

DESIGN AND FABRICATION OF GEARLESS POWER TRNSMISSION SYSTEM

APROJECTREPORT

Submitted by

B.AKASH	(112818114002)
V.NAGARAJ	(112818114029)
S.PRABHAKARAN	(112818114032)
K.B.SAI KRISHNAN	(112818114038)

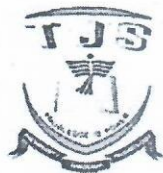
In partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



T.J.S. ENGINEERING COLLEGE



ANNA UNIVERSITY: CHENNAI 600025

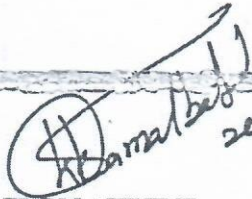
PRINCIPAL
T.J.S. ENGINEERING COLLEGE
Peruvoyal, Kavaraipettai,
Gummidipoondi Taluk,
Thiruvallur Dist - 601 206.



JUNE 2022

BONAFIDECERTIFICATE

Certified that this project report "DESIGN AND FABRICATION OF GEARLESS POWER TRANSMISSION SYSTEM" is the bonafide work of "B.AKASH (112818114002), V.NAGARAJ (112818114029), S.PRABHAKARAN (112818114032), K.B.SAIKRISHNAN (112818114038)", who carried out the project work under my supervision.


22/6/22

SIGNATURE

Dr. K. KAMAL BABU, Ph.D.(NIT-T)
HEAD OF THE DEPARTMENT
ASSISTANT PROFESSOR
MECHANICAL ENGINEERING
T.J.S ENGINEERING COLLEGE



SIGNATURE

Mr.S.SATHYA MOORTHY, M.E.,
SUPERVISOR
PROFESSOR MECHANICAL
ENGINEERING
T.J.S ENGINEERING COLLEGE

Submitted for project viva-voce examination held on 22/06/22


22/6/22

INTERNAL EXAMINER


22/6/22

EXTERNAL EXAMINER




PRINCIPAL
T.J.S. ENGINEERING COLLEGE
Peruvoyal, Kavaraipeetai,
Gummidipoondi Taluk,
Thiruvallur Dist - 601 206.

ABSTRACT

This is a Mechanical final year project work on "Gearless power Transmission system" which is compact and portable equipment, which is skillful and is having something practice in the transmitting power at right angle without any gears being manufactured.

This project is the equipment useful to improve the quality of the gear being manufactured and can be made in less time. This project uses El-bow mechanism which is an ingenious link mechanism of slider and kinematic chain principle.

This is also called as "gearless transmission mechanism" and is very useful for transmitting motion at right angles .



A handwritten signature in green ink, appearing to read "J. K. S.", located above the principal's name.

PRINCIPAL
T.J.S. ENGINEERING COLLEGE
Peruvoyal, Kavaraipeetai,
Gummidipoondi Taluk,
Thiruvallur Dist - 601 206.