

**MECHANICAL DEPARTMENT
FINAL YEAR PROJECT DETAILS (2008-2012)**

Sl.No	Title of the Project Report	Project Submitted	Guided By	Project Number
01.	Fuel optimization in utility Bollers in Thermal Power Stations	Idudhaya Arokia Samy.Y 90408144020 Muthu Kumar.M 90408144041 Varadha Kumar.R 90408144076	R.Than sekar	KLNCE/PRO/Mech/2011 – 2012/001
02.	Implementation of TPS In Automobile Component Manufacturing Industry	Kannan.P 90408144026 Ragul.K 90408144051 Vetrivel.R 90408144081	G.R.Kathiresan	KLNCE/PRO/Mech/2011 - 2012/002
03.	Productivity Improvement in Assembly line of Automated Teller Machine and Sealable Deposit Module	Muthu Kishor.K.G 90408144040 Vishnu.T.S. 90408144088	G.R.Kathiresan	KLNCE/PRO/Mech/2011 - 2012/003
04.	Cycle Time Reduction in Maching Process (SMED)	Dhandayuthapani.R 90408144007 Rajes Kannan.P 90408144053 Vasanth.V.S. 90408144077	A.N.Balaji	KLNCE/PRO/Mech/2011 - 2012/004
05.	Lead time and Quality Cost Reduction by Using VSM	A.S.Siva Kumar 90408144069 C.Ragavan 90408144049 P.Marudhupandian 90408144035	A.N.Balaji	KLNCE/PRO/Mech/2011 - 2012/005
06.	Solar Power Grass Cutter	Mathan.s 90408144036 Seenivasan.M 90408144067	P.Udhaya Kumar	KLNCE/PRO/Mech/2011 - 2012/006
07.	Reduction in cut Mark on Tractor Disc	K.Dinesh 90408144009 A.R.Venkatesh Gowtham 90408144079 S.Venkatesh 90408144080	A.M.Nagarajan	KLNCE/PRO/Mech/2011 - 2012/007
08.	Performance Analysis and Improvement of Cooling Tower	R.Vivekanandan 90408144089 V.Kamesh Shankar C.Vignesh 90408144082	G.M.Nagarajan	KLNCE/PRO/Mech/2011 - 2012/008
09.	Analysis and Assessment of Productivity Increase in V –belt Plant by using AGM Material Handling System	R.Vignesh Kumar 90408144083 D.S.Eswarlal 90408144011 M.A.Ganesh 90408144014	G.M.Nagarajan	KLNCE/PRO/Mech/2011 - 2012/009
10.	Gap Analysis in Dispenser Assembly line and Kaizen Activities to Increase Productivity	Raghavendra Santhosh.K.B 90408144050 Arun Kumar.T.B 90408144002 Rakesh.P.P 90408144054	P.Sabarinath	KLNCE/PRO/Mech/2011 - 2012/010
11.	Design of semi Automatic Material Handling System	Karthick.R 90408144028 Kishore.S 90408144030 Muthu Samy.J 90408144042	S.Bala Subramanian	KLNCE/PRO/Mech/2011 - 2012/011
12.	Diffusion Bonding of Aluminium Atoms in to Titanium	Murugu Sundaram.K 90408144039 Ravichandran.P.L 90408144060 Sundarapandy 90408144070	D.Satheesh Panidian	KLNCE/PRO/Mech/2011 - 2012/012
13.	Improving Productivity Using 5S in Grupo Antolin.	M.s.Ram Balaji 90408144055 P.Saravana Kumar 90408144064 K.Suresh Kumar 90408144073	V.Siva Ram Kumar	KLNCE/PRO/Mech/2011 - 2012/013.
14.	Elimination of Transmission rod wear in Paint Mixing System using Worm and Worm Wheel Mechanism at tafe	Gokul.T 90408144015 Prabu.S 90408144043	V.Siva Ram Kumar	KLNCE/PRO/Mech/2011 - 2012/014

		Vigneshwaran.K 90408144086		
15.	Productivity Improvement by Cycle time Reduction & Layout optimization in An Automotive Component Manufacturing Company	Mohamed Hussain Alam.A.M 90408144037 Karthick.M 90408144027 Ronald Rodrigo 90408144061	R.Ashok Kumar	KLNCE/PRO/Mech/2011 - 2012/015
16.	Optimization of Power Consumption and Surface Roughness in CNC Turning	R.Jeya Prakash Narayanan 90408144022 S.P.Sathya Prasath 90408144066 S.P.Vignesh 90408144084	D.Muthu Krishnan	KLNCE/PRO/Mech/2011 - 2012/016
17.	Analysis of Compression Member with or without Connecting Plates in ESP	P.Kalirathinam 90408144024 R.Raman 90408144057 M.Murugan 90408144038	S.Porselvi	KLNCE/PRO/Mech/2011 - 2012/017
18.	Fabrication of spiral flow Heat Exchanger	S.Irsth Ahamed 90408144018 V.G.Hari Krishnan 90408144019 A.Sikkandar Hussain 90408144068	S.Nallathambi	KLNCE/PRO/Mech/2011 - 2012/018
19.	Increasing Productivity in GM Housing Compressor Line	Madan Kumar.O.K 90408144031 Sundara Raman.S 90408144071 Prasath.S 90408144045	E.V.Ganesh Babu	KLNCE/PRO/Mech/2011 - 2012/019
20.	Six – Sigma - Reduction of Top Assembly Dffects	Vimal Kumar.B 90408144508 Navanathan.K.J 90408144505 Ganesh Kumar.J 90408144013	R.Thnasekhar	KLNCE/PRO/Mech/2011 - 2012/020
21.	Flow Distribution studs in Micro Channels	Suresh.C 90408144507 Vinoth Kumar.P 90408144510 Anjith Kumar.A 90408144001.	R.Thnasekhar	KLNCE/PRO/Mech/2011 - 2012/021
22.	FEM Analysis of Critical Machine Component using Ansys	T.N.Rajesh Babu 90408144052 S.Surath Rajan 90408144072	R.Thnasekhar	KLNCE/PRO/Mech/2011 - 2012/022
23.	Study and Implementation of TPM	Balaji.S.G. 90408144005 Kathikeyan.S 90408144029	G.R.Karthiresan	KLNCE/PRO/Mech/2011 - 2012/023
24.	To Reduce Leak on Nit Balance Ring	A.G.Praveen Kumar 90408144046 N.G.Manikandan 90408144033 R.Ganesan 90408144012	A.M.Nagarajan	KLNCE/PRO/Mech/2011 - 2012/024
25.	Hot Axle Detector to Stop Train	Prem Kumar Gurusamy 90408144047 Sankarraja.S 90408144063	A.M.Nagarajan	KLNCE/PRO/Mech/2011 - 2012/025
26.	Design and Fabrication of Clutch System for Eliminating Moter/Starter Fault	S.Muthu Krishna Kumar 90408144504 R.Murugan 90408144503 R.Selvaraj 90408144506	P.Sabarinath	KLNCE/PRO/Mech/2011 - 2012/026
27.	Analysing and optimizing Gearborc overhauling Process time	Maran.S.S 90408144034 RamaKrishnan.M 90408144056 Thiruvagasam.T.M 90408144075	C.Anbu Meenakshi	KLNCE/PRO/Mech/2011 - 2012/027
28.	Design of Fixture Arrangement for Tilting of Bogie Frame	A.Prem Kumar 90408144048 M.A.Swathish	R.Ashok Kumar	KLNCE/PRO/Mech/2011 - 2012/028

		Babu 90408111074		
29.	Design of Roller Arrangement to Remove Cardium Compound in Bull Gear	Vishnu Kumar.N 90408144087 Balaji.L.R 90408144004	D.Muthu Krishnan	KLNCE/PRO/Mech/2011 - 2012/029
30.	Projection Power Generations using Vibration Energy	S.Jagadees Kumar 90408144501 P.Karthick 90408144502 K.Vinoth Kumar 90408144509	D.Satheesh Pandian	KLNCE/PRO/Mech/2011 - 2012/030
31.	Combining Unbalancing and run out operation	M.S.Pranav Swaroop	D.Satheesh Pandian	KLNCE/PRO/Mech/2011 - 2012/031
32.	Designing of Hydraulic Center Buffer Coupler in Conventional Coaches	P.Venkatesan 90408144078 D.Ashok Pandian 90408144003 G.Dinesh Murugan 90408144010	S.Nallathambi	KLNCE/PRO/Mech/2011 - 2012/032
33.	Designing of Pneumatic Loading System in Centreless Grinding	Manikandan.M 90408144032 Sathiyendran.P 90408144065 Vigneshwaran.R 90408144085	N.NagaSubra Manian	KLNCE/PRO/Mech/2011 - 2012/033
34.	Waste heat Recovery form flue Gasin Tuticorin Thermal Power Station	Rambabu.K 90408144059 Jeya Muthu.R 90408144006	M.A.Saravanan	KLNCE/PRO/Mech/2011 - 2012/034
35.	Design of Biogas Utllisation System	Brithivi Raj.R 90408144006	M.A.Saravanan	KLNCE/PRO/Mech/2011 - 2012/035
36.	Reduction of Unnecessary steam Flow in Vertical Rota Curing Machine	Dinesh Babu.A.G. 90408144008 Kabllan.V 90408144023 Sadam Hussain.K 90408144062	N.B.Karthik babu	KLNCE/PRO/Mech/2011 - 2012/036