

THIAGARAJAR COLLEGE OF ENGINEERING

M.E. MANUFACTURING ENGINEERING

14MG410 PROJECT

2018-2019

S.NO.	REG. NO.	NAME	TITLE
1.	17MF001	P.HARISH	Mechanical behaviour of Hybrid Composites.
2.	17MF002	A.JOHN SELVANESAN	Optimization of the cutting parameters for turning EN 24 alloy steel with Mono layered and Bi-layered coated carbide inserts.
3.	17MF003	K.MANIKANDANBABU	Fabrication of PLA/Graphene scaffolds. For articular cartilage tissue regeneration by fused deposition modelling.
4.	17MF004	A.PRAVEEN RAJU	Prediction of cutting tool vibration in turning of High-Speed steel by artificial neural network.
5.	17MF005	P.SAKTHI VIGNESH	Effect of Silicon content on structure and mechanical properties of Titanium-Molybdenum alloy for orthopaedic application.
6.	17MF006	N.SANKARALINGAM	Reduction of wear and corrosion rate of stainless steel 316L by composite coating of Carbon nano tube and grapheme.
7.	17MF007	R.SRIPRABHU	Vision based dimensional measurements of weld parameters.
8.	17MF008	A.VENKATESWARAN	Induction motor bearing fault detection by using artificial neural network.
9.	17MF009	K.A.VIGGNEYSH KIRAN	Development of standard operating procedure for PVD coatings.

Mechanical behaviour of Hybrid Composites

14MG410 – Project II

*Submitted in partial fulfillment for the requirement of M.E. degree in
Manufacturing Engineering of Anna University*

Submitted by

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THIAGARAJAR COLLEGE OF ENGINEERING

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MADURAI – 625 015

MAY 2019

Optimization of the cutting parameters for turning EN 24 alloy steel with Mono layered and Bi-layered coated carbide inserts.

14MG410 – Project II

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MADURAI – 625 015

MAY 2019

**EFFECT OF SILICON CONTENT ON THE STRUCTURE
AND MECHANICAL PROPERTIES OF TITANIUM-
MOLYBDENUM ALLOY FOR ORTHOPAEDIC
APPLICATION**

14MG410 Project- II

*Submitted in partial fulfillment for the requirement of M.E. degree in
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May 2019

Reduction of wear and corrosion rate of stainless steel 316L by composite coating of Carbon nano tube and grapheme

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MADURAI – 625 015

MAY 2019

Vision based dimensional measurements of weld parameters

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Development of standard operating procedure for PVD coatings

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