

ACADEMIC YEAR
2018 – 2019



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RESEARCH - ACADEMIC YEAR 2018-2019

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SCHOOL OF ENGINEERING AND TECHNOLOGY

Department of Mechanical Engineering
(2018-2019)
Research Project

BATCH .NO	REG. NUMBER	NAME	PROJECT TITLE
1	1701MT2001	ALAGARRAJ.R	Chain Link Wire Mesh Making Machine
2	1701MT2002	MURUGESAN.M	Motorized Spring Assist Mashing Machine
3	1701MT2003	THAMARAI KANNAN.M	Reciprocating Motion using Inclined Disc Mechanism
4	1701MT2004	SARAVANAN.K	Automatic Flipping Plate Mechanism
5	1701MT2005	SANJAY.P	Motorized Paper Shredder Machine
6	1701MT2006	SELVAPANDI.M	Temperature Controller System Based on PLC Project


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**Department of Mechanical Engineering
(2018-2019)
Research Project**

Design Project /Socio Technical Project

BATCH .NO	REG. NUMBER	NAME	PROJECT TITLE
1	1701MT2001	ALAGARRAJ.R	Assess Local Public Transportation - Energy
2	1701MT2002	MURUGESAN.M	Athletic Shoe Recycling - Waste
3	1701MT2003	THAMARAI KANNAN.M	Beach Cleanup -Waste / Water
4	1701MT2004	SARAVANAN.K	Bilingual Signage - Generic Volunteering
5	1701MT2005	SANJAY.P	Bird Identification and Census - Habitat
6	1701MT2006	SELVAPANDI.M	Bring Your Own Grocery Bag Campaign -Waste



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Department of Mechanical Engineering
(2018-2019)
Research Project

Participation in Bounded Research

BATCH .NO	REG. NUMBER	NAME	PROJECT TITLE
1	1701MT2001	ALAGARRAJ.R	Spring Assist Peizo Generator
2	1701MT2002	MURUGESAN.M	3 Speed Gearbox Mechanism
3	1701MT2003	THAMARAI KANNAN.M	Mechanical Bird Flapping Mechanism
4	1701MT2004	SARAVANAN.K	Motorized Power Steering Mechanism
5	1701MT2005	SANJAY.P	Dual Axis Vehicle Steering Mechanism
6	1701MT2006	SELVAPANDI.M	Leaf Spring Chassis for Construction Trucks



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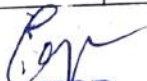
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**Department of Mechanical Engineering
(2018-2019)
Research Project**

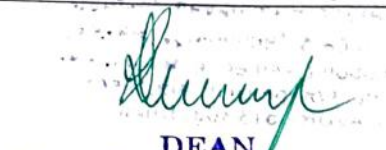
Participation in Bounded Research

M.TECH - PART TIME

BATCH.NO	REG. NUMBER	NAME	PROJECT TITLE
1	1801MT2801	R. SHANMUGANATHAN	Optimization of process parameters for welding ASTM a 36 steel using a locally made arc welding machine
2	1801MT2802	G.RAVISHANKAR	A project report on the design and construction of adjustable drawing table and stool
3	1801MT2803	S.VAIRAMUTHU	Design, construction and testing of beans threshing machine
4	1801MT2804	K.VEERAMANI	Design and fabrication of groundnut shelling machine
5	1801MT2805	RAGHU SHANKAR.R	Design and construction of adjustable drawing table and stool
6	1801MT2806	RISHIKIRAN.D	The design and assembling of a tricycle engine
7	1801MT2807	SARAVANAN.S	Design and construction of a pneumatic


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			water pumping machine
8	1801MT2808	SURENDRAN.D	Design and fabrication of electrical motorized bicycle wheelchair
9	1801MT2809	SURENDRAN.M	Design of an indirect evaporative cooling system for preserving perishable farm produce
10	1801MT2810	VENKATESAN.C	Modern washing machine, principles of operation and maintenance
11	1801MT2811	RAJADURAI.R	Fabrication and construction of window burglar proof
12	1801MT2812	AJITKUMAR.T	Design and fabrication of domestic deep freezer
13	1801MT2813	BALAMURUGAN.G	Design and construction of journal bearing demonstration rig
14	1801MT2814	DINESH .C	Construction and fabrication of charcoal oven



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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 : Sanjay.P
- Register No. : 1701 ME 2005
- Programme & Branch : M.Tech Manufacturing Technology
- Batch: 2018-19
- Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : Prityaj Kumar
- Designation: AP
- Department: Mech.

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

MotORIZED Paper Shredder machine to use by very easy to cut the paper is very quickly.

ii. Date of Allotment of the Task: 17/18

iii. Due Date Proposed for Completion of Task: 30/7/18

Signature of the Student:

Signature of the Faculty Advisor

Date: 30/7/18

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Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : Sanjay P.
- Register No. : 1701MP2005
- Programme & Branch : M.Tech Manufacturing Technology Batch: 2018-19 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : P. Vijayakumar
- Designation: Ap Department: Mechanical

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Motorized Paper Shredder Machine

ii. Date of Allotment of the Task:

17/18

iii. Date of Completion of the Task:

30/7/18

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. Sanjay P, a bonafide student of MPT- M.Tech

(Reg.No. 1701MP2005) who has been allotted a Research Related Task "Motorized

Paper Shredder Machine" on

17/18, has successfully completed the above mentioned task on 30/7/18 to my satisfaction and has submitted all task completion related records to me.

Date: 30/7/18

[Signature]

[Signature]
MOD

[Signature]
Signature of the Faculty Advisor

[Signature]
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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 : Sanjay P.
- Register No. : 1701MR2005
- Programme & Branch : M.Tech Batch: 2018-19 Semester: 1
Manufacturing Technology

II. Faculty Advisor Details

- Name of the Faculty Advisor : P. Vijayarunni
- Designation: AP Department: Mech

III. Details of the Task Undertaken:

i. Details of the Task:

Motorized Paper Shredder Machine

ii. Date of Allotment of the Task:

21/07/18

iii. Date of Completion of the Task:

30/07/18

IV. Declaration of the Student

I, P. Sanjay, a student of M.Tech Programme (Reg.No. 1701MR2005), hereby declare that I have completed the Research Related Task” Motorised Paper Shredder Machine.”

upto the satisfaction of my Advisor and have submitted all related records to him on 30/07/2018. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 30/07/18

Faculty Advisor

 HOD

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 : M. Murugesan
- Register No. : 1701MPT2002
- Programme & Branch : M.Tech. Manufacturing Technology. Batch: 2018-19. Semester: 2.

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. V. Yalini
- Designation: Asst. Professor. Department: Mech.

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Gear box Mechanism

ii. Date of Allotment of the Task:

01/07/18

iii. Date of Completion of the Task:

30/07/18

IV. Certificate for Successful Completion of Task

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

(Reg.No. 1701MPT2002) who has been allotted a Research Related Task "Gear box

Mechanism using lathe machine" "on

01/07/18 has successfully completed the above mentioned task on 30/07/18 to my satisfaction and has

submitted all task completion related records to me.

Date: 30/07/18

HOD

Signature of the Faculty Advisor
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Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : M. Murugesan
- Register No. : 1701MP2002
- Programme & Branch : M.Tech Manufacturing Technology . Batch: 2018-19 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. V. Yalin
- Designation: Associate Professor . Department: Mech .

III. Details of the Task Undertaken:

i. Details of the Task:

Gear box Mechanism

ii. Date of Allotment of the Task:

01/07/18

iii. Date of Completion of the Task:

30/07/18

IV. Declaration of the Student

I, M. Murugesan, a student of M.Tech Programme (Reg.No. 1701MP2002) hereby declare that I have completed the Research Related Task "Gearbox Mechanism using lathe machine"

upto the satisfaction of my Advisor and have submitted all related records to him on 30/07/18. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 30/07/18

[Signature]
HOD

Faculty Advisor

[Signature]
HOD

M. Murugesan
Signature of the Student

[Signature]
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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. Murugesan
- Register No. : 1701MR2002
- Programme & Branch : M.Tech, Manufacturing Technology
- Batch: 2018-19
- Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. V. Yalini
- Designation: Asso. Professor
- Department: Mech.

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

To Operate the Lathe machine to
some operation using gear box mechanism.

ii. Date of Allotment of the Task:

01/07/18

iii. Due Date Proposed for Completion of Task:

30/07/18

Signature of the Student: M. Murugesan

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Date: 01/07/18

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Signature of the Faculty Advisor

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CHAIN LINK WIRE MESH MAKING MACHINE

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

Submitted By

ALAGARRAJ.R 1701MT2001

Under the Guidance of

Mr. G.ARUNKUMAR



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

MAY-2019

MOTORIZED SPRING ASSIST MASHING MACHINE

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

Submitted By

MURUGESAN.M 1701MT2002

Under the Guidance of

Mr. J.SELVAMANI



SCHOOL OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING

VALLAM THANJAVUR – 613403

MAY-2019

RECIPROCATING MOTION USING INCLINED DISC MECHANISM

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

Submitted By

THAMARAI KANNAN.M 1701MT2003

Under the Guidance of

Mr. R.BASKARAN



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

MAY-2019

AUTOMATIC FLIPPING PLATE MECHANISM

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

Submitted By

SARAVANAN.K 1701MT2004

Under the Guidance of

Mr. M.SUDHAHAR



**SCHOOL OF ENGINEERING AND TECHNOLOGY
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MAY-2019



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School Of Engineering And Technology

Department of ECE

Academic Year -2018-19

1.3.3 Percentage of Programs that have components of Research project

M-TECH-FULL TIME /PART TIME

S.No	Student Name	Program Name	Register Number	Title Of Project
1.	S. LAKSHIYA SREE	M.TECH (COS) FT	1701CO2001	Robust Modulation of PWM-Based Multi-Level Perpendicular Magnetic Recording for Conventional Media
2.	K. ARUMUGAM	M.TECH (COS) FT	1701CO2002	A Novel Software-Driven CDN for Better Content Pricing and Caching
3.	B. RAGHUNATH	M.TECH (COS) FT	1701CO2003	Secrecy Transmission Scheme Based on 2-D Polar Coding Over Block Fading Wiretap Channels
4.	H. NAFFESSA BEGUM	M.TECH (COS) FT	1701CO2004	Self-Healing Topology Discovery Protocol for Software-Defined Networks
5.	S. SUNDARSINGH	M.TECH (COS) FT	1701CO2005	Stochastic Geometry Analysis of Coordinated Beam forming Small Cell Networks With CSI Delay
6.	R. VAISHNAVI	M.TECH (COS) FT	1701CO2006	Transmit-Power Minimization for NOMA-Enabled Traffic Offloading With Security Provisioning
7.	A. DAVID ANAND	M.TECH (COS) FT	1701CO2007	A New Construction of EVENODD Codes With Lower Computational Complexity
8.	V. KATHIRESH	M.TECH (COS) FT	1701CO2008	A Successive Optimization Approach to Pilot Design for Multi-Cell Massive MIMO Systems

[Handwritten Signature]

Head Of the Department
Department Of Electronics and
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[Handwritten Signature]

Head Of the Department
Department Of Electronics and
Communication Engineering,
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HOD/ECE

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School Of Engineering And Technology
Department of ECE
Academic Year -2018-19

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

S.No	Student Name	Program Name	Register Number
1.	C. DIVAKAR	M.TECH (COS) PT	1801CO2801
2.	VANAJA R	M.TECH (COS) PT	1801CO2802
3.	PANCHMOORTHY P	M.TECH (COS) PT	1801CO2803
4.	MAHIMA B	M.TECH (COS) PT	1801CO2804
5.	GAUTHAM K	M.TECH (COS) PT	1801CO2805
6.	SANJANA R	M.TECH (COS) PT	1801CO2806
7.	ARUNACHALAM R	M.TECH (COS) PT	1801CO2807
8.	YOGESWARI P	M.TECH (COS) PT	1801CO2808
9.	JANAKI DEVI R	M.TECH (COS) PT	1801CO2809
10.	SUBRAMANIYAN P	M.TECH (COS) PT	1801CO2810
11.	SHAHANA F	M.TECH (COS) PT	1801CO2811
12.	FARHANA M	M.TECH (COS) PT	1801CO2812
13.	MOHAMED ALI R	M.TECH (COS) PT	1801CO2813
14.	JOHN ANTONY R	M.TECH (COS) PT	1801CO2814
15.	RICHARDS	M.TECH (COS) PT	1801CO2815
16.	SUGANESH P	M.TECH (COS) PT	1801CO2816
17.	THIRUCHELVAM N	M.TECH (COS) PT	1801CO2817
18.	NAGESH G	M.TECH (COS) PT	1801CO2818

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19.	GURU T	M.TECH (COS) PT	1801CO2819
20.	THENMOZHI P	M.TECH (COS) PT	1801CO2820
21.	PRABHA U	M.TECH (COS) PT	1801CO2821
22.	ARULMOZHI .G	M.TECH (COS) FT	1801CO2001
23.	KARTHIKEYAN .S	M.TECH (COS) FT	1801CO2002
24.	KARTHIK .P	M.TECH (COS) FT	1801CO2003
25.	AGNEL NAVIN .P	M.TECH (COS) FT	1801CO2004
26.	KERLIN SARA WILSON	M.TECH (COS) FT	1801CO2005
27.	BAKKIYARAJ .D	M.TECH (COS) FT	1801CO2006
28.	GURUBARAN .M	M.TECH (COS) FT	1801CO2007
29.	HARANI G.	M.TECH (COS) FT	1801CO2008
30.	BASHIRUNISHA S	M.TECH (COS) FT	1801CO2009
31.	SUGUMAR S.	M.TECH (COS) FT	1801CO20010
32.	SANDEEP KUMAR K	M.TECH (COS) FT	1801CO20011
33.	NITHIYA K	M.TECH (COS) FT	1801CO20012
34.	RAMAMOORTHY R	M.TECH (COS) FT	1801CO20013
35.	SHEIK HASAN P	M.TECH (COS) FT	1801CO20014
36.	RAJAVEL P	M.TECH (COS) FT	1801CO20015
37.	PRATHAPAN M	M.TECH (COS) FT	1801CO20016
38.	AGILAN M	M.TECH (COS) FT	1801CO20017
39.	RAJKUMAR P	M.TECH (COS) FT	1801CO20018
40.	BHARATHI R	M.TECH (COS) FT	1801CO20019
41.	MEENA DEVI R	M.TECH (COS) FT	1801CO20020
42.	AMUTHA C	M.TECH (COS) FT	1801CO20021

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Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : C. DIVAKAR
- Register No. : 1801C02801
- Programme & Branch : CS - M.Tech Batch: 18-20 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : S. DEVI
- Designation: DEAN Department: ECE.

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

study of quality of service parameters of heterogeneous networks using Wi-Fi and cross layer schemes.

ii. Date of Allotment of the Task:

11/6/18

iii. Due Date Proposed for Completion of Task:

30/6/18

Signature of Head of the Department
Department Of Electronics and
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Signature of the Faculty Advisor
School of Engineering and Tech.
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Date: 11/6/18



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. DIVAKAR
Register No. : 1801102801
Programme & Branch : CS-M.Tech Batch: 18-20 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : S. DEVI
Designation: DEAN Department: ECE

III. Details of the Task Undertaken:

i. Details of the Task:

Heterogeneous networks using Wi-MAN

- ii. Date of Allotment of the Task: 11/6/18
iii. Date of Completion of the Task: 30/6/18

IV. Declaration of the Student

I, C. DIVAKAR, a student of CS-M.TECH Programme (Reg.No. 1801102801), hereby declare that I have completed the Research Related Task "To improve quality & service parameter of heterogeneous networks using Wi-MAN" 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: 30/6/18

Signature of the Student

Head Of the Department
Department Of Electronics and
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Faculty Advisor
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Varam, 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 : C.DIVAKAR
- Register No. : 180102801
- Programme & Branch : CS - M.Tech Batch: 18-20 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : S.DEVI
- Designation: DEAN Department: ECE

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Heterogeneous networks using wi-max

ii. Date of Allotment of the Task:

11/6/2018

iii. Date of Completion of the

30/6/2018

Task:

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. C.DIVAKAR, a bonafide student of CS - M.TECH

(Reg.No. 180102801) who has been allotted a Research Related Task " To improve

Quality & Service parameters of heterogeneous network " on

11/6/18, has successfully completed the above mentioned task on 30/6/2018 to my satisfaction and has

submitted all task completion related records to me.

Date: 30/6/2018

Head Of the Department
Department Of Electronics and
Communication Engineering
Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST)
Institution Deemed to be University

HOD

Signature of the Faculty Advisor

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



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : SANJANA R
- Register No. : 1801C02806
- Programme & Branch : CS - M.TECH Batch: 18-20 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : DISMITHA ELSA PETER
- Designation: professor Department: ECE

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

wireless battery charging method

ii. Date of Allotment of the Task:

11/6/18

iii. Due Date Proposed for Completion of Task:

30/6/18

Signature of the Student: *[Signature]*
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

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

Date: 11/6/2018



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 : SANJANA R
- Register No. : 1801C02806
- Programme & Branch : CS-M.TECH Batch: 18-20 Semester: II

II. Faculty Advisor Details

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

III. Details of the Task Undertaken:

i. Details of the Task:

wireless charging techniques.

ii. Date of Allotment of the Task:

11/6/18

iii. Date of Completion of the Task:

30/6/18



IV. Declaration of the Student

I, SANJANA R, a student of CS M.Tech Programme (Reg.No. 1801C02806), hereby declare that I have completed the Research Related Task "wireless charging method using pad (charging pad)"

upto the satisfaction of my Advisor and have submitted all related records to him on 30/6/18. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 30/6/18

 Head Of the Department
 Department Of Electronics and
 Communication Engineering


 Faculty Advisor

 HOD


 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 & Technology (PRIST)
 (Institution Deemed to be University
 No. 3 of the UGC, 2013)
 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 : BANJANA, R
- Register No. : 1801C02806
- Programme & Branch : CS - M.TECH Batch: 18-20 Semester: II

II. Faculty Advisor Details

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

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Wireless battery charging method

ii. Date of Allotment of the Task:

11/6/2018

iii. Date of Completion of the

30/6/2018

Task: wireless battery charging method.

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. BANJANA, R, a bonafide student of M.TECH (CS)

(Reg.No. 1801C02806) who has been allotted a Research Related Task "Wireless

charging method using wireless pad"

"on

11/6/2018 has successfully completed the above mentioned task on 30/6/2018 to my satisfaction and has

submitted all task completion related records to me.

Date: 30/6/2018
 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.

[Signature]
 HOD

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

**ROBUST MODULATION OF PWM- BASED MULTI-LEVEL
PERPENDICULAR MAGNETIC RECORDING FOR
CONVENTIONAL MEDIA**

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

PHASE II PROJECT REPORT

Submitted By

S.Lakshiyasree (Reg no:1701CO2001)

Under the Guidance of

Dr. SMITHA ELSA PETER.,Ph.D

Professor/ECE



FACULTY OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PRIST UNIVERSITY

THANJAVUR - 613 403

MAY-2019

**SELF-HEALTHING TOPOLOGY DISCOVERY PROTOCOL FOR
SOFTWARE- DEFINED NETWORK**

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

PHASE II PROJECT REPORT

Submitted By

H.Naffessa Begum (Reg no:1701CO2004)

Under the Guidance of

Dr. N.PARAVATHAM.,Ph.D

Professor/ECE



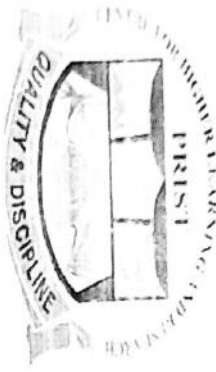
FACULTY OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PRIST UNIVERSITY

THANJAVUR - 613 403

MAY-2019



P. R. S. T.
DEEMED TO BE
UNIVERSITY
NAAC ACCREDITED
THANJAVUR - 613 403 - TAMIL NADU

SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

1.3.3 Research Projects

2018-2019

P. Arvi

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.

Arvi

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

1.3.3 List of students undertaking Research projects 2018-2019

S.NO	PROGRAM NAME	REGISTRER NO	NAME OF THE STUDENT	RESEARCH PROJECT	TITLE OF THE PROJECT
1.	M.TECH FT	211728201	AHALYA.R	Research project	Low-cost LPG Leakage Detector
2.	M.TECH FT	211728202	DEEPAN .R	Research project	A Multi-Level Cascaded H-Bridge StatCom with Low Capacitance
3.	M.TECH FT	211728203	GNANAPRAGASH .S	Research project	A Modified DC Power Electronic Transformer Based on Full-Bridge Converter Series Connection
4.	M.TECH FT	211728204	GNANASEHARAN .A	Research project	A multilevel transformerless inverter with a ground connection between the PV negative and positive terminals.
5.	M.TECH FT	211728205	GOPINATHAN .S	Research project	Electric Vehicle Battery Charging Solutions
6.	M.TECH FT	211728206	NOAGIJIMANAPIERRE	Research project	Maximum Voltage Levels and Minimum DC Sources in a New Multilevel Inverter Topology
7.	M.TECH FT	211728207	PALANISAMY .G	Research project	Nonlinear Current Control in Single Phase Grid Connected PV Systems: A New Simulation Modeling
8.	M.TECH FT	211728208	RAVIELANGO .A	Research project	PIN Diode-Based Fire Sensor
9.	M.TECH FT	211728209	SAROJINI .K	Research project	The Application of a New Soft-Switching Configuration
10.	Head of the Department Department Of Electronics and Communication Engineering	211728210	VIJAYAN .M	Research project	A New H5 Topology with Low Common-Mode Currents

P. Anuj
Head of the Department
Department Of Electronics and
Communication Engineering
Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST)
Institution Deemed to be University
(The UGC Act, 1956)
3 of the UGC Act, 1956
TAMILNADU
TAMILNADU - 613 403, TAMILNADU

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

Design / Socio Technical Project

SNO	PROGRAM NAME	REGISTRER NO	NAME OF THE STUDENT	RESEARCH PROJECT	TITLE OF THE PROJECT
1	MTECH FT	211728201	AHALYA.R	Design / Socio Technical Project	Modelling and control of VSC-HVDC Transmissions for Transient Stability Improvement of a Power System
2	MTECH FT	211728202	DEEPAN .R		
3	MTECH FT	211728203	GNANAPRAGASH .S		
4	MTECH FT	211728204	GNANASEHARAN .A		
5	MTECH FT	211728205	GOPINATHAN .S	Design / Socio Technical Project	Time-coordinated multi-energy management of small buildings under uncertainty
6	MTECH FT	211728206	NOAGIJIMANAPIERRE		
7	MTECH FT	211728207	PALANISAMY .G	Design / Socio Technical Project	A model based de fault location scheme for multi-terminal mmc-HVDC systems using a distributed transmission line representation Schd of Engineering and Tech. Ponnaiyah Ramalayam Institute of Science and Technology (PRIST) Deemed to be University Valliam, Thanjavur - 613, 403.

Head Of the Department
Department Of Electronics and 211728208
Communication Engineering
Ponnaiyah Ramalayam Institute of
Science & Technology (PRIST)
Institution Deemed to be University
 3rd floor UGC/AFPI
 Valliam - 613 403, India

RAVELLANGO .A
 SAROJINI .K
 VIJAYAN .M

Design / Socio Technical Project
 Design / Socio Technical Project

Modelling and control of VSC-HVDC Transmissions for Transient Stability Improvement of a Power System
 Time-coordinated multi-energy management of small buildings under uncertainty
 A model based de fault location scheme for multi-terminal mmc-HVDC systems using a distributed transmission line representation
 Schd of Engineering and Tech. Ponnaiyah Ramalayam Institute of Science and Technology (PRIST) Deemed to be University Valliam, Thanjavur - 613, 403.

22	M.TECH FT	1801PS2012	BALAJI B	Participation in Bounded Research	Wind Turbine Control Strategy Using a Permanent Magnet Synchronous Generator
23	M.TECH FT	1801PS2013	SATHISH GOWTHAM P	Participation in Bounded Research	Wind Turbine Control Strategy Using a Permanent Magnet Synchronous Generator
24	M.TECH FT	1801PS2014	BARATHKUMARE	Participation in Bounded Research	Design and Development of a Three-Phase Converter for an Unbalanced AC Source Using MATLAB
25	M.TECH FT	1801PS2015	PALANIKUMAR C	Participation in Bounded Research	Design of a SEPIC with Sliding Mode Control
26	M.TECH FT	1801PS2016	HARIKUMAR U	Participation in Bounded Research	CCM Design of a Transformerless Common Grounded PV Micro-inverter Derived from Cuk
27	M.TECH FT	1801PS2017	NITHISH K	Participation in Bounded Research	High-Performance Development OF Induction motor drives with direct torque control and feedback linearization
28	M.TECH FT	1801PS2018	ASHWIN S	Participation in Bounded Research	Interconnected AC Microgrids Operation with Dynamic Active and Reactive Power Tuning
29	M.TECH FT	1801PS2019	KALAIYANAN K	Participation in Bounded Research	Solar PV Integrated UPQC-P for Critical Loads: Dynamic Performance
30	M.TECH FT	1801PS2020	MAHALINGAM R	Participation in Bounded Research	Two Switched Impedance Network Enhanced-Boost Quasi-Z-Source Inverters
31	M.TECH FT	1801PS2021	KALAIYARASAN K	Participation in Bounded Research	Using a hybrid, estimate the state of charge for an LFP battery.

P. Anvi

Head Of the Department
Department Of Electronics and
Communication Engineering

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

Anvi

DEAN

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

ADAPTIVE DROOP WITH STABILITY CONSTRAINTS FOR POWER SHARING IN AC-MTDC GRIDS

RESEARCH PROJECT

Submitted By

DEEPIKA .J

(1801PS2001)

Under the Guidance of

Mr.J.VIVEK RAJA

ASSISTANT PROFESSOR

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

MASTER OF TECHNOLOGY IN POWER SYSTEM



PRIST
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UNIVERSITY
NAAC ACCREDITED
THANJAVUR- 613 403 · TAMIL NADU

FACULTY OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

THANJAVUR – 613403

MAY 2020

A MULTI-LEVEL CASCADED H-BRIDGE STATCOM WITH LOW CAPACITANCE

RESEARCH PROJECT

Submitted By

DEEPAN .R (211728202)

Under the Guidance of

Mr.J.VIVEK RAJA

ASSISTANT PROFESSOR

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

MASTER OF TECHNOLOGY IN POWER SYSTEM



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

FACULTY OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

THANJAVUR – 613403

MAY 2019

**A MODIFIED DC POWER ELECTRONIC TRANSFORMER
BASED ON FULL-BRIDGE CONVERTER SERIES
CONNECTION**

RESEARCH PROJECT

Submitted By

GNANAPRAGASH .S (211728203)

Under the Guidance of

Mr.J.PRINCE JOSHUA GLADSON

ASSISTANT PROFESSOR

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

MASTER OF TECHNOLOGY IN POWER SYSTEM



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

FACULTY OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

THANJAVUR – 613403

MAY 2019

TIME-COORDINATED MULTI-ENERGY MANAGEMENT OF SMALL BUILDINGS UNDER UNCERTAINTY

DESIGN / SOCIO TECHNICAL PROJECT

Submitted By

GOPINATHAN .S (211728205)

NOAGIJIMANAPIERRE (211728206)

PALANISAMY .G (211728207)

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



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

FACULTY OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

THANJAVUR – 613403

MAY 2019

MODELLING AND CONTROL OF VSC-HVDC TRANSMISSIONS FOR TRANSIENT STABILITY IMPROVEMENT OF A POWER SYSTEM

DESIGN / SOCIO TECHNICAL PROJECT

Submitted By

AHALYA.R	(211728201)
DEEPAN .R	(211728202)
GNANAPRAGASH .S	(211728203)
GNANASEHARAN .A	(211728204)

Under the Guidance of

Dr.S.A.ALAMED IBRAHIM
ASSISTANT PROFESSOR

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

MASTER OF TECHNOLOGY IN POWER SYSTEM



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

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 : KALAIVANAN. K
- Register No. : 1801PC2019
- Programme & Branch : M.Tech PC, Batch: 18-20 Semester II

II. Faculty Advisor Details

- Name of the Faculty Advisor : Mrs. N. Arthi
- Designation: Assistant Professor Department: EEE

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Solar PV Integrated UPQC-P for Critical loads

ii. Date of Allotment of the Task:

02/6/18

iii. Date of Completion of the Task:

30/6/18

IV. Certificate for Successful Completion of Task

This is to certify that Mr. M. Kalaiivanan. K., a bonafide student of M.Tech (PC)

(Reg.No. 1801PC2019), who has been allotted a Research Related Task - Solar PV

Integrated UPQC-P for Critical loads.

has successfully completed the above mentioned task on 02/6/18 to my satisfaction and has

submitted all completion related records to me.

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

N. Arthi
 HOD
 for

N. Arthi
 Signature of 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 : KALAIVANAN - K
- Register No : 1801PR2019
- Programme & Branch : M.TECH & PS, Batch: 18-20 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : Mrs. N. Anithi
- Designation: Asst. Professor, Department: EEE

III. Details of the Task Undertaken:

i. Details of the Task:

Solar PV Integrated UPQC-P for Critical load.

ii. Date of Allotment of the Task:

2/6/18

iii. Date of Completion of the

30/6/18

Task:

IV. Declaration of the Student

I, KALAIVANAN, K., a student of M.TECH & PS Programme (Reg.No. 1801PR2019), hereby declare that I have completed the Research Related Task" Solar PV Integrated UPQC-P for Critical load.

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: 30/6/18

P. Anuj
 Head Of the Department
 Department Of Electronics and
 Communication Engineering
 Ponnaiyah Ramajayam Institute of
 Science & Technology (PRIST)
 (Institution Deemed to be University
 under Sec 3 of the UGC Act, 1956)
 THANJAVUR - 612 403, TAMIL NADU

N. Anithi
 Faculty Advisor
N. Anithi
 HOD

B. Srinivasan
Signature of the Student

Anuj
 DEAN
 School of Engineering and Tech.
 Ponnaiyah Ramajayam Institute of
 Science and Technology (PRIST)
 Deemed to be University
 Vallam, Thanjavur - 612 403.



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : KALAIVANAN . K .
- Register No. : 1801PC2019
- Programme & Branch : M.TECH RPS Batch: 18-20 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : Mrs. N. Anithi
- Designation: Assistant Professor Department: EEE

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

Under Critical loads, demand of electricity is overcome by solar PV integrated updc.

ii. Date of Allotment of the Task:

02/6/18

iii. Due Date Proposed for Completion of Task:

30/6/18

K. Kalivanan . K .
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
3 of the UGC Act.1956)
T. ANJAVUR - 613 403, TAMIL NADU.

Date:

30/6/18

HOD

N. Anithi
Signature of the Faculty Advisor
DEAN

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



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : C. PALANIKUMAR
- Register No. : 1801PS2015
- Programme & Branch : M.TECH & PS. Batch: 18-20 Semester: 4

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. S. EZHILARASANI
- Designation: Associate Professor Department: EEE

III. Details of the Task Undertaken:

i. Details of the Task:

Design of Sepic with sliding mode control

ii. Date of Allotment of the Task:

01/06/18

iii. Date of Completion of the Task:

30/06/18

IV. Declaration of the Student

I, C. PALANIKUMAR a student of M.TECH (PS) Programme (Reg.No. 1801PS2015) hereby declare that I have completed the Research Related Task on "Design of Sepic with sliding mode Control".

upto the satisfaction of my Advisor and have submitted all related records to him on 30/06/18. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 30/6/18

P. Anj
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 - 613 403, TAMIL NADU.

S. Ezhil
Faculty Advisor
for S. Ezhil
HOD

S. Palanikumar
Signature of the Student

Anj
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 : C. PALANIKUMAR
- Register No. : 1801PS2015
- Programme & Branch : M.TECH PS Batch: 18-20 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. S. Ezhilarasan
- Designation: Associate Professor Department: EEE

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

A short overview of sliding mode with SEPIC model in Industries and to achieve its maximum quality.

ii. Date of Allotment of the Task:

01/06/18

iii. Due Date Proposed for Completion of Task:

30/6/18

C. Palani Kumar
Signature of the Student

P. Arun
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
TANJAVUR - 613 403, TAMIL NADU

Date: 01/06/18

HOD

S. Ezhilarasan
Signature of the Faculty Advisor

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



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Certification for Research Related Task Completion

I. Student Details

- Name of the Student : C. PALANIKUMAR,
- Register No. : 1801PS2015
- Programme & Branch: M.TECH - PS, Batch: 18-20 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. S. EZHILARASAN
- Designation: ASSOCIATE PROFESSOR Department: EEE

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Design of SEPIC with Sliding Mode Control.

ii. Date of Allotment of the Task:

11/6/18

iii. Date of Completion of the

30/6/18

Task:

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. C. PALANIKUMAR, a bonafide student of M.TECH PS

(Reg.No. 1801PS2015) who has been allotted a Research Related Task " To design a.

SEPIC with Sliding mode Control. " on

has successfully completed the above mentioned task on 30/6/18 to my satisfaction and has

submitted the completion related records to me.

P. Anny
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)
V. JAVUR - 613 403, TAMIL NADU.

L. Subramanian
HOD

S. Ezhilarasan
Signature of the Faculty Advisor
DEAN
School of Engineering and Tech.
Ponnaiyah Ramajayam Institute of
Science and Technology (PRIST)
Deemed to be University
Vailath, Thiruvallur - 613 403.



1.3.3 Percentage of Programs that have Components of Research Project

S.NO	REGISTER NUMBER	NAME	Program Name	Title of Project
1.	1701ECS1629	PRAVEEN.M	M.Tech(CSE-FT)	Design and implementation of online driving school management system
2.	1701ECS1630	JAYAPRIYAN.J	M.Tech(CSE-FT)	Design and implementation of an online crime reporting system with graphical aid
3.	1701ECS1631	ARUN.E	M.Tech(CSE-FT)	Design and Exploration of a Memristor-enabled FPGA rchitecture
4.	1701ECS1632	SANTHOSH.R	M.Tech(CSE-FT)	Security and privacy in p2p electricity trading
5.	1701ECS1633	SENTHILKUMAR.S	M.Tech(CSE-FT)	Design and implementation of digital logbook system
6.	1701ECS1634	CHAKARAVARTHIL.D	M.Tech(CSE-FT)	Computational Modelling of Child Language Learning
7.	1701ECS1635	HARIHARAN.S	M.Tech(CSE-FT)	Technology-driven Human Memory Degradation
8.	1701ECS1636	ABINAYA.S	M.Tech(CSE-FT)	Text Analytics and Blog/Forum Analysis


HOD

Head of the Department
Department of Computer Science and Engineering
M.Tech (FT)
PRIST University
Thandavur - 611401, Tamil Nadu


DEEN

Head of the Department
Department of Engineering and Technology
PRIST University
Thandavur - 611401, Tamil Nadu

**DESIGN AND IMPLEMENTATION OF ONLINE DRIVING
SCHOOL MANAGEMENT SYSTEM**

RESEARCH PROJECT

Submitted By

PRAVEEN.M

(1701ECS1629)

Under the Guidance of

Dr.S.Samundeeswari

PROFESSOR

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



PRIST
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THANJAVUR - 613 403 - TAMIL NADU

**FACULTY OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
THANJAVUR – 613403**

MAY 2019



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DEPARTMENT OF ENGLISH
M.Phil. ENGLISH
173END21 - PROJECT
2018-2019

REG NO	NAME	TITLE
1802EN1001	Priyanka .M	The Suffering Of Parsi Community In Rohination Mistry's Such A Long Journey And A Fine Balance
1802EN1002	Anbarasi .R	The Quest For Identity In Anita Desai's Cry The Peacock And Rajam Krishanan;S Lamps In The Whirlpool
1802EN1003	Vinciya .A	Emotional Relation Of Janeausten's Pride And Prejudice And Sense And Sensibility
1802EN1004	Ramkumar .M	Gloominess Of Love In Vikram Seth The Golden Gate And An Equal Music
1802EN1005	Ezhilarasi .T	The Analysis Of Homosexuality And Queer Reading In Jerry Eugnindes Middle Sex And E.M . Foresters Maurice
1802EN1006	Deepika .S	Historicism In Amitav Ghosh The Shadow Line And Calcutta Chromosome
1802EN1007	Dhanalakshmi .V	Social Realism Mulkraj Anandan's Coolie And untouchable
1802EN1008	Deepa .S	Class and economic status in Victorian texts.
1802EN1009	Arockia Daisy .J	Literary influences of Jane Austen's works.
1802EN1010	Vijayapoorani .M	Symbolism as represented by gothic texts.
1802EN1011	Keerthana .I	Relevance of classic mythology within contemporary fiction
1802EN1012	Sathyamoorthy .B	The role of magic or fantasy in children's literature.
1802EN1013	Saradha .K	The role of women in Victorian literature.
1802EN1014	Astalakshmi .A	Representation of race and ethnicity in early 20th-century literature.
1802EN1015	Vaitheswari .R	Themes of love and loss in Romantic Poetry.
1802EN1016	Neela Kalpana .N	The use of horror genres in Contemporary Fiction.
1802EN1017	Sivaranjani .T	Postcolonialism's impact on literary works.
1802EN1018	Divya .V	Representation of LGBTQ characters as represented by contemporary fiction.
1802EN1019	Sheela Rani .V	Technology's impact on modern literary works.
1802EN1020	Sagunthala .N	The role of magic and fantasy in modern literary works.
1802EN1021	Mary Annpricilla .Fj	Representation of death and loss in 20th-century work

[Signature]

HOD

Department of English
Ponnaiyah Ramajayam Institute of
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Vailam, Thanjavur - 613 403.

[Signature]

Dean

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

**The Suffering of Parsi Community in Rohination Mistry's
Such a Long Journey and a Fine Balance**

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

MASTER OF PHILOSPHY IN ENGLISH

By

Priyanka .M

(REG. No : 1802EN1001)



DEPARTMENT OF ENGLISH

**PONNAIYAH RAMAJAYAM INSTITUTION OF SCIENCE &
TECHNOLOGY**

THANJAVUR - 613 403.

May – 2019



PRIST
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THANJAVUR - 613 403 - TAMILNADU

Declaration

I M.priyanka hereby declare that the work presented in the research "The suffering of parsi community in Rohination Mistry's "Such a long Journey and A Fine balance" 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.K.Shibila, 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: 08/05/19

M. Priyanka
Signature of the Research Scholar

K. Shibila

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




Dr.K.Shibila
Professor, Head of the Department
Department Of English,
PRIST University.

Bona-fide Certificate

This is to certify that the research titled "**The suffering of parsi community in Rohination Mistry's "Such a long Journey and A Fine balance"**", submitted by "**M.priyanka**" to the **PRIST DEEMED TO BE UNIVERSITY**, Thanjavur – 613 403 for the award of the degree of Master of Philosophy by Research is a bonafide record of research work carried out by her under my supervision. The contents of this research, in full or in parts, have not been submitted to any other Institute or University for the award of any degree, associate ship, fellowship or any similar title and that it represents entirely an independent work on the part of the candidate.

Thanjavur-613 403
Date:


Signature of the Guide

**Social Realism Mulkraj Anandan's Coolie and
Untouchable**

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

MASTER OF PHILOSPHY IN ENGLISH

By

Dhanalakshmi .V

(REG. No : 1802EN1007)



DEPARTMENT OF ENGLISH

**PONNAIYAH RAMAJAYAM INSTITUTION OF SCIENCE &
TECHNOLOGY**

THANJAVUR - 613 403.

May - 2019



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

Declaration

I V.Dhanalakshmi hereby declare that the work presented in the research “Social Realism in Mulk Raj Anand’s *coolie and Untouchable*” submitted to the PRIST DEEMED TO BE UNIVERSITY, Thanjavur-613 403 for the award of the degree of Master of Philosophy by Research is an original record of research work carried out by me under the supervision of “**Dr.R.A.Rajasekaran, PROFESSOR, DEPARTMENT OF ENGLISH, PRIST UNIVERSITY**”. The contents of this research, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma, membership, fellowship, associate ship etc. In keeping with the general practice in reporting scientific observation, due acknowledgement has been made whenever the work described is based on the findings of other investigators.

Place: *Thanjavur.*
Date: *08/05/2019*

V. Dhanalakshmi.
Signature of the Research Scholar



Dr.R.A.Rajasekaran

Professor

Department Of English,


PRIST University.

Bona-fide Certificate

This is to certify that the research titled “**Social Realism in Mulk Raj Anand’s coolie and Untouchable**”, submitted by “**V.Dhanalakshmi**” to the **PRIST DEEMED TO BE UNIVERSITY**, Thanjavur – 613 403 for the award of the degree of Master of Philosophy by Research is a bonafide record of research work carried out by her under my supervision. The contents of this research, in full or in parts, have not been submitted to any other Institute or University for the award of any degree, associate ship, fellowship or any similar title and that it represents entirely an independent work on the part of the candidate.

Thanjavur-613 403

Date: 08/05/2019


Signature of the Guide

**Representation of LGBTQ characters as represented by
contemporary fiction**

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

MASTER OF PHILOSOPHY IN ENGLISH

By

Divya .V

(REG. No : 1802EN1018)



DEPARTMENT OF ENGLISH

**PONNAIYAH RAMAJAYAM INSTITUTION OF SCIENCE &
TECHNOLOGY**

THANJAVUR - 613 403.

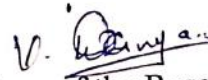
May – 2019



Declaration

I V.Divya hereby declare that the work presented in the research "Representation of LGBTQ characters as represented by contemporary Fiction" submitted to the PRIST DEEMED TO BE UNIVERSITY, Thanjavur-613 403 for the award of the degree of Master of Philosophy by Research is an original record of research work carried out by me under the supervision of "Dr.R.Iniyavan, 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: 08/05/2019.


Signature of the Research Scholar




Dr.R.Iniyavan
Associate Professor
Department of English,
PRIST University.

Bona-fide Certificate

This is to certify that the research titled “**Representation of LGBTQ characters as represented by contemporary Fiction**”, submitted by “**V.Divya**” to the **PRIST DEEMED TO BE UNIVERSITY**, Thanjavur – 613 403 for the award of the degree of Master of Philosophy by Research is a bonafide record of research work carried out by her under my supervision. The contents of this research, in full or in parts, have not been submitted to any other Institute or University for the award of any degree, associate ship, fellowship or any similar title and that it represents entirely an independent work on the part of the candidate.

Thanjavur-613 403
Date: 08/05/2019


Signature of the Guide



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THANJAVUR - 613 403 - TAMILNADU

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

2018-2019



PARTICIPATION IN BOUNDED RESEARCH

	NAME	PROGRAMM	REG.NO.	TITLE	LOCATION
1.	M.Divya	B.Sc., Mathematics	1601MA10201	Algebraic Study Of Rhatrix Semigroup	Lifeline Hospitals Private Hospital In Chennai, Tamil Nadu
2.	D.Iswarya	B.Sc., Mathematics	1601MA10202	Mathematical Models Of Control Measures In The Spread Of Cholera	Dr.Kamakshi Memorial Hospitals Hospital In Chennai, Tamil Nadu
3.	A.Nivashini	B.Sc., Mathematics	1601MA10203	Mathematical Modelling Of Energy Generation In The AP	Venkateswara Hospitals General Hospital In Chennai, Tamil Nadu
4.	P.Padmapriya	B.Sc., Mathematics	1601MA10204	Fractional Mechanical Oscillator	Arokia Annai Hospital Physiotherapy Center Chennai, Tamil Nadu
5.	S.Priyadharshini	B.Sc., Mathematics	1601MA10205	Performance Evaluation Of Two High Profile Segmentation Algorithms In Iris Recognition System	Apollo Hospital Chennai Hospital Greams Lane, 21, Greams Rd
6.	A.Akila	B.Sc., Mathematics	1601MA10206	Determination Of Students' Academic Performance Using Canonical Correlation And Factor Analyses	Hindu Mission Hospital General Hospital 103, Grand Southern Trunk Rd
7.	M.Kalpana	B.Sc., Mathematics	1601MA10207	Performance Evaluation Of Two High Profile Segmentation Algorithms In TN Recognition System	Murugan Hospitals General Hospital 264, 125, Kilpauk Garden Road
8.	M.Kalpana	B.Sc., Mathematics	1601MA10208	Design And Implementation Of A Modified Median Round Robin Algorithm (Dimmra)	Be Well Hospitals T. Nagar General Hospital

Dr. D. D. D. D.

H.O.D.

DEPARTMENT OF MATHEMATICS
PRIST DEEMED TO BE UNIVERSITY
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SS

Dean

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Valiam, Thanjavur - 613 403.

					Room No.5, Be Well Hospitals, Chennai.
9.	S.Santhi	B.Sc., Mathematics	1601MA10209	Performance Evaluation Of Two High Profile Segmentation Algorithms In TN Recognition System	Meiyur Agricultural Training Pvt Ltd Training Centre In Chennai, Tamil Nadu
10.	K.Srivaishnavi	B.Sc., Mathematics	1601MA10210	Algebraic Study Of Rhotrix Semigroup	Meiyur Agricultural Training Pvt Ltd Training Centre In Chennai, Tamil Nadu
11.	C.Nilavarasan	B.Sc., Mathematics	1601MA10101	A Study On Magnetohydrodynamic Natural And Mixed Convection Flows In Vertical Concentric Annuli Filled With Porous Material	National Agro Foundation Non-Governmental Organization In Chennai, Tamil Nadu
12.	D.Satheshkumar	B.Sc., Mathematics	1601MA10102	A Study Of Time Dependent Natural Convection Flow In A Vertical Porous Channel	Bharath College Of Agriculture 173, Agaram Main Rd., Balaji Nagar, Selaiyur, Chennai, Tamil Nadu 600073
13.	M.Sowntherrajan	B.Sc., Mathematics	1601MA10103	Scheduling Algorithm For Minimizing The Penalty Ratio Variance	Grace Agri Products 6, New Street, Rajiv Gandhi Nagar, Thathan Kuppam, Villivakkam, Chennai, Tamil Nadu 600049
14.	I.Sriram	B.Sc., Mathematics	1601MA10104	A Clustering Based Web Prefetching In High Traffic Environment	Agriculture Research Centre No 32, Main Road Balaji Nagar Part One, Ajantha Enterprises, Adhambakkam, Chennai, Tamil Nadu 600088
15.	K.Vijayavantham	B.Sc., Mathematics	1601MA10105	Weak and strong convergence of Iishikawa's iteration method for lipschitz - hemi contractive mappings	Center For Research On Sustainable Agriculture And Rural Development X6wx+W3f,

S. Sivan

H.O.D.
DEPARTMENT OF MATHEMATICS
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S. Sivan

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Ponnalyah Ramajayam Institute of
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					Tharamani, Cit Campus, Tharamani, Chennai, Tamil Nadu 600113
16.	M.Shanmugam	B.Sc., Mathematics	1601MA10106	Mathematical Model Of Predator-Prey Relationship With Human Disturbance	Sathviga Integrated Agro Farms 54, Reddy Kuppam Rd, Panneerselvam Nagar, Saidapet, Chennai, Tamil Nadu 600015
17.	K.Nithya	B.Sc., Mathematics	1601MA10211	Magnetohydrodynamic unsteady free convection flow past vertical porous plates with suction and oscillating boundaries	Grace Agri Products Garden Center In Chennai, TamilNadu
18.	V.Sindhu	B.Sc., Mathematics	1601MA10212	Evaluation Of Reliability And Availability Characteristics Of Two Different Systems Using Linear First Order Differential Equation	Tamil Nadu Agricultural University Training Centre In Chennai, Tamil Nadu
19.	S.Mathivanan	B.Sc., Mathematics	1601MA10107	The shortest path problem	National Agro Foundation Non-Governmental Organization In Chennai, Tamil Nadu
20.	I.Niwasraja	B.Sc., Mathematics	1601MA10108	Mathematical Model On Hearing Mechanism	Lifeline Hospitals Private Hospital In Chennai, Tamil Nadu
21.	S.Preethi	B.Sc., Mathematics	1601MA10213	Mathematical Model On Gonorrhoea Transmission	Dr.Kamakshi Memorial Hospitals Hospital In Chennai, Tamil Nadu
22.	B.Dhanalaximi	B.Sc., Mathematics	1601MA10214	Malaria Transmission In Sickle Cell Populace	Venkateswara Hospitals General Hospital In Chennai, Tamil Nadu
23.	M.Muneeswara n	B.Sc., Mathematics	1601MA10109	And Mixed Integer Model	Arokia Annai Hospital Physiotherapy Center Chennai, Tamil Nadu

B. Sivan

H.O.D.

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[Signature]

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Vallam, Thanjavur - 613 403.

24.

R.Selva Ajith

B.Sc., Mathematics

1601MA10110

A Study Of The Use Of
Lagrangian Multiplier's And
Karush Kuhn-Tucker's
Methods Of Solving Non
Linear Programming
Problems (Nlpp's)

Apollo Hospital
Chennai
Hospital Greams
Lane, 21, Greams
Rd



H.O.D.

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School of Arts & Science
Ponnalyah Ramajayam Institute
Science & Technology (PRIST
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Vattam, 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 : D. ISWARYA
- Register No. : 1601MA10202
- Programme & Branch : B.Sc. MATHS Batch: 2016 - Semester: II
2019

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. R. BALAKUMAR
- Designation: ~~ASSOCIATE PROFESSOR~~ Department: MATHEMATICS

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

Mathematical models of control measures in the spread of cholera

ii. Date of Allotment of the Task:

3.10.2018

iii. Due Date Proposed for Completion of Task:

7.12.2018

D. Iswarya

Signature of the Student:

Balakumar

Signature of the Faculty Advisor

D. Iswarya
H.O.D.

Date: 7.12.2018

[Signature]

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 : D. ISWARYA
- Register No. : 1601MA10202
- Programme & Branch : B.Sc. MATHS Batch: 2016_Semester: IV
2019

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. R. BALAKUMAR
- Designation: ASSOCIATE PROFESSOR Department: MATHEMATICS

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Mathematical models of Control Measures in the Spread of Cholera

ii. Date of Allotment of the Task:

3.10.2018

iii. Date of Completion of the Task:

7.12.2018

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. D. ISWARYA, a bonafide student of B.Sc. MATHEMATICS (Reg.No. 1601MA10202) who has been allotted a Research Related Task "Mathematical models of Control measures in the Spread of Cholera - Project work" has successfully completed the above mentioned task on 7.12.2018 to my satisfaction and has submitted all task completion related records to me.

Date: 7.12.2018

Dr. R. Balakumar
HOD

H.O.D.

DEPARTMENT OF MATHEMATICS
PRIST DEEMED TO BE UNIVERSITY
THANJAVUR 623 403

Balakumar
Signature of the Faculty Advisor

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 : D. ISWARYA
- Register No. : 1601MA10202
- Programme & Branch : B.Sc MATHS Batch: 2016 Semester: V
2019

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. R. BALAKUMAR
- Designation: ASSOCIATE PROFESSOR Department: MATHEMATICS

III. Details of the Task Undertaken:

i. Details of the Task:

Mathematical model of control measure in spread of Cholera

ii. Date of Allotment of the Task:

3.10.2018

iii. Date of Completion of the

7.12.2018

Task: _____

IV. Declaration of the Student

I, D. ISWARYA, a student of B.Sc. MATHS Programme (Reg.No./1601MA10202), hereby declare that I have completed the Research Related Task "Mathematical model of control measure in spread of Cholera - Project-work"

upto the satisfaction of my Advisor and have submitted all related records to him on 7.12.2018

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

Date: 7.12.2018

Balakumar

Signature of the Student

Faculty Advisor

D. Iswarya
Duan

D. Diswaran
H.O.D.

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

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

**Mathematical Models Of Control Measures In The
Spread Of Cholera**

Participation in Bounded Research

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

Degree of Bachelor of Science in Mathematics

By

D.ISWARYA

(REG NO- 1601MA10202)

DEPARTMENT OF MATHEMATICS



PRIST DEEMED TO BE UNIVERSITY

VALLAM, THANJAVUR – 613 403

D. Iswarya
H.O.D.

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

[Signature]

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

DECEMBER-2018



D.ISWARYA

PRIST UNIVERSITY,
VallamThanjavur – 613 403
Tamil Nadu,

Declaration

I do hereby declare that the work entitled “ MATHEMATICAL MODELS OF CONTROL MEASURES IN THE SPREAD OF CHOLERA ”submitted by me to the **PRIST DEEMED TO BE UNIVERSITY**, Thanjavur-613 403 for Participation of Bounded research work carried out by me under the supervision of Associate Professor R.Balakumar. 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: 7.12.2018

H.O.D.

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

Signature of Research Scholar

(D.ISWARYA)

Dean

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



D.ISWARYA
PRIST UNIVERSITY,
Vallam Thanjavur – 613 403
Tamil Nadu,

Dr. R. BALAKUMAR

Associate Professor

Bona-Fide Certificate

This is to certify that the thesis entitled “MATHEMATICAL MODELS OF CONTROL MEASURES IN THE SPREAD OF CHOLERA”, submitted by D.ISWARYA 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

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

SS
Dean
School of Arts & Science
Pennalyah Ramalayam Institute of
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Deemed to be University
Vallam, Thanjavur - 613 403.



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THANJAVUR - 613 403 - TAMILNADU

RESEARCH PROJECT
M.Sc. MATHEMATICS

2018-2019



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

RESEARCH PROJECT

NAME	PROGRAMM	REG.NO.	TITLE	LOCATION
Sivasangari K	M.Sc., Mathematics	1701MA20201	Mathematical Model On The Dynamics Of Ebola Virus Diseases In Human Population	Hindu Mission Hospital General Hospital 103, Grand Southern Trunk Rd

S. Sivasangari

H.O.D.

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

SS

Dean

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

MATHEMATICAL MODEL ON THE DYNAMICS OF EBOLA VIRUS DISEASES IN HUMAN POPULATION

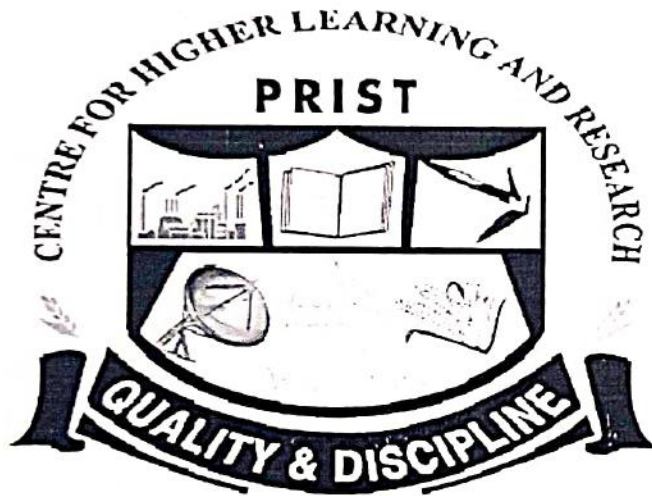
Project Submitted to Partial fulfillment of the requirements for the award of the
Degree of Master of Science in Mathematics

By

SIVASANGARI K

(REG NO- 1701MA20202)

DEPARTMENT OF MATHEMATICS



PRIST DEEMED TO BE UNIVERSITY

VALLAM, THANJAVUR – 613 403

March-2019

S. Sivasangari

H.O.D.

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

[Signature]

Dean

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



K. SIVASANGARI

PRIST UNIVERSITY,

VallamThanjavur – 613 403

Tamil Nadu,

Declaration

I do hereby declare that the work entitled “MATHEMATICAL MODEL ON THE DYNAMICS OF EBOLA VIRUS DISEASES IN HUMAN POPULATION” submitted by me to the PRIST DEEMED TO BE UNIVERSITY, Thanjavur-613 403 for Project work carried out by me under the supervision of Professor Dr. S. Subramanian. 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: 6.3.2019

Signature of Research Scholar

(K. SIVASANGARI)

Dean

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

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



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

Dr. S. SUBRAMANIAN

Professor

Bona-Fide Certificate

This is to certify that the thesis entitled "MATHEMATICAL MODEL ON THE DYNAMICS OF EBOLA VIRUS DISEASES IN HUMAN POPULATION", submitted by K. Sivasangari 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
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RESEARCH PROJECT
M.Phil. MATHEMATICS

2018-2019



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Department of Mathematics

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

RESEARCH PROJECT

	NAME	PROGRAMM	REG.NO.	TITLE	LOCATION
1.	J.Saranya	M.Phil., Mathematics	1801MA30201	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.
2.	B.Nithya	M.Phil., Mathematics	1801MA30202	Agricultural Financing And Economic Growth In Nigeria	Meiyur Agricultural Training Pvt Ltd Training Centre In Chennai, Tamil Nadu
3.	S.Geetha	M.Phil., Mathematics	1801MA30203	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
4.	M.Suganya	M.Phil., Mathematics	1801MA30204	Impact Of Agricultural Development On Nigeria Economic Growth	Sathviga Integrated Agro Farms 54, Reddy Kuppam Rd, Panneerselvam Nagar, Saidapet, Chennai, Tamil Nadu 600015
5.	S.Mahalakshmi	M.Phil., Mathematics	1801MA30205	Influence Of Topography On Soil Profile Characteristics And Fertility	Grace Agri Products Garden Center In Chennai, TamilNadu

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6.	S.Ganga	M.Phil., Mathematics	1801MA30206	Impact Of Loan Acquisition On Agriculture	Tamil Nadu Agricultural University Training Centre In Chennai, Tamil Nadu
7.	R.Prathap	M.Phil., Mathematics	1801MA30101	Extract As A Means Of Extending The Shelf- Life Of Locally Brewed Sorghum Beer	National Agro Foundation Non-Governmental Organization In Chennai, Tamil Nadu
8.	J.Rajeshkumar	M.Phil., Mathematics	1801MA30102	Mathematical Models Of Control Measures In The Spread Of fever	Lifeline Hospitals Private Hospital In Chennai, Tamil Nadu
9.	P.Vidhya	M.Phil., Mathematics	1801MA30207	Fuzzy Mathematical Analysis Of Hemodynamic Pulse Wave In Human Fluid-Structure Interaction	Dr.Kamakshi Memorial Hospitals Hospital In Chennai, Tamil Nadu
10.	M.Nivetha	M.Phil., Mathematics	1801MA30208	fuzzy Mathematical Model On The Dynamics Of Ebola Virus Diseases In Human Population	Venkateswara Hospitals General Hospital In Chennai, Tamil Nadu
11.	R.Reshma	M.Phil., Mathematics	1801MA30209	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.	R.Suresh	M.Phil., Mathematics	1801MA30103	Dengu Transmission In Sickle Cell Populace	Apollo Hospital Chennai Hospital Greams Lane, 21, Greams Rd
13.	K.Saranya	M.Phil., Mathematics	1801MA30210	Fuzzy Mathematical Model On Gonorrhoea Transmission	Hindu Mission Hospital General Hospital 103, Grand Southern Trunk Rd

S. Sivan

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14.	K.Backia Lakshmi	M.Phil., Mathematics	1801MA30211	Mathematical Model On Hearing Mechanism	Murugan Hospitals General Hospital 264, 125, Kilpauk Garden Road
15.	A.Selvam	M.Phil., Mathematics	1801MA30104	Magneto hydrodynamic Unsteady Free Convection Flow Past Vertical Porous Plates With Suction And Oscillation	Be Well Hospitals T. Nagar General Hospital Room No.5, Be Well Hospitals, Chennai.
16.	T.Manikandan	M.Phil., Mathematics	1801MA30105	Effects Of Different Processing Techniques On The Organoleptic Quality Of cow Milk	Meiyur Agricultural Training Pvt Ltd Training Centre In Chennai, Tamil Nadu
17.	M.Seenu	M.Phil., Mathematics	1801MA30106	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
18.	G.Dhanapratha	M.Phil., Mathematics	1801MA30212	Impact Of Agricultural Development On Nigeria Economic Growth	Sathviga Integrated Agro Farms 54, Reddy Kuppam Rd, Panneerselvam Nagar, Saidapet, Chennai, Tamil Nadu 600015
19.	S.Nithya	M.Phil., Mathematics	1801MA30213	Influence Of Topography On Soil Profile Characteristics And Fertility	Grace Agri Products Garden Center In Chennai, TamilNadu
20.	M.Anitha Nambikai Mary	M.Phil., Mathematics	1801MA30214	Fuzzy Mathematical Analysis Of Hemodynamic Pulse Wave In Human Fluid-Structure Interaction	Tamil Nadu Agricultural University Training Centre In Chennai, Tamil Nadu
21.	R.Elavarasi	M.Phil.,	1801MA30215	Means Of Extending	National Agro Foundation

Dr. Jigneesha

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		Mathematics		The Shelf-Life Of Locally Brewed Sorghum Beer	Non-Governmental Organization In Chennai, Tamil Nadu
22.	J.Saranya	M.Phil., Mathematics	1801MA30216	Mathematical Models Of Control Measures In The Spread Of fever	Lifeline Hospitals Private Hospital In Chennai, Tamil Nadu
23.	B.Nithya	M.Phil., Mathematics	1801MA30217	Fuzzy Mathematical Analysis Of Hemodynamic Pulse Wave In Human Fluid-Structure Interaction	Dr.Kamakshi Memorial Hospitals Hospital In Chennai, Tamil Nadu

S. S. Kumar

H.O.D.

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FUZZY MATHEMATICAL ANALYSIS OF HEMODYNAMIC PULSE WAVE IN HUMAN FLUID- STRUCTURE INTERACTION

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

By

B.NITHYA

(REG NO- 1801MA30217)

DEPARTMENT OF MATHEMATICS



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March-2019

B. Nithya

H.O.D.

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

Declaration

I do hereby declare that the work entitled “FUZZY MATHEMATICAL ANALYSIS OF HEMODYNAMIC PULSE WAVE IN HUMAN FLUID-STRUCTURE INTERACTION” 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.R. Balakumar. 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: 7.3.2019


H.O.D.

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

Signature of Research Scholar
(B.NITHYA)


Dean

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



B.NITHIYA

PRIST UNIVERSITY,
VallamThanjavur – 613 403
Tamil Nadu,

Dr. R.BALAKUMAR

Associate Professor

Bona-Fide Certificate

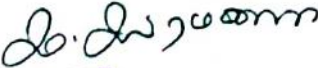
This is to certify that the thesis entitled "FUZZY MATHEMATICAL ANALYSIS OF HEMODYNAMIC PULSE WAVE IN HUMAN FLUID-STRUCTURE INTERACTION", submitted by B. Nithya to the PRIST UNIVERSITY, Thanjavur – 613 403 for Project work carried out by her under my supervision. The contents of this, in full or in parts, 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


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SCHOOL OF ARTS AND SCIENCE

DEPARTMENT OF COMPUTER SCIENCE

1.3.3 NUMBER OF STUDENTS UNDERTAKING RESEARCH PROJECTS - 2018-2019

S.NO	PROGRAM CODE	NAME	RESEARCH PROJECT TITLE
BCA			
1	15UGCOAGE	AJAY PRAVEEN A	HIDING BINARY DATA IN HTML DOCUMENT
2	15UGCOAGE	AMEENULLAH K	RESTAURANT BOOKING WEBSITE
3	15UGCOAGE	ANANDH B	HEALTHCARE FACILITY MANAGEMENT SYSTEM
4	15UGCOAGE	ARUNKUMAR M	LIBRARY STOCK CONTROL SYSTEM
5	15UGCOAGE	ASWIN K	HOTEL MANAGEMENT SYSTEM
6	15UGCOAGE	AYYAPPAN M	WEB BASED SOCIAL NETWORKING SYSTEM
7	15UGCOAGE	BHARATHIRAJA A	SOFTWARE FOR MORTGAGE BANKING
8	15UGCOAGE	DEEPAN RAJ J	A COMPUTERIZED STOCK MANAGEMENT SYSTEM
9	15UGCOAGE	DEVENTHIRAN R	BLOCKCHAIN BASED TRANSACTION AND SETTLEMENT SYSTEM
10	15UGCOAGE	DHILAK KUMAR T	CHATBOT ASSISTANT SYSTEM USING PYTHON
11	15UGCOAGE	GOPINATH R	ONLINE BOOK CLUB MANAGEMENT SYSTEM
12	15UGCOAGE	ILAKIA SELVAN S	ETHICAL ISSUES IN COMPUTER AS AN INSTRUMENT TO TECHNOLOGY GROWTH
13	15UGCOAGE	JANDIL A	TRAIN FOOD ORDERING APP
14	15UGCOAGE	KARTHIK T	STAY SAFE SECURITY APP WITH

			SCREAM ALERT
15	15UGCOAGE	KEERTHIVASAN M	MARKET INFORMATION SYSTEM
16	15UGCOAGE	KIRUBHASHANKER G	BUSINESS RECORDS KEEPING SYSTEM
17	15UGCOAGE	MANIKANDAN C	AN ONLINE VECHICLE REGISTRATION
18	15UGCOAGE	MANIKANDAN S	WEB BASED RECRUITMENT PORTAL
19	15UGCOAGE	MOHAMED THALIB N	INTEGRATED TOURISM MULTIMEDIA SYSTEM
20	15UGCOAGE	NANDHAKUMAR S	A STAFF ATTENDANCE SYSTEM USING FINGERPRINT BIOMETRIC
21	15UGCOAGE	NATARAJAN S	A DIGITAL CASH TRANSACTION SYSTEM
22	15UGCOAGE	NIYONSABA GRADIS	AMBULANCE DISPTACH SYSTEM
23	15UGCOAGE	PASUPATHI NATHAN N	AN ONLINE INTERACTIVE BANKING
24	15UGCOAGE	RAMANAN A	ORGANIC FOOD TRACEABILITY SYSTEM USING BLOCKCHAIN
25	15UGCOAGE	RANJITHRAJA R	ANDROID VOTING SYSTEM USING FACE RECOGNITION
26	15UGCOAGE	SANTHOSH K	VOICE BASED EMAIL SYSTEM FOR VISUALLY IMPAIRED
27	15UGCOAGE	SATHEESH KUMAR N	PUBLIC NEWS DROID
28	15UGCOAGE	SIVARAMAKRISHNAN S	FLUTTER BASED BLOOD DONATION APP
29	15UGCOAGE	SREEJITH KALIYAMOORTHY.M	THE DESIGN AND CONSTRUCTION AND TEST ON A TWO STATION SIMPLE INTERCON SYSTEM
30	15UGCOAGE	SUDHAKAR.B	A SOFTWARE BASED LUGAGE BILLING SYSTEM FOR AN AIR LINE
31	15UGCOAGE	SURYA.S	A GROUP CHAT APPLICATION IN JAVA
32	15UGCOAGE	VENKATESH.C	JUNK FILE ORGANIZER IN PYTHON

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33	15UGCOAGE	ABINAYA R	CIBERSECURITY POLICY FRAMEWORK
34	15UGCOAGE	ABIRAMI V	SECURE QUANTUM NETWORKS
35	15UGCOAGE	BHARATHI P	SECURE MESSAGING APPLICATION
36	15UGCOAGE	HARANI S A	MONEY MANAGEMENT APP FOR EXPENSE PLANNING FLUTTER
37	15UGCOAGE	KALPANA A	PERIODIC BELL &TIMETABLE REMINDER APP
38	15UGCOAGE	KAVI NILA R	SKIN DISEASE DETECTION SYSTEM USING CNN
39	15UGCOAGE	PRADEEPA B	HOTEL MANAGEMENT SYSTEM
40	15UGCOAGE	PREETHA B	A COMPUTERIZED ONLINE MONETARY TRANSACTION SYSTEM
41	15UGCOAGE	SANGEETHA D	A DYNAMIC TEACHER STUDENT INTERACTIVE SYSTEM
42	15UGCOAGE	SARANYA L	THE DESIGN AND CONSTRUCTION AND TEST ON A TWO STATION SIMPLE INTERCON SYSTEM
43	15UGCOAGE	SIVAPRIYA P	ONLINE HOSPITAL LOCATION SYSTEM USING GOOGLE MAPS
44	15UGCOAGE	SUSISTRA S	FLUTTER BASED BLOOD DONATION APP
45	15UGCOAGE	SWETHA R	A SOFTWARE BASED LUGAGE BILLING SYSTEM FOR AN AIR LINE
46	15UGCOAGE	THARANI B	ANDROID PHONE HARDWARE TESTER APP
47	15UGCOAGE	VARSHINI C	ONLINE HOSPITAL LOCATION SYSTEM USING GOOGLE MAPS
48	15UGCOAGE	VIJAYA SHANTHI R	A PASSWORD BASED CIRCUIT BREAKER
49	15UGCOAGE	VIKRANI N	SCHOOL SECURITY SYSTEM USING RFID
50	15UGCOAGE	VISALATCHI G	ETHICAL ISSUES IN COMPUTER AS AN INSTRUMENT TO TECHNOLOGY GROWTH

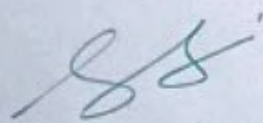
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Thanjavar - 613 003, Tamilnadu.

B.Sc(CS)			
1	15UGCSGE	AJAIVARADHAN U.C 15UGCSGE	A SOFTWARE BASED LAUGAGE BILLING SYSTEM FOR AN AIR LINE
2	15UGCSGE	AKASH C.M	VOICE BASED EMAIL SYSTEM FOR VISUALLY IMPAIRED
3	15UGCSGE	AMALAPREETHI.V	ETHICAL ISSUES IN COMPUTER AS AN INSTRUMENT TO TECHNOLOGY GROWTH
4	15UGCSGE	BALAJI.R	MARKET INFORMATION SYSTEM
5	15UGCSGE	DAYALAN.T	AUTOMATED PASSENGER LOADING SYSTEM
6	15UGCSGE	DEEPAN RAJ K	A CREDIT CARD FRAUD DETECTION SYSTEM
	15UGCSGE	DEEPAK.R	A DYNAMIC TEACHER STUDENT INTERACTIVE SYSTEM
7	15UGCSGE	DHILAK KUMAR J	A WEB BASED STUDENT ACADEMIC ADVISING SYSTEM
8	15UGCSGE	ELAMBARUTHI.V	ONLINE HOSPITAL LOCATION SYSTEM USING GOOGLE MAPS
9	15UGCSGE	GOPALA KRISHNAN R	A PASSWORD BASED CIRCUIT BREAKER
10	15UGCSGE	GUNASEELAN.S	DESIGN AND IMPLEMENTATION OF AN ONLINE MARKETING INFORMATION MANAGEMENT SYSTEM
11	15UGCSGE	HARI.R	ONLINE BOOKSHOP
12	15UGCSGE	HARIHARAN S	ONLINE BOOK CLUB MANAGEMENT SYSTEM
13	15UGCSGE	KARTHIKEYAN.P	THE DESIGN AND CONSTRUCTION AND TEST ON A TWO STATION SIMPLE INTERCON SYSTEM
14	15UGCSGE	MEENATCHI SUNDARAM.P	STATE CIVIL SERVICE PAYROLL ACCOUNTING SYSTEM
15	15UGCSGE	MOHAMED AARIF J	COMPUTERIZED MEDICAL DUTIES SCHEDULING SYSTEM
16	15UGCSGE	MOHAMED NIZARUDEEN.S	A COMPUTERIZED ONLINE MONETARY TRANSACTION SYSTEM
17	15UGCSGE	MOHAMED RASITH M	COMPUTER AIDED CHARTING AND GRAPHICS SYSTEM FOR STATISTICAL

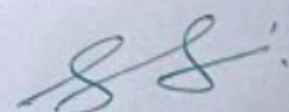
			PRESENTATION
18	15UGCSGE	MOHAMED RIZVAN M	ONLINE AUCTION SYSTEM
19	15UGCSGE	MUTHU SELVAN A	SYMBOL RECOGNITION
20	15UGCSGE	NAVEEN KUMAR K	PUBLIC NEWS DROID
21	15UGCSGE	PALANIAPPAN.A	STAFF SCHEDULING ANDROID APPLICATION
22	15UGCSGE	PANDIYAN.G	ONLINE VOTING SYSTEM
23	15UGCSGE	RAGUVARAN.S	FLUTTER BASED BLOOD DONATION APP
24	15UGCSGE	RAJASEKAR.A	ORGANIC FOOD TRACEABILITY SYSTEM USING BLOCKCHAIN
25	15UGCSGE	RAMESH.R	SCHOOL SECURITY SYSTEM USING RFID
26	15UGCSGE	VIJAYA SHANKER R	ANDROID BASED IMAGE STENOGRAPHY
27	15UGCSGE	VIVEKANANDAN R	ANDROID VOTING SYSTEM USING FACE RECOGNITION
28	15UGCSGE	AGATHIYA M	SKIN DISEASE DETECTION SYSTEM USING CNN
29	15UGCSGE	ARCHANA K	LIBRARY MANAGEMENT SYSTEM USING PYTHON
30	15UGCSGE	BAKYALAKSHMI.C	AUTOMATED COLLEGE TIMETABLE GENERATOR
31	15UGCSGE	HARINE S.V	AMBULANCE BOOKING SYSTEM USING PYTHON
32	15UGCSGE	ISWARYA.S	CHATBOT ASSISTANT SYSTEM USING PYTHON
33	15UGCSGE	KAMATCHI R	CHILD VACCINATION MANAGEMENT SYSTEM USING DATASTRUCTURE
34	15UGCSGE	KAVYA K	ANDROID JOB PORTAL SYSTEM APP
35	15UGCSGE	LAWANYA R	STAY SAFE SECURITY APP WITH SCREAM ALERT
36	15UGCSGE	MAHA LAKSHMI M	ANDROID INVESTMENT TRACKER APP
37	15UGCSGE	MARY RISHI VARTHINI J.S	BLOCKCHAIN BASED TRANSACTION AND SETTLEMENT SYSTEM
38	15UGCSGE	NANDHINI.S	PERIODIC BELL &TIMETABLE

			REMINDER APP
39	15UGCSGE	PAVITHRA S	TRAIN FOOD ORDERING APP
40	15UGCSGE	PRADEPTHA L	VECHICLE MAINTANENCE AND MILEAGE TRACKER APP
41	15UGCSGE	PRIYANKA K	MONEY MANAGEMENT APP FOR EXPENSE PLANNING FLUTTER
42	15UGCSGE	RAJA LAKSHMI R	PREDICTING HOUSE PRICE USING DECISION TREE
43	15UGCSGE	RANJITHA.R	SECURE FILE ACCESS SYSTEM ANDROID APP
44	15UGCSGE	REVATHI.S	TEXT TRANSLATION APP USING GOOGLE API
45	15UGCSGE	SINDHUJA .B	ANDROID PHONE HARDWARE TESTER APP
46	15UGCSGE	SUBA PRIYA G	INTRUSION DETECTION SYSTEM
47	15UGCSGE	SUGANYA.D	BLOCKCHAIN BASED NETWORK SECURITY
48	15UGCSGE	SUSHMITHA ANGEL A	ZERO TRUST NETWORK IMPLEMENTATION
49	15UGCSGE	TAMIL ELAKKIYA .R	AUCTION SIMULATOR USING AGENTS
50	15UGCSGE	VAISHALI H	DETECTING AND BLOCKING SKYPE
51	15UGCSGE	VAISHNAVI R	EMAIL SERVER USING MULTITHREADED SOCKETS JAVA
52	15UGCSGE	YOHA LAKSHI C	FEEDBACK BASED SELF CONFIGURING SYSTEM
53	15UGCSGE	AJAIVARADHAN U.C	A SOFTWARE BASED LAUGAGE BILLING SYSTEM FOR AN AIR LINE



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Thanjavar - 613 403, Tamil Nadu

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

Bachelor Of Computer Application

By

AJAY PRAVEEN A
Reg.No:161610601

Under the Guidance of
DR.K.SARAVANAN M.Sc.,M.Phil.,M.S.,M.Tech.,Ph.D.,
Professor
Department Of Computer Science



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Declaration

I, Ajay Praveen A, hereby declare that the work presented in the Dissertation “HIDING BINARY DATA IN HTML DOCUMENT” 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.K.SARAVANAN M.Sc.,M.Phil.,M.S.,M.Tech.,Ph.D., Head of the Department, Department of Computer Science, Ponnaiyah Ramajayam Institute of Science and Technology, [PRIST] DEEMED TO BE UNIVERSITY Thanjavur”. The Contents of this dissertation, jn 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: 31/1/2019


Signature of the research scholar



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Guide Name : DR.K.SARAVANAN M.Sc.,M.Phil.,M.S.,M.Tech.,Ph.D.,
Designation : Professor
Affiliation : Department of Computer Science, PRIST University.

Bona-fide Certificate

This is to certify that the Dissertation titled “**HIDING BINARY DATA IN HTML DOCUMENT**” 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.

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Date: 3/1/19

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 2018-2019
1.3.3 RESEARCH PROJECT
DEPARTMENT OF COMMERCE

M.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	M.COM	1702CM2001	G.ILLAKIYAMARY	Research Project H PROJECT	A STUDY ON THE IMPACT OF E-COMMERCE SMALL SIZE COMPANIES IS CITY
2	M.COM	1702CM2002	J.VAZHVARASI	Research Project	A STUDY ON ONLINE AND OFFLINE SHOPPING IN THANJAVUR DISTRICT

<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	1702CM2001	G.ILLAKIYAMARY	Research Project H PROJECT	A STUDY ON BRAND LOYALTY OF CUSTOMERS TOWARDS SMARTPHONES IN THANJAVUR C

2	M.COM	1702CM2002	J.VAZHVARASI	Research Project	A STUDY ON CONSUMER SATISFACTION TOWARDS ONLINE SHOPPING IN THANJAVUR CITY
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M.PHIL

<u>SL.NO.</u>	<u>PROGRAM NAME</u>	<u>REG.NO</u>	<u>STUDENT NAME</u>	<u>INTERSHIP/FIELD PROJECT/RESEARCH PROJECT</u>	<u>TITEL OF THE PROJECT</u>
1	M.PHIL	1802CM3001	DEEPIKA .R	Research Project	A STUDY ON CUSTOMER RELATIONSHIP MANAGEMENT BETWEEN BANK OF INDIA AND SOUTH INDIAN BANK
2	M.PHIL	1802CM3002	AKILA .S	Research Project	A STUDY ON HOME LOAN IN ICICI BANK THANJAVUR CITY
3	M.PHIL	1802CM3003	RAJALAKSHMI .C	Research Project	A STUDY ON THE IMPACT OF E-COMMERCE SMALL SIZE COMPANIES IS THANJAVUR CITY
4	M.PHIL	1802CM3004	SURYA .K	Research Project	A STUDY ON CUSTOMER SATISFACTION TOWARDS YAMAHA BIKES IN THIRUCHI DIST



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



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



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

*A Project Report Submitted
By*

**G.ILLAKIYAMARY
REG. NO. 1702CM2001**

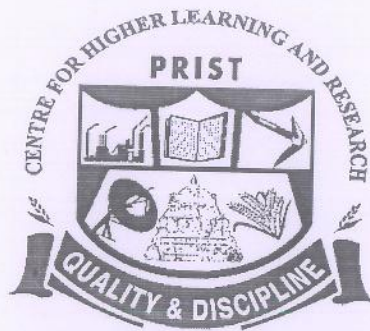
**MASTER OF COMMERCE
III SEMESTER**

COURSE CODE: 17261SRC36

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 - 2018




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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 **G. ILLAKIYAMARY (Reg. No. 1702CM2001)** 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 **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


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Department of Commerce
Ponnaiyah Ramajayam Institute of
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Thanjavur - 613 403

Head of the Department


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**A STUDY ON CONSUMER SATISFACTION TOWARDS ONLINE SHOPPING IN
THANJAVUR CITY**

*A Project Report Submitted
By*

**J. VAZHVARASI
REG. NO. 1702CM2002**

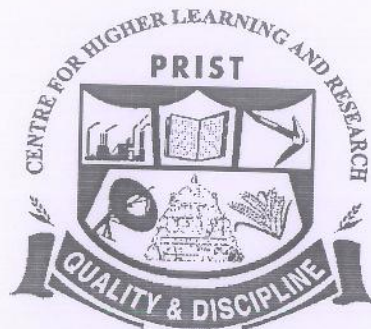
**MASTER OF COMMERCE
III SEMESTER**

COURSE CODE: 17261SRC36

Under the Guidance of

K. SATHYA., M.Com., M.Phil.,

**PG & RESEARCH DEPARTMENT OF COMMERCE
PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY (PRIST)
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**A STUDY ON THE IMPACT OF E-COMMERCE SMALL SIZE COMPANIES IS
THANJAVUR CITY**

*A Project Report Submitted
By*

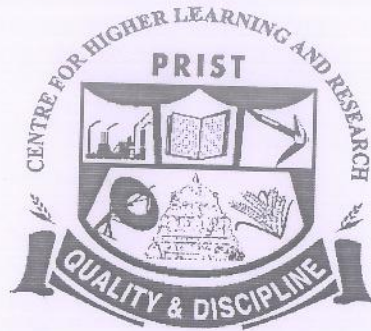
**G.ILLAKIYAMARY
REG. NO. 1702CM2001**

**MASTER OF COMMERCE
IV SEMESTER
COURSE CODE: 17261PRW45**

Under the Guidance of

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

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A STUDY ON ONLINE AND OFFLINE SHOPPING IN THANJAVUR DISTRICT

*A Project Report Submitted
By*

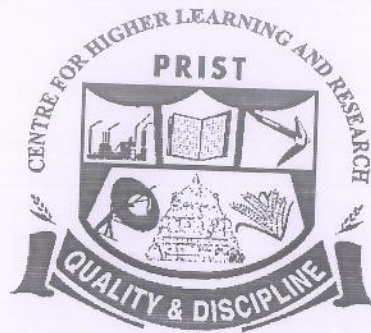
**J. VAZHVARASI
REG. NO. 1702CM2002**

**MASTER OF COMMERCE
IV SEMESTER
COURSE CODE: 17261PRW45**

Under the Guidance of

K. SATHYA., M.Com., M.Phil.,

**PG & RESEARCH DEPARTMENT OF COMMERCE
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**1.3.3 NUMBER OF STUDENTS UNDERTAKING FIELD PROJECTS / RESEARCH PROJECTS /
INTERNSHIPS DURING THE YEAR
ACADEMIC YEAR 2018-2019
1.3.3 RESEARCH PROJECT
DEPARTMENT OF MANAGEMENT**

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	1701BM2032	NIJIMBERE WILLY	RESEARCH PROJECT	A STUDY ON ROLE OF BLOCKCHAIN IN ENHANCING SUPPLY CHAIN TRANSPARENC
2	M.B.A	1701BM2010	NOORISH NIHAR .M	RESEARCH PROJECT	A STUDY ON MOBILE BANKING ADOPTION: FACTORS AFFECTING CUSTOMER BEHAVIOR IN THANJAVUR
3	M.B.A	1701BM2031	PRABHAKAR. R. S	RESEARCH PROJECT	A STUDY ON STRATEGIES FOR MINIMIZING FOOD WASTE IN THE HOSPITALITY INDUSTRI
4	M.B.A	1701BM2020	PRIYANKA .S	RESEARCH PROJECT	A STUDY ON IMPACT OF EMPLOYEE WELL-BEING ON ORGANIZATIONAL PRODUCTIVIT
5	M.B.A	1701BM2041	RATHINA KUMAR .M	RESEARCH PROJECT	A STUDY ON ROLE OF DATA ETHICS IN BIG DATA ANALYTICS
6	M.B.A	1701BM2025	REVANTH. C	RESEARCH PROJECT	A STUDY ON STRATEGIES FOR BALANCING ECONOMIC GROWTH AND ENVIRONMENTAL CONSERVATION IN THANJAVUR
7	M.B.A	1701BM2033	SHANMUGANATHAN. R	RESEARCH PROJECT	A STUDY ON ROLE OF CORPORATE INNOVATION IN NAVIGATING TECHNOLOGI DISRUPTIONS

8	M.B.A	1701BM2013	SIRAJUDEEN .A	RESEARCH PROJECT	A STUDY ON EVALUATING THE EFFECTIVY OF ONLINE LEARNING PLATFORMS IN BUSINESS EDUCATION
9	M.B.A	1701BM2006	SIVASHANKARI .M	RESEARCH PROJECT	A STUDY ON ROLE OF INTELLECTUAL PROPERTY RIGHTS IN FOSTERING INNOVA
10	M.B.A	1701BM2022	SUNDAR. M	RESEARCH PROJECT	A STUDY ON IMPACT OF CLIMATE CHANG BUSINESS OPERATIONS AND RISK MANAGEMENT
11	M.B.A	1701BM2038	SURYA. S	RESEARCH PROJECT	A STUDY ON STRATEGIES FOR ENHANCIN CUSTOMER TRUST IN E-COMMERCE TRANSACTIONS
12	M.B.A	1701BM2007	UMAMAHESHWARI .M	RESEARCH PROJECT	A STUDY ON ROLE OF BLOCKCHAIN IN ENHANCING SUPPLY CHAIN TRANSPARENC
13	M.B.A	1701BM2003	VARSHA .R	RESEARCH PROJECT	A STUDY ON IMPACT OF INFLUENCER MARKETING ON FASHION AND BEAUTY BRANDS IN THANJAVUR
14	M.B.A	1701BM2018	VASU DEVA KRISHNAN .A	RESEARCH PROJECT	A STUDY ON ASSESSING THE EFFECTIVENE OF CORPORATE TRAINING PROGRAMS ON EMPLOYEE PERFORMANCE IN THANJAVUR
15	M.B.A	1701BM2001	VIJAY PRITHYUMANAN .K	RESEARCH PROJECT	A STUDY ON IMPACT OF INFLUENCER MARKETING ON FASHION AND BEAUTY BRANDS IN THANJAVUR
16	M.B.A	1701BM2021	VIJAY . K	RESEARCH PROJECT	A STUDY ON ASSESSING THE EFFECTIVENE; OF CORPORATE TRAINING PROGRAMS ON EMPLOYEE PERFORMANCE IN THANJAVUR

<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.PHIL	1701BM3001	NANDHAKUMAR T	RESEARCH PROJECT	A STUDY ON THE IMPACT OF E-COMMERC SMALL SIZE COMPANIES IS KUMBAKONAM
2	M.PHIL	1701BM3002	VARADHALINGAMP	RESEARCH PROJECT	A STUDY ON CONSUMER PREFERENCE AN AWARENESS TOWARDS WRIST WATCHES SPECIAL REFERENCE IN THANJAVUR CITY
3	M.PHIL	1701BM3003	HARIKRISHNAN E	RESEARCH PROJECT	A STUDY ON MARKETING STRATEGIES OF MARUTI SUZUKI CARS WITH SPECIAL REFERENCE TO THANJAVUR COTY
4	M.PHIL	1701BM3004	ELANGO G	RESEARCH PROJECT	A STUDY ON CUSTOMER SATISFACTION TOWARDS SPRITE COOL DRINKS IN SPECIA REFERENCE TO THANJAVUR DISTRICT
5	M.PHIL	1701BM3005	TAMILARASAN U	RESEARCH PROJECT	A STUDY ON BEHAVIORAL FINANCE: UNDERSTANDING INVESTOR DECISION-MAKING IN THANJAVUR
6	M.PHIL	1701BM3006	UDHAYAKUMAR P	RESEARCH PROJECT	A STUDY ON EFFECTIVENESS OF CORPORA SOCIAL RESPONSIBILITY INITIATIVES IN KUMBAKONAM
7	M.PHIL	1701BM3007	KESAVAN A	RESEARCH PROJECT	A STUDY ON DIGITAL TRANSFORMATION STRATEGIES FOR SMALL AND MEDIUM ENTERPRISES IN KUMBAKONAM
8	M.PHIL	1701BM3008	KAVITHA C	RESEARCH PROJECT	A STUDY ON CONSUMER SATISFACTION TOWARD ONLINE SHOPPING IN THANJAVUR CITY
9	M.PHIL	1701BM3009	MARIYAMMAL G	RESEARCH PROJECT	A STUDY ON CONSUMER SATISFACTION TOWARD ONLINE BANKING IN THANJAVUR CITY
10	M.PHIL	1701BM3010	MANIMEHALAI A	RESEARCH PROJECT	A STUDY ON CONSUMER SATISFACTION TOWARD ONLINE ADVERTISING IN THANJA CITY



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**A STUDY ON IMPACT OF INFLUENCER MARKETING ON FASHION AND
BEAUTY BRANDS IN THANJAVUR**

*A Project Report Submitted
By*

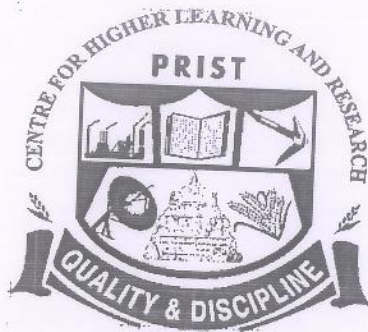
**K. VIJAY PRITHYUMANAN
REG. NO. 1701BM2001**

**MASTER OF BUSINESS ADMINISTRATION
II SEMESTER
COURSE CODE: 17360PRW22**

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)
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Dr. K. RAJALAKSHMI., M.B.A., M.Phil., Ph.D.,
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Declared as DEEMED-TO-BE-UNIVERSITY,
THANJAVUR-613 403.

BONAFIDE CERTIFICATE

This is to certify that **K. VIJAY PRITHYUMANAN** (Reg. No. 1701BM2001) and the project title of "**A STUDY ON IMPACT OF INFLUENCER MARKETING ON FASHION AND BEAUTY BRANDS 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 **MASTER 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

R. Rajalakshmi

Head of the Department

[Signature]

HEAD
DEPARTMENT OF COMMERCE
PRIST UNIVERSITY
THANJAVUR - 613 403.

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HOD
Department of Commerce
Ponnaiyah Ramajayam Institute of
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THANJAVUR - 613 403.

External Examiner



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

*A Project Report Submitted
By*

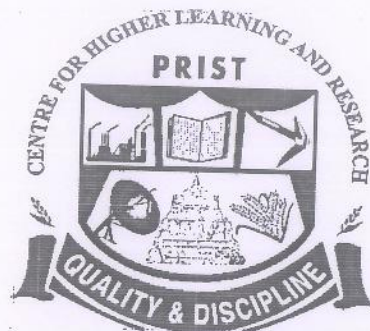
**NOORISH NIHAR .M
REG. NO. 1701BM2010**

**MASTER OF BUSINESS ADMINISTRATION VI
SEMESTER-IV
COURSE CODE :17261PRW44**

Under the Guidance of

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

**PG & RESEARCH DEPARTMENT OF MANAGEMENT
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Dr. T. J. JAYASHOLAN., M.B.A., M.Phil., Ph.D.,
HEAD & DEAN,
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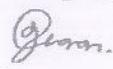
BONAFIDE CERTIFICATE

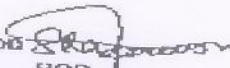
This is to certify that NOORISH NIHAR .M (Reg. No. 1701BM2010) and the project title of "A STUDY ON MOBILE BANKING ADOPTION: FACTORS AFFECTING CUSTOMER BEHAVIOR IN THANJAVUR" submitted to the PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY (PRIST), Declared as DEEMED-TO-BE-UNIVERSITY, Thanjavur-613 403, for the award of the degree of MASTER 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

Head of the Department


DEAN


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A STUDY ON FINANCIAL STATEMENT ANALYSIS OF SONY CORPORATION

*A Project Report Submitted
By*

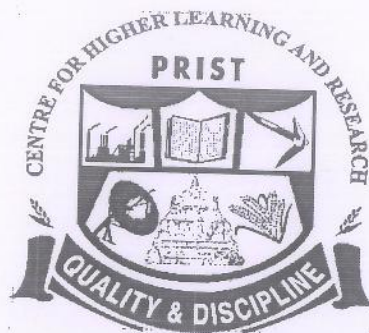
**KAVINAYA. N
REG. NO. 1701BM2016**

**MASTER OF BUSINESS ADMINISTRATION
SEMESTER-IV
COURSE CODE :17261PRW44**

Under the Guidance of

Dr. K. G. SELVAN., M.B.A., M.Phil., Ph.D.,

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This is to certify that KAVINAYA .N (Reg. No. 1701BM2016) and the project title of "A STUDY ON FINANCIAL STATEMENT ANALYSIS OF SONY CORPORATION" 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.

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Dr.k.g.selvan

Head of the Department

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**A STUDY ON MARKETING STRATEGIES OF MARUTI SUZUKI CARS WITH
SPECIAL REFERENCE TO THANJAVUR CITY**

A Project Report Submitted

By

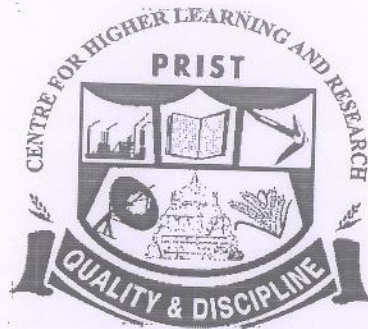
**HARIKRISHNAN E
REG. NO. 1701BM3003**

**MASTER OF PHILOSOPHY
II SEMESTER
COURSE CODE: 17360PRW22**

Under the Guidance of

Dr. K. RAJALAKSHMI., M.Com., M.Phil., Ph.D.,

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Signature of the Guide/Internal Examiner

R. Rajalakshmi

Head of the Department

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THANJAVUR - 613 403.

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

External Examiner



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THANJAVUR - 613 403 - TAMIL NADU

A STUDY ON THE IMPACT OF E-COMMERCE SMALL SIZE COMPANIES IN KUMBAKONAM

A Project Report Submitted

By

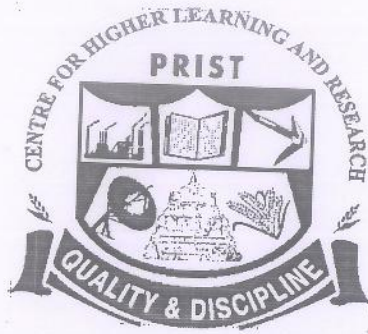
NANDHAKUMAR T
REG. NO. 1701BM3001

MASTER OF PHILOSOPHY
II SEMESTER
COURSE CODE: 17360PRW22

Under the Guidance of

Dr. K. G. SELVAN., 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-2019



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THANJAVUR - 613 403 - TAMIL NADU

Dr. K. G. SELVAN., 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 **NANDHAKUMAR T (Reg. No. 1701BM3001)** and the project title of "A STUDY ON THE IMPACT OF E-COMMERCE SMALL SIZE COMPANIES IS 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 **MASTER OF PHILOSOPHY** by the candidate is a bonafide record of research work carried out by him under my supervision. The contents of this Project Report, in full or in parts, have not been submitted to any other Institute or University for the award of any degree, diploma, associate ship, fellowship or any similar title and that it represents entirely an independent work on the part of the candidate.

Signature of the Guide/Internal Examiner

Dr.k.g.selvan

Head of the Department

[Signature]

HEAD
DEPARTMENT OF COMMERCE
PRIST UNIVERSITY
THANJAVUR - 613 403.

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

External Examiner



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SCHOOL OF ARTS AND SCIENCE

DEPARTMENT OF PHYSICS
2018-2019

1.3.4 NUMBER OF STUDENTS UNDERTAKING RESEARCH PROJECTS

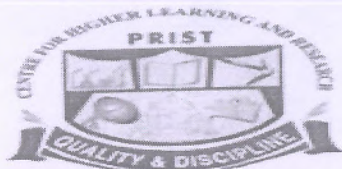
S.NO	NAME	REG.NO	RESEARCH PROJECT
1.	M A SUBASHINI	1701PH10201	Applications Of DI_poly And DI_multi To Organic Molecular Crystals
2.	B PRADHEEPA	1701PH10202	A two-site fluorescent probe for Cys/Hcy and SO2 detection and its application in cells and zebrafish

M. Suresh

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

Dr. Jay

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



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THANJAVUR - 613 403 - TAMIL NADU

**APPLICATIONS OF DL_POLY AND DL_MULTI TO ORGANIC MOLECULAR
CRYSTALS**

A PROJECT REPORT SUBMITTED BY

M A SUBASHINI

REG. NO. 1701PH10201

MASTER OF SCIENCE

IV SEMESTER

UNDER THE GUIDANCE OF

DR. C. THENMOZHI.,

DEPARTMENT OF PHYSICS

PRIST DEEMED TO BE UNIVERSITY THANJAVUR 613 403.



PRIST
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THANJAVUR - 613 403 - TAMIL NADU

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

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

BONAFIDE CERTIFICATE

This is to certify that **M A SUBASHINI** (Reg. No. **1701PH10201**) and the project title of **“APPLICATIONS OF DL_POLY AND DL_MULTI TO ORGANIC MOLECULAR CRYSTALS”** submitted to the PRIST DEEMED TO BE UNIVERSITY, Thanjavur-613 403, for the award of the degree of Master of Science by the candidate is a bonafide record of research work carried out by her under my supervision. The contents of this Project Report, in full or in parts, have not been submitted to any other Institute or University for the award of any degree, diploma, associate ship, fellowship or any similar title and that it represents entirely an independent work on the part of the candidate.

Signature of the Guide/Internal Examiner

Head of the Department

Signature of External Examiner

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



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A TWO-SITE FLUORESCENT PROBE FOR CYS/HCY AND SO₂ DETECTION AND ITS

APPLICATION IN CELLS AND ZEBRAFISH

A PROJECT REPORT SUBMITTED

BY

B PRADHEEPA

REG. NO. 1701PH10202

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 **B PRADHEEPA** (Reg. No. **1701PH10202**) and the project title of “**A TWO-SITE FLUORESCENT PROBE FOR CYS/HCY AND SO₂ DETECTION AND ITS APPLICATION IN CELLS AND ZEBRAFISH**” 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, Dept. of Physics,
PRIST Deemed to be University,
Vallam, Thanjavur-613403.
Tamilnadu, India.

Signature of External Examiner



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UNIVERSITY
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THANJAVUR - 613 403 - TAMILNADU
SCHOOL OF ARTS AND SCIENCE

DEPARTMENT OF PHYSICS
2018-2019

1.3.4 NUMBER OF STUDENTS UNDERTAKING RESEARCH PROJECTS

S.NO	NAME	REG.NO	RESEARCH PROJECT
1.	VEERAMANI S	1801MPH10101	Spectroscopic Investigation of the Effect of Microstructure and Energetic Offset on the Nature of Interfacial Charge Transfer States in Polymer: Fullerene Blends
2.	DINESH S	1801MPH10102	Structural, optical, and biological properties of L-alanine single crystal by slow evaporation method
3.	YAMUNA PRABHA M	1801MPH10103	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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**GROWTH AND CHARACTERIZATION OF PURE AND DOPED I-AIALINE SINGLE
CRYSTALS**

A PROJECT REPORT SUBMITTED BY

YAMUNA PRABHA M

REG. NO. 1801MPH10203

MASTER OF PHILOSOPHY

II SEMESTER

UNDER THE GUIDANCE OF

DR. M. SIVANANTHAM.,

DEPARTMENT OF PHYSICS

PRIST DEEMED TO BE UNIVERSITY THANJAVUR 613 403.



PRIST
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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 **YAMUNA PRABHA M** (Reg. No. **1801MPH10203**) and the project title of **"GROWTH AND CHARACTERIZATION OF PURE AND DOPED I-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 Physics,
PRIST Deemed to be University,
Vallam, Thanjavur-613403.
Tamilnadu, India.



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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

VEERAMANI S

REG. NO. 1801MPH10201

MASTER OF PHILOSOPHY

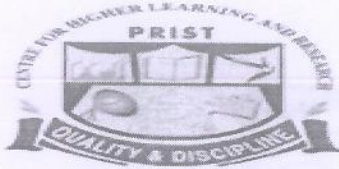
II SEMESTER

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 **VEERAMANI S** (Reg. No. 1801MPH10201) 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

Signature of External Examiner

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



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DEPARTMENT OF BIOTECHNOLOGY

1.3.3. PARTICIPATION BOUNDED RESEARCH

ACADEMIC YEAR - 2018-2019

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

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


1.3.3. PARTICIPATION BOUNDED RESEARCH 2018-2019

S. NO.	PROGRAM NAME	REG. NO.	NAME	INTERNSHIP /FIELD PROJECT/ RESEARCH PROJECT	PROJECT TITLE
1.	B. Sc Biotechnology	2216102002	ARUN.A	Participation Bounded Research	EFFECT OF DYSMENORRHEA ON THE ACADEMIC ACHIEVEMENT OF SECONDARY SCHOOL BIOLOGY STUDENTS
2.	B. Sc Biotechnology	2216102005	THARANID	Participation Bounded Research	INFLUENCE OF SCHOOL ENVIRONMENT ON ACADEMIC PERFORMANCE OF BIOLOGY STUDENTS
3.	B. Sc Biotechnology	2216102006	M. ABINAYA	Participation Bounded Research	ANTINUTRITIONAL COMPOSITION OF SECURIDACA LONGEPEDUNCULATA (VIOLET TREE)
4.	B. Sc Biotechnology	2216102007	R.KANNIYAMMA	Participation Bounded Research	THE EFFECT OF COMMUNICABLE DISEASES AMONG CHILDREN
5.	B. Sc Biotechnology	2216102008	G.KARTHIKA	Participation Bounded Research	PREVALENCE OF URINARY TRACT PARASITES IN PATIENTS
6.	B. Sc Biotechnology	2216102009	E. KAVINESAKI	Participation Bounded Research	PREVALENCE OF TRICHOMONIASIS AMONG PREGNANT WOMEN
7.	B. Sc Biotechnology	2216102010	G.MEENA	Participation Bounded Research	ANTIBACTERIAL ACTIVITY OF THREE TYPES OF MEDICATED SOAPS ON <i>Staphylococcus aureus</i> FROM WOUND INFECTIONS
8.	B. Sc Biotechnology	2216102011	P. NITHYA	Participation Bounded Research	PRODUCTION OF ANTISEPTIC
9.	B. Sc Biotechnology	2216102012	M. RAMYA	Participation Bounded Research	PRODUCTION AND CHARACTERIZATION OF ACTIVATED CARBON FROM SUGARCANE BAGASSE BY THERMAL METHOD


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


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

10.	B. Sc Biotechnology	2216102013	M.SATHYAVATHI	Participation Bounded Research	ANALYSIS OF FACTORS INFLUENCING MATERIAL WASTAGE ON BUILDING SITE IN TRICHY
11.	B. Sc Biotechnology	2216102014	D. KEERTHI VASAN	Participation Bounded Research	STRATEGIES FOR CONTROLLING CRACKS IN RESIDENTIAL BUILDINGS
12.	B. Sc Biotechnology	2216102015	R. RAJ KUMAR	Participation Bounded Research	APPRAISAL OF BUILDING MAINTENANCE PRACTICE AMONG LANDLORDS
13.	B. Sc Biotechnology	2216102016	A. RANJAN	Participation Bounded Research	MAKING HIGH CONCRETE STRENGTH FROM GRANULATED CALCINED CLAY
14.	B. Sc Biotechnology	2216102017	R. SUBBASH	Participation Bounded Research	THE IMPACT OF MANAGEMENT CHALLENGES ON THE PRODUCTIVITY OF INTERGRATED BUILDING TECHNOLOGY AND SERVICES
15.	B. Sc Biotechnology	2216102018	M. MUGILAN	Participation Bounded Research	MYCOTOXINS AVAILABLE IN FOODSTUFFS VENDED
16.	B. Sc Biotechnology	2216102019	B. PAVITHRA	Participation Bounded Research	PINEAPPLE WINE FERMENTATION PRODUCTION USING BREWER'S YEAST(SACCHAROMYCESCEREVISIAE)
17.	B. Sc Biotechnology	2216102020	M. PRIYADHARSHINI	Participation Bounded Research	BIOLOGICAL WASTE WATER TREATMENT IN THANJAVUR
18.	B. Sc Biotechnology	2216102021	R. PRIYADHARSHINI	Participation Bounded Research	THE EFFECT OF XYLENE ON THE BIOCHEMICAL AND PHYSICOCHEMICAL PROPERTIES AND ALGAL DYNAMICS IN A CULTURE
19.	B. Sc Biotechnology	2216102022	N.HEMA CHANDIRAN	Participation Bounded Research	A COMPARATIVE STUDY OF SICKLE CELL DISEASE AND RHESUS FACTOR COMPARABILITY AMONG COUPLES
20.	B. Sc Biotechnology	2216102023	K. KUMUDHAN	Participation Bounded Research	DETERMINING THE CAUSAL RELATIONSHIP BETWEEN ADVANCED MATERNAL AGE AND DOWN SYNDROME
21.	B. Sc Biotechnology	2216102024	A.RAJA GOPALAN	Participation Bounded Research	MACROPHYTE DISTRIBUTION IN RELATION TO WATER QUALITY PARAMETERS
22.	B. Sc Biotechnology	2216102025	E.VINODHINI	Participation Bounded Research	ECONOMIC IMPORTANCE OF PTERIDOPHYTES


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23.	B. Sc Biotechnology	2216102026	S. RAVIKUMAR	Participation Bounded Research	ABUNDANCE OF MOSQUITO SPECIES
24.	M. Sc Biotechnology	1802BT2001	S.VIJAY	Participation Bounded Research	ANTIDIABETIC ACTIVITY OF AQUEOUS EXTRACT OF NEEM EXTRACT
25.	M. Sc Biotechnology	1802BT2002	C. VINAY	Participation Bounded Research	DEGRADATION OF LIGNIN TO VALUE ADDED PRODUCTS
26.	M. Sc Biotechnology	1802BT2003	R. KASTHURI	Participation Bounded Research	DEVELOPMENT OF ANTIMICROBIAL FABRIC FROM COTTON
27.	M. Sc Biotechnology	1802BT2004	S. SHALINI	Participation Bounded Research	SILICA MICROPARTICLES SYNTHESIS FROM BIOWASTE (COCONUT FIBRE)
28.	M. Sc Biotechnology	1802BT2005	T. PRAVEENA	Participation Bounded Research	BIO HYDROGEN PRODUCTION FROM COW DUNG WASTE
29.	M. Sc Biotechnology	1802BT2006	S. KARPAGAM	Participation Bounded Research	HYDROPONICS FARMING


 Head of the Department
 Department of Biotechnology
 School of Arts & Science
 The University, Thanjavur.


 Dean of Arts & Science
 PRISI Decent 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 : G-MEENA
- Register No. : 2216102010
- Programme & Branch : B.Sc BIOTECHNOLOGY Batch: 2016-2019 Semester: V

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. Description of Research Related Task

Soaps and other cleaning chemicals have been widely used for cleaning purposes. As the skin is the first line of defense, most bacteria like Staphylococcus aureus are the primary cause of skin infections. As a result, medicated soap with antibacterial activity can be used to prevent skin infections & spread of skin pathogens.

ii. Date of Allotment of the Task: 09.07.2018

iii. Due Date Proposed for Completion of Task: 15.10.2018

Signature of the Student: G. Meena

Signature of the Faculty Advisor: Anushia

Date: 27.11.2018

Head of the Department
Department of Biotechnology
School of Arts & Science
126

Dean of Arts & Science
PRIST Deemed to be University
Thiruvananthapuram 611 002, Kerala



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 : GI. MEENA
- Register No. : 2216102010
- Programme & Branch : B.Sc BIOTECHNOLOGY Batch: 2016-2019 Semester: V

II. Faculty Advisor Details

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

III. Details of the Task Undertaken:

i. Details of the Task:

ANTIBACTERIAL ACTIVITY OF THREE TYPES OF MEDICATED SOAPS ON STAPHYLOCOCCUS AUREUS FROM WOUND INFECTION

ii. Date of Allotment of the Task:

09.07.2018

iii. Date of Completion of the

15.10.2018

Task: _____

IV. Declaration of the Student

I, GI. MEENA, a student of BIOTECHNOLOGY Programme (Reg.No. 2216102010), hereby declare that I have completed the Research Related Task” ANTIBACTERIAL ACTIVITY OF THREE TYPES OF MEDICATED SOAPS ON STAPHYLOCOCCUS AUREUS FROM WOUND INFECTION ” 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: 27.11.2018

[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

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 : G. MEENA
- Register No. : 2216102010
- Programme & Branch : B.Sc BIOTECH Batch: 2016-2019 Semester: V
NOLBY

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:

ANTIBACTERIAL ACTIVITY OF THREE TYPES OF MEDICATED
SOAPS ON STAPHYLOCOCCUS AUREUS ISOLATED FROM WOUND

ii. Date of Allotment of the Task:

09.07.2018

INFECTIONS

iii. Date of Completion of the

15.10.2018

Task:

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. G. MEENA, a bonafide student of BIOTECHNOLOGY (III yr)

(Reg.No. 2216102010) who has been allotted a Research Related Task "ANTIBACTERIAL ACTIVITY

OF THREE TYPES OF MEDICATED SOAPS ON STAPHYLOCOCCUS AUREUS ^{FROM WOUND} "on INFECTIONS

09.07.2018 has successfully completed the above mentioned task on 15.10.2018 to my satisfaction and has

submitted all task completion related records to me.

Date: 27.11.2018

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

[Signature]
Signature of the Faculty Advisor

[Signature]
Dean of Arts & Science
PRIST Deemed to be University
Thanjavur - 613 103, Thanjavur.



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. VIJAY
- Register No. : 1802BT2001
- Programme & Branch : M.Sc BIOTECHNOLOGY Batch: 2018-2020 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. P. ARJUN
- Designation: ASSOCIATE PROFESSOR Department: BIOTECHNOLOGY

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

Nimbidin is a mixture of tetranortriterpenes and is the major active principle of seed oil of Azadirachta indica. The derived extracts have been shown for antidiabetic activity.

ii. Date of Allotment of the Task: 06.02.2019

iii. Due Date Proposed for Completion of Task: 26.04.2019

Signature of the Student: *S. Vijay*

Signature of the Faculty Advisor: *P. Arjun*

Date: 26.04.2019

Head of the Department
Department of Biotechnology
School of Arts & Science

Dean of Arts & Science
PRIST Deemed to be University



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. VIJAY
- Register No. : 1802BT2001
- Programme & Branch : M.Sc BIOTECH NOLDGy Batch: 2018-2020 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. P. ARJUN
- Designation: ASSOCIATE PROFESSOR Department: BIOTECHNOLOGY

III. Details of the Task Undertaken:

i. Details of the Task:

ANTIDIABETIC ACTIVITY OF AQUEOUS EXTRACT OF NEEM PLANT

ii. Date of Allotment of the Task:

06.02.2019

iii. Date of Completion of the

26.04.2019

Task:

IV. Declaration of the Student

I, S. VIJAY, a student of M.Sc BIOTECH NOLDGy Programme (Reg.No. 1802 BT2001), hereby declare that I have completed the Research Related Task” ANTIDIABETIC ACTIVITY OF AQUEOUS EXTRACT OF NEEM EXTRACT”

upto the satisfaction of my Advisor and have submitted all related records to him on 26.04.2019. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 26.04.2019

S. Vijay
Signature of the Student

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

[Signature]
Faculty Advisor

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 : S. VIJAY
- Register No. : 1802BT2001
- Programme & Branch : M.Sc BIOTECHNOLOGY Batch: 2018-2020 Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : Dr. P. ARJUN
- Designation: ASSOCIATE PROFESSOR Department: BIOTECHNOLOGY

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

ANTIDIABETIC ACTIVITY OF AQUEOUS EXTRACT OF NEEM EXTRACT

ii. Date of Allotment of the Task:

06.02.2019

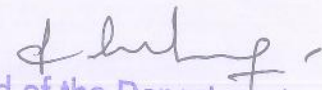
iii. Date of Completion of the

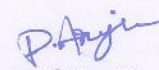

26.04.2019

Task:

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. S. VIJAY, a bonafide student of M.Sc BIOTECHNOLOGY (Reg.No. 1802BT2001) who has been allotted a Research Related Task "ANTIDIABETIC ACTIVITY OF AQUEOUS EXTRACT OF NEEM EXTRACT" "on 06.02.2019 has successfully completed the above mentioned task on 26.04.2019 to my satisfaction and has submitted all task completion related records to me.

Date: 26.04.2019 
 Head of the Department
 Department of Biotechnology
 School of Arts & Science
 Prist Deemed to be University, Thanjavur.


 Signature of the Faculty Advisor

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

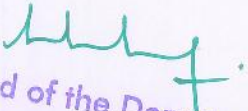



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DEPARTMENT OF BIOTECHNOLOGY

1.3.3. RESEARCH PROJECT


ACADEMIC YEAR - 2018-2019



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. RESEARCH PROJECT 2018-2019

S. NO.	PROGRAM NAME	REG. NO.	NAME	INTERNSHIP /FIELD PROJECT/ RESEARCH PROJECT	PROJECT TITLE
1.	M. Phil Biotechnology	1802BT3001	V. VENKATESH	Research Project	Drying Methods on Nutrient content


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, Tamilnada.

Drying Methods on Nutrient content

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

**In
BIOTECHNOLOGY**

Submitted By

**V. VENKATESH
(Reg No.1802BT3001)**

Under the guidance

**Dr. P. ARJUN
Associate Professor**




DEPARTMENT OF BIOTECHNOLOGY

School of Arts and Science

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

JUNE -2019


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



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THANJAVUR – 613 403 - TAMILNADU

Bona-fide Certificate

This is to certify that the thesis entitled “DRYING METHODS ON NUTRIENT CONTENT”, submitted by V. VENKATESH 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: 11.06.2019

Research Guide

SIGNATURE OF THE H.O.D

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

(Dr. P. ARJUN)

SIGNATURE OF THE EXAMINAR

1.

(Dr. S. AMBIGA)

2.

(Dr. A. BAKRUDEEN ALI AHMED)

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

DEPARTMENT OF CIVIL ENGINEERING.


ACADEMIC YEAR: -2018-2019


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	1701SE2001	ABBAS.M	The Design of an Overpass Crossing on Railway.
2	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2002	ARIVAZHAGAN .S	Capacity assessment of a Single Span Arch Bridge.
3	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2003	CHANDRA.R	Effect of Dead, Live and Blast Loads on a Suspension Bridge.
4	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2004	GISS GEORGE	Passive Design Features for Energy-Efficient Residential Buildings.
5	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2005	HARIHARAN.R	3D-Modeling and Energy Simulation.
6	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2006	ILAVENIL.B	BIM-Based Energy Analysis.


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.

7	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2007	INDHUMATHY.K	More crop and income per drop of water.
8	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2008	LATHA.P	Embedded Strain Sensor with Power Scavenging.
9	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2009	MEGHAA.K	Dynamic Analysis of a Portal Frame Railway Bridge.
10	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2010	PANDIYAN.S	Building Energy Retrofitting.
11	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2011	PRABHAKARAN .L	Economical Design of Water Concrete Tanks.
12	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2012	SANTHA KUMAR.R	Risk-Based Bridge Maintenance Strategies.
13	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2013	SETHUPATHY.T	Middle-class Immigration and Residential Preferences.
14	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2014	SIVASANKAR.P	Planning Forest Routes for Silvi cultural activities.

B. Jeyaraj
Head of the Department
Department of Civil Engineering
Ponnaiyah Ramajayam Institute of
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U/s 3 of the UGC Act 1956)
THANJAVUR - 613 403, TAMILNADU.

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

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15	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2015	SUBHASHRIS	Ecological Impacts of Traffic Noise.
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Head of the Department
Department of Civil Engineering
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THANJAVUR - 613 403, TAMILNADU.



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

THE DESIGN OF AN OVERPASS CROSSING ON RAILWAY

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

ABBAS.M (1701SE2001)

Under the Guidance of

Mrs. J.SANTHIYAA JENIFER

Assistant Professor



SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

PRIST DEEMED TO BE UNIVERSITY

THANJAVUR- 613403

NOVEMBER - 2018

EFFECT OF DEAD, LIVE AND BLAST LOADS ON A SUSPENSION 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

CHANDRA.R (1701SE2003)

Under the Guidance of

Mrs. R.DEVI

Assistant Professor



SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

PRIST DEEMED TO BE UNIVERSITY

THANJAVUR- 613403

NOVEMBER - 2018

3D-MODELING AND ENERGY SIMULATION

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

HARIHARAN.R (1701SE2005)

Under the Guidance of

Mrs. K.SHANTHI

Assistant Professor



SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

PRIST DEEMED TO BE UNIVERSITY

THANJAVUR- 613403

NOVEMBER - 2018

ACADEMIC YEAR: -2018-2019

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	1701SE2001	ABBAS.M	Structural Analysis and Design of a Multistory structure.
2	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2002	ARIVAZHAGAN .S	Analysis and Design of Footbridge.
3	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2003	CHANDRA.R	Effect of Wind on RC structure resting on sloping ground and Analysis done using Etabs software.
4	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2004	GISS GEORGE	Analysis and Design of Skew bridge
5	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2005	HARIHARAN.R	Dynamic analysis of Residential Building.
6	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2006	ILAVENIL.B	Retrofitting of reinforced concrete frames using steel bracings.
7	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2007	INDHUMATHY.K	Comparison of analysis and design of regular and irregular configuration of multi story building in various seismic zones and various types of soils.

B. Jeyaraj
Head of the Department
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Science & Technology (Prist)
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U/s 3 of the UGC Act 1956)
THANJAVUR - 613 403, TAMILNADU

Krupa
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School of Engineering and Tech.
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Deemed to be University
Vallam, Thanjavur-613 403.

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8	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2008	LATHA.P	Structural analysis of a multi- storeyed building for different plan configurations.
9	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2009	MEGHAA.K	Structural design of concrete structure.
10	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2010	PANDIYAN.S	Effect of wind load on tall buildings in different terrain category.
11	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2011	PRABHAKARAN .L	Earth quack analysis of multi storied residential building.
12	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2012	SANTHA KUMAR.R	Analysis and design of multistory building with grid slab.
13	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2013	SETHUPATHY.T	Enhancing Confinement and Ductility of Circular Columns.
14	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2014	SIVASANKAR.P	Investigating the Influence of Nano Silica and Nano Alumina on the Packing Density of Cement Paste.
15	M.TECH (Structural Engg) (FT) 17PGSTEFT	1701SE2015	SUBHASHRI.S	Simulating the Penetration of Projectiles on Concrete Panels Using Abaqus.

B. Lopez
Head of the Department
Department of Civil Engineering
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Under 3 of the UGC Act 1956)
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Keeyan
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School of Engineering and Tech.
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Science and Technology (PRIST)
Deemed to be University
Vallam, Thanjavur - 613 403.

STRUCTURAL ANALYSIS AND DESIGN OF A MULTISTORY STRUCTURE

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

Submitted By
ABBAS.M (1701SE2001)

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
MARCH - 2019

ANALYSIS AND DESIGN OF SKEW BRIDGE

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

Submitted By

GISS GEORGE (1701SE2004)

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

MARCH - 2019

COMPARISON OF ANALYSIS AND DESIGN OF REGULAR AND IRREGULAR CONFIGURATION OF MULTI STORY BUILDING IN VARIOUS SEISMIC ZONES AND VARIOUS TYPES OF SOILS

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

Submitted By
INDHUMATHY.K (1701SE2007)

Under the Guidance of
Mr. S.RAVISHANKAR
Assistant Professor



SCHOOL OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING
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THANJAVUR- 613403

MARCH - 2019

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SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING.

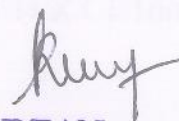
ACADEMIC YEAR: -2018-2019

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	1801SE2001	NIKHIL. C. JOHN
2	M.TECH (SE) FT	1801SE2002	MUKESHKUMAR .P
3	M.TECH (SE) FT	1801SE2003	PRAVEEN KUMAR .R
4	M.TECH (SE) FT	1801SE2004	RAAM ARAVINDH .T
5	M.TECH (SE) FT	1801SE2006	ANAND .M
6	M.TECH (SE) FT	1801SE2007	SAKTHIVEL .R
7	M.TECH (SE) FT	1801SE2008	BHUVANESWARI .S
8	M.TECH (SE) FT	1801SE2009	MAHARAJ .M
9	M.TECH (SE) FT	1801SE2010	VIGNESH .M
10	M.TECH (SE) FT	1801SE2011	ASIF AHAMED .R
11	M.TECH (SE) FT	1801SE2012	SANTHOSH .S
12	M.TECH (SE) FT	1801SE2013	SIVAMAN .R
13	M.TECH (SE) FT	1801SE2014	ARAVINDHA CHOLAN. R
14	M.TECH (SE) FT	1801SE2015	ABDUL ILAH. A
15	M.TECH (SE) FT	1801SE2016	SURIYARAJ .S
16	M.TECH (SE) FT	1801SE2017	RAM BABU.C
17	M.TECH (SE) FT	1801SE2018	NIVASSUDHAN. R
18	M.TECH (SE) FT	1801SE2019	LOGESH.A.V
19	M.TECH (SE) FT	1801SE2020	VISWANATHAN. A



Head of the Department
Department of Civil Engineering
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Science & Technology (Prist)
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THANJAVUR - 613 403, TAMILNADU.



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 : NIKHIL - C. JOHN
- Register No. : 18013E2001
- Programme & Branch : M.Tech & Batch: 18-20 Semester: II
Structural Engineering

II. Faculty Advisor Details

- Name of the Faculty Advisor : K. Shanthi
- Designation: Assistant Professor Department: CIVIL

III. Details of Research Related Task Allotted:

- i. Description of Research Related Task

Design of Bridge cum barrage

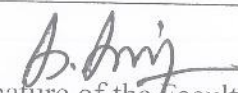
- ii. Date of Allotment of the Task:

1/6/18

- iii. Due Date Proposed for Completion of Task:

30/6/18


Signature of the Student:


Signature of the Faculty Advisor

Date: 1/6/18



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 : NIKHIL - C. JOHN
- Register No. : 18013E2001
- Programme & Branch : M.Tech & Batch: 18-20 Semester: II
Structural Engineering

II. Faculty Advisor Details

- Name of the Faculty Advisor : K. Shanthi
- Designation: Assistant Professor Department: CIVIL

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Design of Bridge cum barrage

ii. Date of Allotment of the Task:

1/6/18

iii. Date of Completion of the

30/6/18

Task:

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. NIKHIL - C. JOHN, a bonafide student of S.T. M. Tech

(Reg. No. 18013E2001) who has been allotted a Research Related Task " Design of

Bridge cum barrage

"on

1/6/18, has successfully completed the above mentioned task on _____ to my satisfaction and has

submitted all task completion related records to me.

Date: 30/6/2018

B. Prasad
HOD

B. Anj
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 : NIKHIL-C-JOHN
- Register No. : 18013E2001
- Programme & Branch : M-Tech \varnothing Batch: 18-20 Semester: II
Structural Engineering

II. Faculty Advisor Details

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

III. Details of the Task Undertaken:

i. Details of the Task:

Design of Bridge cum barrage

ii. Date of Allotment of the Task:

11/6/18

iii. Date of Completion of the

30/6/18

Task:

IV. Declaration of the Student

I, NIKHIL-C-JOHN, a student of M-Tech-ST Programme (Reg.No. 18013E2001), hereby declare that I have completed the Research Related Task” Design of Bridge cum barrage

upto the satisfaction of my Advisor and have submitted all related records to him on 30/6/18. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 30/6/18

B. Srinivas
Faculty Advisor
B. Srinivas
HOD

Nikhil C John
Signature of the Student

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SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING.

ACADEMIC YEAR: -2018-2019

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	1801SE2801	KARTHIKEYAN .K
2	M.TECH (SE) PT	1801SE2802	SHANMUGAPRIYAN.P
3	M.TECH (SE) PT	1801SE2803	SYED AFRIDI.N
4	M.TECH (SE) PT	1801SE2804	VENKATESH PRASAD.S
5	M.TECH (SE) PT	1801SE2805	VIGNESH.M
6	M.TECH (SE) PT	1801SE2806	RAMESH RAJA.M
7	M.TECH (SE) PT	1801SE2807	A.RAJ KUMAR
8	M.TECH (SE) PT	1801SE2808	NAVIN KUMAR SINGH
9	M.TECH (SE) PT	1801SE2809	ROHIT KUMAR SINGH
10	M.TECH (SE) PT	1801SE2810	VIKRAM VIVEK.V
11	M.TECH (SE) PT	1801SE2811	VIKASH KUMAR.K
12	M.TECH (SE) PT	1801SE2812	BANDISH KUMAR PATEL
13	M.TECH (SE) PT	1801SE2813	RAVI KUMAR.S
14	M.TECH (SE) PT	1801SE2814	KIRUBHAKARAN .S
15	M.TECH (SE) PT	1801SE2815	KRISHNA PRIYA .V.G
16	M.TECH (SE) PT	1801SE2816	JAFFER .A.J
17	M.TECH (SE) PT	1801SE2817	DHANUS .T

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

Keeyan
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. KARTHIKEYAN**
- Register No. : **1801SE2801**
- Programme & Branch : **M-Tech e** Batch: **18-21** Semester: **II**
Structural Engineering

II. Faculty Advisor Details

- Name of the Faculty Advisor : **A-BELCIYA MARY**
- Designation: **Assistant professor** Department: **CIVIL**

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

**Structural Analysis and Design of a
Multistory structure**

ii. Date of Allotment of the Task:

6/6/18

iii. Due Date Proposed for Completion of Task:

30/6/18

K.K.K
Signature of the Student:

A. Bannay
Signature of the Faculty Advisor

Date: **6/6/18**



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. KARTHIKEYAN
- Register No. : 1801SE2801
- Programme & Branch : M.Tech & Batch: 18-21 Semester: II
Structural Engineering

II. Faculty Advisor Details

- Name of the Faculty Advisor : A. BELLIYA MARY
- Designation: Assistant professor Department: CIVIL

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Structural Analysis and Design of a Multistory Structure

ii. Date of Allotment of the Task:

6/6/18

iii. Date of Completion of the

30/6/18

Task:

IV. Certificate for Successful Completion of Task

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

(Reg.No. 1801SE2801) who has been allotted a Research Related Task "Structural

Analysis and Design of a Multistory Structure" on

6/6/18, 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

B. B. B.
HOD

A. Belliya Mary
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 : K-KARTHIKEYAN
- Register No. : 1801SE2801
- Programme & Branch : M-Tech & Structural Engineering Batch: 18-2) Semester: II

II. Faculty Advisor Details

- Name of the Faculty Advisor : A. BELLIA MARY
- Designation: Assistant Professor Department: CIVIL

III. Details of the Task Undertaken:

i. Details of the Task:

Structural Analysis and Design of a multistory structure.

ii. Date of Allotment of the Task:

6/6/18

iii. Date of Completion of the

30/6/18

Task:

IV. Declaration of the Student

I, K-KARTHIKEYAN, a student of M-Tech-ST Programme (Reg.No. 1801SE2801), hereby declare that I have completed the Research Related Task "Structural Analysis and Design of a multistory structure"

upto the satisfaction of my Advisor and have submitted all related records to him on 30/6/18. Documents in support of completion of the task is enclosed herewith for evaluation purpose.

Date: 30/6/18

A. Bellia Mary
Faculty Advisor
HOD

K. Karthikeyan
Signature of the Student




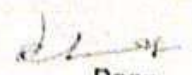
SCHOOL OF ARTS OF SCIENCE
DEPARTMENT OF CHEMISTRY

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

Project and Research Projects name list academic year 2018-2019

S.No	Students Name	Reg. No	Title of the Project
1	T.Sakthivel	1802CH3001	Grindstone chemistry approach: Synthesis and characterization of 2-thioxopyrimidine derivatives and its mosquito larvicidal activity.


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


Dean
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Ponnalyah Ramajayam Institute of
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Vallam, Thanjavur - 613 403.

***GRINDSTONE CHEMISTRY APPROACH: SYNTHESIS AND CHARACTERIZATION OF
2-THIOXOPYRIMIDINE DERIVATIVES AND ITS MOSQUITO LARVICIDAL ACTIVITY***

A dissertation in a partial fulfillment of the requirement for the

Award of the degree of

“Master of philosophy in chemistry”

Submitted by

SAKTHIVEL.P

(Reg.No.1802CH3001)

Under the guidance of

Dr. M. JEROME ROZARIO., M.Sc., M.Phil., M.S., Ph.D.,

(Head and professor in Department of chemistry)



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August-2019



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Guide name: Dr. M.JEROME ROZARIO., M.SC., M.Phil, M.S., Ph.D.,

Designation: Head and professor in department of chemistry

Department: Department of Chemistry
PRIST Deemed to be University
Vallam, Thanjavur.

BONA-FIDECERTIFICATE

This is to certify that the project report entitled "GRINDSTONE CHEMISTRY APPROACH: SYNTHESIS AND CHARACTERIZATION OF 2-THIOXOPYRIMIDINE DERIVATIVES AND ITS MOSQUITO LARVICIDAL ACTIVITY" Submitted in partial fulfillment for the degree of **OF PHILOSOPHY IN CHEMISTRY** at **PRIST Deemed to be University Vallam, Thanjavur-613 403**. It is the bona-fide record of the original work done by **SAKTHIVEL.P (Reg. No.1802CH3001)** under my supervision and guidance. The content of this dissertation in full part, have not been submitted to my other Institute or University for the award of any degree, diploma, associate ship. Fellowship or any similar title and it represent entirely an independent work on the part of the candidate.

PLACE: THANJAVUR 613 403

DATE: 09-09-2019


RESEARCH GUIDE 09/09/19



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DECLARATION

I hereby declare that the dissertation entitled "GRINDSTONE CHEMISTRY APPROACH: SYNTHESIS AND CHARACTERIZATION OF 2-THIOXOPYRIMIDINE DERIVATIVES AND ITS MOSQUITO LARVICIDAL ACTIVITY". Submitted in partial fulfillment of for the degree, "MASTER OF PHILOSOPHY IN CHEMISTRY" is a record research work done by me, under the supervision and guidance of **Dr. M. JEROME ROZARIO M.Sc., M.Phil., M.S. ,Ph.D. ,**Head and professor in Department of Chemistry, PRIST Deemed to be University, Vallam Thanjavur. This work has not formed the basis for the award of any other degree.

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DATE: 09-09-2019

SIGNATURE OF THE CANDITATE

(P.SAKTHIVEL)




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DEPARTMENT OF MICROBIOLOGY

1.3.3 Research projects

2018-2019


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DEPARTMENT OF MICROBIOLOGY

1.3.3 Number of students undertaking field projects / research projects / internships during the year

**II M.Sc., Microbiology Research project report
2018-2019**

MSc., MICROBIOLOGY- 2018-2019					
S.No	Programme Name	Student Name	Register Number	Field projects / Research projects / Internships	Title of the project
1	M.Sc., Microbiology	R.Thangam	1702MB102	Research projects	Antimicrobial, Anticancer, Antioxidant And Anti Dermal Activity of Aglaomorpha Guercifolia

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Thanjavur - 613 403, Tamilnadu

**ANTIMICROBIAL, ANTICANCER, ANTIOXIDANT AND ANTI DERMAL
ACTIVITY OF *AGLAOMORPHA GUERCIFOLIA***

A Dissertation submitted in partial fulfillments of the requirements for the

Award of the Degree of
MASTER OF SCIENCE

In
MICROBIOLOGY

BY

R.THANGAM
(Reg. No.1516103040)

Under the Guidance of

DR.R.SATHYA



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APRIL -2019

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**1.3.3 Participation in bounded Research
project
2018-2019**


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1.3.3 Number of students undertaking field projects / research projects / internships during the year
B.Sc., Participation in bounded Research project
2018-2019

S.No	Programme Name	Student Name	Register Number	Field projects / Research projects / Internships	Title of the project
1.	B.Sc., Microbiology	Krishnaveni.T	1703MB1001	Participation in bounded Research project	Isolation and Identification of amylase producing Fungal Species Isolated from Marine Soil
2.	B.Sc., Microbiology	Ranjithkumar.T	1703MB1003	Participation in bounded Research project	Hydrocarbon degradation by marine species
3.	B.Sc., Microbiology	Dhivya Sriram.S	1703MB1004	Participation in bounded Research project	Antimicrobial activity and Antioxidant activity
4.	B.Sc., Microbiology	Swetha.B	1703MB1005	Participation in bounded Research project	Biodiversity of <i>Jatropha</i> species
5.	B.Sc., Microbiology	Sandhiya.K	1703MB1006	Participation in bounded Research project	Isolation And Partial Characterization of Probiotics Bacteriocin From The Intestine Of Indian Major Carps
6.	B.Sc., Microbiology	Dhanalakshmi.S	1703MB1007	Participation in bounded Research project	Bioethanol production from soil

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7.	B.Sc., Microbiology	Iyyanarappan. S	1703MB1008	Participation in bounded Research project	Gut micro analysis
8.	B.Sc., Microbiology	Harish. S	1703MB1009	Participation in bounded Research project	Biodiversity of medicinal plants in Thanjavur region
9.	B.Sc., Microbiology	Kowsalya. L	1703MB1010	Participation in bounded Research project	Isolation and Identification of year from grapes
10.	B.Sc., Microbiology	Iyswarya. N	1703MB1011	Participation in bounded Research project	Isolation, Identification and optimization of Lactase Enzyme Producing Microorganisms from Milk
11.	B.Sc., Microbiology	Ramya. R	1703MB1012	Participation in bounded Research project	Production of microalgae using marine waste
12.	B.Sc., Microbiology	Janani. J	1703MB1013	Participation in bounded Research project	Characterization of Inulinase enzymes
13.	B.Sc., Microbiology	Sri Hariharasudhan.J	1703MB1014	Participation in bounded Research project	Nosocomial infection review
14.	B.Sc., Microbiology	Arul Pandi. R	1703MB1015	Participation in bounded Research project	Host microbial interaction from sea region
15.	B.Sc., Microbiology	Hera. S	1703MB1016	Participation in bounded Research project	Biodiversity of marine plants
16.	B.Sc., Microbiology	Santhiya. P	1703MB1017	Participation in bounded Research project	Vermicomposting from saw dust
17.	B.Sc., Microbiology	Rochette Marie Sandrine. G	1703MB1018	Participation in bounded Research project	Vermicomposting from tea waste dust
18.	B.Sc., Microbiology	H.Muthukumar	1702MB1001	Participation in bounded Research project	Vermicomposting from mixed tea waste and saw dust

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Student Participation in Bounded Research

Research Related Task Allotment

I. Student Details

- Name of the Student : T. Ranjithkumar
- Register No. : 1703MB1003
- Programme & Branch : B.Sc
MICROBIOLOGY Batch: 2017 Semester: V

II. Faculty Advisor Details

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

III. Details of Research Related Task Allotted:

i. Description of Research Related Task

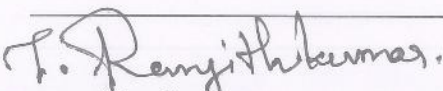
To collect the hydro carbon degrading marine species from marine region.


ii. Date of Allotment of the Task:

5.6.2018

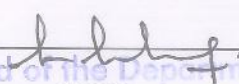
iii. Due Date Proposed for Completion of Task:

3.8.2018


Signature of the Student:


Signature of the Faculty Advisor

Date: 3.8.2018


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HOD
Department of Microbiology
School of Science & Technology
Prist Deemed to be University, Thanjavur


Dean of Research
PRIST Deemed to be University
Thanjavur - 613 019



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. Ranjithkumar
- Register No. : 1703MB1003
- Programme & Branch : B.Sc Batch: 2017 Semester: V
MICROBIOLOGY

II. Faculty Advisor Details

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

III. Details of Research Related Task Allotted:

i. Details of the Task Allotted:

Hydrocarbon degradation by marine species

ii. Date of Allotment of the Task:

5.6.2018

iii. Date of Completion of the

3.8.2018

Task:

IV. Certificate for Successful Completion of Task

This is to certify that Mr./Ms. G. Ranjithkumar a bonafide student of MICROBIOLOGY.

(Reg.No. 1703MB1003 who has been allotted a Research Related Task “ Hydrocarbon

degradation by marine species ” on

5.6.2018 has successfully completed the above mentioned task on 3.8.2018 to my satisfaction and has

submitted all task completion related records to me.

Date: 3.8.2018

[Signature]

Head of the Department
Department of Microbiology
School of Arts & Science
PRIST Deemed to be University

[Signature]

Signature of the Faculty Advisor

[Signature]

PRIST Deemed to be University
Thiruvananthapuram-610 023, India



Ponnaiyah Ramajayam Institute of Science and Technology (PRIST)

Student Participation in Bounded Research

Submission of Research Related Task Completion Report

I. Student Details

- Name of the Student : P. Ranjithkumar
- Register No. : 1703MB1003
- Programme & Branch : B.Sc Batch: 2017 Semester: V
MICROBIOLOGY

II. Faculty Advisor Details

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

III. Details of the Task Undertaken:

i. Details of the Task:

Hydrocarbon degradation by marine species

ii. Date of Allotment of the Task:

5.6.2018

iii. Date of Completion of the

3.8.2018

Task:

IV. Declaration of the Student

I, P. Ranjithkumar, a student of MICROBIOLOGY Programme (Reg.No. 1703MB1003), hereby declare that I have completed the Research Related Task” Hydrocarbon degradation by marine species.”

upto the satisfaction of my Advisor and have submitted all related records to him on 3.8.2018.

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

Date: 3.8.2018

R. Sathya
Faculty Advisor
Head of the Department
Department of Microbiology
School of Arts & Sciences
Prist Deemed to be University, Thanjavur.

P. Ranjithkumar
Signature of the Student

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