1.3.4 LIST OF STUDENTS UNDERGOING FIELD PROJECTS/INTERNSHIP/STUDENTS PROJECT MAPPING

S.No	Program name	Program Code	Student Name	Title	Field proje ct	Internship	Student projects	Place of Work
1	BE-	ME	M. Murugarajiv	Design and Analysis of Ventilated Disc Brake			V	E.G.S.Pillay Engineering College
	Mechanical Engineering		K .Nithyakaran		V	V		
			M.Prakash		V	V		
			M.Shankar		٧	-		
2	BE- Mechanical Engineering	ME	S.Mathavan	fabrication of Treadle Pumping			٧	E.G.S.Pillay Engineering College
			G.Madhan				٧	
			M.Gugan	1			V	
			G.Naveen	1			٧	
3	BE-	ME	S.Harish	Design and Structural Analysis		٧	V	E.G.S.Pillay Engineering College
	Mechanical		S.Keerthivasan			٧	٧	
	Engineering		M.Logeshwar			V	٧	
		-	G.Rethinakumar	of wind turbine blade by using para- aramids		٧	V	
4	BE- Mechanical Engineering		S.Hariharan	Synthesis			V	E.G.S.Pillay Engineering College
			R.Ramkumar	and Characterz ation of			٧	
			P.Pravinkumar				٧	
			R.Madavan	Mgaz91d Coconut Shell Ash Meta1 Matrix Composite			٧	
5	BE- Mechanical Engineering	ME	R.Kesawarman	Shock			٧	E.G.S.Pillay
			A.Santhosh	observer			V	Engineering
			K.SureshChakrawarthy	for Impeller Assembly			٧	College
			S Survo	in fibre		v	V	
6	BE- Mechanical Engineering	ME	S.Surya A.Ariharan	boat Intelligent			V	E.G.S.Pillay Engineering
			C.Chandrabose	Obstacle A	TESTE	<u> </u>		
			G.Mutharasan	Avoidance	P	1.	V	College
			R.Gokula Krishnan	Robot AM using PR Arduing	BALA	M.E., Ph.D.,	v	_
7	BE-	ME	U.Vijay	Evaluation	engineer	ng College,	V	E.G.S.Pillay

Nagapattinam (Dt) Tamil Nadu.

	Mechanical	Ĩ	K.Vikram	Machining			V	Engineering
	Engineering		K. Vinith Kumar	Behaviour			V	College
				s of Aluminiu m Metal Matrix Composite (AL+ZIN			V	
8	BE-	ME	A.Vinoakalaivan P.Divakar G.Gowthaman C) Design and fabrication			V	E.G.S.Pillay	
Ü	Mechanical Engineering	1412		and			V	Engineering
								College
		Ì	A.Habeeb Mohamed				V	
			J.Yogeshwaran	steering control for parking system			٧	
9	BE-	ME	G.Balaji	Modified			V	E.G.S.Pillay
	Mechanical		V.Kesavan	Power			V	Engineering
	Engineering		M.MohamedMohaidee	Transmissi				College
			n	on Various Angle		٧	V	
		į.	K.Nedumaran	Aligic			V	
10	BE-	ME	S.Arun	Design		٧	V	E.G.S.Pillay Engineering College
	Mechanical Engineering		S.Arunraj	and Experimen tation of		٧	V	
			V.Bharanidharan			٧	V	
			V.Viswanathan	mini fridge using peltier effect		٧	V	g.
11	BE- Mechanical Engineering	ME		Design		٧	V	E.G.S.Pillay Engineering College
			K.Akash	and			٧	
			J.Dinesh	Structural			٧	
			R.Sathiyan	Analysis of Compoun d leaf spring		٧	٧	
12	BE-	ME	Alex P	Control on			٧	E.G.S.Pillay
	Mechanical		Thiloth A	automatic			٧	Engineering College
	Engineering		Vignesh G	three			٧	
		1	Dinesh R	phase starter		٧	٧	
13	BE- Mechanical Engineering	ME Praveenraj T Sridhar P		Influence			V	E.G.S.Pillay
				of Cool			٧	Engineering
			Srinivasan S	Bit Ash			٧	College
			Naveen Prakash.P	Praticles as Reinfgorc ementBeh		TIESTED	V	
			×	ementBeh avior of AZ ₃₁ Mg	P	ABAL N, I RINCAPAL Engineering	И.Е., РК. Э .,	

E.S. Pillay Engineering College, Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu.

4.4	DE.	1.45	DAW	Alloy			5055
14	BE- Mechanical Engineering	ME	D.Aravinth	Investigati on Of Hydrogen Enrichmen t In Diesel		7	E.G.S.Pillay Engineering College
				Engine Preforman ce,		V	
				Emission And Combustio			
				n Characteri stics			
15	BE-	ME	S.MathesKanna	Analysis	V	٧	E.G.S.Pillay
	Mechanical		Md Firthoush	of Electro		٧	Engineering
	Engineering		Mugesh.A	Megnatic	V	٧	College
				Breaking System		V	
16	BE-	ME	Thiyagesh. K	Evaluation		٧	E.G.S.Pillay
	Mechanical		Jeghan J	of	V	٧	Engineering
	Engineering	İ	Mohamed Imran J	Mechanica		٧	College
			Vimalraj P	Behaviour of Aluminiu m Metal Marix Composite (Al+Sic+Z n)	٧	٧	
17	BE- Mechanical Engineering	ME	P.Vinoth Kumar	Friction of	٧	٧	E.G.S.Pillay Engineering College
			T .Adinesh	Automatic Electro Magnatic		٧	
			R.Gokul Raj			٧	
			T.Hari Prasath	Clutch		٧	
18	BE-	ME	V. Hari Prasath	Automatic		٧	E.G.S.Pillay
	Mechanical		R.Prasanna	Pneumatic		٧	Engineering
	Engineering		A.Sunil	Bumpers and Brake Actuation before Chasis Collision		٧	College
19	BE- Mechanical Engineering	ME	E.Nirmal	Mechanica		٧	E.G.S.Pillay
			D.S.Sellakumaran	l testing		٧	Engineering
			D.Kishore	on Natural fibercomb		٧	College
		=	B.Srinivasan	osite in	TTESTED	٧	
20	BE- Mechanical	ME	A.Abinash	Fabricatio	ABAL N. M.E., Ph	.D., V	E.G.S.Pillay Engineering

	Engineering		D.Rajesh	Testing of		V	٧	College
			G.Dinesh	Vapour			٧	
	**		S.Dinesh Kumar	Generator for Organic Rangine Cycle by Utilizing Waste	٧	c	٧	
21	BE- Mechanical	ME	K.Dinesh Kumar	Pateticatio n of Double Acting			٧	E.G.S.Pillay Engineering
			S.Suriya				٧	
	Engineering		A.Aravind				V	College
			S.Pratheep Raj	Hacksaw Using Scotch Yoke Mechanis m			٧	
22	BE- Mechanical Engineering	ME	S.Vignesh	Analysis			V	E.G.S.Pillay
			P.Vinith	of			٧	Engineering College
			A. Mohamed Abdul Rahman	Dissimilar metal Welding		٧	٧	
			M. Mohamed Shaik Safiudeen	of SS316 and SS321		٧	٧	
23	BE- Mechanical Engineering	ME	M. Mohamed Sharugan	01 55 510		٧	٧	E.G.S.Pillay Engineering
			S. Syed Rashid			٧	٧	College
			Pragadheshwaran.R			٧	٧	
			Siddharthan.S				٧	
24	BE-	ME	Srinivasan.V	Welding			٧	E.G.S.Pillay
	Mechanical Engineering		M. Vignesh	Strength Analysis of Dissimilar Materials (Aluminiu m Stainless Steel) by Using Friction Welding and TIG Welding	AT	TESTED	V	Engineering College
25	BE-	ME		Investigati		MIN	-1	E.G.S.Pillay
	Mechanical Engineering		P. Udhayakumar	on of Dr. S	RAMA	BALANIM	V E., Ph.D.,	Engineering
			R. Srikaran	Inree	PR		٧	College
			A Prabakaran	Modern E.G	A Company of the Comp	The state of the s		
	ξ:		Jothiraman. S	Trailer	inetal, (V	agore - 611 00 m (Dt) Tamil N	adu V	



26	BE- Mechanical Engineering	ME	Saravanan S	Analysis of Aluminiu	٧	√	E.G.S.Pillay Engineering College
			Jenithkumar P Jegadeesan K	m E-Glass Reinforce ment for	V	٧	
					V	٧	
			B Mushraf Ahamed	its Improved Ductility		٧	
27	BE- Mechanical Engineering	ME	I Vishwa	Evaluation		٧	E.G.S.Pillay
			B.Parthasarathy	of	V	٧	Engineering College
			J Praveen Kumar	Machining Behaviour	V	٧	
		V Pramesh	s of Aluminiu m Metal Matrix Composite (Al+SiC)	:-	V		
28	BE- Mechanical Engineering	ME	Mohammad Aliyar	Topology Optimizati	-	٧	E.G.S.Pillay Engineering College
			D.Shanmugapriyan K.SooriyaPragash	on of Mechanica		٧	
					V	٧	
			Abishek R	Componen ts	+	٧	

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Certified that this project report "ANALYSIS OF ELECTROMAGNETIC BRAKING SYSTEM" is the bonafide work of "MATHES KANNA S, MOHAMED FIRTHOUS F, MUGESH A, THIYAGESH K " who carried out the project work under my supervision.

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ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "AUTOMATIC PNEUMATIC BUMPER AND BRAKE ACTUATION BEFORE COLLISION CHASIS" is the bonafide work of NIRMAL E (E18MEL326), **PRASANNA** R (E18MEL329), SELLAKUMARAN S D (E18MEL334), SUNIL A (E18MEL339) " who carried out the project work under my supervision.

Dr.G.GURUMOORTHI M.E., PhD.,

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ERNAL EXAMINER

Certificate that this project report "MECHANICAL TESTING ON NATURAL FIBER COMPOSITE IN SEATS OF AEROPLANES" Is the bonafide work of ABINASH.A E18MER002), RAJESH.D(E18MER059), KISHOR.D (E18MER035), SRINIVASAN.B E18MER070). Who are carried out the project work under my supervision

SIGNAPURE.

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Certified that this project report "FABRICATION AND TESTING OF VAPOUR GENERATOR ORGANIC RANGINE CYCLE BY UTILIZING WASTE (E18MER015), HEAT" is the bonafide work of "K.DHINESH KUMAR G.DINESH (E18MER017), S.DINESHKUMAR (E18MER019), SURIYA (E18MER074)" who carried out the project work under my supervision.

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EXTERNAL EXAMINER

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Certificate that this project report "FABRICATION OF DOUBLE ACTING HACKSAW USING SCOTCH YOKE MECHANISM" is the bonafide work of "ARAVIND.A (E18MER007), PRATHEEP RAJ.S (E18MER054), VIGNESH.S (E18MER080), VINITH.P (E18MER084)". Who are carried out the project work under my supervision.

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BONAFIDE CERTIFICATE

Certificate that this project report "ANALYSIS OF DISSIMILAR METAL WELDING OF 316 STAINLESS STEEL AND 321 STAINLESS STEEL" is the bonafide work of "MOHAMED ABDUL RAHMAN.A (E18MEL321), MOHAMED SHAIK SAFIUDEEN.M (E18MEL322), MOHAMED SHARUGAN.M (E18MEL323), SYED RASHID.S (E18MEL340)". Who are carried out the project work under my supervision.

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Certified that this project report "INVESTIGATION OF OXIDATION OF SS316"

the

bonafide

work

of

"PRAGADHESHWARAN.R(E18MEL328)

SIDDHARTHAN.S(E18MEL335),

SRINIVASAN.V(E18MEL337),

SRIRAM.R

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E.G.S. Pillay Engineering College,

EXTERNAL EXAMINER

ANNA UNIVERSITY: CHENNAI 600 025 BONAFIDE CERTIFICATE

Certified that this project report "WELDING STRENGTH ANALYSIS OF DISSIMILAR MATERIAL'S (ALUMINIUM, STAINLESS STEEL) BY USING FRICTION AND TIG WELDING" is the bonafide work of "VIGNESH.M (E18MEL343), PRABAKARAN.A (E18MEL327), SRIKARAN. R (E18MEL336), UDHAYAKUMAR.P (E18MEL342)"who carried out the Project work under my supervision.

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Certified that this project report "INVESTIGATION OF THREE AXIS MODERN TRAILER" is the bonafide of "JEGADEESAN.K (E18MER028), JENITHKUMAR.P (E18MER031), JOTHIRAMAN.S (E18MER032), SARAVANAN.S (E18MER063) " who carried out the project work under my supervision.

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ANNA UNIVERSITY: CHENNAI 600 025

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Certified that this project report "ANALYSIS OF ALUMINIUM E-GLASS
REINFORCEMENT FOR ITS IMPROVED DUCTILITY" is thebonafide work of
"MUSHRAF AHAMED.B (E18MER044) PARTHASARATHY.B (E18MER052)
PRAVEEN KUMAR.J (E18MER055) VISHWA.I (E18MER088)" who carried out the project work under my supervision.

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Certificate that this project report "EVALUATION OF MACHINING BEHAVIOURS OF ALUMINIUM METAL MATRIX COMPOSITE (AL+SiC)" is the bonafide work of "MOHAMEDALIYAR.A (E18MER042),PARAMESH.V(E18MER051),SHANMUGAPRIYAN.D (E18MER066), SOORIYA PRAGASH.K (E18MER068)". Who are carried out the project work under my supervision.

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Certificate that this project report "TOPOLOGY OPTIMIZATION OF MECHANICAL COMPONENTS" is the bonafide work of "RUBAN K(E18MER061) ABISHEK R (E18MER004), NAVEEN KUMAR K(E18MER047), BALAMURUGAN V (E18MER012) Who are carried out the project work under my supervision.

SIGNATURE

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VIVA VOCE

The viva voce examination of the project was hald on

D2.06.2022:

Engineering College,

Thethi, Magore - 611 002.
Necoattinam (DI) Teams of.

INTERNAL EXAMINAR

EXTERNAL EXAMINER

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certificate that this project report "DESIGN AND THERMAL ANALYSIS OF VENTILATED DISC BRAKE" is the bonafide work of "MURUGARAJIV.M (E18MER043), NITHIYAKARAN.K (E18MER050), PRAKASH.M (E18MER053), SHANKAR.M (E18MER065)". Who are carried out the project work under my supervision.

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01 106/2022

PROJECT CO-ORDINATOR

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Certificate that this project report "DESIGN AND ANALYSIS OF RADIAL FAN IMPELLER IN THERMAL POWER PLANT" is the bonafide work of "AAFIQ.A (E18MER001), DINESH KUMAR (E18MER018), JAIGANESH.R (E18MER029), BALAJI.G (E18MEL306)". Who are carried out the project work under my supervision.

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VIVA VOCE

The viva voce examination of the project was hold on

01.06.3038

INTERNAL EXAMINER

EXTERNAL EXAMINER

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PUMPING" is the bonafide work of "GUGAN.M (E18MER022), MADHAN.G (E18MER037), MATHAVAN.S (E18MER039) and NAVEEN.G (E18MER46)" who carried out the project work under my supervision.

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VIVA VOCE

The viva voce examination of the project was hold on. Ol - 06-2022

INTERNAL EXAMINER

ATTES TED

M.E. EXTERNAL EXAMINER

PRINCIPAL

E.G.S. Pillay Engineering College, Thethi, Nagore - 51, 002. Nagapatimam (Dt) Tamil Nadu.

Certified that this project report "DESIGN AND STRUCTURAL ANALYSIS OF WIND TURBINE BLADE BY USING PARA-ARAMIDS" is the bonafide work of "HARISH.S (E18MEL315), KEERTHIVASAN.S (E18MEL316), LOGESHWAR.M (E18MEL317), RETHINA KUMAR.G (E18MEL317)" who carried out the project work under my supervision.

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Mr. .B.MANIKANDAN M.Tech.,

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The viva voce examination of the project was hold on

1.6.22

INTERNAL EXAMINER

EXTERNAL EXAMINER

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PRINCIPAL

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Thethi, Nagoro - 611 002.

Nagopatimam (Dt) Tamii Nadu.

Certified that this project report "SYNTHESIS AND CHARACTERIZATION OF MgAZ91D COCONUT SHELL ASH METAL MATRIX COMPOSITES" is the bonafide work of "HARIHARAN.S, PRAVINKUMAR.P, RAMKUMAR.R and MADHAVAN.R" who carried out the project work under my supervision.

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The viva voce examination of the project was hold on... 01/06/22

INTERNAL EXAMINER

E.G.S. Pillay Engineering College, Thethi, Nagore Negapetitham (Dt) Tamii Nadu.

Certified that this project report "FABRICATION OF DUAL SHAPER MACHINE" is the bonafide work of "AJAY.J, AJEETH.R, BARATH.L, DEVARAJAN.R" who carried out the project work under my supervision.

SIGNATURE

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VIVA VOCE

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INTERNAL EXAMINER ALAX, M.E., Ph.D.,

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Certified that this project report "EXPERIMENTAL INVESTIGATION OF LM 25 ALLOY REINFORCED WITH COCONUT SHELL ASH"is the bonafide work of T.DINESH BABU, N.SURENDHIRAN, E. VENGADESH, MANIKANDAN.M.," who carried out the project work under my supervision.

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TERNAL EXAMINER

VIVA VOCE

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on 01/06/2022.

E.G.S. Pilley Engineering College, The (b), Nagore - 611 002. Nagapattinam (Dt) Tamii Nadu.

Certificate that this project report "SHOCK ABSORBER FOR IMPELLER ASSEMBLY IN FIBER BOAT" is the Bonafide work of KESAWAVARM.R (E18MER034), A.SANTHOSH (E18MER062), SURESH CHAKKARAVARTHY (E18MER073), SURYA.S (E18MER075). Who are carried out the project work under my supervision?

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VIVA VOCE

The viva voce examination of the project was hold on

01.06.2022

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XTERNAL EXA

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E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu.

Certified that this project report "INTELLIGENT OBSTACLE AVOIDANCE ROBOT USING ARDUINO" is the bonafide work of "K. ARIHARAN, C. CHANDRANBOSE, R. GOGULAKRISHNAN, G. MUTHARASAN" who carried out the project work under my supervision

Dr.G.GURUMOORTHY M.E.,PhD., ASSOCIATE PROFESSOR, HEAD OF THE DEPARTMENT, DEPT OF MECHANICAL ENGINEERING, E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS), NAGAPATTINAM 611002.

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VIVA VOCE

The viva voce examination of the project was hold on. Ollobleo22

E.G.S. Pillay Engineering College,

Thethi, hagore - 611 902. Nagaputtinam (Dt) Tamil Nadu.

Certified that this project report "EVALUATION OF MACHINING BEHAVIOURS OF ALUMINIUM METAL MATRIX COMPOSITE(AL+ZN)" is the bonafide work of "U.VIJAY(E18MER081), K.VIKRAM(E18MER082), K.VINITH KUMAR(E18MER085), A.VINO AKALAIVAN(E18MER086)" who carried out the project work under my supervision.

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VIVA VOCE

The viva voce examination of the project was hold on.allah.1.2922

INTERNAL EXAMINER

EXTÉRNAL EXAMINER

MABALAM Page 3 of 7

E.G.S. Pillay Engineering College, Thethi, Nagore County Nadu. Nagapattinam (Dt) Tantil Nadu.

Certified that this project report

"DESIGN AND FABRICATION OF 360" DEGREE STEERING CONTROL FOR PARKING SYSTEM"

is the bonafide work of "DIVAKAR.P, GOWTHAMAN.G, HABEEB MOHAMED.A, YOHESWARAN.J" who carried out the project work under my supervision.

SIGNATURE

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The viva voce examination of the project was hold on. 1/06/22

INTERNAL EXAMINED MOTAL EXAMINER

Thethi, Nagota - F15 002.

Thethi, Nagota - F15 002.

Nagapattinam (Dt) Tamii Hadu

Certified that this project report "MODIFIED POWER TRANSMISSION IN VARIOUS ANGLE" is the bonafide work of "BALAJI.G, KESAVAN.V, MOHAMED MOHAIDEEN.M, NEDUMARAN.K.,," who carried out the project work under my supervision.

SIGNATURE

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The viva voce examination of the project was hold on. o. 1/0.6/2029

INTERNAL EXAMINER

C RAMABALAN, M.E. Ph.D

EGS. Pillay Engineering EXTERNAL EXAMINER

G.S. Pillay Engineer (1) 102.
Thethi: Nagore - C1 102.
Nagapattinam (D-) Lamil Isadu.

Certified that this project report "DESIGN AND EXPRIMENTATION OF MINI FRIDGE USING PELTIER EFFECT" is the bonafide work of "ARUN.S, ARUNRAJ.S, BHARANIDHARAN.V and VISWANATHAN.V" who carried out the project work under my supervision.

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VIVA VOCE

The viva voce examination of the project was hold on...1./.6/.22

INTERNAL EXAMINER

EXTERNAL EXAMINER

Certificate that this project report "DESIGN AND STRUCTURAL ANALYSIS OF COMPOUND LEAF SPRING" is the bonafide work of "AKASH.K (E18MEL303), DHINESH.J (E18MEL310), RANJITH.R (E18MEL330), SATHIYAN.R (E18MEL333)". Who are carried out the project work under my supervision.

Dr.G.GURUMOORTHI M.E., PhD., HEAD OF DEPARTMENT PROFESSOR DEPT OF MECHANICAL ENGINEERING E.G.S.PILLAY ENGINEERING COLLEGE NAGAPATTINAM-611002

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The viva voce examination of the project was hold on

1.06.2022

INTERNAL EXAMINAR

ERNAL EXAMINAR

E.G.S. Pillay Engineering College, Thethi, Nagorf - 5" Managattingar (On to

Certified that this project report "CONTROL ON AUTOMATIC THREE PHASE STARTER" is the bonafide work of "ALEX.P, THILOTH.A, VIGNESH.G and DINESH.R" who carried out the project work under my supervision.

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The viva voce examination of the project was hold on...(...b...?.?

INTERNAL EXAMANER

ATTESTERXTERNAL EXAMANER

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Certified that this project report "INFULENCE OF COCO BIT ASH

PARTICLES AS REINFORCEMENT BEHAVIOR OF AZ31Mg

ALLOY"

is

the

bonafide

work

of

"P.NAVEENPRAKASH,T.PRAVEENRAJ,S.SRINIVASAN,

P.SRIDHAR" who carried out the project work under my supervision.

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VIVA VOCE

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INTERNAL EXAMINER

EXTERNAL EXAMINER

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Certified that this project report "Investigation of hydrogen enrichment in diesel engine performance, emission and combustion characteristics" is the bonafide work of "D.ARAVINTH (E18MER008)," who carried out the project work under my supervision.

SIGNATURE

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EXTERNAL EXAMINER

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