

Project Report
On

EFFECT OF MULTI-CHARGED BOOSTING ON HCCI ENGINE AT DIFFERENT INTAKE PRESSURE

Submitted in partial fulfilment of the requirements

of the degree of

Bachelor of Mechanical engineering

by

Mr. Herambha Thakur [EU 2185008]

Mr. Prakash Nimbalgundi [EU 2185031]

Mr. Chirayu Shelar [EU 2185009]

Mr. Gaurav Pimple [EU 2185027]

Under the guidance of

Prof. Rajaesh Bisane



**DEPARTMENT OF MECHANICAL ENGINEERING
ST. JOHN COLLEGE OF ENGINEERING & MANAGEMEN
UNIVERSITY OF MUMBAI
2021-2022**

CERTIFICATE

This is to certify that the project entitled **Effect of multi-charge boosting on HCCI Engine at different intake pressure** is a bonafide work of

Mr. Herambha Thakur [EU 2185008]

Mr. Prakash Nimbalgundi [EU 2185031]

Mr. Chirayu Shelar [EU 2185009]

Mr. Gaurav Pimple [EU 2185027]

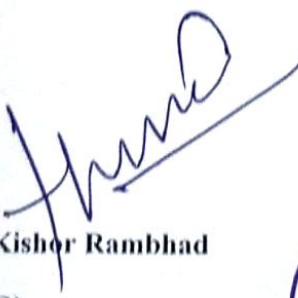
Submitted to the University of Mumbai in partial fulfilment of the requirement for the ward of the degree of “**Undergraduate**” in “**Mechanical Engineering**”.


Mr. Rajesh Bisane

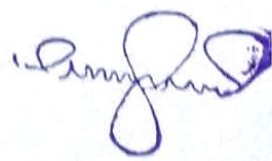
(Guide)


Mr. Janak Suthar

(Project Co-ordinator)


Dr. Kishor Rambhad
(HOD)




Dr. Gopal V. Mulgund
(Principal)

Project Report
On

**“EXPERIMENTAL INVESTIGATION ON FLAPPER TURBOCHARGER
FOR IMPROVEMENT PERFORMANCE OF SUPER-TURBOCHARGED
RCCI ENGINE .”**

Submitted in partial fulfillment of the requirement of degree of
Bachelor of Engineering
In
MECHANICAL ENGINEERING

by

Mr. Himanshu Patil	[EU 1145093]
Mr. Yogesh Sakpal	[EU 1155040]
Mr. Sohan Desai	[EU 1155084]
Mr. Yash Sharma	[EU 1155051]

Under The Guidance of
Mr. Rajesh Bisane
(Assistant Professor)



DEPARTMENT OF MECHANICAL ENGINEERING
ST. JOHN COLLEGE OF ENGINEERING & MANAGEMENT
UNIVERSITY OF MUMBAI
2019-2020

CERTIFICATE

This is to certify that it is a bona fide record of project work entitled

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By

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Mr. Yogesh Sakpal	[EU 1155040]
Mr. Sohan Desai	[EU 1155084]
Mr. Yash Sharma	[EU 1155051]

Submitted to the University of Mumbai in partial fulfillment of the requirement for the award of
the degree of “Bachelor of Engineering” in “Mechanical Engineering”.



Mr. Rajesh Bisane

(Guide & Project Coordinator)



Dr. Ajoy Kumar
(Head of Department & Vice Principal)



Dr. Gopal V. Mulgund
(Principal)

Project Report
On

**“EXPERIMENTAL INVESTIGATION ON SINGLE CYLINDER FOUR
STROKE HOT AIR TURBOCHARGED DIESEL ENGINE USING
PYROLYSIS OIL.”**

Submitted in partial fulfillment of the requirement of degree of
Bachelor of Engineering
In
MECHANICAL ENGINEERING

by

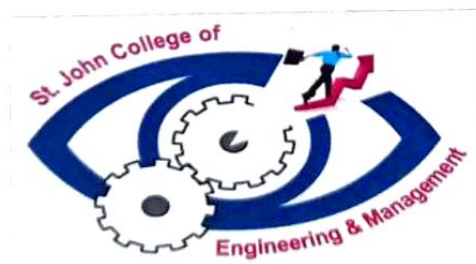
Mr. Omkar Chavan [EU1165014]

Mr. Shubham Lade [EU1155129]

Mr. Selwyn Fernandes [EU1125023]

Ms. Harsha Dhule [EU1145041]

Under The Guidance of
Mr. Rajesh Bisane
(Assistant Professor)



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Mr. Rajesh Bisane

(Guide & Project Coordinator)



Dr. Ajoy Kumar
(Head of Department & Vice Principal)





Dr. Gopal V. Mulgund
(Principal)

Project Report
On

**TO STUDY THE IMPACT OF WASTE VEGETABLE OIL
ON BIODIESEL BLENDS BLENDED WITH ADDITIVE IN
IC ENGINE**

Submitted in partial fulfilment of the requirement of degree of
Bachelor of Engineering
in
MECHANICAL ENGINEERING

by

Mr. Benet Reno	[EU 2165001]
Mr. Steve Carvalho	[EU 2165023]
Mr. Lance Gonsalves	[EU 1155012]
Mr. Hardik Patel	[EU 2165003]

Under the Guidance of
Mr. Gaurav Bhawde
(Assistant Professor)



**DEPARTMENT OF MECHANICAL ENGINEERING
ST. JOHN COLLEGE OF ENGINEERING & MANAGEMENT
UNIVERSITY OF MUMBAI
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Mr. Gaurav Bhawde
(Guide)



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(Project Co-ordinator)



Dr. Ajoy Kumar
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