

A
MINOR PROJECT
ON
SYNTHESIS OF POLYSTYRENE BASED PROTON EXCHANGE MEMBRANES
FOR MICROBIAL FUEL CELLS

SUBMITTED IN THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE
DEGREE OF BACHELOR OF
TECHNOLOGY IN CHEMICAL ENGINEERING

SUBMITTED BY
D. PAVAN MANOJ
MUSKAN PARMAR
RANVEER RAJ
CHAITANYA BAIRWA



GUIDED BY
DR. SANDEEP DHARMADHIKARI
ASSISTANT PROFESSOR DEPARTMENT OF CHEMICAL ENGINEERING

Department of Chemical Engineering
School of Studies of Engineering and Technology
Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)-495009

DECLARATION BY THE CANDIDATES

I / we hereby declare that the work presented in the minor project entitled "Synthesis of proton exchange" in partial fulfillment of the requirement for Guru Ghasidas Vishwavidyalaya, Bilaspur for the award of degree of Bachelor of Technology in Chemical Engineering. The work has been performed by **Muskan Parmar, Pavan Manoj, Ranveer Raj, Chaitanya Bairwa** under the guidance of **Dr. Sandeep Dharmadhikari**.

The entitled work is original and no part of this work is submitted in any university for the award of any degree or diploma.



Ranveer Raj
Roll No: 19101135
Enrolment No: GGV/19/1396

Ranveer.Raj



Chaitanya Bairwa
Roll No: 19101110
Enrolment No: GGV/19/1328

Chaitanya



Danduprolu Pavan Manoj
Roll No: 19101112
Enrolment No: GGV/19/1333

D. Pavan Manoj



Muskan Parmar
Roll No: 19101131
Enrolment No: GGV/19/1379

Muskan