

DEPARTMENT OF PRODUCTION ENGINEERING PHD COMPLETED

.	Title of the Research	Research by	Research Guide	UNIV	Completion
1	Drawability of Sheet Metals through Taper Dies	Mr.R.Narayanasamy	Dr.C.R.Kandaswamy	BDU	1993
2	Investigations on submerged arc welding fluxes	Mr.Buvanasekaran	Dr.C.R.Kandaswamy	BDU	1995
3	Modelling, Simulation and Analysis of Robot	Mr.T.Selvaraj	Dr.M.Sachithanandam	BDU	1996
4	Optimization of facility layout, modelling simulation and analysis of FMS	Mr.P.Asokan	Dr.M.Sachithanandam	BDU	1998
5	Optimization of Operating Parameters Using Conventional and Non-	Mr.R.Saravanan.	Dr.M.Sachithanandam	BDU	2001
6	Wrinkling Behaviour of Stainless Steel	Mr.V.Pakkirisamy	Dr.R.Narayanasamy	BDU	2001
7	A Study of Barrelling in Solid Cylinders During Cold Upset Forming	Mr.S.Sathiyarayanan	Dr.R.Narayanasamy	BDU	2001
8	Clustering and Machining Cell Formation for CMS	Mr G Prabhakaran	Dr.M.Sachithanandam& Dr S Aravindan	BDU	2002
9	Ergonomic evaluation of Heat stress on workers in industry	Mr.M.G.Venugopalan	Dr A Noorul Haq	BDU	2004
10	Theoretical studies of limiting draw ratio	Mr.S.Raguraman	Dr R Narayanaswamy	BDU	2004
11	Heuristic approach to scheduling problems	Mr.D.Ravindaran	Dr A Noorul Haq	MSU	2005
12	Cell formation using modified artificial neural	Mr.P.Venkumar	Dr A Noorul Haq		2005
13	CAD/CAM Extrusion	Mr.S.Venkatesan	Dr.R.Naryanaswamy	BDU	2005
14	Modeling and analysis of scheduling system in cCIM	Mr.T.Karthikeyan	Dr A Noorul Haq	BDU	2005
15	Modeling and analysis of aggregate of production scheduling	Mr.Mohankumar	Dr A Noorul Haq	BDU	2005
16	Friction welding of similar stainless steels	Mr.P.Sathiya	Dr A Noorul Haq Dr.S.Aravindan	BDU	2006
17	Optimal machining tolerance allocation of machine element	K.Sivakumar	Dr A Noorul Haq Dr.R.Saravanan	BDU	2006
18	Workability studies on some aluminum P/M composite	T.Ramesh	Dr. R Narayanaswamy	BDU	2006
19	Forming limit diagram of Some auto steels	C.Sathiya Narayanan	Dr.R. Narayanaswamy	BDU	2006
20	Optimization of Machining variables using Non-traditional Techniques	M.Baskar	Dr P Asokan	BDU	2006
21	Scheduling of FMS Using Non-Traditional Optimization	.J.Jerald	Dr P Asokan	BDU	2006
22	Analysis and multi objective optimization in hard dry machining	Mr. T. Tamizharasan	Dr A Noorul Haq	NITT	2007
23	Modelling and analysis of Forward, Reverse and closed loop supply chain	Mr.G.Kannan	Dr A Noorul Haq	NITT	2007
24	Some studies of Elliptical shape billets during cold rolling upsetting	Mr.K.Baskaran	Dr R Narayanaswamy	BDU	2007
25	Workability studies on powder metallurgy pure iron and iron-titanium	Mr.V.Senthil kumar	Dr R Narayanswamy	BDU	2007
26	Optimization of machining parameters for rotational components	Mr.R.Sivasankar	Dr P Asokan	NITT	2007
27	Solving Job shop scheduling problems and intergration with MRP	Mr.M.Chandrasekaran	Dr P Asokan	NITT	2007
28	Optimum sub-division of depth of cut in CNC machining	S.Sathish Kumar	Dr.P.Asokan	AU	2007
29	Optimization of facility layout problems using metaheuristics	R.Christupaul	Dr P Asokan	AU	2007

30	Flow Shop Scheduling	T.Radharamanan	Dr.A.Noorul Haq	NITT	2008
31	Intelligent Decision Making in Robot motion and path planning	M.Devanand	Dr T Selvaraj & Dr S Kumanan	NITT	2008
32	Flowshop Scheduling	Shahul Hammed	Dr.R.Jeyapaul	NITT	2008
33	Modeling and Simulation of PD Process QIP Scholar	C A Shajahan	Dr S Kumanan	NITT	2008
34	Forming and Fracture behavior of Al and its alloys	M.RaviChandran	Dr.R.Narayanasamy	NITT	2008
35	Function Replacing Hybrids for Machining	C P Jesuthanam	Dr S Kumanan	AU	2008
36	Scheduling of various Manufacturing Systems	M.Saravanan	Dr.A Noorul Haq	AU	2008
37	Parallel Flow Line Scheduling using Metaheuristics	K.Balasubramanian	Dr.A Noorul Haq	AU	2008
38	Facility Layout Optimization	R.M.Satheesh kumar	Dr P Asokan & Dr S Kumanan	NITT	2008
39	Wrinkling Limit diagram	J.Sateesh	Dr.R.Narayanasamy	NITT	2008
40	Optimization of ECM	R.Ravikumar	Dr.P.Asokan	NITT	2008
41	Tolerance Design	R.Ramesh	Dr.J.Jerald	NITT	2008
42	Machining of Composite (QIP Scholar)	Naveen sait	Dr A Noorul Haq	NITT	2008
43	Intelligent Decision Making in Welding	J EdwinRaja Dhas	Dr S Kumanan	NITT	Thesis
44	Processing of composites	K.Panneerselvam	Dr.A.Noorul Haq	NITT	Thesis

#### PART TIME SCHOLARS

Sl no	Title of Research	Research Scholar	Research Supervisor	Univ	Year of Admission
1	Project Management	K Raja	Dr S.Kumanan	AU	2003
2	Maintenance Management	M Ilangkumaran	Dr S.Kumanan	AU	2004
3	Advanced Scheduling FMS	P Udhaykumar	Dr S.Kumanan	AU	2004
4	Extrusion of Al Alloy	G.M.BalaMurugan	Dr.M Duraiselvam	NITT	
5	Powder Metallurgy	Annatha Krishnan	Dr.R.Narayanasamy	NITT	
6	Forming limit diagram	Abdul Jaleel	Dr.P Sathya	NITT	
7	Gear Box Design	Srinivasan Raman	Dr P Asokan	NITT	
8	Machining of composite	Riayaz ahamed	Dr.P.Asokan	NITT	
9	Naval Logistics	K Kumar	Dr. S.Kumanan	NITT	Jan 2004
10	Composite Machining	P Senthil	Dr T Selvaraj	NITT	Jan 2007
11	Supply Chain Modeling	S. P Venkatesan	Dr S Kumanan	NITT	Jan 2007
12	High Speed Machining	M.Manohar	Dr T Selvaraj	NITT	June 2007

SCHOLARS WITH INSTITUTE STIPEND

Sl no	Title of Research	Research Scholar	Research Supervisor	Univ	Year	
1	SCM	A.Senthilkumar	Dr.R.Jeyapaul	NITT		Synop sis
2	Friction Welding	G R.Jinu (BHEL)	Dr P Sathiya	NITT		Synop sis
3	Energy Management	C.Ahilan	Dr. S. Kumanan	NITT	2007	
4	Material Processing	N.L.Parthasarathi (DST)	Dr.M.Duraiselvam	NITT	2007	
5	Scheduling	A.Gnanavelbabu	Dr A Noorul Haq and Dr J Jerald	NITT	2007	
6	SCM	Sasikumar	Dr. A Noorul Haq	NITT	2007	
7	Metal forming	S Sivasankaran	Dr R Narayansamy	NITT	2008	
8	Machining optimization	M Rajkumar	Dr P Asokan	NITT	2008	
9	Sheet metal forming	K Elangovan	Dr C Sathyanaraya	NITT	2008	

QIP SCHOLARS

1	Micro machining	N Rajesh Mathivanan (QIP)	Dr J Jerald	NITT	2008
2	Composite	Hafeez Ahamed (QIP)	Dr V Senthilkumar	NITT	2008