O.D**

**SIGNATURE OF THE EXAMINAR**

1.

**(Dr. P. Anantharaman)**

2.

**(Dr. A. Bakrudeen Ali Ahemed)**

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

# PREPARATION OF LIPASE BOUND SUBSTRATE FOR INDUSTRIAL APPLICATION

A DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF THE REQUIREMENTS FOR AWARD THE DEGREE OF

MASTER OF SCIENCE

In

BIOTECHNOLOGY

Submitted By  
C. VINAY  
(Reg No.1802BT2002)

Under the Guidance of  
Dr. R.V. SHALINI  
Assistant Professor

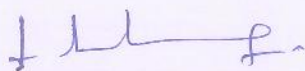


DEPARTMENT OF BIOTECHNOLOGY

School of Arts and Science

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

JUNE -2020



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 “PREPARATION OF LIPASE BOUND SUBSTRATE FOR INDUSTRIAL APPLICATION”, submitted by C. VINAY 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: 15.06.2020**

**SIGNATURE OF GUIDE**

**(Dr. R.V. SHALINI)**

**SIGNATURE OF THE H.O.D**

**SIGNATURE OF THE EXAMINAR**

1.

**(Dr. P. Anantharaman)**

2.

**(Dr. A. Bakrudeen Ali Ahemed)**

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

**MOLECULAR DOCKING STUDIES FOR VITAMIN -D ANALOGUES, ANTI-  
INFLAMMATORY DRUGS AND MARINE DERIVATIVES**

**A DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF THE  
REQUIREMENTS FOR AWARD THE DEGREE OF**

**MASTER OF PHILOSOPHY**

**In**

**BIOTECHNOLOGY**

**Submitted By  
R. KARTHIK  
(Reg No. 1902BT3001)**

**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 -2020**

**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 “MOLECULAR DOCKING STUDIES FOR VITAMIN –D ANALOGUES, ANTI-INFLAMMATORY DRUGS AND MARINE DERIVATIVES”, submitted by R. KARTHIK 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: 15.06.2020**

**SIGNATURE OF GUIDE**

**(Dr. P. MANONMANI)**

**SIGNATURE OF THE H.O.D**

**SIGNATURE OF THE EXAMINAR**

1.

**(Dr. P. Anantharaman)**

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 - 2019-2020

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

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


**1.3.3. PARTICIPATION BOUNDED RESEARCH 2019-2020**


S. NO.	PROGRAM NAME	REG. NO.	NAME	INTERNSHIP /FIELD PROJECT/ RESEARCH PROJECT	PROJECT TITLE
1.	B. Sc Biotechnology	1702BT1002	A. NIBIYA	Participation Bounded Research	PREVALENCE OF DIROFILARIA IMMITIS IN DOGS
2.	B. Sc Biotechnology	1702BT1003	K. SWARNA MALLIKA	Participation Bounded Research	THE EFFECT OF MOSQUITO ON MAN
3.	B. Sc Biotechnology	1702BT1004	T. ABIRAMI	Participation Bounded Research	REPRODUCTION IN MAMMALS
4.	B. Sc Biotechnology	1702BT1006	A. SWATHI	Participation Bounded Research	PHYTOCHEMICAL SCREENING OF COCONUT WATER EXTRACT
5.	B. Sc Biotechnology	1702BT1007	Y. JOSIYA	Participation Bounded Research	CAUSES AND EFFECT OF MALARIA AMONG CHILDREN
6.	B. Sc Biotechnology	1702BT1008	M. BHARATHIMOHAN	Participation Bounded Research	THE PREVALENCE OF MALARIA AMONG CHILDREN
7.	B. Sc Biotechnology	1702BT1009	G. SRINIVASAN	Participation Bounded Research	THE CAUSES AND EFFECTS OF DIARRHOEA AMONG CHILDREN
8.	B. Sc Biotechnology	1702BT1010	R. AMULRAJ	Participation Bounded Research	COMPARATIVE ANALYSIS OF AND WATER QUALITY BETWEEN HAND DUG WELLS AND BOREHOLES
9.	B. Sc Biotechnology	1702BT1012	S. SIVABALASEKARAN	Participation Bounded Research	PHYTOCHEMICAL ANALYSIS OF CLEOME VISCOSA
10.	B. Sc Biotechnology	1702BT1013	SANJIVI .V	Participation Bounded Research	ANTIOXIDANT ACTIVITY OF ALOE VERA
11.	B. Sc Biotechnology	1702BT1014	HEMA PRIYA.J	Participation Bounded Research	EVALUATION OF NITRATE REDUCTASE ASSAY FOR DETECTION OF MULTI-DRUG RESISTANT MYCOBACTERIUM TUBERCULOSIS AMONG PATIENTS
12.	B. Sc Biotechnology	1702BT1015	PRIYADARSHINI. S	Participation Bounded Research	EPIDEMIOLOGICAL STUDIES AND MOLECULAR CHARACTERISATION OF DERMATOPHYTES
13.	B. Sc Biotechnology	1702BT1016	PADMASREE.J	Participation Bounded Research	COMPARATIVE STUDY OF GLUTAMIC ACID PRODUCTION BY WILD-TYPE AND MUTANT

14.	B. Sc Biotechnology	1702BT1017	MALARVIZHI.K	Participation Bounded Research	STRAINS OF CORYNEBACTERIUM GLUTAMICUM
15.	B. Sc Biotechnology	1702BT1018	THAMIZHARASIE	Participation Bounded Research	BACTERIOLOGICAL AND PHYSICOCHEMICAL IMPACT ASSESSMENT OF INDUSTRIAL AND DOMESTIC WASTES
16.	B. Sc Biotechnology	1702BT1019	BABU.B	Participation Bounded Research	EFFECT OF DEFOLIATION ON THE GROWTH AND SEED YIELD OF FOUR GROUNDNUT (ARACHIS HYPOGAEA L.) CULTIVARS
17.	B. Sc Biotechnology	1702BT1020	DEVANATHAPERUMAL.K	Participation Bounded Research	EFFECT OF MONTHLY VARIATION IN WATER TEMPERATURE ON ARTIFICIAL BREEDING OF COMMON CARP (CYPRINUS CARPIO L.)
18.	B. Sc Biotechnology	1702BT1021	MUTHUOLI KUMARAN.S	Participation Bounded Research	EFFECT OF TWO KINDS OF SOLVENT ON CHEMICAL COMPOSITION OF CYMBOPOGON CITRATUS OIL
19.	B. Sc Biotechnology	1702BT1022	MYTHILI.G	Participation Bounded Research	EFFECTS OF DRYING METHODS ON NUTRIENT CONTENTS OF MORINGA OLEIFERA (LAM.) LEAVES
20.	B. Sc Biotechnology	1702BT1023	BALAMURUGAN.S	Participation Bounded Research	BIOEFFICACY STUDY OF MOSQUITO REPELLENT PRODUCED FROM OCIMUM BASILICUM USING AEROSOL PROPELLANT AS CARRIER
21.	B. Sc Biotechnology	1702BT1024	NILOFIA BEGAM.S	Participation Bounded Research	EFFECT OF THE TIMING OF THE APPLICATION OF POTASSIUM ON ANTIRRHINUM
22.	B. Sc Biotechnology	1702BT1025	VELVIZHILA	Participation Bounded Research	THE IMPORTANCE OF FISH PRODUCTION AND ITS MARKETING VALUE
23.	B. Sc Biotechnology	1702BT1026	KOWTHAMAN .T	Participation Bounded Research	CAUSES AND EFFECT OF MALARIA AMONG CHILDREN
24.	B. Sc Biotechnology	1702BT1027	ANITH. M	Participation Bounded Research	PHYTOCHEMICAL SCREENING OF COCONUT WATER EXTRACT

25.	B. Sc Biotechnology	1702BT1028	ANAND KUMAR .D	Participation Bounded Research	MICROBIAL STUDY OF RAM MILK FROM A DIARY FARM
26.	B. Sc Biotechnology	1702BT1029	SATHYASEELAN .D	Participation Bounded Research	STUDIES ON FUNGAL COLONIZATION ON HUMAN BODY SKIN
27.	B. Sc Biotechnology	1702BT1030	JAYAPRIYA .S	Participation Bounded Research	A RESEARCH ON THE BACTERIAL COLONIZATION ON HUMAN SKIN
28.	B. Sc Biotechnology	1702BT1031	VIJAYAKEERTHANA .V	Participation Bounded Research	ANTIBACTERIAL EFFECT OF ALOE VERA AGAINST SKIN INFECTION BACTERIA
29.	M. Sc Biotechnology	1901BT2001	J.BALAMAGESH	Participation Bounded Research	PREVELANCE OF URINARY TRACT PARASITES IN PATIENTS
30.	M. Sc Biotechnology	1901BT2002	R. KUMARAN	Participation Bounded Research	ISOLATION AND 16S RRNA SEQUENCING OF PROTEASE ENZYME PRODUCING BACILLUS SPECIES FROM SOIL SAMPLE
31.	M. Sc Biotechnology	1901BT2003	S. JANARTHANAN	Participation Bounded Research	EVALUATION OF EXTRACTS OF GANODERMA LUCIDUM AGAINST ALZHEIMER'S DISEASE
32.	M. Sc Biotechnology	1901BT2004	P. MANIMARAN	Participation Bounded Research	DEVELOPMENT OF WOUND DRESSING MATERIAL USING MIMOSA PUDICA
33.	M. Sc Biotechnology	1901BT2005	R. RAJITH	Participation Bounded Research	EVALUATING BINDING EFFICIENCY AND ANTIVIRAL ACTIVITY OF D7 PROTEIN IN DENV - AN IN-SILICO APPROACH
34.	M. Sc Biotechnology	1901BT2006	S. VELAVEN	Participation Bounded Research	ANTIMICROBIAL ACTIVITY OF COMMERCIALY AVAILABLE OILS AGAINST ESCHERICHIA COLI AND STREPTOCOCCUS MUTANS
35.	M. Sc Biotechnology	1901BT2007	P. MANIVANNAN	Participation Bounded Research	FERMENTATIVE PRODUCTION OF NATURAL PIGMENT BY MONASCUS PURPUREUS BY USING LOW COST AGRICULTURAL PRODUCTS
36.	M. Sc Biotechnology	1901BT2008	S. KISHORE	Participation Bounded Research	RELATIONSHIP BETWEEN CARBON DIOXIDE AND LEAF THICKNESS USING MUSA PLANT


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

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

37.	M. Sc Biotechnology	1901BT2009	P. MUNISHWARAN	Participation Bounded Research	DEVELOPMENT OF WOUND DRESSING MATERIAL USING DATURA METEL
38.	M. Sc Biotechnology	1901BT2010	K. RAMARAJAN	Participation Bounded Research	IN-SILICO AND IN-VITRO EVALUATION OF BIOACTIVE COMPOUNDS FROM LEUCAS ASPERA AGAINST DIABETICS
39.	M. Sc Biotechnology	1901BT2011	S. BHAWAVANA	Participation Bounded Research	EVALUATION OF ANTIBACTERIAL ACTIVITY IN EXTRACT OF TAGETES ERECIA
40.	M. Sc Biotechnology	1901BT2012	P. RANI	Participation Bounded Research	NUTRITIONAL AND SHELF LIFE EVALUATION OF SPIRULINA BASED PAPAD
41.	M. Sc Biotechnology	1901BT2012	S. MUKIL	Participation Bounded Research	TO STUDY THE ANTAGONISTIC EFFECT OF FLORAL AND LEAF EXTRACT OF CALOTROPIS
42.	M. Sc Biotechnology	1802BT2001	S.VIJAY	Participation Bounded Research	DEVELOPMENT OF HYDROGEL FILMS FOR SKIN CARE APPLICATIONS
43.	M. Sc Biotechnology	1802BT2002	C. VINAY	Participation Bounded Research	OPTIMAL TIMING OF HARVESTING OF FOREST STANDS FOR ISOLATION OF ROOT RHIZOPHERES
44.	M. Sc Biotechnology	1802BT2003	R. KASTHURI	Participation Bounded Research	MOLECULAR DOCKING STUDIES FOR VITAMIN -D ANALOGUES, ANTI-INFLAMMATORY DRUGS AND MARINE DERIVATIVES
45.	M. Sc Biotechnology	1802BT2004	S. SHALINI	Participation Bounded Research	PREPARATION OF VARIOUS FOOD PRODUCTS USING CHLORELLA
46.	M. Sc Biotechnology	1802BT2005	T. PRAVEENA	Participation Bounded Research	BOTANICAL INFUSION OF KOMBUCHA FOR ENHANCED NUTRITIONAL COMPOSITION
47.	M. Sc Biotechnology	1802BT2006	S. KARPAGAM	Participation Bounded Research	A STUDY ON BIOACTIVE COMPOUNDS AND ANTI-PROLIFERATIVE EFFECTS FROM DIOSPRA CHLOROXYLON PLANT LEAF
48.	M. Phil Biotechnology	1902BT3001	R. KARTHIK	Participation Bounded Research	ENHANCEMENT OF THE SECONDARY METABOLITES IN ANDROGRAPHIS PANICULATA THROUGH IN VITRO CULTURE TECHNOLOGIES

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

  
**DEAN**  
 School of Arts & Science  
 Ponnaiyah Ramalingam Institute of  
 Science & Technology (PRIIS)  
 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 : *B. Thamilazharsi*
- Register No. : *1702BT1018*
- Programme & Branch : *B.Sc Biotechnology* Batch: *2017-2020* Semester: *2*

##### II. Faculty Advisor Details

- Name of the Faculty Advisor : *Dr. A. Shajahan*
- Designation: *Assistant Professor* Department: *Biotechnology*

##### III. Details of Research Related Task Allotted:

###### i. Description of Research Related Task

*domestic wastes is produced in the home, while industrial waste is produced by industries, manufacturing processes, and resource extraction.*

ii. Date of Allotment of the Task:

*16.07.2019*

iii. Due Date Proposed for Completion of Task:

*06.11.2019*

*B. Thamilazharsi*  
Signature of the Student:

*Dr. A. Shajahan*  
Signature of the Faculty Advisor

Date: *06.11.2019*

*[Signature]*  
Head of the Department  
Department of Biotechnology  
School of Arts & Science

HOD 208

*[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 : E. Thamizhavas
- Register No. : 1702BST1018
- Programme & Branch : B.Sc Biotechnology Batch: 2017-2020 Semester: V

#### II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. A. Shajahan
- Designation: Assistant Professor Department: Biotechnology

#### III. Details of the Task Undertaken:

##### i. Details of the Task:

Bacteriological and physicochemical impact of Industrial and domestic wastes

##### ii. Date of Allotment of the Task:

16.07.2019

##### iii. Date of Completion of the

06.11.2019

Task: \_\_\_\_\_

#### IV. Declaration of the Student

I, E. Thamizhavas, a student of B.Sc Biotechnology Programme (Reg.No. 1702BST1018), hereby declare that I have completed the Research Related Task” Bacteriological and physicochemical impact of Industrial and domestic wastes”

upto the satisfaction of my Advisor and have submitted all related records to him on 06.11.2019

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

Date: 06.11.2019

[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 & Sciences  
PRIST Deemed to be University  
Thanjavur - 613 167, 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 : B. Thamizharasi
- Register No. : M702BT1018
- Programme & Branch : B.Sc Biotechnology Batch: 2017-2020 Semester: V

##### II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. Ashajahan
- Designation: Assistant professor Department: Biotechnology

##### III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Bacteriological and physicochemical Impact of Industrial and Domestic wastes

ii. Date of Allotment of the Task:

16.07.2019

iii. Date of Completion of the

06.11.2019

Task:

##### IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. B. Thamizharasi, a bonafide student of B.Sc Biotechnology

(Reg.No. M702BT1018) who has been allotted a Research Related Task "Bacteriological

and physicochemical Impact of Industrial & Domestic wastes" on

16.07.2019 has successfully completed the above mentioned task on 06.11.2019 to my satisfaction and has

submitted all task completion related records to me.

Date: 06.11.2019

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

Dr. Ashajahan  
Signature of the Faculty Advisor

[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

### Research Related Task Allotment

#### I. Student Details

- Name of the Student : J. BALANAGARSH
- Register No. : 1901BT2001
- Programme & Branch : M.Sc Biotechnology Batch: 2019-2021 Semester: II

#### II. Faculty Advisor Details

- Name of the Faculty Advisor : DR. C. ANUSHA
- Designation: ASSOCIATE PROFESSOR OR Department: BIOTECHNOLOGY

#### III. Details of Research Related Task Allotted:

##### i. Description of Research Related Task

Urinary Tract Infection is the infection of any part of urinary tract which include kidneys, ureters bladder & urethra. It is mainly affected by bacterial infection occurring in urinary system when it is untreated the risk of pregnancy complications.

ii. Date of Allotment of the Task: 05.02.2020

iii. Due Date Proposed for Completion of Task: 18.03.2020

J. Balanagarsh  
Signature of the Student:

C. Anusha  
Signature of the Faculty Advisor

Date: 18.03.20

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

Shirasp  
Dean of Arts & Science  
PRIST Deemed to be University  
Thanjavur - 610 405, 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 : J. BALAMAGESH
- Register No. : 1901BT2001
- Programme & Branch : M.Sc BIOTECHNOLOGY Batch: 2019-2021 Semester: II

#### II. Faculty Advisor Details

- Name of the Faculty Advisor : DR. C. ANUSHA
- Designation: ASSOCIATE PROFESSOR Department: BIOTECHNOLOGY

#### III. Details of the Task Undertaken:

##### i. Details of the Task:

PREVELANCE OF URINARY TRACT PARASITES IN PATIENTS

##### ii. Date of Allotment of the Task:

05.02.2020

##### iii. Date of Completion of the

18.03.2020

Task: \_\_\_\_\_

#### IV. Declaration of the Student

I, J. BALAMAGESH, a student of M.Sc Biotechnology Programme (Reg.No. 1901BT2001), hereby declare that I have completed the Research Related Task "PREVELANCE OF URINARY TRACT PARASITES IN PATIENTS"

upto the satisfaction of my Advisor and have submitted all related records to him on 18.03.2020. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 18.03.2020

*[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 - 613 403, 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 : **J. BALAMAGESH**
- Register No. : **1901BT2001**
- Programme & Branch : **M.Sc BIOTECHNOLOGY** Batch: **2019-2021** Semester: **I**

II. Faculty Advisor Details

- Name of the Faculty Advisor : **DR. C. ANUSHIA**
- Designation: **ASSOCIATE PROFESSOR** Department: **BIOTECHNOLOGY**

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

**PREVALENCE OF URINARY TRACT PARASITES IN PATIENTS**

ii. Date of Allotment of the Task:

**05.02.2020**

iii. Date of Completion of the

**18.03.2020**

Task:

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. **J. BALAMAGESH**, a bonafide student of **M.Sc Biotechnology**

(Reg.No. **1901BT2001**) who has been allotted a Research Related Task "**PREVALENCE OF**

**URINARY TRACT PARASITES IN PATIENTS**" "on

**05.02.2020** has successfully completed the above mentioned task on **18.03.2020** to my satisfaction and has

submitted all task completion related records to me.

Date: **18.03.2020**

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

**Signature of the Faculty Advisor**

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**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 : C. VINAY
- Register No. : 1802BT2002
- Programme & Branch : M.SC. BIOTECHNOLOGY Batch: 2018-2020 Semester: III

##### II. Faculty Advisor Details

- Name of the Faculty Advisor : DR. R.V. SHALINI
- Designation: ASSISTANT PROFESSOR Department: BIOTECHNOLOGY

##### III. Details of Research Related Task Allotted:

###### i. Description of Research Related Task

A framework for establishing forest harvesting regulations with non linear models. The regulation is established by optimizing smooth control of forest harvesting.

ii. Date of Allotment of the Task:

03.07.2019

iii. Due Date Proposed for Completion of Task:

04.11.2019

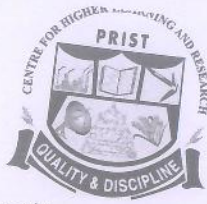
C. Vinay  
Signature of the Student:

R.V. Shalini  
Signature of the Faculty Advisor

Date: 04.11.2019

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

*Shalini*  
HOD  
Head of the Department  
Department of Biotechnology  
School of A214 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 : C. VINAY
- Register No. : 1802BT2002
- Programme & Branch : M.Sc. BIOTECHNOLOGY Batch: 2018-20 Semester: III

#### II. Faculty Advisor Details

- Name of the Faculty Advisor : DR. R.V. SHALINI
- Designation: ASSISTANT PROFESSOR Department: BIOTECHNOLOGY

#### III. Details of the Task Undertaken:

- i. Details of the Task: OPTIMAL TIMING OF HARVESTING OF FOREST STANDS FOR ISOLATION OF ROOT RHIZOPHERES
- ii. Date of Allotment of the Task: 03-07-2019
- iii. Date of Completion of the Task: 04-11-2019

#### V. Declaration of the Student

C. VINAY, a student of M.Sc. BIOTECHNOLOGY Programme (Reg.No.1802BT2002.), hereby declare that I have completed the Research Related Task "OPTIMAL TIMING OF HARVESTING OF FOREST STANDS FOR ISOLATION OF ROOT RHIZOPHERES" the satisfaction of my Advisor and have submitted all related records to him on 04-11-2019. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

04-11-2019.  
 Head of the Department  
 Department of Biotechnology  
 School of Arts & Science  
 Ponnaiyah Ramajayam Institute of Science and Technology  
 Ponnaiyah Ramajayam Institute of Science and Technology, Thanjavur.

R.V. Shalini  
 Faculty Advisor

C. Vinay  
 Signature of the Student

Head of Arts & Science  
 Ponnaiyah Ramajayam Institute of Science and Technology





**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 : C. VINAY
- Register No. : 1802BT2002
- Programme & Branch : MSc. BIOTECHNOLOGY Batch: 2018-2020 Semester: III

**II. Faculty Advisor Details**

- Name of the Faculty Advisor : DY. R. V. SHALINI
- Designation: ASSISTANT PROFESSOR Department: BIOTECHNOLOGY

**III. Details of Research Related Task Allotted:**

i. Details of the Task Allotted:

OPTIMAL TIMING OF HARVESTING OF FOREST STANDS

ii. Date of Allotment of the Task:

. 07. 2019

iii. Date of Completion of the

. 11. 2019

Task:

**IV. Certificate for Successful Completion of Task**

This is to certify that Mr./Ms. C. VINAY, a bonafide student of MSc. BIOTECHNOLOGY

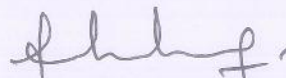
(Reg.No. 1802BT2002) who has been allotted a Research Related Task "OPTIMAL

TIMING OF HARVEST OF FOREST STANDS FOR ISOLATION OF "on <sup>ROOT RHIZO</sup> <sup>PHASE</sup>

07.07.2019 has successfully completed the above mentioned task on 04.11.2019 . to my satisfaction and has

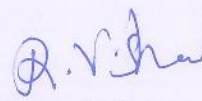
submitted all task completion related records to me.

Date: 04.11.2019

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

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Signature of the Faculty Advisor

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

**DEPARTMENT OF CIVIL ENGINEERING.**

**ACADEMIC YEAR: -2019-2020**

**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) 17PGSTEFT	1801SE2001	NIKHIL. C. JOHN	Structural Analysis and Design of a Multistory structure.
2	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2002	MUKESHKUMAR .P	Analysis and Design of Footbridge.
3	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2003	PRAVEEN KUMAR .R	Effect of Wind on RC structure resting on sloping ground and Analysis done using Etabs software.
4	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2004	RAAM ARAVINDH .T	Analysis and Design of Skew bridge
5	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2006	ANAND .M	Dynamic analysis of Residential Building.
6	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2007	SAKTHIVEL .R	Retrofitting of reinforced concrete frames using steel bracings.
7	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2008	BHUVANESWARI .S	Comparison of analysis and design of regular and irregular configuration of multi story building in

*B. Aravind*  
Head of the Department  
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	17PGSTEFT			various seismic zones and various types of soils.
8	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2009	MAHARAJ .M	Structural analysis of a multi-storied building for different plan configurations.
9	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2010	VIGNESH .M	Structural design of concrete structure.
10	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2011	ASIF AHAMED .R	Effect of wind load on tall buildings in different terrain category.
11	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2012	SANTHOSH .S	Earth quack analysis of multi storied residential building.
12	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2013	SIVAMANI.R	Analysis and design of multistory building with grid slab.
13	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2014	ARAVINDHA CHOLAN. R	Enhancing Confinement and Ductility of Circular Columns.
14	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2015	ABDUL ILAH. A	Investigating the Influence of Nano Silica and Nano Alumina on the Packing Density of Cement Paste.
15	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2016	SURIYARAJ .S	Simulating the Penetration of Projectiles on Concrete Panels Using Abaqus.

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	17PGSTEFT			
16	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2017	RAM BABU.C	Investigating the Effects of Changing Box Cell Configuration in Double Box Cell Type Bridges.
17	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2018	NIVASSUDHAN. R	Designing Multi-Storeyed Buildings Based on Performance.
18	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2019	LOGESH.A.V	Evaluating the Performance of Steel-Concrete Composite Bonded Specimens Under Slant Shear Loads.
19	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2020	VISWANATHAN. A	Real-Time Monitoring of Steel Bar Corrosion in Concrete Using Piezoelectric Sensors.

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 DEAN  
 School of Engineering and Tech,  
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 Deemed to be University  
 Vailam, Thanjavur-613 403.

# **STRUCTURAL ANALYSIS AND DESIGN OF A MULTISTORY STRUCTURE**

## **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

**NIKHIL C.JOHN (1801SE2001)**

Under the Guidance of

**Mr. B .JOSE RAVINDRA RAJ**

Assistant Professor



SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

PRIST DEEMED TO BE UNIVERSITY

THANJAVUR- 613403

NOVEMBER - 2019

# **ANALYSIS AND DESIGN OF SKEW BRIDGE**

## **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

**RAAM ARAVINDH.T (1801SE2004)**

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 - 2019

# **DYNAMIC ANALYSIS OF RESIDENTIAL BUILDING**

## **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

**ANAND.M (1801SE2006)**

Under the Guidance of

**Mr. D.JEYAKUMAR**

Assistant Professor



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**DEPARTMENT OF CIVIL ENGINEERING.**

**ACADEMIC YEAR: -2019-2020**

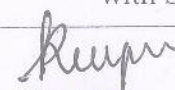
**1.3.3. LIST OF STUDENTS UNDERTAKING RESEARCH PROJECT**

**M.TECH FULL TIME**

S.NO	PROGRAMME NAME	REGISTER NUMBER	STUDENT NAME	TITLE OF THE PROJECT
1	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2001	NIKHIL. C. JOHN	Assessing Seismic Performance of RCC Box Girder Bridges with Different Support Conditions.
2	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2002	MUKESHKUMAR .P	Analyzing the Stability of a Gravity Dam Using MATLAB Programming.
3	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2003	PRAVEEN KUMAR .R	Examining Stress Concentration Issues in Girder Bridges.
4	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2004	RAAM ARAVINDH .T	Seismic Response of Horizontally Curved Bridges with Skewed Abutments.
5	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2006	ANAND .M	Investigating Cost-Efficiency of Buildings in Different Indian Geographical Locations by Utilizing Concrete Wastes.
6	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2007	SAKTHIVEL .R	Analyzing the Types, Behaviors, and Designs of Retaining Wall Structures with Software.

  
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7	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2008	BHUVANESWARI .S	Testing and Utilizing Concrete Block Technology Materials.
8	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2009	MAHARAJ .M	Utilizing Waste Foundry Sand in Concrete Paver Blocks.
9	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2010	VIGNESH .M	Investigating the Remedies and Effects of Floods on Bricks and AAC Block Walls in Residential Buildings.
10	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2011	ASIF AHAMED .R	Seismically Analyzing Floating Column Buildings.
11	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2012	SANTHOSH .S	Examining Aerodynamic Instabilities in Cluster Buildings.
12	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2013	SIVAMAN .R	Optimizing Truss Bridge Cost through Analysis and Use of Hollow Sections.
13	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2014	ARAVINDHA CHOLAN. R	Comparing the Nonlinear Finite Element Analysis of Square and Circular Steel Base Plates on Leveling Nuts using ANSYS.


*B. Prasad*  
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14	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2015	ABDUL ILAH. A	Investigating the Effects of Corrosion on Reinforced Concrete with Steel Fiber and Mineral Admixture Additions.
15	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2016	SURIYARAJ .S	The Effect of Nano Silica and Nano Alumina on Ultra High-Performance Concrete.
16	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2017	RAM BABU.C	Performing Finite Element Analysis of a Beam with a Corrugated Web for a Jib Crane.
17	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2018	NIVASSUDHAN. R	Examining the Mechanical Behaviors of Confined Circular Columns.
18	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2019	LOGESH.A.V	Investigating the Mechanical Behaviors of Rectangular Beams.
19	M.TECH (Structural Engg) (FT) 17PGSTEFT	1801SE2020	VISWANATHAN. A	Analyzing the Multi-Support Excitation of Steel I Girder Bridges Under Spatially Varied Earthquake Ground Motions.

  
**Head of the Department**  
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**Science and Technology (PRIST)**  
**Deemed to be University**  
**Vellam, Thanjavur - 613 403.**

# **EXAMINING STRESS CONCENTRATION ISSUES IN GIRDER BRIDGES**

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

Submitted By

**PRAVEEN KUMAR.R (1801SE2003)**

Under the Guidance of

**Mr. S.RAMAKRISHNAN**

Associate Professor



SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

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THANJAVUR- 613403

MARCH - 2020

# UTILIZING WASTE FOUNDRY SAND IN CONCRETE PAVER BLOCKS

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

Submitted By

**MAHARAJ.M (1801SE2009)**

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

MARCH - 2020

# **OPTIMIZING TRUSS BRIDGE COST THROUGH ANALYSIS AND USE OF HOLLOW SECTIONS**

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

Submitted By

**SIVAMANI.R (1801SE2013)**

Under the Guidance of

**Mr. P.VENKATESWARAN**

Assistant Professor



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MARCH - 2020

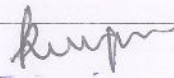
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**DEPARTMENT OF CIVIL ENGINEERING.**  
**ACADEMIC YEAR: -2019-2020**

**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	1901SE2001	DHIVYA J
2	M.TECH (SE) FT	1901SE2002	EZHAVENDAN T
3	M.TECH (SE) FT	1901SE2003	ARUNKUMAR B
4	M.TECH (SE) FT	1901SE2004	MOHAMED ASIF A R
5	M.TECH (SE) FT	1901SE2005	ARUMUGAM S
6	M.TECH (SE) FT	1901SE2006	ANTONY PRADEEP B
7	M.TECH (SE) FT	1901SE2007	PRADEEPRAJ R
8	M.TECH (SE) FT	1901SE2008	SUBIAR AHAMED E
9	M.TECH (SE) FT	1901SE2009	ARAVINTH B
10	M.TECH (SE) FT	1901SE2010	MANIKANDAN R
11	M.TECH (SE) FT	1901SE2011	ARIVARASAN
12	M.TECH (SE) FT	1901SE2012	KATHIRAVAN.V
13	M.TECH (SE) FT	1901SE2013	A.ARUN
14	M.TECH (SE) FT	1901SE2014	B.MOHAMED ANAS
15	M.TECH (SE) FT	1901SE2015	K.PARASURAMAN
16	M.TECH (SE) FT	1901SE2016	T.TAMILVANAN
17	M.TECH (SE) FT	1901SE2017	A.TAMILVANAN
18	M.TECH (SE) FT	1901SE2018	S.KATHIRVELAN

  
Head of the Department  
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THANJAVUR - 613 403, TAMILNADU.

  
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 : J. DHINYA
- Register No. : 19013E2007
- Programme & Branch : M.Tech & Batch: 19-21 Semester: II  
Structural Engineering

#### II. Faculty Advisor Details

- Name of the Faculty Advisor : R-DEVI
- 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:

5/6/19

iii. Due Date Proposed for Completion of Task:

28/6/19

Signature of the Student: *J. Dhinya*

*R. Devi*  
Signature of the Faculty Advisor

Date: 5/6/19



# 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 : J. Dhivya
- Register No. : 19019E2001
- Programme & Branch : M.Tech. & Structural Engineering Batch: 19-21 Semester: II

#### II. Faculty Advisor Details

- Name of the Faculty Advisor : R. Devi
- 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:

5/6/19

##### iii. Date of Completion of the

28/6/19

Task:

#### IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. J. Dhivya, a bonafide student of M.Tech-PT

(Reg.No. 19019E2001) who has been allotted a Research Related Task "Analysis and

Design of Assembly building" "on

5/6/19, has successfully completed the above mentioned task on 28/6/19 to my satisfaction and has

submitted all task completion related records to me.

Date: 28/6/19

B. Praveen  
HOD

R. Devi  
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 : J. Dhivya
- Register No. : 19018E2001
- Programme & Branch : M.Tech & Structural Engineering Batch: (19-21) Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : R. Devi
- 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:

5/6/19

iii. Date of Completion of the

28/6/19

Task:

IV. Declaration of the Student

I, J. Dhivya, a student of M-Tech-ST Programme (Reg.No. 19018E2001), 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 28/6/19. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 28/6/19

Dhivya  
Signature of the Student

R. Devi  
Faculty Advisor

B. Sreenivas  
HOD

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**DEPARTMENT OF CIVIL ENGINEERING.**  
**ACADEMIC YEAR: -2019-2020**  
**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) 17PGSTEPT	1801SE2801	KARTHIKEYAN .K	The Compressibility Properties Of Soil.
2	M.TECH (Structural Engg) (PT) 17PGSTEPT	1801SE2802	SHANMUGAPRIYAN.P	The Effect Of Motivation Of Labour, Cost And Productivity On Nigerian Construction Industry.
3	M.TECH (Structural Engg) (PT) 17PGSTEPT	1801SE2803	SYED AFRIDI.N	The Impact Of Procurement Systems On Construction Cost And Delivery.
4	M.TECH (Structural Engg) (PT) 17PGSTEPT	1801SE2804	VENKATESH PRASAD.S	The Impact Of Effective Contract Planning On Contractors Profit.
5	M.TECH (Structural Engg) (PT) 17PGSTEPT	1801SE2805	VIGNESH.M	Residential Building Collapse In Nigeria: Causes, Effects And Solutions.
6	M.TECH (Structural Engg) (PT) 17PGSTEPT	1801SE2806	RAMESH RAJA.M	Issues And Challenges In The Execution Of Public Sector Housing Projects.
7	M.TECH (Structural Engg) (PT) 17PGSTEPT	1801SE2807	A.RAJ KUMAR	Improvement Of Bearing Capacity Of Sandy Soil By Grouting.
8	M.TECH (Structural Engg) (PT) 17PGSTEPT	1801SE2808	NAVIN KUMAR SINGH	Effect Of Groundnut Shell Ash On Soil Stabilization.

*R. Venk*  
Head of the Department  
Department of Civil Engineering  
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	17PGSTEPT			
9	M.TECH (Structural Engg) (PT) 17PGSTEPT	1801SE2809	ROHIT KUMAR SINGH	Effect And Implication Of Fluoride On Drinking Well Water.
10	M.TECH (Structural Engg) (PT) 17PGSTEPT	1801SE2810	VIKRAM VIVEK.V	Causes Of Construction Project Failures And Abandonemts.
11	M.TECH (Structural Engg) (PT) 17PGSTEPT	1801SE2811	VIKASH KUMAR.K	Causes And Effects Of Abandoned Residential Properties.
12	M.TECH (Structural Engg) (PT) 17PGSTEPT	1801SE2812	BANDISH KUMAR PATEL	An Investigation Into Design Errors And Its Impact On Initial Cost Of A Construction Project.
13	M.TECH (Structural Engg) (PT) 17PGSTEPT	1801SE2813	RAVI KUMAR.S	Innovative Materials For Earthquake-Resistant Buildings.
14	M.TECH (Structural Engg) (PT) 17PGSTEPT	1801SE2814	KIRUBHAKARAN .S	Sustainable Skyscraper Designs.
15	M.TECH (Structural Engg) (PT) 17PGSTEPT	1801SE2815	KRISHNA PRIYA .V.G	Rehabilitation Of Historic Structures Using Modern Techniques.
16	M.TECH (Structural Engg) (PT) 17PGSTEPT	1801SE2816	JAFFER .A.J	Wind And Earthquake- Resistant Building Designs.
17	M.TECH (Structural Engg) (PT) 17PGSTEPT	1801SE2817	DHANUS .T	Structural Health Monitoring For Bridges And Buildings.

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**Ponnaiyah Ramajayam Institute of**  
**Science and Technology (PRIST)**  
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**Vallam, Thanjavur-613,403.**

**THE EFFECT OF MOTIVATION OF LABOUR,  
COST AND PRODUCTIVITY ON NIGERIAN  
CONSTRUCTION INDUSTRY**

**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

**SHANMUGAPRIYAN.P (1801SE2802)**

Under the Guidance of

**Dr. ASHUTOSH DAS**

Professor



SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

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THANJAVUR- 613403

NOVEMBER - 2019

# **THE IMPACT OF EFFECTIVE CONTRACT PLANNING ON CONTRACTORS PROFIT**

**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

**VENKATESH PRASAD.S (1801SE2804)**

Under the Guidance of

**Mrs. T VIDHUDHALAI**

Assistant Professor



SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

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NOVEMBER -2019

# **ISSUES AND CHALLENGES IN THE EXECUTION OF PUBLIC SECTOR HOUSING PROJECTS**

**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

**RAMESH RAJA.M (1801SE2806)**

Under the Guidance of

**Mr. B.JOSE RAVINDRA RAJ**

Assistant Professor



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DEPARTMENT OF CIVIL ENGINEERING.

ACADEMIC YEAR: -2019-2020

**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	1901SE2801	ANNAPOORANI R
2	M.TECH (SE) PT	1901SE2802	KANDASAMY V
3	M.TECH (SE) PT	1901SE2803	SENTHILKUMAR S
4	M.TECH (SE) PT	1901SE2804	BALAKRISHNAN M
5	M.TECH (SE) PT	1901SE2805	ROSHAN BHANU H A
6	M.TECH (SE) PT	1901SE2806	PERIYASAMY M
7	M.TECH (SE) PT	1901SE2807	VIMALRAJA A
8	M.TECH (SE) PT	1901SE2808	DEEPIKA RANI R
9	M.TECH (SE) PT	1901SE2809	MATHIYALAGAN R
10	M.TECH (SE) PT	1901SE2810	VIMALADEVI S
11	M.TECH (SE) PT	1901SE2811	MANJU.M
12	M.TECH (SE) PT	1901SE2812	MONISHA.C
13	M.TECH (SE) PT	1901SE2813	NETHAJI.V

*B. Suresh*

**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.**

*Reevan*  
**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 : M. PERIVASAMY
- Register No. : 1901SE2806
- Programme & Branch : M-Tech & Batch: 19-22 Semester: II  
Structural Engineering

#### II. Faculty Advisor Details

- Name of the Faculty Advisor : B. JOSE RAVINDRA RAJ
- Designation: Assistant professor Department: CIVIL

#### III. Details of Research Related Task Allotted:

##### i. Description of Research Related Task

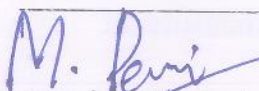
Analysis and design of Auditorium using  
Staad.pro

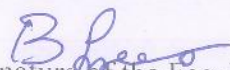
##### ii. Date of Allotment of the Task:

13/6/19

##### iii. Due Date Proposed for Completion of Task:

30/6/19

  
Signature of the Student:

  
Signature of the Faculty Advisor

Date: 13/6/19





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-PERIVASAMY
- Register No. : 1901SE2806
- Programme & Branch : M.Tech & Batch: 19-22 Semester: II  
Structural Engineering

II. Faculty Advisor Details

- Name of the Faculty Advisor : B. JOSE RAVINDRA RAJ
- Designation: Assistant professor Department: CIVIL

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Analysis and Design of Auditorium using staadpro

ii. Date of Allotment of the Task:

13/6/19

iii. Date of Completion of the

30/6/19

Task:

IV. Certificate for Successful Completion of Task

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

(Reg.No. 1901SE2806) who has been allotted a Research Related Task "Analysis and Design of Auditorium using staadpro" on

13/6/19, has successfully completed the above mentioned task on 30/6/19 to my satisfaction and has

submitted all task completion related records to me.

Date: 30/6/18

B. Jose  
HOD

B. Jose  
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 : M. PERIVASAMY
- Register No. : 19013E2806
- Programme & Branch : M.Tech & Batch: 19-22 Semester: II  
Structural Engineering

#### II. Faculty Advisor Details

- Name of the Faculty Advisor : B. JOSE RAVINDRA RAO
- Designation: Assistant professor Department: CIVIL

#### III. Details of the Task Undertaken:

##### i. Details of the Task:

Analysis and Design of Auditorium using Staadpro

##### ii. Date of Allotment of the Task:

13/6/19

##### iii. Date of Completion of the

30/6/19

Task:

#### IV. Declaration of the Student

I, M. PERIVASAMY, a student of M.Tech-SE Programme (Reg.No. 19013E2806), hereby declare that I have completed the Research Related Task "Analysis and Design of Auditorium using Staadpro"

upto the satisfaction of my Advisor and have submitted all related records to him on 30/6/19. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 30.6.19

M. Perivasamy  
Signature of the Student

B. Jose Ravindra Rao  
Faculty Advisor  
B. Jose Ravindra Rao  
HOD