

**Sadakathullah Appa College (Autonomous)**

**Rahmath Nagar, Tirunelveli - 627 011**



## **CRITERION II**

### **Teaching-learning and Evaluation**

**2.2.1: The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners**

***Programmes for Advanced Learners***

*Submitted to*

**THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)**

**August 2022**

**2.2.1**

## **INDIVIDUAL PROJECTS**

## ADVANCED LEARNERS

### INDIVIDUAL PROJECT

Advanced learners undertake individual projects. The details are as follows:

S. NO.	NAME OF THE PROGRAM	ROLL NO.	NAME OF THE STUDENT	TITLE OF THE PROJECT
1	BA English	18AEN09	HALIMA NAGOOR GANI	WAR, SUFFERING AND SURVIVAL AS REPORTED IN RANIA ABOUZEID'S NO TURNING BACK AND KASSEM EID'S MY COUNTRY: A SYRIAN MEMOIR
2	BA English	18AEN30	R JOYLIN UMA	SLAVERY AND TIME TRAVEL IN OCTAVIA E. BUTLER'S KINDRED - AN ANALYSIS
3	B.Sc Computer Science	18ACS12	M NITHYA	ONLINE BLOOD BANK
4	B.Com	18ACO22	B DIVYA SREE	AN ANALYTICAL STUDY ON FINANCIAL PERFORMANCE OF HINDUSTAN PETROLEUM CORPORATION LIMITED
5	B.Com	18ACO13	AHAMED SHAFANA M	A STUDY ON STUDENTS PERCEPTION TOWARDS ONLINE LEARNING IN TIRUNELVELI CITY
6	B.Com	18ACO11	UMERA S	A STUDY ON FINANCIAL PERFORMANCE AND ANALYSIS OF TATA MOTORS LTD
7	B.Sc Zoology	18AZO23	K. S. UMA BHARATHI	COMPARATIVE STUDY OF MORPHOLOGICAL OF CHARACTERS AND DNA SEQUENCEY OF GUT MICROBES IN EARTHWORM (LAMPITO MAURITII) FED WITH TWO DIFFERENT FEEDING CONDITIONS
8	BA English	18SEN07	ANUSHA A S	THE VICTORY OF THE HUMAN SPIRIT IN SEBASTIAN JUNGER'S THE PERFECT STORM

9	BA English	18SEN13	MUTHU KANAGA SANGEETHA M	SAGA OF SURPANAKHA: A CRITICAL STUDY OF KAVITHA KANE LANKA'S PRINCESS
10	BA English	18SEN40	N P ATHITHYA PARAMESH	AN ANALYSIS OF THE THEMES OF CARING AND COURAGE IN E. NESBIT'S THE RAILWAY CHILDREN
11	BA English	18SEN54	NITHYANANDHAN V	J. D. SALINGER'S THE CATCHER IN THE RYE AS A SOCIAL SATIRE
12	B.Sc MATHS	18SMA08	M AARTHY	STOCHASTIC PROCESSES
13	BBA	18SBB14	K VAGULAVENI	A STUDY ON CONSUMER BUYING BEHAVIOUR TOWARDS SILK SAREES IN TIRUNELVELI
14	BBA	18SBB70	R VIGNESH	A STUDY ON THE CUSTOMER SATISFACTION TOWARDS FAST- TRACK CALL TAXI
15	BBA	17SBB35	M S MUBARAK SHAHITH AFRADI	A STUDY OF CONSUMER PREFERENCE TOWARDS GOLD AS AN INVESTMENT
16	BCA	18SCA06	S KRISHNA VENI	THEME PARK MANAGEMENT SYSTEM
17	B.Sc IT	18SIT05	M AL AMEEN	TIME TABLE GENERATOR
18	B.Sc IT	18SIT22	S MOHAMED SHAMEERKHAN	BIKE SERVICE BOOKING SYSTEM

**A STUDY ON CONSUMER BUYING BEHAVIOR TOWARDS SILK SAREE IN  
TIRUNELVELI**

A project submitted to  
Sadakathullah Appa College (Autonomous)  
In partial fulfillment of the requirement for the award of the degree of  
**BACHELOR OF BUSINESS ADMINISTRATION**

Submitted By  
**K . VAGULAVENI (18SBB14)**

Under the Guidance of  
**Dr. S.SHAHUL HAMEED, M.B.A., M.Sc (Psy), Ph.D.**  
Department of Business Administration



**DEPARTMENT OF BUSINESS ADMINISTRATION  
SADAKATHULLAH APPA COLLEGE  
(AUTONOMOUS)  
TIRUNELVELI-627011  
APRIL - 2021**

# **A STUDY ON THE CUSTOMER SATISFACTION TOWARDS FAST-TRACK CALL TAXI**

A project submitted to  
Sadakathullah Appa College (Autonomous)  
In partial fulfillment of the requirement for the award of the degree of  
***BACHELOR OF BUSINESS ADMINISTRATION***

Submitted By  
**R. VIGNESH (18SBB70)**

Under the Guidance of  
**Mr. K. ABDUL KHALIQ, M.B.A., (SET)**  
Department of Business Administration



**DEPARTMENT OF BUSINESS ADMINISTRATION  
SADAKATHULLAH APPA COLLEGE  
(AUTONOMOUS)  
TIRUNELVELI-627011**

**APRIL - 2021**

# **"A STUDY OF CONSUMER PREFERENCE TOWARDS GOLD AS AN INVESTMENT"**

A project report submitted to the  
Sadakathullah Appa College (Autonomous)  
In partial fulfilment of the requirement for the degree of  
**BACHELOR OF BUSINESS ADMINISTRATION**

**BY**

**M.S. MUBARAK SHAHITH AFRIDI(17SBB35)**

Under the Guidance of

**MRS. S. YASMIN KATHIJA, MBA, M.PHIL, SET**

Assistant Professor

Department of Business Administration  
Sadakathullah Appa College (Autonomous)  
Tirunelveli.



**DEPARTMENT OF BUSINESS ADMINISTRATION  
SADAKATHULLAH APPA COLLEGE (AUTONOMOUS)**

**(Reaccredited by NAAC at an 'A' Grade with a CGPA of 3.40 out of 4.0 in the III cycle**

**An ISO 9001:2008 Certified Institution)**

**RAHMATH NAGAR, TIRUNELVELI-627011**

**APRIL-2021**

**SAC/BBA/2020/2017/ REPEAT**

# **THEME PARK MANAGEMENT SYSTEM**

**In Partial fulfilment of the requirement for the award of the degree of  
BACHELOR OF COMPUTER APPLICATION**

**Submitted by**

**S.KRISHNA VENI**

**(18SCA06)**

**Under the Guidance of**

**Prof. Mrs. Dr. S. PIRAMU KAILASAM, M.C.A., M.Phil,**

**Assistant Professor**



**DEPARTMENT OF COMPUTER APPLICATION**

**SADAKATHULLAH APPA COLLEGE (AUTONOMOUS)**

**(Reaccredited with "A" Grade by NAAC**

**&**

**AN ISO9001:2008 certified institution)**

**RAHMATH NAGAR, TIRUNELVELI – 627011**

**APRIL 2021**



# **AN ANALYTICAL STUDY ON FINANCIAL PERFORMANCE OF HINDUSTAN PETROLEUM CORPORATION LIMITED**

*A Project Report Submitted to the Sadakathullah Appa College (Autonomous)  
affiliated to Manonmaniam Sundaranar University in partial fulfillment of the  
requirements for the award of the degree of*

## **BACHELOR OF COMMERCE**

Submitted by  
**B. DIVYA SREE**  
**18ACO22**

*Under the guidance of*  
**Dr. M.N. Mohamed Abusali Sheik,**

**M.Com., B.Ed., MBA., M.Phil., Ph.D.,**

Assistant Professor



**PG & RESEARCH DEPARTMENT OF COMMERCE  
SADAKATHULLAH APPA COLLEGE (AUTONOMOUS)**

(Reaccredited with 'A' Grade by NAAC. An ISO 9001:2015 Certified Institution)

Tirunelveli - 627 011

**MAY - 2021**

# **A STUDY ON STUDENTS PERCEPTION TOWARDS ONLINE LEARNING IN TIRUNELVELI CITY**

*Project Report Submitted to the Sadakathullah Appa College (Autonomous)  
in partial fulfillment of the requirements for the award of the degree of*

**BACHELOR OF COMMERCE**

Submitted by

**Name of the candidate**

**AHAMED SHAFANA M**

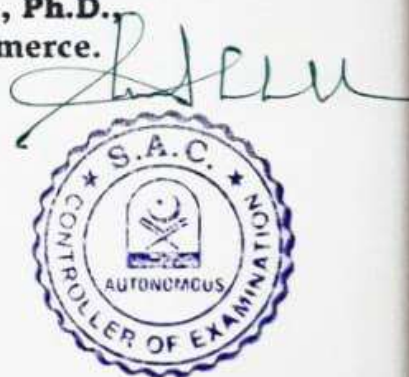
**(18ACO13)**

*Under the guidance of*

**Dr. M.N. Mohamed Abusali Sheik,**

**M.Com., B.Ed., MBA., M.Phil., Ph.D.,**

**Assistant Professor of Commerce.**



**PG & RESEARCH DEPARTMENT OF COMMERCE  
SADAKATHULLAH APPA COLLEGE (AUTONOMOUS)**

**Reaccredited by NAAC & ISO 9001:2015 Certified Institution**

**TIRUNELVELI - 627 011**

**May - 2021**

# **A STUDY ON FINANCIAL PERFORMANCE AND ANALYSIS OF TATA MOTORS LTD**

*Project Report submitted to the Sadakathullah Appa College  
(Autonomous) in partial fulfilment the requirements for the award of  
the degree of*

## **BACHELOR OF COMMERCE**

Submitted by  
Name of the candidate

UMERA S

(18ACO11)

*Under the guidance of*

**Dr. M.N. Mohamed Abusali Sheik,**

M.Com., B.Ed., M.B.A., M.Phil., Ph.D.,

Assistant Professor,



**PG & RESEARCH DEPARTMENT OF COMMERCE**

**SADAKATHULLAH APPA COLLEGE (AUTONOMOUS)**

Reaccredited by NAAC & ISO 9001:2015 Certified Institution

TIRUNELVELI - 627 011

**MAY - 2021**



# **ONLINE BLOOD BANK**

A PROJECT REPORT SUBMITTED TO THE

**SADAKATHULLAH APPA COLLEGE (Autonomous)**

IN THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF

**BACHELOR OF COMPUTER SCIENCE**

PROJECT DONE BY

**M. NITHYA**

**18ACS12**

Under the Guidance of

**Mrs. V. Uma Devi, M.Sc, M.Phil Assistant Professor**



**Department of Computer Science**

**Sadakathullah Appa College**

**Tirunelveli-627 011**

**April-2021**

**“War, Suffering and Survival as Reported in Rania Abouzeid’s *No Turning Back* and Kassem Eid’s *My Country: A Syrian Memoir*”**

A Project

Submitted to Sadakathullah Appa College (Autonomous)

On partial fulfilment of the requirements for the award of the Degree of

**BACHELOR OF ARTS**

**In  
ENGLISH**

**SUBMITTED  
BY**

**HALIMA NAGOOR GANI**

**ROLL NO.: 18AEN09**

Under the Guidance of

**Capt Dr. K. SYED ALI BHADHUSHA, M.A., M.Phil., Ph.D.,**

Assistant Professor of English and NCC Coy Commander



Research Department of English  
Sadakathullah Appa College (Autonomous)  
Tirunelveli – 627 011.

**April 2021**

**Research Department of English**  
**Sadakathullah Appa College (Autonomous)**  
**Rahmath Nagar, Tirunelveli - 627 011.**

**DECLARATION**

I hereby declare that the Project entitled "**War, Suffering and Survival as Reported in Rania Abouzeid's *No Turning Back* and Kassem Eid's *My Country: A Syrian Memoir***" is my original work, done under the guidance of **Capt Dr. K. SYED ALI BHADHUSHA, M.A., M.Phil., Ph.D.,** Assistant Professor of English and NCC Coy Commander, Research Department of English, Sadakathullah Appa College (Autonomous), Tirunelveli – 627 011, and it has not previously formed the basis for the award of any other Degree, Diploma or similar title of any other Institution or University.

**Name of the Candidate**

**Roll No.**

**Signature**

**HALIMA NAGOOR GANI**

**18AEN09**

*Halima*

**Place:** Tirunelveli

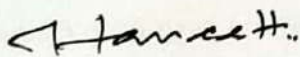
**Date:** 30-04-2021



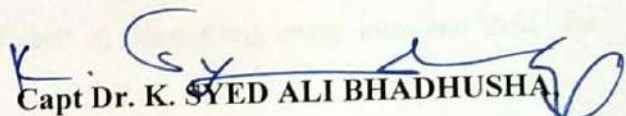
**Research Department of English**  
**Sadakathullah Appa College (Autonomous)**  
**Rahmath Nagar, Tirunelveli - 627 011.**

**CERTIFICATE**

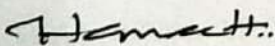
This is to certify that the Project entitled "War, Suffering and Survival as Reported in Rania Abouzeid's *No Turning Back* and Kassem Eid's *My Country: A Syrian Memoir*" is an original work, done by **HALIMA NAGOOR GANI**, Roll No. 18AEN09 in partial fulfilment of the requirements for the award of the Degree of Bachelor of Arts in English during the academic year 2020-2021.



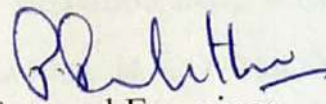
**Dr. S. MOHAMED HANEEF,**  
Head of the Department  
The Research Department of English  
Sadakathullah Appa College  
(Autonomous)  
Tirunelveli – 627 011.



**Capt Dr. K. SYED ALI BHADHUSHA**  
Assistant Professor and Research Supervisor  
The Research Department of English  
Sadakathullah Appa College  
(Autonomous)  
Tirunelveli – 627 011.



Internal Examiner



External Examiner

**Place:** Tirunelveli

**Date:** 06.05.2021.

# Slavery and Time Travel in Octavia E. Butler's *Kindred*- An Analysis

A Project work

Submitted to Sadakathullah Appa College (Autonomous)

In partial fulfillment of the requirements for the award of the Degree of

**BACHELOR OF ARTS**

**IN**

**ENGLISH**

***SUBMITTED BY***

**R. JOYLIN UMA**

**ROLL.NO: 18AEN30**

*Under the Guidance of*

**Mr. S. KHALEEL AHAMED M.A., M.Phil, B.Ed., NET,**

Assistant Professor of English



Research Department of English

Sadakathullah Appa College (Autonomous)

Tirunelveli -627 011

**April 2021**



**Research Department of English**  
**Sadakathullah Appa College (Autonomous)**  
**Rahmath Nagar, Tirunelveli- 627 011**

**DECLARATION**

I hereby declare that the Project work entitled “ **Slavery and Time Travel in Octavia E. Butler’s *Kindred* – An Analysis**” is my original work, done under the guidance of **Mr. S. KHALEEL AHAMED, M.A., M.Phil., B.Ed., NET**, Assistant Professor of English, Research Department of English, Sadakathullah Appa College (Autonomous), Tirunelveli- 627 011, and it has not previously formed the basis for the award of any other Degree, Diploma or similar title of any other Institution or University.

**NAME OF THE CANDIDATE**

**ROLL NO.**

**SIGNATURE**

R. JOYIN UMA

18AEN30

*Joylin*

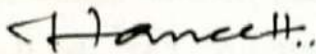
Place: Tirunelveli

Date: 30.4.2021

**Research Department of English**  
**Sadakathullah Appa College (Autonomous)**  
**Rahmath Nagar, Tirunelveli- 627 011**

**CERTIFICATE**

This is to certify that the project work entitled “ **Slavery and Time Travel in Octavia E. Butler’s *Kindred* – An Analysis**” is an original work done by R. JOYLIN UMA (18AEN30) in partial fulfillment of the requirements for the award of the Degree of Bachelor of Arts in English during the academic year 2020-2021.



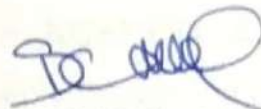
**Dr. S. MOHAMMED HANEEF**

Head of the Department

The Research Department of English

Sadakathullah Appa College (Autonomous)

Tirunelveli – 627 011.



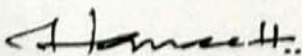
**Mr.S. KHALEEL AHAMED**

Assistant Professor

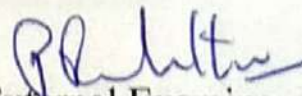
The Research Department of English

Sadakathullah Appa College (Autonomous)

Tirunelveli – 627 011.



Internal Examiner 06.05.2021.



External Examiner

Place : Tirunelveli



**THE VICTORY OF THE HUMAN SPIRIT IN SEBASTIAN JUNGER'S  
THE PERFECT STORM**

A Project work submitted to **SADAKATHULLAH APPA COLLEGE  
(AUTONOMOUS)** in partial fulfillment of the requirement for the award of  
the degree of

**BACHELOR OF ARTS IN ENGLISH**

Submitted by  
**A.S.Anusha**  
**18SEN07**

Under the Guidance of  
**Prof. Shanthi Kumari Pushpa M.A.,M.Phil.,M.Ed.**  
Assistant professor



**Department of English (Unaided)**  
**Sadakathullah Appa college(Autonomous)**  
**Tirunelveli-627011.**

**MAY 2021**

## DECLARATION

I hereby, declare that the projection entitled **THE VICTORY OF THE HUMAN SPIRIT IN SEBASTIAN JUNGER'S THE PERFECT STORM** submitted by **A.S.ANUSHA** to Sadakathullah Appa College (Autonomous), Tirunelveli for the award of the Degree of Bachelor of Arts in English and it has not been the part for the award of any other degree. It is entirely my original work.

Name of the Student

Register Number

Signature of the Student

A.S.Anusha

18SEN07



Place: Tirunelveli.

Date: 29.04.2021.

**SAGA OF SURPANAKHA: A CRITICAL STUDY OF KAVITA KAN'E  
LANKA'S PRINCESS**

A project submitted to **SADAKATHULLAH APPA COLLEGE  
(AUTONOMOUS)** in partial fulfillment of the requirements for  
the award of the degree of  
**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**M. MUTHU KANAGA SANGEETHA 18SEN13**

Under the Guidance of

**Prof. Mrs. M. BENAZIR NUZRATH, M.A., M.Phil., SET.,**

**ASSISTANT PROFESSOR OF ENGLISH**



**UG DEPARTMENT OF ENGLISH (UNAIDED)  
SADAKATHULLAH APPA COLLEGE (AUTONOMOUS)  
TIRUNELVELI - 627011**

**May - 2021**

## DECLARATION

I hereby, declare that the project entitled **SAGA OF SURPANAKHA: A CRITICAL STUDY OF KAVITA KAN'E LANKA'S PRINCESS** submitted by **M. MUTHU KANAGA SANGEETHA (18SEN13)** to Sadakathullah Appa College (Autonomous), Tirunelveli for the award of the Degree of **BACHELOR OF ARTS IN ENGLISH** and it has not been the part for the award of any other degree. It is entirely my original work.

**Name of the student**

**M. Muthu Kanaga Sangeetha**

**Place: Tirunelveli**

**Date: 28-04-21**

  
**Signature of the student**



**AN ANALYSIS OF THE THEMES OF CARING AND COURAGE IN**

**E. NESBIT'S THE RAILWAY CHILDREN**

A project work submitted to Sadakathullah Appa College in partial fulfillment

of the requirements for the award of the degree of

**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**N. P. ATHITHYA PARAMESH**

**Reg No: 18SEN40**

Under the Guidance of

**Mrs M. A. BADARUNNISA BEGUM M. A., M. Ed., M. Phil.**

**Assistant Professor of English**



**UG DEPARTMENT OF ENGLISH (UNAIDED)**

**SADAKATHULLAH APPA COLLEGE (AUTONOMOUS)**

**TIRUNELVELI – 627001**


**MAY 2021**

## CERTIFICATE

This is to certify that this project titled **AN ANALYSIS OF THE THEMES OF CARING AND COURAGE IN E. NESBIT'S THE RAILWAY CHILDREN** is an original work done by N. P. Athithya Paramesh (18SEN40) at the UG Department of English (unaided), Sadakathullah Appa College (Autonomous), Tirunelveli-627011, under the guidance of Mrs. M. A. Badarunnisa Begum M. A., M.Ed., M.Phil., Assistant Professor of English, Sadakathullah Appa College (Autonomous) and submitted in partial fulfillment of the requirements for the award of the Degree of Bachelor of Arts in English.


**PLACE:** Tirunelveli

**DATE:**

  
**Dr L. Faustina Leo M. A., M. Ed.,**  
**M. Phil., PhD**

Head of the Department of English,  
Sadakathullah Appa College.

Internal Examiner

  
**Mrs M. A. Badarunnisa Begum**  
**M. A., M. Ed., M. Phil.**

Guide and Assistant Professor,  
Sadakathullah Appa College.

External Examiner



# **J. D. SALINGER'S THE CATCHER IN THE RYE AS A SOCIAL SATIRE**

A project submitted to Sadakathullah Appa College in partial  
fulfillment of the requirements for the award of the degree of  
**BACHELOR OF ARTS IN ENGLISH**

Submitted by  
**V. NITHIYANANDHAN**  
Reg. No: 18SEN54

Under the Guidance of  
**Mrs S. SELVI, M. A., M. Phil., SET**  
**ASSISTANT PROFESSOR OF ENGLISH**



**UG DEPARTMENT OF ENGLISH (UNAIDED)**  
**SADAKATHULLAH APPA COLLEGE (AUTONOMOUS)**  
**TIRUNELVELI - 627001**

**MAY - 2021**

## CERTIFICATE

This is to certify that the dissertation titled **J. D. SALINGER'S THE CATCHER IN THE RYE AS A SOCIAL SATIRE** is an original work done by **V.NITHIYANANDHAN (18SEN54)** at the Department of English, (unaided) Sadakathullah Appa College (Autonomous), Tirunelveli-627011, under the guidance of **Mrs S. SELVI, M.A., M.Phil., SET** Assistant Professor of English, Sadakathullah Appa College (Autonomous) and submitted in partial fulfillment of the requirements of the award of the Degree of Bachelor of Arts in English.

**PLACE:** Tirunelveli

**DATE:**

**Dr. L. FAUSTINA LEO M. A., M. Ed.,**

**M. Phil., Ph.D.**

Head of the Department of English,

Sadakathullah Appa College.

  
**Mrs S. SELVI M. A., M. Phil., SET**

Guide and Assistant Professor,

Sadakathullah Appa College.

**Internal Examiner**

**External Examiner**

# TIME TABLE GENERATOR

A dissertation submitted to partial fulfilment of the requirements  
For the award of the degree of

## BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY 2018 – 2021

Submitted By

M.AL AMEEN

- 18SIT05

Under the Guidance of

Prof .R . Spurgen Ratheash, MCA., M.Phil., M.Tech.,

Assistant Professor & Head, Department of Information Technology  
Sadakathullah Appa College, Tirunelveli.



Golden Jubilee Year  
1971-2021



DEPARTMENT OF INFORMATION TECHNOLOGY  
SADAKATHULLAH APPA COLLEGE (AUTONOMOUS)

(Reaccredited by NAAC at an 'A' Grade with a CGPA of 3.40 in the III cycle & an  
ISO 9001:2015 Certified Institution)

Tirunelveli – 627 011

MAY - 2021

## DECLARATION

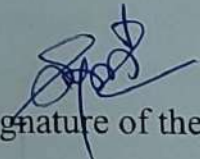
I hereby, declare that the project work done for the award of the degree of **BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY** on "TIME TABLE GENERATOR" is our original work. The data and report submitted are true and correct to the best of our knowledge.

*M. Al Ameen*

Signature of the candidate(s)

**M.AL AMEEN**

I certify that the declaration made above by the candidate(s) is true

  
Signature of the Guide

**Prof. R . Spurgen Ratheash, MCA., M.Phil., M.Tech.,**



# **BIKE SERVICE BOOKING SYSTEM**

A dissertation submitted to partial fulfilment of the requirements  
For the award of the degree of

## **BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY 2018 – 2021**

**Submitted By**

**S.MOHAMED SHAMEERKHAN - 18SIT22**

**Under the Guidance of**

**Prof .R . Spurgen Ratheash, MCA., M.Phil., M.Tech.,**

Assistant Professor & Head, Department of Information Technology  
Sadakathullah Appa College, Tirunelveli.



**DEPARTMENT OF INFORMATION TECHNOLOGY  
SADAKATHULLAH APPA COLLEGE (AUTONOMOUS)**

(Reaccredited by NAAC at an 'A' Grade with a CGPA of 3.40 in the III cycle & an  
ISO 9001:2015 Certified Institution)

Tirunelveli – 627 011

**MAY - 2021**

## DECLARATION

I hereby, declare that the project work done for the award of the degree of **BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY** on "**BIKE SERVICE BOOKING SYSTEM**" is our original work. The data and report submitted are true and correct to the best of our knowledge.

*S. mohamed Shameer Khan*

Signature of the candidate(s)

**S.MOHAMED SHAMEERKHAN**

I certify that the declaration made above by the candidate(s) is true

*Spurgen*  
Signature of the Guide

**Prof. R . Spurgen Ratheash, MCA., M.Phil., M.Tech.,**

# **STOCHASTIC PROCESSES**

A project submitted to Sadakathullah Appa College (Autonomous) in  
partial fulfillment of the requirements for the award of the Degree

**BACHELOR OF SCIENCE**

**IN**

**MATHEMATICS**

Submitted by

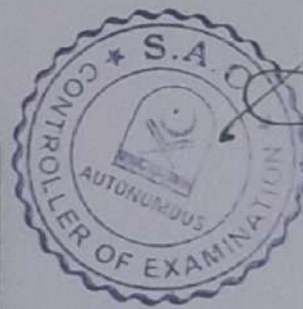
**M. Aarthi 18SMA08**

Under the guidance of

**Ms R.Hepziba Anita B.Ed., M.Sc., M.Phil., SET**

Assistant Professor

Department of Mathematics (Unaided)



**SADAKATHULLAH APPA COLLEGE**

**(AUTONOMOUS)**

**TIRUNELVELI – 627 011**

Re-accredited by NAAC at an 'A' Grade with a CGPA of 3.40 out of 4.0 in the

III Cycle and ISO 9001:2015 Certified Institution

APRIL – 2021



**COMPARATIVE STUDY OF MORPHOLOGICAL  
CHARACTERS AND DNA SEQUENCING OF GUT MICROBES  
IN EARTHWORM (*LAMPITO MAURITII*) FED WITH TWO  
DIFFERENT FEEDING CONDITIONS**

A project work submitted to

Sadakathullah Appa College (Autonomous)

Affiliated to Manonmaniam Sundaranar University

In partial fulfillment of the requirement for the degree of

**BACHELOR OF SCIENCE IN ZOOLOGY**

Submitted by

Name

Reg. No.

**K.S.UMA BHARATHI – 18AZO23**



**DEPARTMENT OF ZOOLOGY**

**SADAKATHULLAH APPA COLLEGE (AUTONOMOUS)**

**Rahmath Nagar, Tirunelveli-11**

**APRIL – 2021**



**2.2.1**

**NPTEL ACHIEVERS**

## LIST OF NPTEL ACHIEVERS (2018-2021)

Advanced Learners learn courses from SWAYAM NPTEL, take their examinations and get the certification. The details are as follows;

Course Name	Roll No.	Name	Role	Score from Assignment	Exam score	Final score	Certificate type	Proof
Introduction to Abstract and Linear Algebra	NPTEL18 MA16S12 080370	Ayesha Parveen P	Student	20.83	55.50	76%	Elite	<a href="https://sada.kath.ac.in/nptel_1.php">https://sada.kath.ac.in/nptel_1.php</a>
Big Data Computing	NPTEL19 CS33S321 70139	Nagoor Meeral A	Student	24.08	58.50	83%	Elite + Silver	
Post Colonial Literature	NPTEL19 HS29S118 90183	M Sumathy	Student	23.25	69	92%	Elite + Gold	
Enhancing Soft Skills and Personality	NPTEL19 HS22S321 70017	Anusha Kumari Pushkala S	Student	21.96	58.5	80	Elite + Silver	
Speaking Effectively	NPTEL19 HS21S118 90157	I Iswarya	Student	21.50	60.75	82	Elite + Silver	
Enhancing Soft Skills and Personality	NPTEL20 hs10S124 20223	Arputhalakshmi Ujjaini P	Student	25	72.75	98%	Elite + Gold	
Developing Soft Skills and Personality	NPTEL20 HS43S824 2034	Jeffrin Fahmitha M H	Student	23.71	64.52	88%	Elite + Silver	
Developing Soft Skills and Personality	NPTEL20 HS43S824 20350	Jesmi Jane A	Student	23.96	64.33	88%	Elite + Silver	
Enhancing Soft Skills and Personality	NPTEL20 HS10S224 20080	Majiyathul Afrina S	Student	25	64.5	90%	Elite + Gold	
Developing Soft Skills and Personality	NPTEL20 HS43S824 20133	Rihana Firdouz Mohamed	Student	23.79	71.45	95%	Elite + Gold	

Developing Soft Skills and Personality	NPTEL20 HS43S818 40159	Ajeetha	Student	22.33	57.14	79	Elite + Silver	
Developing Soft Skills and Personality	NPTEL20 HS43S824 20232	Aseela	Student	23.46	52.83	76	Elite + Silver	
Developing Soft Skills and Personality	NPTEL20 HS43S824 20070	Abdul Wadood	Student	23.50	53.39	77	Elite + Silver	
Developing Soft Skills and Personality	NPTEL20 HS43S824 20235	Ahamed Asma P	Student	23.54	51.63	75	Elite + Silver	
Developing Soft Skills and Personality	NPTEL20 HS43S824 20160	Ahamed Bilal	Student	22.88	53.13	76	Elite + Silver	
Developing Soft Skills and Personality	NPTEL20 HS43S824 20183	B Ambuja Priya	Student	23.33	54.26	78	Elite + Silver	
Developing Soft Skills and Personality	NPTEL20 HS43S824 20192	A Angelin Blessina	Student	23.54	56.63	80	Elite + Silver	
Developing Soft Skills and Personality	NPTEL20 HS43S824 20223	Arumugam C	Student	22.88	54.88	78	Elite + Silver	
Developing Soft Skills and Personality	NPTEL20 HS43S824 20255	Aseelah Jumana M	Student	18.00	65.81	84	Elite + Silver	
Developing Soft Skills and Personality	NPTEL20 HS43S824 20239	Azra Zakeenath A	Student	22.83	60.45	83	Elite + Silver	
Developing Soft Skills and Personality	NPTEL20 HS43S824 20568	Shenaz Begum A	Student	23.83	52.64	76	Elite + Silver	

Developing Soft Skills and Personality	NPTEL20 HS43S824 20281	E Elaya Rama	Student	22.50	55.19	78	Elite + Silver	
Developing Soft Skills and Personality	NPTEL20 HS43S824 20050	A Fathima Razina	Student	22.88	53.65	77	Elite + Silver	
Developing Soft Skills and Personality	NPTEL20 HS43S824 20297	Fathima Rizana M	Student	22.13	52.95	75	Elite + Silver	
Developing Soft Skills and Personality	NPTEL20 HS43S824 20346	Jannathul Roshan Sabika	Student	22.29	52.70	75	Elite + Silver	
Developing Soft Skills and Personality	NPTEL20 HS43S824 20310	Hajara Musfika	Student	20.58	54.08	75	Elite + Silver	
Developing Soft Skills and Personality	NPTEL20 HS43S824 20430	Murugan S	Student	21.21	59.27	80	Elite + Silver	
Developing Soft Skills and Personality	NPTEL20 HS43S824 20571	Nilo Sherin	Student	17.96	65.88	84	Elite + Silver	
Developing Soft Skills and Personality	NPTEL20 HS43S824 20174	K Nivetha	Student	23.79	60.19	84	Elite + Silver	
Developing Soft Skills and Personality	NPTEL20 HS43S824 20319	M R Shamya Hasin	Student	22.04	55.51	78	Elite + Silver	
Developing Soft Skills and Personality	NPTEL20 HS43S824 20566	Mohamed Sharug Anvar	Student	22.83	54.14	75	Elite + Silver	
Developing Soft Skills and Personality	NPTEL20 HS43S824 20615	C Swetha	Student	22.33	59.13	81	Elite + Silver	

Enhancing Soft Skills and Personality	NPTEL20 HS10S224 20008	P Aarthi	Student	24.33	54.75	79	Elite + Silver	
Enhancing Soft Skills and Personality	NPTEL20 HS10S224 20020	Abinaya S	Student	24.33	55.5	80	Elite + Silver	
Enhancing Soft Skills and Personality	NPTEL20 HS10S224 20100	P M Ashifa Balkees	Student	24.50	57.75	82	Elite + Silver	
Enhancing Soft Skills and Personality	NPTEL20 HS10S224 20046	Durga Devi G	Student	23.33	54	77	Elite + Silver	
Enhancing Soft Skills and Personality	NPTEL20 HS10S224 20088	Fathima Mubeena M	Student	24.17	52.5	77	Elite + Silver	
Enhancing Soft Skills and Personality	NPTEL20 HS10S224 20084	Mohamed Ghouse Meeran S	Student	17.79	58.5	76	Elite + Silver	
Enhancing Soft Skills and Personality	NPTEL20 HS10S224 20139	S Sri Harini	Student	23.17	54.75	78	Elite + Silver	
Enhancing Soft Skills and Personality	NPTEL20 HS10S224 20106	Jecinta Bell R	Student	24.50	57	82	Elite + Silver	
Enhancing Soft Skills and Personality	NPTEL20 HS10S224 20068	A Jeya Sakthi	Student	24.67	50.25	75	Elite + Silver	
Enhancing Soft Skills and Personality	NPTEL20 HS10S224 20054	G Kathija Begam	Student	24.67	54	79	Elite + Silver	
Enhancing Soft Skills and Personality	NPTEL20 HS10S224 20189	Maharajalaks hmi S	Student	19.63	63	83	Elite + Silver	

Enhancing Soft Skills and Personality	NPTEL20 HS10S224 20052	Manju G	Student	25.00	58.5	84	Elite + Silver	
Enhancing Soft Skills and Personality	NPTEL20 HS10S224 20149	Muthu Mari U	Student	25.00	51	76	Elite + Silver	
Enhancing Soft Skills and Personality	NPTEL20 HS10S224 20094	Nazrin Fathima N	Student	24.00	56.25	80	Elite + Silver	
Enhancing Soft Skills and Personality	NPTEL20 HS10S224 20096	Mohammed Noojahan	Student	24.67	52.5	77	Elite + Silver	
Enhancing Soft Skills and Personality	NPTEL20 HS10S224 20276	Rajalakshmi S	Student	22.50	53.25	76	Elite + Silver	
Enhancing Soft Skills and Personality	NPTEL20 HS10S224 20111	S Rizwana Parveen	Student	24.33	56.25	81	Elite + Silver	
Enhancing Soft Skills and Personality	NPTEL20 HS10S224 20004	Saranya A	Student	22.00	65.25	87	Elite + Silver	
Enhancing Soft Skills and Personality	NPTEL20 HS10S224 20115	K Sasi Bharathi	Student	24.67	53.25	78	Elite + Silver	
Enhancing Soft Skills and Personality	NPTEL20 HS10S224 20074	S Shanmuga Priya	Student	24.83	58.5	83	Elite + Silver	
Enhancing Soft Skills and Personality	NPTEL20 HS10S224 20127	Sindhu M	Student	24.67	61.5	86	Elite + Silver	
Enhancing Soft Skills and Personality	NPTEL20 HS10S224 20129	Siva Ambika R	Student	20.58	54.75	75	Elite + Silver	

Enhancing Soft Skills and Personality	NPTEL20 HS10S218 40042	Sivakumar U	Student	24.17	51	75	Elite + Silver	
Enhancing Soft Skills and Personality	NPTEL20 HS10S224 20137	S Sowthal Karishma	Student	24.83	56.25	81	Elite + Silver	
Enhancing Soft Skills and Personality	NPTEL20 HS10S224 20062	J syed Ali Fathima	Student	24.17	54	78	Elite + Silver	
Enhancing Soft Skills and Personality	NPTEL20 HS10S124 20194	N Thiruchittambalam	Student	24.50	54	75	Elite + Silver	
Introduction to Marketing Essentials	NPTEL20 MG61S32 420296	Abuthahir M	Student	25.00	54	79	Elite + Silver	
The Psychology of Language	NPTEL20 ME86S62 420083	M Ambika	Student	22.08	58.5	81	Elite + Silver	
Introduction to Marketing Essentials	NPTEL20 MG61S32 420038	Izzath Fathima T	Student	24.17	51	75	Elite + Silver	
The Psychology of Language	NPTEL20 ME86S62 420132	Kalidhafathima	Student	20.83	63	84	Elite + Silver	
Introduction to Marketing Essentials	NPTEL20 MG61S32 420231	Nasreen Rani R	Student	24.17	57	81	Elite + Silver	
The Psychology of Language	NPTEL20 ME86S62 420075	Poornima	Student	20.21	58.5	79	Elite + Silver	
Entrepreneurship and IP Strategy	NPTEL20 HS66S824 20487	N Mohamed Rasheen Ali	Student	23.75	61.5	85	Elite + Silver	
Soft skills for business negotiations and marketing strategies	NPTEL20 MG39S52 420113	N Mohamed Rasheen Ali	Student	22.50	52	75	Elite + Silver	

History of English Literature	NPTEL20 HS52S824 20284	Risana S	Student	25.00	50.31	75	Elite + Silver	
History of English Literature	NPTEL20 HS52S824 20342	Sebastian Romi R	Student	22.50	53.25	76	Elite + Silver	
The Psychology of Language	NPTEL20 ME86S62 420191	Thowfica A	Student	22.08	60	82	Elite + Silver	



## PLAGIARISM CERTIFICATE

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# Curiginal

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Submitter email	grajarajan@hotmail.com
Similarity	2%
Analysis address	grajarajan.annauniv@analysis.urkund.com

### Sources included in the report

  
Principal

PRINCIPAL  
SADAKATHULLAH APPA COLLEGE  
Rahmath Nagar, TIRUNELVELI - 627 011.