PRAVEEN SHANMUGAM

Male, 21 years
B.Tech in Manufacturing Science & Engineering, Department of Mechanical Engineering
M.Tech in Industrial Engineering & Management, Department of Industrial Engineering

ACADEMIC DETAILS:

Certificate	Institute/ School	Completion	Percentage/GPA
B.Tech & M.Tech (Dual degree)	Indian Institute of Technology Kharagpur	2011	8.76 /10 (7th & 8^{th}sem) 7.78 /10 (till 8th sem)
12th (AP Board)	Delta Educational Academy	2006	87%
10th (CBSE)	Kendriya Vidyalaya ODF	2004	87%

PROJECT / INDUSTRIAL EXPERIENCES:

Year	Description
Summer Internship 2009	Reduced the total CNC manufacturing time of Housing and Cover present in Traverse Gear Box (TGB) of BMP-2.
Summer Internship 2008	Designed and Manufactured a fixture for a five axis Vertical Machining Centre.
Industrial Training Dec 2008	Studied T-90 tank gear box Manufacturing and Assembly.
B.Tech Project	Proposed an improvised method for part decomposition based on undercut edges for efficient Hybrid Rapid Prototyping.
Mini Project	Aimed at Bi -coloring and Multi–coloring of Hyper graphs using Genetic Algorithms.

SALIENT EXTRA ACADEMIC ACHIEVEMENTS/ ACTIVITIES:

- **Primary editor** of the book **"Frequently Un-answered Questions"** by a senior author of an International Spiritual organization.
- Published an article **"The Mystery of Divine Sound"** in the Indian magazine **"Back to Godhead"**.
- Active member of VOICE, a youth organization whose aim is to propagate Vedic wisdom and to check the balance of values in life for achieving real unity and peace, individually & collectively.
- Completed Courses on art of Self management, Stress management, Proactive leadership etc.
- An active Lawn tennis player, part of the NSO member at IIT KGP.

RELEVANT COURSES:

Mechanics of Solids *	Machine Tools and Machining *	Networks & Project Mang
Heat Transfer	Elements of Machine Design *	Operations Research
Thermo Fluid Science	Work System Design	Financial Engineering
Mechanisms and Machines	Production & Planning Control	Genetic Algorithms
Robots & Computer Controlled m/c *	Quality Design & control	E – Business
Non Traditional Manufacturing *	Supply Chain Management	*Courses marked *, included laboratory classes.*
Casting Forming and Welding	Reliability Engineering	
Multivariate Statistical analysis	Materials Engineering	

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