



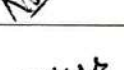

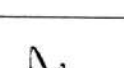

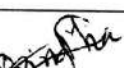
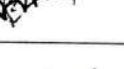
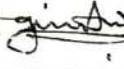

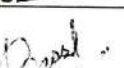


PAZHASSIRAJA COLLEGE PULPALLY

Department of English

List of Project Submitted March 2023

Sl No	Register No	Name of the Student	Title of the Project	Signature of the Student
1	PZAUAEGR01	ANN MARIYA	Theory of Trauma and Grief in John Green's <i>The Fault in Our Stars</i>	
2	PZAUAEGR02	AVISHNA C K	Feminism in Jude Anthony Joseph's <i>Sara's</i>	
3	PZAUAEGR03	DILSHA C	A Dalit Perspective of the film <i>Jai Bhim</i>	
4	PZAUAEGR04	NANDHANA NARENDRAN	Psycho Analytic Theory in the movie <i>The Uninvited</i>	
5	PZAUAEGR05	RITHUPARNNA E S	Diasporic immigration in Gabriela Garcia's <i>Of Women and Salt</i>	
6	PZAUAEGR06	VISMAYA M	Gender Inequality and Domestic Violence in <i>Veruthe Oru Bharya</i> by Akku Akbar	
7	PZAUAEGR07	VRINDHA BENNY	Representation of Women in Jahnvi Barua's <i>Rebirth</i>	
8	PZAUAEGR08	AGIN ROSH SAJI	Loneliness in the movie <i>Her</i> by Spike Jonze	
9	PZAUAEGR09	AKSHAI BINU	Portrayal of Subaltern in Khaled Hosseini's <i>A Thousand Splendid Suns</i>	
10	PZAUAEGR10	BASIL PAUL MATHEW	Cultural Misbeliefs and Practice of Animism In Mel Gibson's <i>Apocalypto</i>	
11	PZAUAEGR11	GODVIN JOY	The Theme of Redemption in Khaled Hosseini's <i>The Kite Runner</i>	
12	PZAUAEGR12	MUKALEL JESWIN JINCE	Psycho Analytic Reading Of Mary Harron's <i>American Psycho</i>	
13	PZAUAEGR13	ANUGRAHA P	A reading of the film <i>The Great Indian Kitchen</i> through liberal feminism	

14	PZAUAEGRI4	APARNA S N	Representation of Queer in <i>Njan Marykutty</i> by Ranjith Sankar	<i>Apar</i>
15	PZAUAEGRI5	GOURI NANDANA	The theme of Slavery in Steve McQueen's <i>12 years a Slave</i>	<i>G.N.N.</i>
16	PZAUAEGRI6	NEENU CHACKO	Existence of Women In Jaishree Misra's <i>Ancient Promises</i>	<i>Neenu</i>
17	PZAUAEGRI7	NITHYA V M	A feministic reading of the movie <i>Uyare</i> by Manu Ashokan	<i>Nithya</i>
18	PZAUAEGRI8	PRAVITHA M J	The question of identity in Paulo Coelho's <i>The Witch of Portobello</i>	<i>Pravij</i>
19	PZAUAEGRI9	SIYA SHIBU	The struggle for existence in John Green <i>The Fault In Our Stars</i> in the light of Existentialism	<i>Siya</i>
20	PZAUAEGRI20	SOUPARNIKA C G	Racism in Ta-Nehisi Coates's <i>Between the World and Me</i>	<i>SA</i>
21	PZAUAEGRI21	SRIYA SREENIVASAN	Sexual violence in <i>Sleeping on Jupiter</i> by Anuradha Roy	<i>Sriya</i>
22	PZAUAEGRI22	STEPHY P S	Memory and Nostalgia in Ishiguro's <i>Never Let Me Go</i>	<i>Stephy</i>
23	PZAUAEGRI23	VISMAYA P B	The Portrayal of Spritual Growth in Paulo Coelho 's <i>Aleph</i>	<i>Vismi</i>
24	PZAUAEGRI25	AKSHAY K M	The study about Queer Lives represented in Malayalam Cinema based on Geetu Mohandas's <i>Moothon</i>	<i>Akshay</i>
25	PZAUAEGRI26	ANTO	Effects of Colonisation and Post-Colonisation in Adichie's <i>Half Of A Yellow Sun</i>	<i>Anto</i>
26	PZAUAEGRI27	ARJUN S	Gender Discrimination and Gender Stereotypes in <i>Gone Girl</i>	<i>Arjun</i>
27	PZAUAEGRI28	LEANARDO SAJI	Hannah Baker's Egoistic suicide in <i>Thirteen Reasons Why</i>	<i>Leandro</i>

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Remesh. K.G.

Remesh

PULPALLY-673370

FEMINISM IN JUDE ANTHONY JOSEPH'S

SARA'S

Project report submitted in partial fulfillment of the requirement for the
award of Degree of Bachelor of Arts in English of the university of
Calicut

By

AVISHNA CK

PZAUAAGR02

Under the guidance of

MS. DAYONA KURIYAN

Assistant professor

Department of English

Pazhassiraja college pulpally, Wayanad

Ramesh K.G.



Dr. Ramesh K.G. MA, MPhil, PhD
Assistant Professor
Department of English
St. Mary's College
Sulthan Bathery-673 592

MARCH 2023

DEPARTMENT OF ENGLISH

PAZHASSIRAJA COLLEGE PULPALLY

WAYANAD KERALA


CERTIFICATE

This is to certify that the project entitled "**FEMINISM IN JUDE ANTHONY JOSEPH'S SARA'S**" is a Bonafide record of the studies and research carried out by **Ms. AVISHNA CK** during the period 2022-2023 of her study in the department of English Pazhassiraja college pulpally, Wayanad under my supervision and guidance submitted to the university of Calicut in partial fulfillment of the requirement of the degree of bachelor of arts in English.

Guide


Ms. Dayona kuriyan

Assistant professor
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Ms. Josena K Joseph

Assistant professor & head
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Viva voce held on

Examiner:


1:

2:



PAZHASSIRAJA COLLEGE PULPALLY
DEPARTMENT OF JOURNALISM AND MASS COMMUNICATION
STUDENTS LIST

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1	ASWIN KRISHNA PM
2	AAVANI SS
3	ADITHYA T
4	AMAL THAHANA
5	ANMARIYA JOSEPH
6	ASWATHI MP
7	DEVATHEERTHA O
8	DILNA MANOJ TP
9	MONISHA MANOJ E K
10	NAJA NASRIN
11	NANDANA MM
12	NEHA MARIYA BABY
13	PRANAYA RAJEEV
14	ALAN DAS
15	AMALJITH VS
16	ASHIN M
17	MUHAMMED HAFIZ
18	SRITHIN CHANDRAN E


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Media Visit Report

Introduction

On 2022 December 12,13,14, third semester (2021-2024 Batch) 18 degree students from the department of Journalism and Mass Communication at Pazhassiraja College, Pulpally embarked on a field trip to explore various media organizations. This trip aimed to provide students with firsthand experience of the media landscape, its diverse operations, and the inner workings of news production.

Visited Organizations

The trip itinerary included visits to a variety of media outlets, including:

Malayala Manorama Newspaper Ltd. Calicut

Channel Kerala Online news, Kochi

Activities and Highlights

At each organization, students participated in engaging activities that provided valuable insights into the media industry. Here are some highlights:

- **Tours:** Students were given guided tours of the media facilities, observing newsrooms, studios, control rooms, and production areas.
- **Presentations:** Media professionals delivered presentations on topics such as journalism ethics, content creation, media convergence, and the impact of social media.
- **Interactive Sessions:** Students had the opportunity to interact with journalists, editors, producers, and other media personnel. They asked questions about career paths, daily operations, and the challenges and rewards of working in media.
- **Hands-on Activities:** Depending on the media outlet, students may have participated in hands-on activities such as:
 - Learning about camera operation


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- Observing live broadcasts
- Participating in newsroom simulations

Outcomes and Learning

This media visit proved to be a valuable learning experience for the students. They gained a deeper understanding of:

- The different types of media organizations and their operations
- The journalistic process from news gathering to content dissemination
- The impact of media on society
- The importance of communication skills and critical thinking in the media industry

Overall, the media visit was a resounding success. It provided students with a unique opportunity to engage with the media industry and gain valuable insights that will enhance their academic pursuits and future careers.


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Pazhassi Raja College
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Department of Journalism and Mass Communication
Pazhassiraja College, Pulpally
MA JMC Project Details 2021- 2022

Registration No	Name of the student	Title of the dissertation	Name of the guide
PZAUMJC001	Afeef Raheem V	Impact covid-19 pandemic on Youtube viewership and channel initiation among college students	Dr. Jobin Joy
PZAUMJC002	Ahalya K	Impact of television advertising on consumer's buying behaviour	Shobin Mathew
PZAUMJC003	Akshai Kumar	A detailed analysis on the acceptance of theatrical and OTT releases among youngsters of Kalpetta municipality	Shobin Mathew
PZAUMJC004	Akshay Dhan Joshy	The impact of inspired cinemas in Malayalam industry; with special reference to big-b and four brothers, breathless and Mayaanadhi	Mr. Shobin Mathew
PZAUMJC005	Amalu Sharley	The changing perspective of Malayalam Cinema audience from only accepting super star movies to accepting any type of movies with good entertainment value	Mr. Shobin Mathew
PZAUMJC006	Amritha George	The influence of asmr food videos among youngsters and the changes in their eating behavior and lifestyle	Dr Jobin Joy
PZAUMJC007	Amruthanand E	A detailed analysis on the effectiveness of Meesho's product marketing through Instagram	Dr. Jobin Joy
PZAUMJC008	Anuja G Kumar	The influence of online education among lower primary students during covid-19 pandemic in the pulpally grama panchayat	Dr. Jobin Joy
PZAUMJC009	Arya.P	Effects of television advertisements on children and a detailed analysis from their parent's perspective	Jobin
PZAUMJC010	Faseela T	A study on the effects of community radio stations on tribal development with special focus on Radio Mattoli and Paniya tribes	Lincy Joseph
PZAUMJC011	Gautham Krishna	A comprehensive analysis on the influence of Latin American cinema over Malayalam cinema	Mr. Shobin Mathew
PZAUMJC012	Mubashira V. K	A case study analysis on the attitude of public towards transgender community through social media	Dr Jobin Joy
PZAUMJC013	Radhika Mb	A study on the influence of women magazines in Kerala	Ms. Lincy Joseph

PZAUMJC014	Rajath V	Portrayal of human rights violation among the lower caste in Tamil cinema and its influence among audience with special reference to Jai Bhim	Mr. Shobin Mathew
PZAUMJC015	Sandra O M	Influence of social media on the acceptance and usage of menstrualcup among students under university of Calicut	Lincy Joseph
PZAUMJC015	Saranya C V	An overview of virtual and augmented reality: The new digital trends used in films	Mr. Shobin Mathew
PZAUMJC017	Saranya Ks	The influence of hashtag campaigns on social media among youth	Lincy Joseph
PZAUMJC018	Sathchind P K	The influence of social media among college students in gathering local news from whatsapp groups	Dr. Jobin Joy



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**A STUDY ON THE IMPACT OF TELEVISION
ADVERTISEMENTS ON CONSUMERS' BUYING
BEHAVIOUR**

A study submitted to the Department of Mass Communication and Journalism,
Pazhassiraja College, Pulpally, University of Calicut in partial fulfilment of the
requirements of the award of the Degree of Masters of Arts in Journalism and Mass
Communication

AHALYA K

Reg. No: PZAUMJC002

Under the Guidance of

Mr. SHOBIN MATHEW

(Assistant Professor, Department of Mass Communication and Journalism)



**Department of Mass Communication and Journalism
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2020-2022

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(Affiliated to University of Calicut, NAAC accredited with
'B' grade) Web: www.pazhassirajacollege.ac.in

CERTIFICATE

This is to certify that the dissertation entitled **A STUDY ON THE IMPACT OF TELEVISION ADVERTISEMENTS ON CONSUMERS' BUYING BEHAVIOUR** is a bonafide record of work carried out by **AHALYA. K (Reg. No. PZAUMJC002)** under my guidance in partial fulfilment of a requirement for the Degree of Masters of Arts in Journalism and Mass Communication, in the Department of Mass Communication and Journalism, and that no part of this has been submitted earlier for the award of any Degree/ Diploma/ Fellowship or similar title to any candidate of any other Institutions or universities.

Amya K
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Mr. SHOBIN MATHEW
GUIDE

Place *Pulpally*

Date *1/9/22*

(Internal Examiners)

(External Examiners)

1.

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Sreekutty S

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2. ANEESH M. DAS

Aneesh M. Das

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**THE IMPACT COVID -19 PANDEMIC ON YOUTUBE
VIEWERSHIP AND CHANNEL INITIATION AMONG
COLLEGE STUDENTS**

*A study submitted to the Department of Mass Communication and
Journalism, Pazhassiraja College, Pulpally, University of Calicut in partial
fulfilment of the requirements of the award of the Degree of Masters in
Journalism and Mass Communication*

AFFEEF RAHEEM V

Reg. No: PZAUMJC001

Under the guidance of

Dr. JOBIN JOY

(Head of the Department of Mass Communication and Journalism)



Department of Mass Communication and Journalism

Pazhassiraja College, Pulpally

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DEPARTMENT OF MASS COMMUNICATION AND JOURNALISM

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CERTIFICATE

This is to certify that the dissertation entitled **THE IMPACT COVID -19 PANDEMIC ON YOUTUBE VIEWERSHIP AND CHANNEL INITIATION AMONG COLLEGE STUDENTS** is a bonafide record of work carried out **AFEEF RAHEEM V** (Reg. No. **PZAUMJC001**) under my guidance in partial fulfillment of a requirement for the Degree of **Masters in Journalism and Mass Communication**, in the Department of Mass Communication and Journalism, and that no part of this has been submitted earlier for the award of any Degree/ Diploma/ Fellowship or similar title to any candidate of any other Institutions or universities.

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SUPERVISOR
(HOD)

Place. *pulpally*
Date. *01/09/2022*

(Internal Examiner)

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- 2.

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- 2. **ANESH M DAS** *[Signature]*

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BIOCHEMISTRY

UG project details - B.Sc Biochemistry

S No	Guide in Charge	Name of students enrolled	Title of the Project
1.	Mr. Jessin George	Arya AS Adithiya shibu Arjun Shaji Savitha MS Abhi K Nath Arjun Jose	Phytochemical Screening and Evaluation of <i>In Vitro</i> Antioxidant and Antibacterial activity of Ethanolic Leaf Extract of <i>Coleus Zeylanicus</i>
2.	Mr. Aswathy Hari	Nihala Nasri Ashitha S Aswathy Raveendran Saniya siji Akshay Vijayan	Comparitive study on Adulterants in Different Food Samples
3.	Ms. Anita Sebastein	Anagha Varkey Sajla Sherin Amaledhu K S Albin Saju Arjun Vinod	Evaluation of Phytochemicals and Carbohydrate estimation of Ethanolic Extract of <i>Tinospora cordifolia</i> Stem
4.	Dr. Jomet Sebastein	Raveena K R Sana Fathima Shifuvana thahani Abhinandha Vijayan Anjana Krishna Anandjith	Screening of Scikle Cell Anemia Disease and Trait of Paniya Community in Pulpally, Wayanad

Project details PG (2022-2023) - M.Sc Biochemistry

S No	Guide in charge	Name of the student	Topic
1	Dr.jenson jacob Department of Biochemistry, Pazhassiraja college, Pulpally, Wayanad	Alisha Joseph	Pharmacological potentials of different solvent extraction of ziziphus mauritiana
2	Dr Anup Kumar K Professor and Head Department of Biotechnology and Microbiology Kannur University,	Bisma Muhammed	Identification and study of malabar region squid
3	Dr Anup Kumar K Professor and Head Department of Biotechnology and Microbiology Kannur University,	Chandralekha	Overexpression of recombinant protein MSMEG_5136 from <i>Mycobacterium smegmatis</i>
4	Dr.jenson jacob Department of	Hima Mohan T	Physiological activities of <i>Alternanthera sessilis</i> root

	Biochemistry, Pazhassiraja college, Pulpally, Wayanad		
5	Dr. Ramesh S.V Senior Scientist [Biotechnology] Department of Biochemistry/ Physiology, Postharvest technology, ICAR-CPRCI, Kasaragod	Khadeejath Shahina	Biochemical analysis of water deficit stress induced coconut leaf samples
6	DR ANUP KUMAR K Professor and Head Department of Biotechnology & Microbiology Kannur University	Mubeena Moosa C T.S	Screening of novel cry gene from Bacillus thuringiensis species
7	Dr. Sincy Varghese Department of Biochemistry, Pazhassiraja College, Pulpally, Wayanad	Nandana A S	In vitro antidiabetic effects and antioxidant potential of ethanolic leaf extract of blumea mollis (d. don)merr.
8	Dr. Anup Kumar K Department of Biotechnology Microbiology Dr. Janaki Ammal Campus, Kannur University	Pooja T	Expression of msmeg_3935 gene using e.coli bl21de3
9	Dr. ANU AUGUSTINE Associate Professor Department of Biotechnology And Microbiology Kannur University	Sayana V	Cashew apple as a novel substrate for probiotic kombucha fermentation: optimization and biochemical characterization
10	Dr. ANU AUGUSTINE Associate Professor Department of Biotechnology And Microbiology Kannur University	Sayasree N V	Isolation and characterization of multifunctional plant growth-promoting rhizobacteria from a flood- tolerant black pepper rhizosphere for sustainable agriculture
11	Dr. ANU AUGUSTINE Associate Professor Department of Biotechnology And Microbiology Kannur University	Shamna Mustafa	Enhancing the probiotic potential of coconut water through kombucha fermentation optimization and comprehensive biochemical

			characterization
12	Dr.Jomet Sebastine K Department Of Biochemistry,Pazhassiraja College,Pulpally,Wayanad	Arjun K	Clinical analysis among post covid-19 patients





PAZHASSIRAJACOLLEGE PULPALLY

(Aided college Affiliated to University of Calicut) Managed by Malankara Catholic Diocese of Bathery Re-Accredited by NAAC with A+ Grade

BONA FIDE CERTIFICATE

This is to certify that the dissertation entitled "**PHARMACOLOGICAL ACTIVITIES OF VARIOUS SOLVENT EXTRACTS OF *Alternanthera sessilis* ROOT**" is an authentic work done by Ms HIMA MOHAN T (PZAVMBC004) under the supervision and guidance of Dr. JENSON JACOB assistant Professor Department of Biochemistry, Pazhassiraja College Pulpally for the partial fulfillment of the requirement for the Degree of Master of Science in Biochemistry, Pazhassiraja College Pulpally, Wayanad

Head of the Department

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Principal

PRINCIPAL IN CHARGE
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External Examiners

1. Jaseela. K.P

2.



Internship Details

SI No.	Name of students	Institution
1	Amana Fathima A	Neyyar Medicity
2	Aswathi T P	Nenmeni Sudhajala Vitharana Society
3	Athira Thomas	Nenmeni Sudhajala Vitharana Society
4	Jahana Thasneem K P	Kerala state pollution control board,Wayanad
5	Khaleela T P	Pure Wasser Technologies,Vatakara
6	Nandhana P S	Nenmeni Sudhajala Vitharana Society
7	Rasmina T M	Kerala Water Authority,Malaparamba
8	Safeena P	Nenmeni Sudhajala Vitharana Society
9	Sahla Sherin	Kerala Water Authority,Malaparamba
10	Staniya Francis	Karunya clinical laboratory,Meenangadi
11	Swathi V V	Dinesh foods, Kannur



B.P.

Since 1988



DINESH

GST No 32AAAR1021A125

DINESH FOODS

A unit of Kerala Beedi Workers' Central Co-operative Society Ltd
No. 5, West Street
Kannur
Government by Govt. of Kerala

DINESH BAKAVAN, PARYKAMBALAM ROAD, KANNUR DISTRICT, KERALA, INDIA. PIN: 6891 22. PHONE: 2201609, 2201613
E-mail: dineshfoods@gmail.com Website: www.dinesh.com

CERTIFICATE

This is to certify that Ms. SWATHI .V.V First Year M.Sc Biochemistry student of Pazhassiraja College affiliated to Calicut University- Pulpally Wayanad, Kerala has successfully completed her 10 days Internship in *Dinesh Foods Kannur* a unit of Kerala Dinesh Beedi Workers' Central Co - Operative Society Ltd; Kannur

She was very keen interested, well mannered and enthusiastic during the period of training.


SECRETARY

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Department of Microbiology
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B.Sc Microbiology Project-2022-23(2020-23 batch)

Sl. No.	Name	Register No.	Project Topic
1	Aleena Sunil P	PZAUSMB001	Isolation and Identification of oral bacteria of Canine Pets
2	Drishya Madhusoodanan	PZAUSMB002	
3	Keerthana Prasad	PZAUSMB004	
4	Nevin K Baby	PZAUSMB007	
5	Abhinav S	PZAUSMB024	
6	Aleena Joseph	PZAUSMB008	A study on soil fertility and microbiota status of coffee growing regions in Wayanad District
7	Bijisha Biju	PZAUSMB013	
8	Ayana P.P	PZAUSMB011	
9	Abhinav K.K	PZAUSMB023	
10	Akshay Krishnan K.P	PZAUSMB025	
11	Fidha Iliyas	PZAUSMB015	A study on evaluation of soil fertility and microbial population analysis of paddy fields in Wayanad, Kerala
12	Krishnapriya G.R	PZAUSMB018	
13	Nandana K.R	PZAUSMB019	
14	Surya S	PZAUSMB021	
15	Muhammed Anas	PZAUSMB028	
16	Hiba P.K	PZAUSMB003	Isolation and identification of oral bacteria from cat
17	Sandra K	PZAUSMB005	
18	Abhijith A.S	PZAUSMB022	
19	Amith Babu	PZAUSMB006	
20	Jomol K.J	PZAUSMB017	Microbial population analysis and evaluation of soil fertility of Banana fields in Wayanad,Kerala
21	Dhiyana T	PZAUSMB014	
22	Nithya C	PZAUSMB020	
23	Hajira B.N	PZAUSMB016	
24	John Jacob	PZAUSMB027	
25	Arunima P.K	PZAUSMB009	A study on soil fertility and Microbiota Status of Ginger growing regions in Wayanad District
26	Aswani Krishna T	PZAUSMB010	
27	Ayisha Misna Marva	PZAUSMB012	
28	Bibin Baby	PZAUSMB026	

B.P.



Department of Microbiology

M.Sc Microbiology

Student Projects

(2022-2023)

Sl.No	Reg. No	Name	Topic
1	PZAVMMB001	Aiswarya Gopi	NANOENCAPSULATION OF BIOPOLYMER WITH ERYTHROMYCINE FOR DRUG DELIVERY
2	PZAVMMB002	Aiswarya M Anil	DEVELOPMENT OF BIOPOLYMER BASED NANOENCAPSULATION WITH AZITHROMYCIN FOR DRUG DELIVERY
3	PZAVMMB003	Aiswarya P V	FORMULATION OF WAX AND MOISTURIZER USING Aloe barbadensis miller WITH THE BIOPOLYMER EXTRACTION FROM <i>Bacillus</i> sp. AS A VEGITABLE AND FRUIT WAX AS A SKIN MOISTURIZER.
4	PZAVMMB004	Amrutha Rajan M	ISOLATION AND SCREENING OF NOVEL Cry PROTEIN PRODUCING <i>Bacillus Thuringiensis</i> FROM SOIL IN VARIOUS REGIONS OF MALAPPURAM.
5	PZAVMMB005	Anagha K	ISOLATION AND SCREENING OF NOVEL Cry PROTEIN PRODUCING <i>Bacillus Thuringiensis</i> FROM SOIL IN DIFFERENT REGIONS OF KANNUR
6	PZAVMMB006	Anagha S Balan	DEVELOPMENT OF BIOPOLYMER SHEET USING SWEET POTATO (IPOMOEA BATATAS) FOR FRUITS AND VEGITABLES WRAPPRES
7	PZAVMMB007	Anaswara Santhosh	PHARMACOGNOSTIC STUDIES OF CURCUMA CAESIA
8	PZAVMMB008	Aparna S Ramesh	COMPARISON BETWEEN SYNTHETIC AND AGROCHEMICAL WASTE FOR PROTEASE PRODUCTION
9	PZAVMMB009	Aswathi A A	A POTENTIAL L-GLUTAMINASE FROM <i>Klebsiella Pneumoniae</i> ISOLATED FROM SOIL:IN- SILICO ANALYSIS AND STRUCTURAL MODELING.
10	PZAVMMB010	Christeena Rose A P	COMPARITIVE MOLECULAR DOCKING STUDIES OF ALPHA AMYRIN USING AUTODOCK.

11	PZAVMMB011	Hiba Parveen	STUDY ON JUSTICA ADATHODA FOR ITS POTENTIAL PHARMACOLOGICAL ACTIVITIES
12	PZAVMMB012	Megna B Sunith	DEVELOPMENT OF COTTON FABRIC WITH BIOPOLYMER FINISHES FOR SURGICAL AND PATIENT GOWNS, SATISFY THE PHYSICAL, CHEMICAL AND ANTIMICROBIAL PROPERTIES
13	PZAVMMB013	Mirna Parhana	OPTIMIZATION OF CULTURE CONDITIONS FOR PRODUCTION OF THE ANTI-LEUKEMIC L-ASPARAGINASE BY A STREPTOMYCES SPP. USING RESPONSE SURFACE METHODOLOGY
14	PZAVMMB014	Muhsina K M	PHYTOCHEMICAL AND PHARMACOLOGICAL PROFILE OF <i>Vitex negundo</i>
15	PZAVMMB015	Ajal Shaji	ISOLATION OF ALPHA AMYRIN FROM PIGMENTED FUNGI AND ITS APPLICATION STUDIES
16	PZAVMMB016	Sibin P S	ISOLATION OF PIGMENTED FUNGI, CHARACTERISATION OF ITS PIGMENT AND APPLICATION STUDIES



PROJECT DETAILS BBA 2022-23 AY

S.N O	Name	Reg number	Your project title
1	Adithya R Chandran	PZAUBBAR01	A STUDY on employee motivation with special reference to parisons tea estate and industry pvt Ltd
2	Athulya M	PZAUBBAR02	A study on the effectiveness of distribution strategy with special reference to H2O pet packaging co
3	Elby Mariya Benny	PZAUBBAR03	A STUDY ON THE SOCIO ECONOMIC CONDITIONS OF EMPLOYEES
4	Elby Mariya Benny	PZAUBBAR03	A study on the socio economic conditions of workers
5	Jissa p varkey	PZAUBBAR04	A study on employee satisfaction and productivity
6	Megha k k	PZAUBBAR05	EMPLOYEE SATISFACTION WITH SPECIAL REFERENCE TO URALUNGAL LABOUR CONTRACT CO-OPERATIVE SOCIETY .
7	Ashil Varghese	PZAUBBAR06	A STUDY ON QUALITY OF WORK LIFE AMONG THE EMPLOYEES OF SILVER CLOUD ESTATE PRIVATE LIMITED NILGIRI
8	Basil sabu	PZAUBBAR07	CUSTOMERS PERCEPTION AND ATTITUDE TOWARDS KTC AUTOMOTIVE MEENANGADI
9	Yadhu Krishnan A K	PZAUBBAR09	Leadership styles of manager and employees job satisfaction in service industries
10	A alecna Saji	PZAUBBAR11	The role of marketing strategy in determining consumer purchasing behavior
11	Aliya farsana	PZAUBBAR12	A study on effectiveness of marketing strategies and techniques of brahmagiri malabar meat.
12	Anshidha K P	PZAUBBAR13	Study on employees welfare measures in Brahmagiri Development Society
13	ASHITHA SHAJI	PZAUBBAR14	A STUDY ON THE SALES PROMOTION STRATEGIES AT VADAKARA COCONUT FARMERS PRODUCERS COMPANY LTD.
14	Bhavana.T.D	PZAUBBAR15	The study on a Quality of work life among employees in Frontier Indco tea factory Erumad
15	Jyothika Dinesh	PZAUBBAR16	Socio Economic Condition of Workers with Special Reference to Vadakara Coconut Farmers Producer Company
16	Krishna Priya p.m	PZAUBBAR17	A STUDY ON WELFARE MEASURES OF WOMEN EMPLOYEES WITH SPECIAL REFERENCE TO PARISON ESTATES
17	MANJU RAVEENDRAN	PZAUBBAR18	A STUDY ON THE EFFECTIVENESS OF PRODUCT PROMOTIONAL STRATERGIES WITH SPECIAL REFERENCE TO THE COMPAN
18	Vinaya. K. K	PZAUBBAR19	" STUDY ON THE EMPLOYEE WORK ENVIRONMENT SECURITY OF SS HITECH MACHINERIES. OTTAPILAVU "
19	ABHINAV SABU	PZAUBBAR21	A STUDY ON EMPLOYEE SATISFACTION AND EXPECTATION
20	Adarsh vijayan	PZAUBBAR22	A STUDY ON THE CUSTOMER SATISFACTION TOWARDS YAMAHA BIKE AT FRIENDS MOTORS
21	Ajin k shiju	PZAUBBAR23	A study on customer satisfaction with special reference to western ghats holiday home kalpetta
22	Alwin pv	PZAUBBAR24	Stress management of employees
23	Asaier kj	PZAUBBAR25	A stady of marketing strategy of Appoos ice cream
24	Ashvin Wilson	PZAUBBAR26	A STUDY ON THE EFFECTIVENESS OF DISTRIBUTION STRATEGIES WITH SPECIAL REFERENCE to Pkk ASSOCIATES
25	Ashmal Mohammed	PZAUBBAR27	The impact of welfare facilities among the employees in Harrison Malayalam ltd chundale
26	Aswin krishna	Pzaubbar28	A study on women empowerment Through kudumbasree with special reference to panamaram grama panchaya
27	Bavin Krishna	PZAUBBAR29	The study on performance appraisal of employees with special reference to appoos ice cream Mananthav
28	Eabin johny	PZAUBBAR30	A study on quality of work life with special reference to chellotte tea factory, chundale
29	Joice George	PZAUBBAR31	Employee Retention Strategies with special reference to Dhanakodi chits Private limited.
30	Nithin. M. S	PZAUBBAR33	A study on effectiveness of marketing strategies of royal enfiled
31	Rijo Boban	PZAUBBAR34	Quality of work life with special reference to the Wayanad handloom powerloom and multipurpose co-op

32	Roshan K Varghese	PZAUBBAR35	A STUDY ON EFFECTIVENESS OF SALES PROMOTION STRATEGIES
33	Roshan K Varghese	PZAUBBAR35	A STUDY ON EFFECTIVENESS OF SALES PROMOTION STRATEGIES WITH SPECIAL REFERENCE TO WAYANAD HANDLOOM
34	Sarang kk	PZAUBBAR36	THE STUDY ON EMPLOYEE SATISFACTION AND WORK LIFE QUALITY IN BIG MARKET RETAIL LLP KUTTIADY
35	Unnikrishnan mk	PZAUBBAR37	"THE STUDY ON CUSTOMER PERCEPTION AND ATTITUDE TOWARDS ROYAL ENFIELD COMPANY"
36	Vishnu Sabu	PZAUBBAR08	TO STUDY THE EFFECTIVENESS OF UNIFIED PAYMENTS INTERFACE APPS
37	ABHINAV BIJU	PZUBBAR20	TO STUDY ON CUSTOMERS SATISFACTION IN E-PLANET

[Handwritten signature in blue ink]
 Pazhasi Raja College
 Fulpathy Pn.673579

[Handwritten signature in green ink]
 Pazhasi Raja College
 Fulpathy Pn.673579



Parisons

PARISONS ESTATES AND INDUSTRIES PVT LTD

Group Office : Cherakara P.O., Wayanad-670644. Phone: 04935 256230 Fax : 256246
E-mail: parisonstea@gmail.com
CIN: U01132KL2002PTC015723

Ref. No: A-45/366/2022-23
Date : 18.03.2023

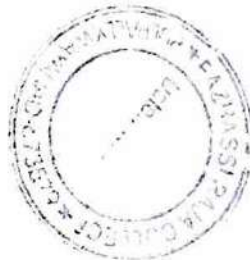


CERTIFICATE

This is to certify that Mrs. ADITHYA R CHANDRAN (Reg No: PZAUBBAR01) Final year B.B.A student of Pazhassi Raja College, Pulpally under Calicut University, has successfully completed her 21 days project at M/s. Parisons Estates And Industries Pvt. Ltd. on the topic A STUDY ON "EMPLOYEE MOTIVATION WITH SPECIAL REFERENCE TO PARISONS TEA ESTATES AND INDUSTRIES PVT LTD, THALAPPUZHA". She undertook her study with keenness and enthusiasm.

We really appreciate the efforts taken by her in completing the project and we take this opportunity to wish her all the best in her future endeavors.

For Parisons Estates & Industries P, Ltd
[Signature]
General Manager
18/3/23



Head Office: 6/1183, Cherooty Road, Calicut-673032 Ph: 2365618, 2365652, 2761455 Fax: 0091-495-2761456
E-mail: parisons@eth.net www.parisons.com

[Signature]

[Signature]
Pazhassi Raja College
Pulpally

Wayanad P.O. 670644
Pazhassi Raja College, Pulpally
Wayanad P.O. 670644
Wayanad P.O. 670644

PAZHASSIRAJA COLLEGE


BA HISTORY STUDENT PROJECT - 2022-23

Sl. No	Topic	List of students	Name of Supervising Teacher	Remarks
1.	Kunduvadiya, Life and Ritual of a Semi-nomadic tribe in Wayanad-A Study	Akhila T. Manoj	Lt. Dr. Rani S. Pillai	
2	"	Alan Alex	"	
3	"	Ajesh	"	
4	"	Adithya V.R	"	
5	"	Meeraja Biju	"	
6	"	Aishathul Anseera	"	
7	A Study of Paddy Cultivation in Wayanad	Abhishhek Alex	Mrs. Lizy P.K	
8	"	Muh. Aslam	"	
9	"	Prabisha K.S	"	
10	"	Shabana Buhari M	"	
11	"	Anitha K.T	"	
12	"	Indraja P.U	"	
13	"	Sneha R	"	
14	A Socio-Cultural Analysis of Folk Arts	Amaniya J.Santhosh	Lt. Dr. Rani	

	of Wayanad with Special Reference to Thira		S. Pillai	
15	"	Anagha P	"	
16	"	Bhavya K.M	"	
17	"	Sandra K.P	"	
18	"	Nandana K.T	"	
19	"	Alwin Mejan	"	
20	"	Amal Jude	"	
21	Critical Analysis of Jainism in Wayanad	Athulya P.P	Mrs. Lizy P.K	
22	"	Navya P.S	"	
23	"	Aswanth Krishnan V.S	"	
24	"	Athul T.B	"	
25	"	Binsi K.V	"	
26	"	Amrutha C.P	"	
27	"	Shamna C	"	
28	A Study on the School Dropout among the Paniya Students in Wayanad Dist. with Special Reference to Mullankolly Panchayat	Shijily E Babu	Lt. Dr Rani S. Pillai	
29	"	Anitha Babu	"	

30	"	Denis O.S	"	
31	"	Diya Varghese	"	
32	"	Neeraja P.G	"	
34	Pulpally a Historical Mystery	Athira Manoharan	Mrs. Lizy P.K	
35	"	Vismaya Mani	"	
36	"	Renijitha R	"	
37	"	Jisna V.O	"	
38	"	Adarsh A S	"	
39	"	Akshay V.R	"	
40	"	Stewe Thomas	"	




Dr. JOSHY MATHEW
 Head of the Department
 of History
 Pazhassiraja College, Pulpally
 Wayanad. Pin:673579- Kerala




Principal
 Pazhassiraja College
 Pulpally, Pin:673579


DETAILS OF INTERNSHIP


B.Voc. Food Science

Batch: 2020-2023

Sl No	Student Name	Institute
1.	Abhijith P G	Milma, Palakkad
2.	Abhinav A K	Milma, Beypore
3.	Abhiram Krishna N	Milma, Kannur
4.	Abhishek B	Milma, Kannur
5.	Afna	Milma, Kalpetta
6.	Ahsana M M	Milma, Kunnamangalam
7.	Anuragh Rajesh	Milma, Palakkad
8.	Anusha T K	Milma, Kunnamangalam
9.	Ashigha A P	Milma, kalpetta
10.	Basudev P	Milma, Kannur, Sreekandapuram
11.	Bipin Bhaskar M	Milma, Kannur
12.	Fathima Fazna	Milma, Palakkad
13.	Gayathri Gangadharan	Milma, Palakkad
14.	Jinsha Sulaiman	Milma, Kalpetta
15.	Muhammed Diouf	Milma, Kannur, Sreekandapuram
16.	Muhammed Durra	Milma, Palakkad
17.	Navya Das	Milma, Kunnamangalam
18.	Navya K J	Milma, Palakkad
19.	Rahul Hiran	Milma, Kannur
20.	Sayand Anil	Milma, Beypore
21.	Shadiya Sajeer	Milma, Kalpetta
22.	Shamila	Milma, Palakkad
23.	Vipin Vijayan	Milma, Kannur
24.	Vishnu Sekhar	Milma, Kannur, Sreekandapuram
25.	Vivek	Milma, Beypore
26.	Vysakh A K	Milma, Beypore
27.	Zoya Siraj	Milma, kalpetta


 Assistant Professor & Head
 Department of Vocational Studies (Food Science)
 Pazhassiraja College - Pulpally
 Wayanad- 673579


 Assistant Professor & Head
 Department of Vocational Studies (Food Science)
 Pazhassiraja College - Pulpally
 Wayanad- 673579


 Pazhassiraja College
 Pulpally Pinarayi

**PAZHASSIRAJA COLLEGE
PULPALLY**



MILK PEDA

SECOND SEMESTER INTERNSHIP REPORT

Submitted By

ANURAG RAJESH

In partial fulfillment of the requirements

for the award of the degree

of

BACHELOR OF VOCATIONAL FOOD SCIENCE

DEPARTMENT OF VOCATIONAL STUDIES

2020-2021

[Signature]
Assistant Professor & Head
Department of Vocational Studies (Food Science)
Pazhassiraja College - Pulpally
Wayanad- 673579

**DEPARTMENT OF VOCATIONAL STUDIES
BACHELOR OF VOCATIONAL FOOD SCIENCE
PAZHASSIRAJA COLLEGE**


PULPALLY

2020-2022

CERTIFICATE

This is to certify that the internship report submitted by ANURAG RAJESH in partial fulfillment of the requirement of Bachelor of Vocational Food Science at Pazhassiraja College, Pulpally, affiliated to University of Calicut during 2020-2023, is a record of the bonafide work done by him under supervision and guidance.

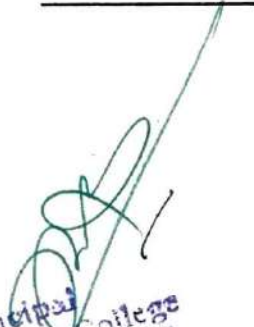

SUPERVISOR


**HEAD OF THE DEPARTMENT
Department of Food Science
(Vocational Studies)
Pazhassiraja College
Pulpally**

Submitter for the second semester viva voce examination held on

INTERNAL EXAMINER


**Assistant Professor & Head
Department of Vocational Studies (Food Science)
Pazhassiraja College - Pulpally
Wayanad- 673579**


**Principal
Pazhassiraja College
EXTERNAL EXAMINER
Pulpally**



Govt. Approved

ICKARA PLANT NURSERY

Nadavayal Post, Wayanad – 670721, Kerala, India.


Mob: 9446953235, ickaraplant@gmail.com

Date: 22/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Abhinav V R** student of **B.Voc Agriculture, Pazhassiraja College, Pulpally** has successfully completed his internship program at **Ickara Plant Nursery, Nadavayal** from **03/11/2022** to **21/04/2023** under the guidance of **Mr. Charly Abraham**, General Manager of Ickara Plant Nursery.

During the period of his internship program with us, he had been exposed to different processes and was found punctual, diligent, hardworking and inquisitive.


Principal
Pazhassi Raja College
Pulpally, Pin: 670721

For Ickara Plant Nursery,

Authorized Signatory



PAZHASSIRAJA COLLEGE PULPALLY
DEPARTMENT OF B.VOC STUDIES

PROJECT REPORT

SCIENTIFIC STUDY ON WEDGE GRAFTING
"Mangifera indica"

Submitted by
ABHINAV V R
Reg.No.PZAU BVI022

Under the guidance of
Mr. SACHIN MATHEW (HOD OF B.VOC AGRICULTURE)

Submitted in partial fulfilment of the requirements of the award of the degree of
B.VOC AGRICULTURE
OF UNIVERSITY OF CALICUT



2020-2023

DEPARTMENT OF VOCATIONAL STUDIES
PAZHASSIRAJA COLLEGE, PULPALLY

PAZHASSIRAJA COLLEGE PULPALLY
DEPARTMENT OF B.VOC STUDIES

PROJECT REPORT

A STUDY ON CULTIVATION PRACTICES OF
“ Gerbera jamesonii ”

Submitted by

ADHIEENA K S

Reg.No.PZAUBVU001

Under the guidance of

Mr. SACHIN MATHEW (HOD OF B.VOC AGRICULTURE)

Submitted in partial fulfilment of the requirements of the award of the degree of
B.VOC AGRICULTURE
OF UNIVERSITY OF CALICUT



2020-2023

DEPARTMENT OF VOCATIONAL STUDIES
PAZHASSIRAJA COLLEGE, PULPALLY



Govt. Approved

JAIVIKA KUDUMBASREE PLANT NURSERY GREEN LEAF JLG


Vallappuzha, Nilambu
Mob 9400821114, 9846 753752

Date: 16-04-2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Miss. Adheena KS student of B.Voc Agriculture, Pazhassiraja College, Pulpally has successfully completed her internship program at Green Leaf Jaivika Plant Nursery, Nilambur from 15/11/2022 to 05/04/2023 under the guidance of Mrs. Ramseena P. owner of Green Leaf Jaivika Plant Nursery.

During the period of her internship program with us, she had been exposed to different processes and was found punctual, diligent, hardworking and inquisitive.

Ramseena P. 

For Green Leaf Jaivika Plant Nursery
Authorized Signatory

Green Leaf (Jaivika Plant Nursery)
UID No-JPN-1/NBJ/16/01
NILAMBUR C JS

PAZHASSIRAJA COLLEGE PULPALLY

DEPARTMENT OF B.VOC STUDIES

PROJECT REPORT

**A STUDY ON POST PRODUCTION TECHNOLOGY OF
HONEY AND BEEKEEPING**

Submitted by

ATHIRA M

Reg.No.PZAUBVU005

Under the guidance of

Mr. SACHIN MATHEW (HOD OF B.VOC AGRICULTURE)

Submitted in partial fulfilment of the requirements of the award of the degree of B.VOC

AGRICULTURE

UNIVERSITY OF CALICUT



2020-2023

DEPARTMENT OF VOCATIONAL STUDIES

PAZHASSIRAJA COLLEGE, PULPALLY


Ref. No: 2162/KSH/DC/BRC/2023/423

Date: 23/03/2023

CERTIFICATE

This is to certify that Ms. ATHIRA M. 3rd Year B.Voc Agricultural student of PAZHASSIRAJA COLLEGE, PULPALLY has successfully completed an INTERNSHIP on Production Technology of Honey under Kerala State Horticultural Products Development Corporation Ltd. HORTICORP, Beekeeping Centre (A Govt. of Kerala undertaking), Kallimel P.O. Mavelikkara, Alappuzha from 01-10-2022 to 23-03-2023.

We wish all success in her future endurance.



... ..
HORTICORP
Beekeeping Centre
Kallimel P.O. Mavelikkara



Phytochemical Screening and Evaluation of In Vitro Antimicrobial and Antioxidant Activity of Ethanolic Leaf Extract Of *Coleus zeylanicus*

DISSERTATION

submitted to

The University of Calicut for the award of degree

Under the guidance of

Mr JESSIN GEORGE

Assistant Professor,

Department of Biochemistry

Submitted by

Ms ARYA A S (Reg. no.PZAUSBC002)

Mr. ARJUN SHAJI (Reg. no.PZAUSBC008)

Ms ADITHYA SHIBU (Reg. no.PZAUSBC010)

Ms SAVITHA M S (Reg. no. PZAUSBC016)

Mr. ABHI K NATH (Reg. no.PZAUSBC017)

Mr. AJIN JOSE (Reg.no.PZAUSBC018)



DEPARTMENT OF BIOCHEMISTRY
PAZHASSIRAJA COLLEGE PULPALLY
Re-ACCREDITED BY NAAC WITH "A+" GRADE



PAZHASSIRAJA COLLEGE

PULPALLY, WAYANAD, KERALA-673579

(Affiliated to University of Calicut, NAAC Re- accredited with "A+" grade)

Web: www.pazhassirajacollege.ac.in

CERTIFICATE

This is to certify that the dissertation entitled "**PHYTOCHEMICAL SCREENING, PHOSPHOMOLYBDENUM ASSAY AND ANTIMICROBIAL ACTIVITY OF ETHANOLIC LEAF EXTRACT OF *Coleus zeylanicus***" is a bonafide work submitted to the University of Calicut in partial fulfillment of the requirement for the award of degree in Bachelor of Science in Biochemistry done by Ms ARYA A S, Mr. ARJUN SHAJI, Ms ADITHYA SHIBU, Ms SAVITHA M S, Mr. ABHI K NATH, and Mr. AJIN JOSE of Department of Biochemistry, Pazhassiraja College, Pulpally, during the academic year 2020-2023. This is an authentic record of the research carried out under the guidance and supervision of, Mr JESSIN GEORGE Assistant Professor, Department of Biochemistry, Pazhassiraja College, Pulpally.

Counter signed by,

Dr. SINCY VARGHESE

Head of Department

Dept. of Biochemistry

*Dept. of Biochemistry
Pazhassiraja College
Pulpally-Wayanad*

Guide and Supervision,

Mr. JESSIN GEORGE

Assistant Professor

Dept. of Biochemistry

Dr. ABDUL BARI K K

Principal
Pazhassiraja College
Pulpally Pin: 673579
Pazhassiraja College,

Pulpally, Wayanad

EXTERNAL EXAMINER

Mohammed

**COMPARITIVE STUDY ON ADULTERANTS IN DIFFERENT FOOD
SAMPLES**

DISSERTATION

submitted to

The University of Calicut for the award of degree

Under the guidance of

Ms. ASWATHI HARI

Assistant professor,

Department of Biochemistry

Submitted by

Ms NIHALA NASRI (Reg. no. PZAUSBC003)

Ms ASHITHA S (Reg. no. PZAUSBC013)

Ms. ASWATHI RAVEENDRAN (Reg. no. PZAUSBC014)

Ms SANIYA SIJI (Reg. no. PZAUSBC015)

Mr. AKSHAY VIJAYAN (Reg. no. PZAUSBC019)



**DEPARTMENT OF BIOCHEMISTRY
PAZHASSIRAJA COLLEGE PULPALLY
ACCREDITED BY NAAC "A+" GRADE**



PAZHASSIRAJA COLLEGE

PULPALLY, WAYANAD, KERALA-673579

(Affiliated to University of Calicut, NAAC accredited with "A" grade

Web: www.pazhassirajacollege.ac.in

CERTIFICATE

This is to certify that the dissertation entitled " **COMPARITIVE STUDY ON ADULTERANTS IN DIFFERENT FOOD SAMPLES**" is a bonafide work submitted to the University of Calicut in partial fulfilment of the requirement for the award of degree in Bachelor of Science in Biochemistry done by Ms NIHALA NASRI, Ms ASHITHA S, Ms ASWATHI RAVEENDRAN, Ms SANIYA SIJI and Mr. AKSHAY VIIJAYAN of Department of Biochemistry, Pazhassiraja College, Pulpally, during the academic year 2020-2023. This is an authentic record of the research carried out under the guidance and supervision of, Ms ASWATHI HARI, Assistant Professor, Department of Biochemistry, Pazhassiraja College, Pulpally.

Counter signed by,

Dr.SINCY VARGHESE

Head of department

Dept. of Biochemistry

Sincy Varghese
11/01/23

*Dept of Biochemistry
Pazhassiraja College
Pulpally-Wayanad*

Guide and supervision,

Ms. ASWATHI

Assistant professor

Dept. of Biochemistry

For,
Subhasree . P.G.

Subha

Dr. ABDUL BARI K K

Principal

Pazhassiraja College,

Pulpally, Wayanad

*Principal
Pazhassi Raja College
Pulpally. Pin:673579*



EXTERNAL EXAMINER

Mohammed Fadiq

**“EVALUATION OF PHYTOCHEMICALS AND
CARBOHYDRATE ESTIMATION OF ETHANOLIC EXTRACT
OF *Tinospora cordifolia* STEM”**

DISSERTATION

submitted to

The University of Calicut for the award of a degree

Under the guidance of

Ms. ANITTA SEBASTIAN

Assistant professor,

Department of Biochemistry

Submitted by,

Ms. ANAGHA VARKEY (Reg. no. PZAUSBC001)

Ms. SAJLA SHERIN (Reg. no. PZAUSBC005)

Ms. AMALENDU K S (Reg. no. PZAUSBC011)

Mr. ALBIN SAJU (Reg. no. PZAUSBC020)

Mr. ARJUN VINOD (Reg. no. PZAUSBC022)



DEPARTMENT OF BIOCHEMISTRY

PAZHASSIRAJA COLLEGE PULPALLY

Re- ACCREDITED BY NAAC WITH “A+” GRADE



PAZHASSIRAJA COLLEGE

PULPALLY, WAYANAD, KERALA-673579

(Affiliated to University of Calicut, NAAC Re- Accredited with "A+" grade)

Web: www.pazhassirajacollege.ac.in

CERTIFICATE

This is to certify that the dissertation entitled "EVALUATION OF PHYTOCHEMICALS AND CARBOHYDRATE ESTIMATION OF ETHANOLIC EXTRACT OF *Tinospora cordifolia* STEM" is a bonafide work submitted to the University of Calicut in partial fulfillment of the requirement for the award of degree in Bachelor of Science in Biochemistry done by Ms. ANAGHA VARKEY , Ms. SAJLA SHERIN, Ms. AMALEDU K S, Mr. ALBIN SAJU, Mr. ARJUN VINOD of Department of Biochemistry, Pazhassiraja college, pulpally, during the academic year 2020-2023. This is an authentic record of the research carried out under the guidance and supervision of, Ms. ANITTA SEBASTIAN Assistant professor, Department of Biochemistry, Pazhassiraja college , pulpally.

Counter signed by,

Dr. SINCY VARGHESE
Head of the Department
Dept. of Biochemistry

Sincy Varghese
10/04/23
Dept of Biochemistry
Pazhassiraja College
Pulpally-Wayanad

Anitta Sebastian
Guide and Supervisor

Ms. ANITTA SEBASTIAN
Assistant Professor
Dept. of Biochemistry

Dr. ABDUL BARI K K

Principal

Pazhassiraja college,

Pulpally, Wayanad

Principal
Pazhassi Raja College
Pulpally. Pin:673579

Mohammed Adil ibn
10/04/23
Mohammed Adil ibn
EXTERNAL EXAMINER

**SCREENING OF SICKLE CELL ANEMIA DISEASE AND TRAIT
OF PANIYA COMMUNITY IN PULPALLY, WAYANAD**

DISSERTATION

submitted to

The University of Calicut for the award of a degree

Under the guidance of

Dr. JOMET SEBASTIAN

Assistant professor,

Department of Biochemistry

Submitted by,

Ms. RAVEENA K.R (Reg. no. PZAUSBC004)

Ms. SANA FATHIMA (Reg. no. PZAUSBC006)

Ms. SHIFUVANA THAHANI (Reg. no. PZAUSBC007)

Ms. ABHINANDANA VIJAYAN (Reg. no. PZAUSBC009)

Ms. ANJANA KRISHNA (Reg. no. PZAUSBC012)

Mr. ANAND JITH (Reg. no. PZAUSBC021)



DEPARTMENT OF BIOCHEMISTRY

PAZHASSIRAJA COLLEGE PULPALLY

Re- ACCREDITED BY NAAC WITH "A+" GRADE





PAZHASSIRAJA COLLEGE

PULPALLY, WAYANAD, KERALA-673579

(Affiliated to University of Calicut, NAAC Re- Accredited with "A+" grade)

Web: www.pazhassirajacollege.ac.in

CERTIFICATE

This is to certify that the dissertation entitled "SCREENING OF SICKLE CELL ANEMIA DISEASE AND TRAIT OF PANIYA COMMUNITY IN PULPALLY, WAYANAD" is a bonafide work submitted to the University of Calicut in partial fulfillment of the requirement for the award of degree in Bachelor of Science in Biochemistry done by Ms. ABHINANDANA VIJAYAN, Mr. ANAND JITH, Ms. ANJANA KRISHNA, Ms. RAVEENA K.R, Ms. SANA FATHIMA, Ms. SHIFUVANA THAHANI of Department of Biochemistry, Pazhassiraja college, pulpally, during the academic year 2020-2023. This is an authentic record of the research carried out under the guidance and supervision of, Dr. JOMET SEBASTIAN Assistant professor, Department of Biochemistry, Pazhassiraja college, pulpally.

Counter signed by,

Dr. SINCY VARGHESE

Head of the Department

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*Dept of Biochemistry
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Guide and Supervisor

Dr. JOMET SEBASTIAN

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Dr. ABDUL BARI K.K

Principal

Pazhassiraja college,

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*Principal
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Pulpally. Pin: 673579*



Mohammed Qadriyam
EXTERNAL EXAMINER



**THEORY OF TRAUMA AND GRIEF IN
JOHN GREEN'S
*THE FAULT IN OUR STARS***

Project report Submitted in Partial Fulfillment
of the Requirements for the Award of
Degree of Bachelor of Arts in English
of the University of Calicut

By

ANN MARIYA

PZAUAEGR01

Under the guidance of

Fr. Dr. Kuriakose V C

Assistant Professor

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Ramesh K.G.



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MARCH 2023

DEPARTMENT OF ENGLISH
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KERALA

CERTIFICATE

This is to certify that the project report entitled “**Theory of Trauma and Grief in John Green's *The Fault in Our Stars***” submitted in partial fulfillment of the requirements for the Award of Degree of Bachelor of Arts in English of the University of Calicut is a record of original research work done by **Ms. Ann Mariya** during the period (2022-2023) of her study in the Department of English Pazhassiraja college, Pulpally, under my supervision and guidance.

GUIDE



Fr. Dr. Kuriakose V C

Assistant Professor
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Ms. Josena K Joseph

Assistant Professor & Head
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Pazhassiraja College,
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Viva voce held on:

Examiner

1.....



FEMINISM IN JUDE ANTHONY JOSEPH'S

SARA'S

Project report submitted in partial fulfillment of the requirement for the
award of Degree of Bachelor of Arts in English of the university of
Calicut

By

AVISHNA CK

PZAUAAGR02

Under the guidance of

MS. DAYONA KURIYAN

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Ramesh K.G.



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DEPARTMENT OF ENGLISH

PAZHASSIRAJA COLLEGE PULPALLY

WAYANAD KERALA

CERTIFICATE

This is to certify that the project entitled "**FEMINISM IN JUDE ANTHONY JOSEPH'S SARA'S**" is a Bonafide record of the studies and research carried out by **Ms. AVISHNA CK** during the period 2022-2023 of her study in the department of English Pazhassiraja college pulpally, Wayanad under my supervision and guidance submitted to the university of Calicut in partial fulfillment of the requirement of the degree of bachelor of arts in English.

Guide



Ms. Dayona kuriyan

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Ms. Josena K Joseph

Assistant professor & head
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Pulpally, Wayanad

Viva voce held on

Examiner:

1:

2:



A DAILY PERSPECTIVE OF THE FILM JAI BHIM

Project Report submitted in partial fulfillment of the requirements for The Award of Degree of
Bachelor of Arts In English of the University of Calicut

By

**DILSHA C
PZAUAEGRO3**

Under the guidance of
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CERTIFICATE

This is to certify that the project report entitled **A Dalit Perspective Of The Film *Jai Bhim*** submitted in partial fulfillment of the requirements for the Award of Degree of Bachelor of Arts in English of the University of Calicut is recorded of original research work done by Ms. **DILSHA C** during the period (2022-2023) of her study in the Department of English Pazhassiraja College, pulpally, under my supervision and guidance.

Guide



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Department of English and head

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pulpally, Wayanad

Viva voice held on:



Examiner :

- 1.
- 2.

**PSYCHOANALYTICAL THEORY IN THE MOVIE THE
UNWITTED BY GUARD BROTHERS**

Project report submitted in partial fulfilment of the Requirements

For the Award of Degree of Bachelor of Arts

In English, University of Calicut

By

NANDHANA NARENDRAN

PZAUAEGR04

Renuka S. J.

Under the guidance of

Dr. Santhosh P C

Assistant Professor, Department of English,
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MARCH 2023

**DEPARTMENT OF ENGLISH
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CERTIFICATE

This is to certify that the project report entitled "**PSYCHOANALYTICAL THEORY IN THE MOVIE *THE UNINVITED BY GUARD BROTHERS***" submitted in partial fulfilment of the requirements for the Award of Degree of Bachelor of Arts in English, University of Calicut is a record of original research work done by **Ms. NANDHANA NARENDRAN** during the period (2022-2023) of her study in the Department of English, Pazhassiraja College, Pulpally, under my supervision and guidance.

Guide

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Viva Voce Held on:

Examiner

I.

DIASPORIC IMMIGRATION IN GABRIELA GARCIA'S *OF WOMEN AND SALT*

Project Report submitted in partial fulfillment of the requirements for
the Award of Degree of Bachelor of Arts
in English of the University of Calicut

By

RITHUPARRNA E S

PZAUAEGR05

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DEPARTMENT OF ENGLISH

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CERTIFICATE

This is to certify that the project report entitled “**DIASPORIC IMMIGRATION IN GABRIELA GARCIA’S OF WOMEN AND SALT**” submitted in partial fulfillment of the requirements for the Award of Degree of Bachelor of Arts in English of the University of Calicut is recorded of original research work done by Ms. **Rithuparnna E S** during the period (2022-2023) of her study in the Department of English Pazhassiraja College, Pulpally, under my supervision and guidance.

Guide



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Viva voice Held on: 12/04/2023

Examiner

1.

2.



**“GENDER INEQUALITY AND DOMESTIC VIOLENCE
IN *VERUTHE ORU BHARYA* BY AKKU AKBAR”**

Project report submitted in partial fulfilment of the Requirements

For the Award of Degree of Bachelor of Arts

In English, University of Calicut

By

VISMAYA M

PZAUAEGR06

Under the guidance of

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Assistant Professor, Department of English

Pazhassiraja College, Pulpally, Wayanad

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MARCH 2023

DEPARTMENT OF ENGLISH

PAZHASSIRAJA COLLEGE PULPALLY,

WAYANAD, KERALA

CERTIFICATE

This is to certify that the project report entitled “**GENDER INEQUALITY AND DOMESTIC VIOLENCE IN VERUTHE ORU BHARYA BY AKKU AKBAR**” submitted in partial fulfilment of the requirements for the Award of Degree of Bachelor of Arts in English, University of Calicut is a record of original research work done by **Ms. VISMAYA M** during the period (2022-2023) of her study in the Department of English, Pazhassiraja College, Pulpally, under my supervision and guidance.

Guide



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Viva Voce Held on: 12/4/2023

Examiner



1.

2.

**REPRESENTATION OF WOMEN IN JAHNAVI
BARUA'S *REBIRTH***

Project Report Submitted in Partial Fulfilment of the Requirements for the

Award of Degree of Bachelor of Arts

In English of the University of Calicut

By

VRINDHA BENNY

PZAUAAGR07

Under the Guidance of

Ms. ALIJA JOSEPH

Assistant Professor

Department of English

Ramesh K.G.

Pazhasiraja College, Pulpally, Wayanad

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MARCH 2023

DEPARTMENT OF ENGLISH

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KERALA

CERTIFICATE

This is to certify the project entitled **REPRESENTATION OF WOMEN IN JAHNAVI BARUA'S REBIRTH** Submitted in partial fulfillment of the requirements for the Award of Degree of Bachelor of Arts in English of the University of Calicut is a record of original research work done by **Ms. Vrindha Benny** During the period 2022-2023 of her study in the Department of English, Pazhassiraja College Pulpally, Under my supervision and guidance.

Guide



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Pulpally, Wayanad

Viva voce Held on: 12-04-2023

Examiner

1.

2.



“LONELINESS IN THE MOVIE *HER* BY SPIKE JONZE”

Project report submitted in partial fulfillment of the requirements for the
Award of Degree of Bachelor of Arts in English of the
University of Calicut

By,

AGIN ROSH SAJI
PZAUAEGR08

Under the guidance of
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MARCH 2023

DEPARTMENT OF ENGLISH
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CERTIFICATE

This is to certify that the project entitled “**LONELINESS IN THE MOVIE HER BY SPIKE JONZE**” submitted in partial fulfilment of the requirements for the Award of Degree of Bachelor of Arts in English of the University of Calicut is a record of original research work done by **Mr. Agin Rosh Saji** during the period (2020-2023) of his study in the Department of English, Pazhassiraja College, Pulpally, under my supervision and guidance

Guide



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MS. JOSENA K JOSEPH

Assistant Professor & Head
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Pazhassiraja College
Pulpally, Wayanad

Viva Voice Held on:

Examiner:



1.

2.

PORTRAYAL OF SUBALTERN IN KHALED HOSSEINI'S A THOUSAND SPLENDID SUNS

Project Report Submitted in Partial Fulfilment of the Requirement for the Award of
Degree of Bachelor of Arts in English of the University of Calicut

By

AKSHAI BINU

PZAUAAGR09

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MARCH 2023

DEPARTMENT OF ENGLISH
PAZHASSIRAJA COLLEGE PULPALLY
WAYANAD KERALA

CERTIFICATE

This is to certify that the project report entitled **Portrayal of Subaltern in Khaled Hosseini's *A Thousand Splendid Suns*** submitted in partial fulfilment to the requirement of the Award of Degree of Bachelor of Arts in English of the University of Calicut is a record of original research work done by **Mr. Akshai Binu** during the period (2022-2023) his study in the Department of English Pazhassiraja College, Pulpally, under my supervision and guidance.

Guide



Fr. Dr. Kuriakose.

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Ms. Josena K Joseph

Assistant Professor & Head
Department of English
Pazhassiraja college
Pulpally, Wayanad.

Viva held on:

12/04/2023



Examiner:

**“CULTURAL MIS BELIEFS AND PRACTICE
OF ANIMISM IN**

MEL GIBSON'S *APOCALYPTO*”

Project Report Submitted in Partial Fulfilment of the Requirement for the
Award of Degree of Bachelor of Arts in English of the University of
Calicut

By

BASIL PAUL MATHEW

PZAUAEGR10

Under the guidance of

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Assistant professor,

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MARCH 2023

**DEPARTMENT OF ENGLISH PAZHASSIRAJA
COLLEGE PULPALLY WAYANAD**

CERTIFICATE

This is to certify that the project entitled “**CULTURAL MISBELIEFS AND PRACTICE OF ANIMISM IN MEL GIBSON'S APOCALYPTO**” submitted in Partial Fulfilment of the Requirements for the Award of Degree of Bachelor's of Arts in English of the University Of Calicut is a record of original research work done by **Mr. Basil Paul Mathew** during the period 2022-2023 of his study in the Department of English Pazhassiraja College, Pulpally, under my supervision and guidance.



Guide

Dr. Santhosh P.C

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Ms. Josena K Joseph

Assistant Professor & Department Head

Department of English

Pazhassi Raja College

Pulpally, Wayanad

Viva Voce Held on:



Examiner:

THE THEME OF REDEMPTION IN *THE KITE RUNNER*

Project report submitted in partial fulfilment of the
requirements for the Award of Degree of Bachelor of Arts in
English of the University of Calicut

By

Godvin Joy
PZAUAAGR11

Under the guidance of
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Assistant Professor
Department of English
Pazhassiraja College, Pulpally, Wayanad

Ramesh K.G.



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MARCH 2023
DEPARTMENT OF ENGLISH
PAZHASSIRAJA COLLEGE PULPALLY, WAYANAD,
KERALA

CERTIFICATE

This is to certify that the project report entitled “**ANALYSIS OF THE THEME OF REDEMPTION IN *THE KITE RUNNER***” submitted in partial fulfilment of the requirements for the Award of Degree of Bachelor of Arts in English of the University of Calicut, a record of original research work done by **Mr. GODVIN JOY** during the period (2022-2023) of his study in the Department of English Pazhassiraja College, Pulpally, under my supervision and guidance.

Guide



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Assistant professor & Head
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Pazhassiraja College
Pulpally, Wayanad.

Viva Voice Held on: 12 - 04 - 2023

Examiner



PSYCHOANALYTIC READING

OF

MARY HARRONS

" AMERICAN PSYCHO "

Project report submitted in partial fulfillment of
requirements for the award of Degree of Bachelor of Arts
in English of the University Of Calicut.

BY

JESWIN JINCE

PZAUAAGR12

Under the guidance of

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Assistant Professor

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Ramesh K.G.

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MARCH 2023

DEPARTMENT OF ENGLISH

PAZHASSIRAJA COLLEGE , PULPALLY , WAYANAD

KERALA.

CERTIFICATE

This is to certify that the project report entitled " **PSYCHOANALYTIC READING OF MARY HARRONS *AMERICAN PSYCHO***" submitted in partial fulfillment of requirements for the award of Degree of Bachelor of Arts in English of the University of Calicut is a record of original research work done by **JESWIN JINCE** during the period (2022 - 2023) of her study in the Department of English , Pazhassiraja College , Pulpally under my guidance and supervision.



Guide

Dr. SANTOSH P.C ,
Assistant Professor ,
Department of English ,
Pazhassiraja College Pulpally
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Mrs. JOSENA K JOSEPH ,
Assistant Professor and Head ,
Department of English ,
Pazhassiraja College,
Pulpally, Wayanad.

Viva voce held on :

Examiner :



**A READING OF *THE GREAT INDIAN KITCHEN* IN
LIBERAL FEMINISM**

Project report submitted in partial fulfilment of the Requirements

For the Award of Degree of Bachelor of Arts

In English, University of Calicut

By

**ANUGRAHA P
PZAUAAGR13**



Dr. Ramesh K.G., MA, MPhil, PhD
Assistant Professor
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Under the guidance of

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MARCH 2023

**DEPARTMENT OF ENGLISH
PAZHASSIRAJA COLLEGE PULPALLY,
WAYANAD, KERALA**

CERTIFICATE

This is to certify that the project report entitled “A READING OF THE GREAT INDIAN KITCHEN IN LIBERAL FEMINISM” submitted in partial fulfilment of the requirements for the Award of Degree of Bachelor of Arts in English, University of Calicut is a record of original research work done by Ms. ANUGRAHA P during the period (2022-2023) of her study in the Department of English, Pazhassiraja College, Pulpally, under my supervision and guidance.

Guide



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Assistant Professor & Head

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Pulpally, Wayanad

Viva Voce Held on: 12/04/2023

Examiner

1.

2.



**THE REPRESENTATION OF QUEER IN
NJAN MARYKUTTY BY RANJITH SANKAR**

Project Report Submitted in Partial Fulfillment
Of the Requirements for the Award of
Degree of Bachelor of Arts in English
Of the University of Calicut

By

APARNA S N

PZAUAEGR14

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MARCH 2023

**DEPARTMENT OF ENGLISH
PAZHASSIRAJA COLLEGE, PULPALLY,
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CERTIFICATE

This is to certify that the project report entitled **The Representation of Queer** in *Njan Marykutty* By **Ranjith Sankar** submitted in partial fulfilment of the requirements for the Award of Degree of Bachelor of Arts in English of the University of Calicut is a record of original research work done by **Ms. APARNA S N** during the period (2022-2023) of her study in the Department of English Pazhassiraja College, Pulpally, under my supervision and Guidance.

Guide



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Viva a voce Held on

Examiner :

THE THEME OF SLAVERY IN STEVE MCQUEEN'S

12 YEARS A SLAVE

Project report Submitted in Partial Fulfillment of the
Requirements for the Award of Degree of Bachelor of
Arts in English of the University of Calicut

By

GOURI NANDANA

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DEPARTMENT OF ENGLISH

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CERTIFICATE

This is to certify that the project report entitled “**The Theme of Slavery in Steve McQueen's 12 Years a Slave**” submitted in partial fulfillment of the requirements for the Award of Degree of Bachelor of Arts in English of the University of Calicut is a record of original research work done by **Ms.GOURI NANDANA** during the period (2022-2023) of her study in the Department of English Pazhassiraja college, pulpally, under my supervision and guidance.

GUIDE



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Pulpally, Wayanad

Viva voce held on: 12/04/2023

Examiner

1.....



**EXISTENCE OF WOMEN IN JAISHREE MISRA'S
ANCIENT PROMISES**

Project report submitted in partial fulfillment of the requirements for the
Award of Degree of Bachelor of Arts in English of the
University of Calicut

By
NEENU CHACKO
PZAUAAGR16

Under the guidance of
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MARCH 2023
DEPARTMENT OF ENGLISH
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CERTIFICATE

This is to certify that the project entitled "**EXISTENCE OF WOMEN IN JAISHREE MISRA'S ANCIENT PROMISES**" submitted in partial fulfilment of the requirements for the Award of Degree of Bachelor of Arts in English of the University of Calicut is a record of the original research work done by **MS. NEENU CHACKO** during the period (2020-2023) of her study in the Department of English, Pazhassiraja College, Pulpally, under my supervision and guidance.

Guide



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MS. JOSENA K JOSEPH

Assistant Professor & Head

Department of English

Pazhassiraja College

Pulpally, Wayanad

Viva Voice Held on:

Examiner :

1.

2.



A FEMINISTIC READING OF THE MOVIE

UYARE BY MANU ASHOKAN

Project Report submitted in partial fulfillment of the requirements for

The Award of Degree of Bachelor of Arts

In English of the University of Calicut

By

NITHYA V M

PZAUAEGR17

Under the guidance of

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Department of English

Pazhassiraja College Pulpally, Wayanad

FEBRUARY 2023



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PAZHASSIRAJA COLLEGE PULPALLY, WAYANAD, KERALA

CERTIFICATE

This is to certify that the project report entitled “**A FEMINISTIC READING OF THE MOVIE UYARE BY MANU ASHOKAN**” submitted in Partial Fulfillment of the Requirements for the Award of Degree of Bachelor of Arts in English of the University of Calicut is a record of original research workdone by **Ms. NITHYA VM** during the period (2020-2023) of her study in the Department of English Pazhassiraja College, Pulpally, under my supervision and guidance.

Guide



Ms. Josena k Joseph

HOD

Department of English

Pazhassiraja College

Pulpally Wayanad

Viva voce held on: 12-24-2023

Examiner 1.

2.



**THE QUESTION OF IDENTITY IN PAULO COELHO' S
*THE WITCH OF PORTOBELLO***

Project Report

submitted in Partial fulfilment of the
Requirements for the Award of Degree of
Bachelor of Arts in English of the University of Calicut.

By

PRAVITHA M. J

PZAUAAGR 18

Under the guidance

Ms. Aswathy Cheriyan

Assistant Professor

Department Of English

Pazhassiraja college, Pulpally, Wayanad

Ramesh K.G.

Dr. Ramesh K.G., MA, MPhil, PhD
Assistant Professor
Department of English
St. Mary's College
Sulthan Bathery-673 592



MARCH 2023

DEPARTMENT OF ENGLISH
PAZHASSIRAJA COLLEGE PULPALLY, WAYANAD
KERALA

CERTIFICATE

This is to certify that the project report entitled “**THE QUESTION OF IDENTITY IN PAULO COELHO’ S THE WITCH OF PORTOBELLO**” Submitted in partial fulfilment of the requirements for of Award of Degree of Bachelor of Arts in English of the University of Calicut is a record of original research work done by **Ms. PRAVITHA M. J** during the period (2022-2023) of her study in the Department of English Pazhassiraja college Pulpally under my supervision and guidance.

Guide



Ms. Aswathy Cheriyan

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Josena K Joseph

Assistant Professor & Head

Department of English

Pazhassiraja college

Pulpally, Wayanad

Viva a voce Held on : 12/04/2023

Examiner:

1,

2,



**THE STRUGGLE FOR EXISTENCE IN JOHN GREEN'S
THE FAULT IN OUR STARS IN THE LIGHT OF
EXISTENTIALISM**

Project Report submitted in partial fulfillment of the requirements for
The Award of Degree of Bachelor of Arts
In English of the University of Calicut

By

SIYA SHIBU

PZAUAAGR19

Under the guidance of

Ms. Theres Divia Sebastian

Assistant professor

Department of English

Ramesh K.G.

Dr. Ramesh K.G., MA, MPhil, PhD
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MARCH 2023

DEPARTMENT OF ENGLISH

PAZHASSIRAJA COLLEGE PULPALLY, WAYANAD

KERALA

CERTIFICATE

This is to certify that the project report entitled **THE STRUGGLE FOR EXISTENCE IN JOHN GREEN'S *THE FAULT IN OUR STARS* IN THE LIGHT OF EXISTENTIALISM** submitted in partial fulfillment of the requirements for the Award of Degree of Bachelor of Arts in English of the University of Calicut is recorded of original research work done by **Ms. SIYA SHIBU** during the period (2022-2023) of her study in the Department of English Pazhassiraja College, pulpally, under my supervision and guidance.

Guide



Ms. Theres Divia Sebastian

Assistant professor,
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Ms. Josena K Joseph

Assistant professor and Head
Department of English
Pazhassiraja College
Pulpally, Wayanad

Viva voice Held on: 12-04-2023

Examiner:

1.

2.



**RACISM IN TA-NEHISI COATES'S *BETWEEN THE
WORLD AND ME***

Project report submitted in partial fulfillment of the requirements for
the award of the degree of Bachelor of Arts In English of the
University of Calicut

By
SOUPARNIKA.CG
PZAUAEGR20

Under the guidance of
Ms. ASWATHY CHERIYAN
Assistant Professor
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Ramesh K G

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MARCH 2023
DEPARTMENT OF ENGLISH
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CERTIFICATE

This is to certify that the project entitled "**RACISM IN TA-NEHISI COATES' S BETWEEN THE WORLD AND ME**" submitted in partial fulfillment of the requirements for the Award of Bachelor of Arts in English of the University of Calicut is the record of original research done by Ms. Souparnika. C.G. during the period 2022 -2023 of her study in the Department of English, Pazhassiraja College, Pulpally, under my supervision and guidance.

Guide

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Assistant Professor & Head

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12-04-2023

1. Examiner:



SEXUAL VIOLENCE IN ANURADHA ROY'S
NOVEL SLEEPING ON JUPITER

Project report Submitted in Partial Fulfillment Of the Requirements for the Award of
Degree of Bachelor of Arts in English of the University of Calicut

By

SRIYA SREENIVASAN

PZAUAEGR21

Under the guidance of

Ms. JOSENA K JOSEPH

Assistant Professor

Department of English

Pazhassiraja College, Pulpally, Wayanad



Ramesh K G

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MARCH 2023

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CERTIFICATE

This is to certify that the project report entitled **SEXUAL VIOLENCE IN ANURADHA ROY'S SLEEPING ON JUPITER** submitted in partial fulfillment of the requirements for the Award of Degree of Bachelor of Arts in English of the University of Calicut is a record of original research work done by Ms. **SRIYA SREENIVASAN** during the period (2022-2023) of her study in the Department of English Pazhassiraja College, Pulpally, under my supervision and guidance.

GUIDE



Ms. JOSENA K JOSEPH

Assistant professor & HOD

Department of English

Pazhassiraja College

Pulpally, Wayanad

Viva voce held on 12/04/2023

Examiner

1.....

2.....



**MEMORY AND NOSTALGIA IN ISHIGURO'S
NEVER LET ME GO**

Project Report Submitted in Partial Fulfillment of the Requirements for the

Award of Degree of Bachelor of Arts

In English of the University of Calicut

By

**STEPHY P S
PZAUAAGR22**

Under the guidance of

Ms. Alija Joseph

Assistant professor

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MARCH 2023

DEPARTMENT OF ENGLISH

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KERALA

CERTIFICATE

This is certify that the project entitled “**Memory and Nostalgia in Ishiguro's *Never Let Me Go***” submitted in partial fulfillment of the requirements for the Award of Degree Bachelor of Arts in English of the University of Calicut is a record of original research done by **Ms. Stephy PS** during the period 2022-2023 of her study in the Department of English, Pazhassiraja college, Pulpally, under my supervision and guidance.

Guide



Ms. Alija Joseph
Assistant Professor
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Joesna K Joseph
Assistant Professor & Head
Department of English
Pazhassiraja College,
Pulpally, Wayanad.

Viva voce Held on: 12/04/2023

Examiner

1

2



THE PORTRAYAL SPIRITUAL GROWTH IN PAULO

COELHO'S ALEPH

Project report submitted in partial fulfillment of the
Requirement for the award of degree of bachelor of arts in
English of the university of Calicut

By

VISMAYA.P.B

PZAUAEGR23

Under the guidance of

MS. DAYONA KURIYAN

Assistant professor

Department of English

Pazhassiraja college, pulppally, Wayanad

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MARCH 2023

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KERALA

CERTIFICATE

This is to certify that the project report entitled **THE PORTRAYAL SPIRITUAL GROWTH IN PAULO COELHO'S ALEPH** .Submitted by in partial Fulfillment of the requirement for the award of degree of bachelor of arts in English of the university of Calicut is a record originally research work done by **Ms. Vismaya. P.B** during the period (2022-2023) of her study in the department of English Pazhassiraja college Pulppally, wayanad under my supervision and guidance

Guide.


Ms. Dayona Kuriyan

Assistant professor.

Department of English.

Pazhassiraja college.

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Prof; Josena K Joseph

Assistant professor & head

Department of English

Pazhassiraja college

Pulppally Wayanad

Viva voce held on ; *12-04-2023.*

Examiner:

1:

2:



**A STUDY ABOUT QUEER LIVES REPRESENTED IN
MALAYALAM CINEMA BASED ON
GEETU MOHANDAS' *MOOTHON***

Project Report Submitted in Partial Fulfillment
of the Requirement for the Award of
Degree of Bachelor of Arts in English
of the University of Calicut

By

**AKSHAY KM
PZAUAAGR25**

Under the guidance of
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Head & Assistant professor
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Pazhassiraja college Pulpally, Wayanad

Ramesh K.G.

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MARCH 2023

DEPARTMENT OF ENGLISH PAZHASSIRAJA COLLEGE PULPALLY WAYANAD
KERALA

CERTIFICATE

This is to certify that the project report entitled A Study about queer lives Represented in Malayalam cinema based on Gectu Mohandas's *Moothon* submitted in partial fulfilment to the requirement of the Award of Degree of Bachelor of Arts in English of the University of Calicut is a record of original research work done by Mr. Akshay KM during the period (2022-2023) his study in the Department of English Pazhassiraja College, Pulpally, under my supervision and guidance.

Guide

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Ms. Josena K Joseph

Assistant Professor & Head
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Pazhassiraja college
Pulpally, Wayanad.

Viva held on: 24 | 12/04/23.

Examinar



**EFFECTS OF COLONISATION AND POST COLONISATION
IN ADICHIE'S HALF OF A YELLOW SUN**

Project report submitted in partial fulfilment
of the requirements for the Award of
Degree of Bachelor of Arts in English
of the University of Calicut

By

**ANTO
PZAUAEGR26**

Under the guidance of
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Assistant Professor
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Ramesh K.G.

Dr. Ramesh K.G., MA, MPhil, PhD
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MARCH 2023
DEPARTMENT OF ENGLISH
PAZHASSIRAJA COLLEGE PULPALLY, WAYANAD,
KERALA

CERTIFICATE

This is to certify that the project report entitled "EFFECTS OF COLONISATION AND POST COLONISATION IN ADICHIE'S *HALF OF A YELLOW SUN*" submitted in partial fulfilment of the requirements for the Award of Degree of Bachelor of Arts in English of the University of Calicut, a record of original research work done by **Mr. ANTO** during the period (2022-2023) of his study in the Department of English Pazhassiraja College, Pulpally, under my supervision and guidance.

Guide



Ms. Dayonakuriyan

Assistant professor Assistant professor & Head
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Ms. Josena K Joseph

Head of the Dept. of English
Department of English
Pazhassiraja College, Pulpally

Viva Voice Held on: 12/04/2023

Examiner:



GENDER DISCRIMINATION AND GENDER STEREOTYPES IN GONE GIRL

Project Report submitted in partial fulfillment of the requirements for the
award of Degree of Bachelor of Arts in English of the University of Calicut

By

ARJUN. S

PZAU/AEGR27

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Arjun S.

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MARCH 2023

DEPARTMENT OF ENGLISH

PAZHASSIRAJA COLLEGE, PULPALLY

WAYANAD, KERALA

CERTIFICATE

This is to certify that the project report entitled "**GENDER DISCRIMINATION AND GENDER STEREOTYPES IN GONE GIRL**", submitted in partial fulfillment of the requirements for the Award of Degree of Bachelor of Arts in English of the University of Calicut is recorded of original research work done by Mr. ARJUN. S during the period (2022-2023) of his study in the Department of English, Pazhassiraja College, Pulpally, under my supervision and guidance.

Guide



Ms. THERES DIVIA SEBASTIAN

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Ms. JOSENA K JOSEPH

Assistant professor & Head

Department of English

Pazhassiraja college

Pulpally, Wayanad

Viva voice held on: 18/04/2023

Examiner:



**HANNAH BAKER'S EGOISTIC SUICIDE IN JAY ASHER'S
THIRTEEN REASON WHY**

Project report submitted in partial fulfillment of the requirement for the
award of degree of Bachelor of Arts in English of the University of Calicut

By

**LEONARDO SAJI
PZAUAAGR28**

Under the guidance of

Ms.DAYONA KURIYAN

Assistant professor

Department of English

Pazhassiraja college Pulpally, Wayanad

Ramesh K.G.

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Assistant Professor
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St. Mary's College
Sulthan Bathery-673 592




MARCH 2023

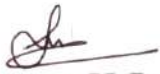
**DEPARTMENT OF ENGLISH
PAZHASSIRAJA COLLEGE
PULPALLY WAYANAD KERALA**

CERTIFICATE

This is to **Egoistic Suicide of Hannah Baker's in Jay Asher's** *Thirteen Reasons why* certify that the project Why entitled is a record of the studies and research carried out by Mr. **Leonardo Saji** during the period(2022-2023) of His study in the department of English Pazhassiraja college Pulpally, Wayanad under my supervision and guidance submitted to the university of Calicut in partial fulfillment of the requirement of the degree of bachelor of arts in English.

Guide


Ms. Dayona Kuriyan
Assistant professor
Department of English
Pazhassiraja college
Pulpally, Wayanad


Ms. Josena K Joseph
Assistant Professor & Head
Department of English
Pazhassiraja Collage
Pulpally, Wayanad

Viva Voce Held on: 12/04/2023

Examiner:



**NANOENCAPSULATION OF BIOPOLYMER WITH
ERYTHROMYCIN FOR DRUG DELIVERY**

Dissertation submitted to Calicut University in partial fulfillment
of requirements for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

AISWARYA GOPI

Reg. No. PZAVMMB001

GUIDED BY:Dr.MEKALA M

CO GUIDED BY:Mrs.JAYASUDHA M



DEPARTMENT OF MICROBIOLOGY

**PAZHASSIRAJA COLLEGE
PULPALLY, WAYANAD**



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Pulpally – 673 579, Wayanad, Kerala.

Date:

CERTIFICATE

This is to certify that the dissertation entitled “NANOENCAPSULATION OF BIOPOLYMER WITH ERYTHROMYCIN FOR DRUG DELIVERY” is a bonafide record of the work done by Ms. AISWARYA GOPI, Department of Microbiology, Pazhassiraja College, Pulpally, during the academic year 2021 – 2023 for the award of Master of Science in Microbiology of the University of Calicut. This is an authentic record of the research carried out under the guidance and supervision of Dr. Mekala.M, Director of Micro Biotek lab, Sowripalayam, Coimbatore and Mrs. Jayasudha M, Asst. professor, Department of Microbiology, Pazhassiraja College, Pulpally, Wayanad. The work has not been submitted for any other degree or diploma earlier


Co Guided

Mrs. Jayasudha M


Asst. professor

Dept. of Microbiology

Examiners:

1

2


Ms. Vijisha M C

Head of the Department

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Pazhassiraja College
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Mr. Abdul Bari K.K.
Principal



MICRO BIOTEK

UDYAM-TN-03-0080894

Date: 19/06/2023

CERTIFICATE

This is to certify that **Ms. Aiswarya Gopi**, studying II M.Sc Microbiology, **Pazhassi Raja College, Pulpally, Wayanad, Kerala**, has completed her Project entitled "NANOENCAPSULATION OF BIOPOLYMER WITH ERYTHROMYCIN FOR DRUG DELIVERY". She has successfully completed her work for 100 hours.



Dr. Mekala.M

Director

Micro Biotek

**NANOENCAPSULATION OF BIOPOLYMER WITH
ERYTHROMYCIN FOR DRUG DELIVERY**

Dissertation submitted to Calicut University in partial fulfillment
of requirements for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

AISWARYA GOPI

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GUIDED BY:Dr.MEKALA M

CO GUIDED BY:Mrs.JAYASUDHA M



DEPARTMENT OF MICROBIOLOGY

**PAZHASSIRAJA COLLEGE
PULPALLY, WAYANAD**



MICRO BIOTEK

UDYAM-TN-03-0080894

Date: 19/06/2023

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This is to certify that Ms. Aiswarya Gopi, studying II M.Sc Microbiology, Pazhassi Raja College, Pulpally, Wayanad, Kerala, has completed her Project entitled "NANOENCAPSULATION OF BIOPOLYMER WITH ERYTHROMYCIN FOR DRUG DELIVERY". She has successfully completed her work for 100 hours.



Dr. Mekala M

Director

Micro Biotek



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Pulpally – 673 579, Wayanad, Kerala.

Date:

CERTIFICATE

This is to certify that the dissertation entitled “**NANOENCAPSULATION OF BIOPOLYMER WITH ERYTHROMYCIN FOR DRUG DELIVERY**” is a bonafide record of the work done by **Ms. AISWARYA GOPI**, Department of Microbiology, **Pazhassiraja College, Pulpally**, during the academic year 2021 – 2023 for the award of **Master of Science in Microbiology** of the University of Calicut. This is an authentic record of the research carried out under the guidance and supervision of **Dr. Mekala.M**, Director of Micro Biotek lab, Sowripalayam, Coimbatore and **Mrs. Jayasudha M**, Asst. professor, Department of Microbiology, **Pazhassiraja College, Pulpally, Wayanad**. The work has not been submitted for any other degree or diploma earlier

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Examiners:

2

Ms. Vijisha M C

Head of the Department

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Pulpally (P.O), Wayanad

Mr. Abdul Bari K.K.
Principal

FORMULATION OF WAX AND MOISTURIZER USING
Aloe barbadensis miller **WITH THE BIOPOLYMER**
EXTRACTION FROM *Bacillus sp*, AS A VEGETABLE AND
FRUIT WAX AND AS A SKIN MOISTURIZER

Dissertation submitted to Calicut University

In partial fulfillment of requirements for the award of the degree of
MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

AISWARYA P.V

Reg. No. PZAVMMB003

GUIDED BY Dr. MEKALA. M

CO GUIDED BY: Ms. JAYASUDHA M



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Date: 19/06/2023

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This is to certify that Ms. Aiswarya P. V, studying, II M.Sc. Microbiology Pazhassi Raja College, Pulpally, Wayanad, Kerala, has completed her Project entitled "FORMULATION OF WAX USING *Aloe barbadensis* MILLER WITH THE BIOPOLYMER EXTRACTION FROM *Bacillus* sp AS A VEGETABLE AND FRUIT WAX AND AS A SKIN MOISTURIZER". She has successfully completed her work for 100 hours.




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CERTIFICATE

This is to certify that the dissertation entitled “**FORMULATION OF WAX AND MOISTURIZER USING *Aloe barbadensis miller* WITH THE BIOPOLYMER EXTRACTION FROM *Bacillus sp.* AS A VEGETABLE AND FRUIT WAX AND AS A SKIN MOISTURIZER**” is a bonafide record of the work done by **Ms. AISWARYA P V**, Department of Microbiology, Pazhassiraja College, Pulpally, during the academic year 2021 – 2023 for the award of **Master of Science in Microbiology** of the University of Calicut. This is an authentic record of the research carried out under the guidance and supervision of **Dr. Mekala.M**, Director of Micro Biotek lab, Sowripalayam, Coimbatore and **Ms. Jayasudha M**, Asst. professor, Department of Microbiology, **Pazhassiraja College**, Pulpally, Wayanad. The work has not been submitted for any other degree or diploma earlier.

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Ms. Vijisha M C

Head of the Department

Dept. of Microbiology

Examiners:

1

2

Department of Microbiology
Pazhassiraja College
Pulpally (P.O), Wayanad

**“ISOLATION OF ALPHA AMYRIN FROM PIGMENTED
FUNGI AND ITS APPLICATION STUDIES”**

**Dissertation submitted to Calicut University
in partial fulfilment of requirements for the award of the degree of**

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

AJAL SHAJI

Reg. No. PZAVMMB015

Guided by

Dr. Sreedevi. R



DEPARTMENT OF MICROBIOLOGY

PAZHASSIRAJA COLLEGE

PULPALLY, WAYANAD



PAZHASSIRAJA COLLEGE, PULPALLY

"Reaccredited by NAAC with A+"

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<https://www.prc.ac.in/>

Pulpally – 673 579, Wayanad, Kerala.

Date:

CERTIFICATE

This is to certify that the dissertation entitled "ISOLATION OF ALPHA AMYRIN FROM PIGMENTED FUNGI AND ITS APPLICATION STUDIES" is a bonafide record of the work done by **Mr. AJAL SHAJI**, Department of Microbiology, Pazhassiraja College, Pulpally, during the academic year 2021– 2023 for the award of **Master of Science in Microbiology** of the University of Calicut. This is an authentic record of the research carried out under the guidance and supervision of **Dr. Sreedevi. R**, Asst. professor, Department of Microbiology, Pazhassiraja College, Pulpally. The work has not been submitted for any other degree or diploma earlier.

Dr. Sreedevi. R
Guide
Asst. professor
Dept. of Microbiology

Sreedevi

Dr. Sreedevi. R
M.Sc, M.Phil, Ph.D
Assistant Professor
Department of Microbiology
Pazhassiraja College
Wayanad - 673 579

Mr. Abdul Bari K K
Principal (in charge)

Ms. Vijisha M. C
HOD (in charge)

Department of Microbiology
Pazhassiraja College
Pulpally(P.O), Wayanad

Examiners:

1.

2.

**ISOLATION AND SCREENING OF NOVEL *Cry* PROTEIN
PRODUCING *BACILLUS THURINGIENSIS* FROM SOIL IN
VARIOUS REGIONS OF MALAPPURAM**

Dissertation submitted to Calicut University
in partial fulfilment of requirements for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by
AMRUTHA RAJAN M
Reg. No. PZAVMMB004

Guided by
Dr. Anup Kumar K

Co-guided by
Dr. Sreedevi R



DEPARTMENT OF MICROBIOLOGY

**PAZHASSIRAJA COLLEGE
PULPALLY, WAYANAD**



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Date:.....

CERTIFICATE

This is to certify that the dissertation entitled “ISOLATION AND SCREENING OF NOVEL *Cry* PROTEIN PRODUCING *BACILLUS THURINGIENSIS* FROM SOIL IN VARIOUS REGIONS OF MALAPPURAM” is a bonafide record of the work done by Ms AMRUTHA RAJAN M, Dept of Microbiology, Pazhassiraja College, Pulpally, during the academic year 2021 – 2023 or the award of Master of Science in Microbiology of the University of Calicut. This is an authentic record of the research carried out under the guidance and supervision of Dr Sreedevi R, Asst. Professor, Department of Life Sciences, Pazhassiraja College, Pulpally. The work has not been submitted for any other degree or diploma earlier.

Dr. Sreedevi.R
Co-Guide
Asst. professor
Dept. of Microbiology

Sreedevi
Dr. Sreedevi R
M.Sc, U.Phill, Ph.D
Assistant Professor
Department of Microbiology
Pazhassiraja College
Wayanad - 673 579

[Signature]
Mr. Abdul Bari K K
Principal (in charge)

Examiners:

1. *[Signature]*
2. *[Signature]*

[Signature]
Ms. Vijisha M C

HOD (in charge)

Department of Microbiology
Pazhassiraja College
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DEPARTMENT OF BIOTECHNOLOGY AND MICROBIOLOGY

School of Life Sciences

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Date: 30/06/2023

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This is to certify that the project work entitled "Isolation and screening of novel cry protein producing *Bacillus thuringiensis* in soil from various regions of Malappuram" was carried out by Ms. Amrutha Rajan. M student of MSc. Microbiology, Pazhassi Raja College, Pulpally under my supervision and guidance during the period of February 2023 - April 2023 at the Department of Biotechnology and Microbiology, Kannur University, Dr. Janaki Ammal Campus, Palayad, and no part of the report has been submitted for any other degree or diploma of any other university.

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Place

**ISOLATION AND SCREENING OF NOVEL *Cry* PROTEIN
PRODUCING *BACILLUS THURINGIENSIS* FROM SOIL IN
DIFFERENT REGIONS OF KANNUR**

Dissertation submitted to Calicut University
in partial fulfilment of requirements for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by
ANAGHA K
Reg. No. PZAVMMB005

Guided by
Dr Anup Kumar K

Co-guided by
Dr Sreedevi R



DEPARTMENT OF MICROBIOLOGY

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CERTIFICATE

This is to certify that the dissertation entitled “ISOLATION AND SCREENING OF NOVEL *Cry* PROTEIN PRODUCING *BACILLUS THURINGIENSIS* FROM SOIL IN DIFFERENT REGIONS OF KANNUR” is a bonafide record of the work done by Ms. ANAGHA K, Dept of Microbiology, Pazhassiraja College, Pulpally, during the academic year 2021 – 2023 or the award of Master of Science in Microbiology of the University of Calicut. This is an authentic record of the research carried out under the guidance and supervision of **Dr Sreedevi R**, Asst. Professor, Department of Life Sciences, Pazhassiraja College, Pulpally. The work has not been submitted for any other degree or diploma earlier.

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Vijitha M C
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**ISOLATION AND SCREENING OF NOVEL *Cry* PROTEIN
PRODUCING *BACILLUS THURINGIENSIS* FROM SOIL IN
DIFFERENT REGIONS OF KANNUR**

**Dissertation submitted to Calicut University
in partial fulfilment of requirements for the award of the degree of**

MASTER OF SCIENCE IN MICROBIOLOGY

**Submitted by
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Head of the Department

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**PHARMACOGNOSTIC STUDIES OF
CURCUMA CAESIA**

Dissertation submitted to Calicut University
in partial fulfilment of requirements for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

ANASWARA SANTHOSH

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Guided by

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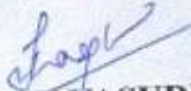
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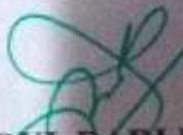
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This is to certify that the dissertation entitled **“PHARMACOGNOSTIC STUDIES OF CURCUMA CAESIA”** is a bonafide record of the work done by **Ms. ANASWARA SANTHOSH**, Department of Microbiology, **Pazhassiraja College**, Pulpally, during the academic year 2021 – 2023 for the award of **Master of Science in Microbiology** of the University of Calicut. This is an authentic record of the research carried out under the guidance and supervision of **Mrs. Jayasudha M**, Asst.professor, Department of Microbiology, **Pazhassiraja College**, Pulpally. The work has not been submitted for any other degree or diploma earlier.


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- 1.
- 2.

Department of Microbiology
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**“COMPARISON BETWEEN SYNTHETIC AND AGROCHEMICAL
WASTE FOR PROTEASE PRODUCTION”**

**Dissertation submitted to Calicut University
in partial fulfilment of requirements for the award of the degree of**

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

APARNA S RAMESH

Reg. No. PZAVMMB008

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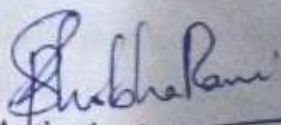
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DEPARTMENT OF MICROBIOLOGY

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This is to certify that this dissertation entitled "Comparison between synthetic and agrochemical waste for protease production" is a bonafide research work done by **Ms. Aparna. S Ramesh** (PZAVMMB008), Post graduate student, Department of Microbiology, Pazhassiraja College, Pulpally, under my guidance at GENESPY Research Services, Mysore, Karnataka in partial fulfillment of the requirement for the degree of Master of Science in Microbiology.


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
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This is to certify that the dissertation entitled “COMPARISON BETWEEN SYNTHETIC AND AGROCHEMICAL WASTE FOR PROTEASE PRODUCTION” is a bonafide record of the work done by **Ms. APARNA S RAMESH**, Department of Microbiology, **Pazhassiraja College, Pulpally**, during the academic year 2021– 2023 for the award of **Master of Science in Microbiology** of the University of Calicut. This is an authentic record of the research carried out under the guidance and supervision of **Dr. Shobha Rani. P**, Founder and CEO, GENESPY Research Services, Mysore and **Dr. Sreedevi R** Asst. professor, Department of Microbiology, **Pazhassiraja College, Pulpally, Wayanad. and Co guided by Dr. Sreedevi. R**, Asst. professor, Department of Microbiology, Pazhassiraja College, Pulpally. The work has not been submitted for any other degree or diploma earlier.

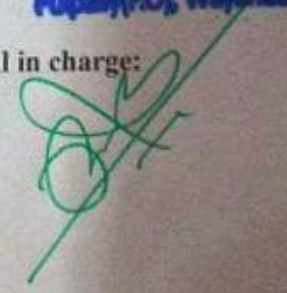
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A potential L-glutaminase from *Klebsiella pneumoniae* isolated from soil: In-silico analysis and structural modeling

**Dissertation submitted to Calicut University
In partial fulfillment of requirements for the award of the
degree of
MASTER OF SCIENCE IN MICROBIOLOGY**

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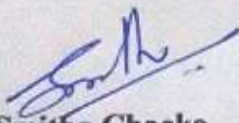
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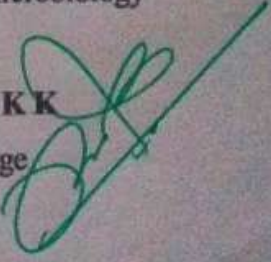
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This is to certify that the dissertation entitled "**A potential L-glutaminase from *Klebsiella pneumonia* isolated from soil: In-silico analysis and structural modeling**" is a bonafide record of the work done by **Ms. ASWATHI A A**, Department of Microbiology, **Pazhassiraja College**, Pulpally, during the academic year 2021-2023 for the award of **Master of Science in Microbiology** of the University of Calicut. This is an authentic record of the research carried out under the guidance and supervision of **Ms. SMITHA CHACKO**, Asst. Professor, Department of Microbiology, Pazhassiraja College, Pulpally. The work has not been submitted for any other degree or diploma earlier.


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**“COMPARATIVE MOLECULAR DOCKING STUDIES OF
ALPHA AMYRIN USING AUTODOCK ”**

**Dissertation submitted to Calicut University
in partial fulfilment of requirements for the award of the degree of**

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**STUDY ON JUSTICIA ADATHODA FOR ITS POTENTIAL
PHARMACOLOGICAL ACTIVITIES.**

**Dissertation submitted to Calicut University
in partial fulfilment of requirements for the award of the degree of**

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Submitted by

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Date:.....

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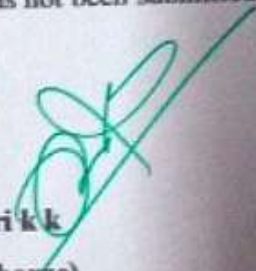
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Mrs. Jayasudha M

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Ms. Vijisha M C
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Department of Microbiology
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**DEVELOPMENT OF COTTON FABRIC WITH
BIOPOLYMER FINISHES FOR SURGICAL AND
PATIENT GOWNS, SATISFY THE PHYSICAL,
CHEMICAL AND ANTIMICROBIAL PROPERTIES**

Dissertation submitted to Calicut University

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

MASTER OF SCIENCE IN MICROBIOLOGY

Guided by,

Dr. Mekala. M

Co guided by,

Ms. Jayasudha M

Submitted by

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MICRO BIOTEK

UDYAM-TN-03-0080894

Date: 19/06/2023

CERTIFICATE

This is to certify that **Ms.Meghna. B. Sunith** studying, II M.Sc Microbiology **Pazhassi Raja College, Pulpally, Wayanad, Kerala**, has completed her Project entitled "DEVELOPMENT OF COTTON FABRIC WITH BIOPOLYMER FINISHES FOR SURGICAL AND PATIENT GOWNS, SATISFY THE PHYSICAL, CHEMICAL AND ANTIMICROBIAL PROPERTIES". She has successfully completed her work for 100 hours.



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Director

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Date: ..1-08-2023..

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This is to certify that the dissertation entitled “ **DEVELOPMENT OF COTTON FABRIC WITH BIOPOLYMER FINISHES FOR SURGICAL AND PATIENT GOWNS, SATISFY THE PHYSICAL CHEMICAL AND ANTIMICROBIAL PROPERTIES** ” is a bonafide record of the work done by **Ms. MEGHNA B SUNITH**, Department of Microbiology, Pazhassiraja College, Pulpally, during the academic year 2021 – 2023 for the award of **Master of Science in Microbiology** of the University of Calicut. This is an authentic record of the research carried out under the guidance and supervision of **Dr. Mekala.M**, Director of Micro Biotek lab, Sowripalayam, Coimbatore and **Ms. Jayasudha M**, Asst. professor, Department of Microbiology, Pazhassiraja College, Pulpally, Wayanad. The work has not been submitted for any other degree or diploma earlier.

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Ms. Vijisha M C

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Ms. Jayasudha M
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Examiners:

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Department of Microbiology
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**OPTIMIZATION OF CULTURE CONDITIONS FOR PRODUCTION OF
THE ANTI-LEUKEMIC L-ASPARAGINASE BY A STREPTOMYCES SPP.
USING RESPONSE SURFACE METHODOLOGY**

**Dissertation submitted to Calicut University
in partial fulfilment of requirements for the award of the degree of**

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

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This is to certify that the dissertation entitled "OPTIMIZATION OF CULTURE CONDITIONS FOR PRODUCTION OF THE ANTI-LEUKEMIC L-ASPARAGINASE BY A STREPTOMYCES SPP. USING RESPONSE SURFACE METHODOLOGY" is a bonafide record of the work done by **Ms. MIRNA PARHANA**, Department of Microbiology, Pazhassiraja College, Pulpally, during the academic year 2021-2023 for the award of **Master of Science in Microbiology** of the University of Calicut. This is an authentic record of the research carried out under the guidance and supervision of **Ms. VIJISHA M. C**, Asst. professor, Department of Life Sciences, Pazhassiraja College, Pulpally. The work has not been submitted for any other degree or diploma earlier.

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**PHYTOCHEMICAL AND PHARMACOLOGICAL
PROFILE OF *Vitex negundo***

Dissertation submitted to Calicut University

in partial fulfilment of requirements for the award of the degree of

MASTER OF SCIENCE IN MICROBIOLOGY

Submitted by

MUHSINA K M

Reg. No. PZAVMMB014

Under the guidance of

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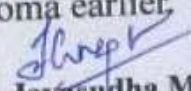
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- 2.

**"ISOLATION OF PIGMENTED FUNGI, CHARACTERISATION OF
ITS PIGMENT AND APPLICATION STUDIES"**

**Dissertation submitted to Calicut University
in partial fulfilment of requirements for the award of the degree of**

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CERTIFICATE

This is to certify that the dissertation entitled "**ISOLATION OF PIGMENTED FUNGI, CHARACTERISATION OF ITS PIGMENT AND APPLICATION STUDIES**" is a bonafide record of the work done by **Mr. SIBIN P S**, Department of Microbiology, **Pazhassiraja College**, Pulpally, during the academic year 2021- 2023 for the award of **Master of Science in Microbiology** of the University of Calicut. This is an authentic record of the research carried out under the guidance and supervision of **Dr. Sreedevi. R**, Asst. professor, Department of Microbiology, Pazhassiraja College, Pulpally. The work has not been submitted for any other degree or diploma earlier.

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