

University Department of Chemical Technology,
Sant Gadge Baba Amravati University, Amravati



CERTIFICATE

This is to certify that

Ku. Harsha Bhagwat Bandre
Ku. Kajal Sharadrao Badukale

Has satisfactorily completed the dissertation work entitled, “**DETERMINATION OF TRANS FATTY ACID IN SAMOSA**” for the partial fulfillment of the Degree of Bachelor of Technology (B.Tech) specialization in Food technology, SANT GADGE BABA AMRAVATI University, Amravati is record of bonafide work carried out by him under our guidance and supervision in the academic year 2019-2020.

Project Guide:

Dr. P. A. Pawar
(Assistant professor & Head of Food technology)

Dr. G. M. Hend
(Assistant Professor)

Date:

Dr. V. S. Sapkal
(Professor and H.O.D)

Place:

CERTIFICATE

This is to certify that the seminar entitled "PAAN LADDU" submitted in partial fulfilment of the requirement for the degree of **Bachelor of Technology (Chemical technology)** with specialization in **Food Technology** of the College of Under - Graduate studies, Sant Gadge Baba Amravati University, Amravati, is a record of bonafide Seminar report carried out by **Miss. RUPALI T. DAGWALE & Miss. PRATIKSHA R. DATIR** under our supervision during the academic year **2019-2020**. The assistance and help received during the course of this investigation have been duly knowledge.



Dr. P.A. PAWAR

(Associate Professor)

Dr. G. M. HEND

(Associate Professor)

Dr.V.S. SAPKAL

(Professor and H.O. D)

➤ DATE:

➤ PLACE: AMRAVATI

CERTIFICATE

This is to certify that the major-project entitled "DEVELOPMENT OF CURD FORM COCONUT MILK" submitted in partial fulfilment of the requirement for the degree of **Bachelor Of Technology (Chemical Technology)** with specialization in **Food Technology** of the college of Under-Graduate studies, Sant Gadge Baba Amravati University, Amravati, is a record of a bonafied seminar report carried out by **Mr. Rushikesh R Bodkhe AND Mr. Akash D ambhore** under our supervision during the academic year 2019-2020.

The assistance and help received during the course of this investigation have then duly acknowledged.



Dr. P.A. Pawar Sir

(Associate Professor & head of food technology)

Dr. V.S. Sapkal Sir

(Professor and H.O.D.)

Date:

Place: Amravati

**UNIVERSITY DEPARTMENT OF CHEMICAL TECHNOLOGY
SANT GADGE BABA AMRAVATI UNIVERSITY
AMRAVATI**



Certificate

This is to certify that

Ku. SHREYA DEVENDRA CHAKOLE
Ku. AVANTI SANDIP CHOUDHARI

Has satisfactorily completed the dissertation work entitled, “**GLUTEN FREE BREAD**” for the partial fulfillment of the Degree of Bachelor of Technology (B.Tech) specialization in Food technology, SANT GADGE BABA AMRAVATI University, Amravati is record of bonafide work carried out by him under our guidance and supervision in the academic year 2019-2020.

Project Guide:

A handwritten signature in black ink, appearing to read 'P. A. Pawar', is written over the printed name of the project guide.

Dr. P. A. PAWAR SIR

Assistant professor & Head of Food technology
University Department of Chemical Technology,
Sant Gadge Baba Amravati University,
Amravati

UNIVERSITY DEPARTMENT OF CHEMICAL TECHNOLOGY
SANT GADGE BABA AMRAVATI UNIVERSITY
AMRAVATI



Certificate

This is to certify that

Ku. Lina Suresh Rao Darokar
Ku. Akanksha Kishor Bhagat

Has satisfactorily completed the dissertation work entitled, “**OATS ENERGY BAR**” for the partial fulfillment of the Degree of Bachelor of Technology (B.Tech) specialization in Food technology, SANT GADGE BABA AMRAVATI University, Amravati is record of bonafide work carried out by him under our guidance and supervision in the academic year 2019-2020.

Project Guide:

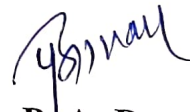
Dr. P. A. PAWAR SIR

Assistant professor & Head of Food technology
University Department of Chemical Technology,
Sant Gadge Baba Amravati University,
Amravati

CERTIFICATE

This is to certify that the major-project entitled “**Production of Soya Milk & Soya Curd** ” submitted in partial fulfilment of the requirement for the degree of **Bachelor Of Technology (Chemical Technology)** with specialization in **Food Technology** of the college of Under-Graduate studies, Sant Gadge Baba Amravati University, Amravati, is a record of a bonafied seminar report carried out by **Mr. Shubham A. Bankar & Mr. Chatrapati B. Mandwe** under our supervision during the academic year 2019-2020.

The assistance and help received during the course of this investigation have then duly acknowledged.



Dr. P. A. Pawar Sir

(Associate Professor & head of food technology)

Dr. V.S. Sapkal sir

(head of Department of Chemical Technology)

Date:

Place: Amravati

CERTIFICATE

This is certify that

Mr. VAIBHAV S. KHAWSE
Mr. ROSHAN G. BHUYAR

B.Tech , Final Year (Food technology)

Has completed his minor project work entitled

“RED WINE”

Which is being submitted for the partial fulfillment of the award of

Degree of Bachelor of Technology (Chemical Technology)

Specialization in

Food technology

During the academic year 2019-2020.

Guide

Dr. G. M. HEND

Dr. P. A. PAWAR

University Department of Chemical Technology

Sant Gadge Baba Amravati University

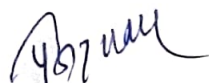
Amravati.

Session 2019-2020

C E R T I F I C A T E

This is to certify that the seminar entitled “**Almond yoghurt**” submitted in partial fulfillment of the requirements for the degree of **Bachelor of Technology (Chemical Technology)** with specialization in **Food Technology** of the college of Under-Graduate studies, Sant Gadge Baba Amravati University, Amravati is a record of bona-fide project report carried out by **Miss. Srushti Hingankar and Mr. Abhilash Arbal** under our supervision during the academic year 2019-2020.

The assistance and help received during the course of this investigation have been duly acknowledged.



Dr. P. A. Pawar

(Associate Professor)

Mr. G.M. Hend

(Assistant Professor)

Date:-

Place:-

University Department Chemical Technology,
SantGadge Baba Amravati University Amravati
Session 2019-2020

CERTIFICATION

This is to certify that the major project entitled “**GLUTEN FREE RAGI COOKIES**” submitted in partial fulfillment of the requirement for the **degree of Bachelor of Technology (Chemical Technology)** with **specialization in Food Technology** of the college of under-graduation studies. **Sant Gadge Baba Amaravati University, Amaravati**, is a record of a bonafied seminar report carried out by **Miss. Arati Kashinath Parab** under our supervision during the academic year 2020-2021.

The assistance and help received during the course of this investigation have then duly acknowledged.



Dr. P.A. Pawar

(Associate professor and head of Food Technology)

Dr. P. A. PAWAR
Associate Professor
Department of Chemical Technology
Sant Gadge Baba Amravati University
Amravati

Date:

Place: Amaravati

Certificate

This is to certify that project work entitled,

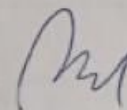
“Development Of Jal Shakti Campus Using Membrane Technology”

Submitted by

Mr. Nikhil Dilipkumar Belokar

M.Tech. Chemical Technology
(Membrane And Sepration Technology)

As a partial fulfilment Degree of Master of Chemical Technology has been carried out satisfactory under my guidance and to my satisfaction. During project work they were found to be hardworking and enthusiastic.



Dr. V. S. Sapkal
(Professor and Head)

Date:

Place:

University Department of Chemical Technology
Sant Gadge Baba Amravati University, Amravati


2019-2020

CERTIFICATE

This is to certify that the major-project entitled "PREPARATION OF NAILPAINT" submitted in partial fulfilment of the requirement for the degree of **Bachelor Of Technology (Chemical Technology)** with specialization in **Oil and paint Technology** of the college of Under-Graduate studies, SantGadge Baba Amravati University, Amravati, is a record of a bonafied seminar report carried out by **Ku. Aditi G. Awatar & Ku.SmitaHarshe** under our supervision during the academic year 2019-2020.

The assistance and help received during the course of this investigation have then duly acknowledged.

Date: 18/03/2020
Place: Amravati


Dr. P. B. Shingwekar
Dr. P. B. Shingwekar
Asst. Professor in Oil & Paint Technology
Deptt. of Chemical Technology
S.G.B. Amravati University
Amravati - 444602

CERTIFICATE

This is to certify that

MR. KISAN T. BHANGARE. & MR. MOHAMMAD SHAUZIB.

Fourth Year, B.Tech. (Oil & Paint Technology) *has completed his project work entitled “ Manufacturing of Metal Furniture Metal ”*

which is being submitted for the partial fulfilment of the award of Degree of Bachelor of Technology (Chemical Technology)

Specialization in Oil & Paint Technology during the academic year 2019-2020



Dr. P. B. Shingwekar

Dr. P. B. Shingwekar

Asst. Professor in Oil & Paint Technology


Dept. of Chemical Technology

S.G.B. Amravati University

Amravati - 444602

CERTIFICATE

The is to certify that, this seminar report titled “**PREPARATION OF HYDROXYLATED ACRYLIC RESIN**” by **Mr. Maheshsing R. Khutpale & Mr .Prajit S. Khawshi** submitted for the partial fulfilment of the award of Degree of Bachelor of Technology (Chemical Technology), specialization in Petrochemical Technology during the academic year 2019-2020.


Dr. P.B. Shingwekar
Asst. Professor in Oil & Paint Technology
Dept. of Chemical Technology
S.G.B. Amravati University
Amravati - 444602

CERTIFICATE

This is to certify that, Antifouling project report on Study ANTIFOULING PAINT by **Mr. Harshal R. Bagul and Mr. Shubham K. Masane** submitted for the partial fulfilment of the award of Degree of Bachelor of Technology (Chemical Technology), Specialization in Oil and Paint Technology during the academic year 2019-2020.



Dr. P. B. Shingwekar
Dr. P. B. Shingwekar

Asst. Professor in Oil & Paint Technology
Deptt. of Chemical Technology
S.G.B. Amravati University
Amravati - 444602

Certificate

This is to certify that the major-project entitled "Manufacturing of emulsion paint" submitted in partial fulfilment of the requirement for the degree of **Bachelor Of Technology (Chemical Technology)** with specialization in **Oil and paint Technology** of the college of Under-Graduate studies, SantGadge Baba Amravati University, Amravati, is a record of a bonafied seminar report carried out by **Ku. Ruchika K. Selokar AND Mr. Akash A. Upase** under our supervision during the academic year 2019-2020. The assistance and help received during the course of this investigation have then duly acknowledged.



Dr. P. B. Shingwekar
Dr. P. B. Shingwekar
Asst. Professor in Oil & Paint Technology
Deptt. of Chemical Technology
S.G.B. Amravati University
Amravati - 444602

CERTIFICATE

This is to certify that, this project report on Study SOLVANTLESS EPOXY COATING by **Mr. Mayur D. Jadhav and Mr. Shubham R. Wankhade** is being submitted for the partial fulfilment of the award of Degree of Bachelor of Technology (Chemical Technology), Specialization in Oil and Paint Technology during the academic year 2019-2020.


Dr. P. B. Shingwekar
Dr. P. B. Shingwekar
Asst. Professor in Oil & Paint Technology
Deptt. of Chemical Technology
S.G.B. Amravati University
Amravati - 444602

UNIVERSITY DEPARTMENT OF CHEMICAL
TECHNOLOGY,
SANT GADGE BABA AMRAVATI UNIVERSITY,
AMRAVATI SESSION 2019-20

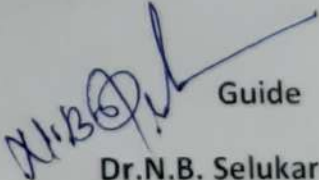


CERTIFICATE

This to certify that major project report titled "USE OF CAMPHOR AS A BLENDING AGENT IN PETROLEUM FUEL" by Miss.Pallavi S Gulhane, Miss.Poorvi P Soni, Miss.Pranjali P Chalkhure, Miss.Shraddha G Gahukar, Mr.Vivek V Gosavi is being submitted for the partial fulfilment of the award of Degree of Bachelor of Technology (Chemical Technology), specialization in Petrochemical Technology during the academic year 2019-2020.

Date:- 31/05/2020

Place: Amravati


Guide

Dr.N.B. Selukar

(Assist. Prof. Petrochemical
Technology)

UNIVERSITY DEPARTMENT OF
CHEMICAL TECHNOLOGY,
SANT GADGE BABA AMRAVATI
UNIVERSITY, AMRAVATI SESSION




CERTIFICATE

This to certify that seminar report titled "Material Balance over Vacuum Distillation & Design of True Boiling Point Apparatus" by **Miss. Astha S. Fedajwar, Miss. Radhika S. Gupta, Mr. Mrunal A. Shahare, Mr. Akshay Athawale, Mr. Mayur G. Chude,** is being submitted for the partial fulfilment of the award of Degree of Bachelor of Technology (Chemical Technology), specialization in Petrochemical Technology during the academic year 2019-2020.

DATE:- 31/05/2020

Place:-Amravati


Guide
Dr. N.B. Selukar.

(Assist. Prof. Petrochemical
Technology)

UNIVERSITY DEPARTMENT OF CHEMICAL
TECHNOLOGY
SANT GADGE BABA AMRAVATI UNIVERSITY,
AMRAVATI



CERTIFICATE

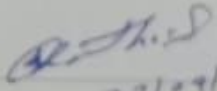
The is to certify that, this seminar report titled "THERMAL CRACKING AND ITS KINETICS" by Mr. Subodh V. Jangave, Mr. Mayur U. Thote, Mr. Sameer V. Pipare, Mr. Prajwal S. Suryavanshi, Mr. Siraj H. Tagale is being submitted for the partial fulfilment of the award of Degree of Bachelor of Technology (Chemical Technology), specialization in Petrochemical Technology during the academic year 2020-2021.

Head of the Department,

Dr. V. S. Sapkal

Date- _____

Place- Amravati


23/09/2020
Guide

Prof. A. L. Rathod

(Assist. Prof. Petro. Technology)

UNIVERSITY DEPARTMENT OF CHEMICAL
TECHNOLOGY
SANT GADGE BABA AMRAVATI UNIVERSITY,
AMRAVATI

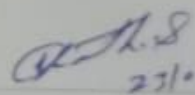


CERTIFICATE

This is to certify that, this major project report titled "Thermal Cracking of Used Lube Oil" by Mr. Kayyum Y. Sayyad, Mr. Atish A. Sonune, Mr. Vishal S. Raut, Mr. Harshal S. Bangade, Mr. Abhishek S. Deshmukh, Mr. Rahim R. Kazi is being submitted for the partial fulfilment of the award of Degree of Bachelor of Technology (Chemical Technology), specialization in Petrochemical Technology during the academic year 2020-2021.

Head of the Department,
Dr. V. S. Sapkal

Date-.....
Place- Amravati


23/01/2020

Guide
Prof. A. L. Rathod
(Asst. Prof. Petro. Technology)

UNIVERSITY DEPARTMENT OF CHEMICAL TECHNOLOGY
SANT GADGE BABA AMRAVATI UNIVERSITY
AMRAVATI



Certificate

This is to certify that

Mr. Mohammad Sajid Mohammad Wajid

Has satisfactorily completed the dissertation work entitled, “**DEVELOPMENT OF FIREWORKS**” for the partial fulfillment of the Degree of Bachelor of Technology (B.Tech) specialization in PULP AND PAPER technology. SANT GADGE BABA AMRAVATI University. Amravati is record of bonafide work carried out by him under our guidance and supervision in the academic year 2019-2020.

Project Guide:

Dr. V. S. Sapkal
Dr. V. S. Sapkal sir
Head Of Department.
University Department of Chemical Technology.
Sant Gadge Baba Amravati University.
Amravati

Department of Chemical Technology

SGBAU, Amravati.

CERTIFICATE

This is to certify that, this seminar report on **PRODUCTION OF ENERGY FROM INDUSTRIAL EFFLUENT** by Mr. Jayant V. Jadhav is being submitted for the partial fulfilment of the award of degree of Bachelor of Technology (pulp & paper technology) during the academic year 2019-2020

Date –

Place –



Dr. V. S. Sapkal

Head of department of chemical technology

SGBAU, Amravati.

CERTIFICATE

This is to certify that this Major project report is titled “**Paper as a Supercapacitor**” by **Mr. Vishal B. Malke** is being submitted for the partial fulfillment of the award of Degree of Bachelor of technology (Chemical Technology). Specialisation in Pulp and Paper Technology during academic year 2019-2020.



Dr. V. S. Sapkal

Prof. and Head of the Department

Department of Chemical Technology

SGBAU, Amravati.

CERTIFICATE

This is to certify that, this seminar report on "**STUDY OF ECONOMIC ENERGY OPTIMIZATION OF VARIOUS EQUIPMENTS THROUGH ENERGY AUDIT IN PAPER INDUSTRY**" by Miss. Gitika U. Vyas is being submitted for the partial fulfilment of the award of degree of Bachelor of Technology (pulp & paper technology) during the academic year 2019-2020

Date –

Place –



Dr. V. S. Sapkal

Head of department of chemical technology

SGBAU, Amravati.

**SANT GADGE BABA AMRAVATI UNIVERSITY,
AMRAVATI**

CERTIFICATE

This is to certify that, this major project report titled “Enzymatic Bleaching Process for **Environmental Protection**” by **Mr. Ashwin R. Dhote** is being submitted for the partial fulfillment of the Fourth Year (Eighth Semester) Bachelor of Technology (Chemical Technology), specialization in Pulp and Paper Technology during the academic year 2019-2020.



Guide

Dr. V. S. SAPKAL

(Prof. & Head of the Department)

Date: -

Place: - Amravati



(Dr. V. S. Sapkal)

Prof. & Head of the Department

CERTIFICATE



This is to certify that, this Project on Paper replacement for plastic (gelatin) in pharmaceutical use By **Mr. Harshal A. Pawaris** being submitted for the partial fulfillment of the award of Degree of Bachelor of Technology (Chemical Technology). Specialization in Pulp & Paper Technology during the academic year 2019-2020.

Date:

Place: Amravati

Head of Department
Dr. V. S. Sapkal

Guide
Dr. V. S. Sapkal

Department of Chemical Technology

SGBAU, Amravati.

This is to certify that, this seminar report on STUDY ON SUPERBATCH COOKING PROCESS WITH ADVANCED TECHNOLOGY by Miss. Gitanjali H. Konde is being submitted for the partial fulfilment of the award of degree of Bachelor of Technology (pulp & paper technology) during the academic year 2019-2020

Date --

Place --



Dr. V. S. Sapkal

Head of department of chemical technology
SGBAU, Amravati.

CERTIFICATE

This is to certify that **Mr. Mandar G. Phalak** has completed his Major Project topic "**Liginin separation for production development and their different lignin separation process**".

This Seminar is submitted in the partial fulfillment for the award of Degree of **BACHELOR OF CHEMICAL TECHNOLOGY**, Specialisation in **PULP AND PAPER TECHNOLOGY**, Amravati University, Amravati during academic year 2019-2020.



DR. P. A. PAWAR
Associate Professor
Department of Chemical Technology
Sant Gadge Baba Amravati University
Amravati


Dr. V. S. Sapkal
Prof. and Head of the
Department

**DEPARTMENT OF CHEMICAL TECHNOLOGY
SANT GADGE BABA AMRAVATI UNIVERSITY,
AMRAVATI**

-: CERTIFICATE :-

This is to Certify that the Report , “ **GREEN CHEMISTRY FOR PAPER MAKING** “ Submitted by: Mr. Piyush P. Ingale B. Tech Final Year (Pulp & Paper Technology). This is to certify that the Major Report entitled “Green Chemistry for Paper Making” submitted by Mr. Piyush P. Ingale is being submitted for the partial fulfilment for the Final Year (Eight Semester) Bachelor of Technology (Chemical Technology) specialization in Pulp and Paper Technology during the academic tear 2019-2020.

Guide
Dr. V. S. Sapkal
(Head of Department)


Dr. P. A. PAWAR
Associate Professor
Department of Chemical Technology
Sant Gadge Baba Amravati University
Amravati

Date :

Place :

**DEPARTMENT OF CHEMICAL TECHNOLOGY
SANT GADGE BABA AMRAVATI UNIVERSITY,
AMRAVATI**

-: CERTIFICATE :-

This is to Certify that the Report , “ **Treatment of Deinking Wastewater Using Activated Carbon From Rice Husk** “ Submitted by: Mr. Pawan P. Bang B. Tech Final Year (Pulp & Paper Technology). This is to certify that the Major Project entitled “Treatment of Deinking Wastewater Using Activated Carbon From Rice Husk” submitted by Mr. Pawan P. Bang is being submitted for the partial fulfillment for the Final Year (Seven Semester) Bachelor of Technology (Chemical Technology y) specialization in Pulp and Paper Technology during the academic year 2019-2020.



Guide
Dr. V. S. Sapkal
(Head of Department)

DR. P. A. PAWAR
Associate Professor
Department of Chemical Technology
Sant Gadge Baba Amravati University
Amravati

Date :

Place :