

S. D. M. College of Engineering & Technology
Dharwad – 580002


Department of Chemical Engineering

CERTIFICATE

Certified that the project work entitled “Extraction of cellulose nanocrystals from corncob and synthesis of biopolymer composites, its characterization and applications” is an original work carried out by Tanmayi Chandrashekhar, Komal D Bangera, Namrata T Badigannavar and Archana S Malekoppa in partial fulfillment for the award of degree of Bachelor of Engineering in Chemical branch of Engineering of S. D. M. College of Engineering & Technology under the Visvesvaraya Technological University, Belagavi during the year 2021-22. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the award of Bachelor of Engineering Degree.

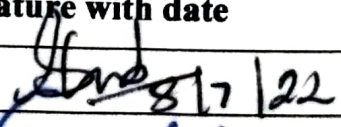
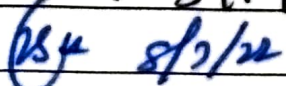

Signature of the Guide


Signature of the HOD


Signature of the Principal

Name and USN of the student: Tanmayi Chandrashekhar (2SD18CH029)
Komal D Bangera (2SD18CH014)
Namrata T Badigannavar (2SD18CH020)
Archana S Malekoppa (2SD18CH004)

Name and signature of the examiners:

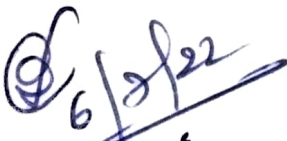
Sl.No.	Name	Signature with date
1	Dr. Shivaram Yr Adajani	 8/7/22
2	Dr. V. S. Hanumanth	 8/7/22

S. D. M. College of Engineering & Technology
Dharwad – 580002

Department of Chemical Engineering

CERTIFICATE

Certified that the project work entitled “**Design and fabrication of a system to capture ambient CO₂**” is an original work carried out by SAGIR K KHAN (2SD18CH013), SHASHANK M BALIGAR (2SD18CH025), PREKSHA KUMARI BAFNA (2SD18CH021), AYESHA NADAF (2SD18CH005) in fulfillment for the award of Bachelor of Engineering in branch of Chemical of S.D.M College of Engineering & Technology Under the Visvesvaraya Technological University, Belagavi during the year 2021-22. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the award of Bachelor of Engineering Degree.



Signature of the Guide

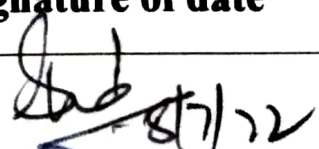
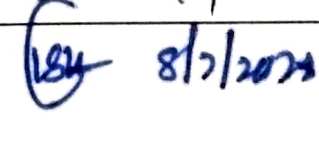


Signature of the HOD



Signature of the Principal

Name and signature of the examiners:

Sl. No.	Name	Signature of date
1.	Dr. Shivnand Y. Abagi	 8/7/22
2.	Dr. V. S. Hombalimath	 8/7/2022

S. D. M. College of Engineering & Technology

Dharwad – 580002

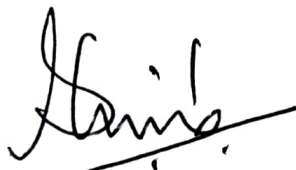
Department of Chemical Engineering

CERTIFICATE

Certified that the Internship project work entitled “**Synthesis of Zinc Oxide nanoparticles and its applications**” is an original work carried out by in partial fulfilment for the award of degree of Bachelor of Engineering in Chemical Engineering of S.D.M College of Engineering & Technology under the Visvesvaraya Technological University, Belagavi during the year 2021-22. The internship report has been approved as it satisfies the academic requirements in respect of work prescribed for the award of Bachelor of Engineering Degree.



Signature of the Guides



Signature of the HOD

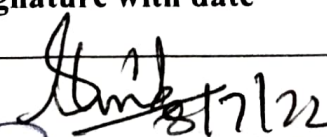
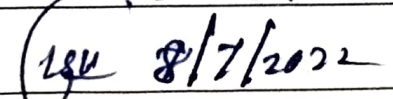


Signature of the Principal

Name of the student:

University Seat Number:

Name and signature of the examiners:

Sl. No.	Name	Signature with date
1	Dr. Shivayand Y. Adarcenti	 8/7/22
2	Dr. U. S. Hembalima	 8/7/2022

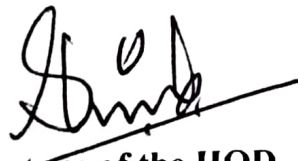
S. D. M. College of Engineering & Technology
Dharwad – 580002
Department of Chemical Engineering

CERTIFICATE

Certified that the project work entitled “To study and develop empirical model for simultaneous removal of COD and nitrates using spouted bed reactor” is an original work carried out by **D Shesither Reddy, Abhilash M S, Gourishankar P, Vrushabh H** in partial fulfilment for the award of degree of Bachelor of Engineering in Chemical Engineering of S. D. M. College of Engineering & Technology under the Visvesvaraya Technological University, Belagavi during the year 2021-22. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the award of Bachelor of Engineering Degree.


07/07/22

Signature of the Guide

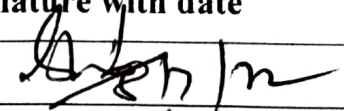
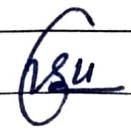


Signature of the HOD



Signature of the Principal

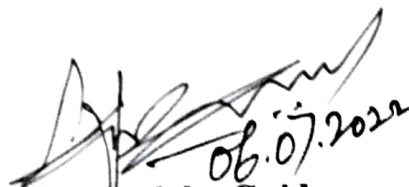
Name and signature of the examiners:

Sl. No.	Name	Signature with date
1	Dr. Shivaramanand Y. Adagudi	
2	Dr. V. S. Hembalconath	 08/07/2022

S. D. M. College of Engineering & Technology
Dharwad – 580002
Department of Chemical Engineering

CERTIFICATE

Certified that the project work entitled “**COMPARATIVE STUDIES OF VARIOUS TECHNIQUES USED FOR RECOVERY OF Li AND Co AND REBUILDING OF LITHIUM ION BATTERIES**” is an original work carried out by **Gauri V Alle (2SD18CH010), Yadunandan P Mudholkar (2SD17CH025), Venkatesh R (2SD17CH023)**, **N. G. Ananth Kumar (2SD17CH009)** in partial fulfilment for the award of degree of Bachelor of Engineering in Chemical Engineering of S. D. M. College of Engineering & Technology under the Visvesvaraya Technological University, Belagavi during the year 2021-22. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the award of Bachelor of Engineering Degree.

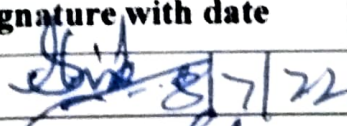
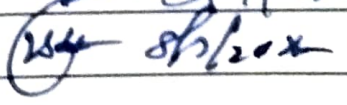

06.07.2022
Signature of the Guide


Signature of the HOD


Signature of the Principal

Name	USN
Gauri V Alle	2SD18CH010
Yadunandan P Mudholkar	2SD17CH025
Venkatesh R	2SD17CH023
N G Anath Kumar	2SD18CH009

Name and signature of the examiners:

Sl. No.	Name	Signature with date
1	Dr. Shivanand Y. Adaganth	 8/7/22
2	Dr. V. S. Hombalane	 8/5/2022

S. D. M. College of Engineering & Technology
Dharwad – 580002


Department of Chemical Engineering

CERTIFICATE

Certified that the project work entitled **Preparation and characterization of activated carbon from corncob and coconut shell for cation adsorption**. Is an original work carried out by **Priyanka Patil, Appasab Waghmare, Anusha Raichur, Bavu Ghatakamble** In partial fulfilment for the award of degree of Bachelor of Engineering in Chemical Engineering of S.D.M. College of Engineering & Technology under the Visvesvaraya Technological University, Belagavi during the year 2020-2021. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the award of Bachelor of Engineering Degree.



Signature of the Guide



Signature of the HOD

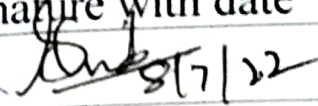
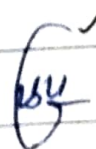


Signature of the Principal

Name of the student:

University Seat Number:

Name and signature of the examiner:

Sl.NO	Name	Signature with date
01	Dr. Shivramant Y. Magan hi	 8/7/22
02	Dr. V. S. Hombalimath	 8/7/2022

S. D. M. College of Engineering & Technology Dharwad – 580002

Department of Chemical Engineering

CERTIFICATE


Certified that the project work entitled “Treatment of sugar industrial waste water from low cost adsorbents” is an original work carried out by Mahadevi Bijli, Dhanashree Rane and Mujawar Anisa shakil in partial fulfilment for the award of degree of Bachelor of Engineering in chemical branch of Engineering of S. D. M. College of Engineering & Technology under the Visvesvaraya Technological University, Belagavi during the year 2021-22. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the award of Bachelor of Engineering Degree.



Signature of the Guide



Signature of the HOD



Signature of the Principal

Name of the student

University Seat Number

Mahadevi Bijli

2SD17CH007


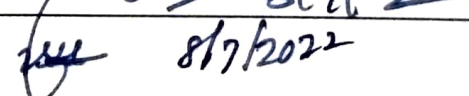
Dhanashree Rane

2SD18CH008

Mujawar Anisa Shakil

2SD18CH018

Name and signature of the examiners:

Sl. No.	Name	Signature with date
1	Dr. Shivaram P. Adaganthi	 8/7/22
2	Dr. V. S. Hombalimath	 8/7/2022