

RESUME



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MARITAL STATUS: Married
NATIONALITY: INDIAN
RELIGION: HINDU

Present Assignment Assistant Professor, Dept, of Industrial Engg and
Management, Dayananda Sagar College of Engineering ,
Bangalore 78

ACADEMIC QUALIFICATION: -

B E in Industrial Production Engg (IPE), From Dayananda Sagar College of Engg, Bangalore University in 1992 with 1st class

M E in Mechanical Engg specialized in Manufacturing Science and Engg, from M S Ramaiah Institute of Technology, Bangalore University in 1997 with 1st class

Ph.D Program: Registered PhD in Visvesvaraya Technological University-VTU Belgaum Karnataka in 2007 at JSSATE, Bangalore, in the field of "Development of mechanized harvesting and pruning system for mulberry plants used in sericulture", under the guidance of Dr. A.N.N.Murthy, Principal. Course work is completed and intensive research is in progress.

EXPERIENCE:

DISSERTATION WORK:-

At UG level 8 months at ITI, Bangalore on 'EVALUATION OF QUALITY CERCLES '

At PG level 8 months at Foundry and Forging Division, HAL, Bangalore on 'EFFECT OF REPAIR WELDING ON MICROSTRUCTURE AND MECHANICAL PROPERTIES OF MAGNISUM ALLOY CASTING (Mg-Rz 5)'

INDUSTRIANAL: - 2 years

TWO years, working as a supervisor in M/s Srinivasa precision manufacturing works Bangarapet - 563114.

TEACHING: - 14 years

LECTURER, Mech Department, Bharath polytechnic Bangarapet (30-1-93 to 14-07-95) -2 .y ears

LECTURER, Mech Department, MSRIT, Bangalore (2-01-97 to 08-08-97) 08 months

LECTURER, IPE/IEM Department, DSCE, Bangalore (14-10-97to till 31-9 2005). 08 years.

SENIOR LECTURER: From 1st October 2005 till 31st July 2007. 1 year 10 months

ASSISTANT PROFESSOR: From 1st August 2007 till date.

Projects guided:-as teacher guided various projects for UG students titled such as:

Solar water heater, Computerized inventory management, Quality assurance, ERP-scheduling, Value engineering, Computer assisted production systems, Plant layout and material handling devices to improve the productivity at various stages, Process capability study using x bar & r charts, Computerised class room allocation for exams, Computerized space allocation for Library, design & development of mulberry shoot cutter, coconut de husker, multipurpose harvester, etc.

TECHNICALPAPERS:- presented and published – **5 at International** level & **11 at National** level.

One of technical paper has got **Best paper award** at an **International conference** and one research paper got **second best paper award** with **cash prize of Rs 2000/-** at a national conference. List of papers at the lost pages

PROUCTS DESIGENED & DEVELOPEED:- 7 products

Two shrub cutting machines designed and developed for sericulture , a multi purpose harvesting machine developed to meet various shrubs cutting process needs, Coconut Dehusker , Mechanized Sickle, Semi automated speed controller for machine tools, dual renewable energy resources for small houses,

SUBJECTS TOUGHT: -

Theory of machines, tool design, , Engg drawing, Machine drawing, , production technology I,II,III, Probability and statistics, CIM, Elements of machine design I&II, KOM,DOM,quality assurance, financial accounting & management, industrial engg II, facilities planning and design, product design and manufacture, Project management,etc

OBJECTIVE

To acquire the latest information on new technologies and to inculcate the same for the benefit of students, institution, industries and other sectors like agriculture and sericulture etc. So also a firm teacher focusing on every student's rich mind to get new dimension found visible for experience the fact of invisible to the betterment of tomorrow.

(R.V.PRAVEENA GOWDA)

Responsibilities and achievements

1. **Alumni and secretary**:- I am alumni of DSCE institution and also secretary of college alumni association . I worked and being working in organizing all college level as well as department level alumni meets very effectively.
2. **7 products invented, designed and developed**:- three major labor saving harvesting, pruning and cutting machine system have been invented, designed and developed for mulberry plants harvesting, pruning used in sericulture and multi purpose harvesting machine for other shrub cutting purposes. This has been appreciated by sericulture research center.
3. **Setup new lab**:- when VTU introduced new machine tools operations lab for 6th sem IEM, I took the responsibility of setting up new lab and preparing lab manual for the same.
4. **Servicing and Calibration of labs**:- under my supervision all department's lab equipments have been serviced and calibrated. It is unique in this institution even NBA and ISO comities appreciated this.
5. **Setup product development cell**:- I have setup product development cell at department. In future any projects product fabrication activities can be done at in-house.
6. **chair person for committees**:- I have been chair person for food , disciplinary, anti ragging, and anti mobile committees during all college major events like DSI open house, alumni meet, 1st year inauguration, college day, sport meet , etc,.
7. **1st NBA committee brought to college campus**:- I was made in charge to bring 1st NBA accreditation committee to DSI campus.

	Authors	Paper title	Type of Conference	Conference venue
1	R.V. Praveena Gowda, Lecturer, DSCE, Dr M K Muralidhar, Professor, MSRIT, Mr. Vijay Krishna, Manager HAL Blore,	Effect of repair welding on Microstructure & mechanical properties of Magnesium Alloy (Mg Rz-5) casting.	International conference	10 th world welding meet, New Delhi, Sept 1998
2	R.V.Praveena Gowda, Senior Lecturer, DSCE, Dr.H.R.Venkatesha, HOD, MBA,DSCE	A Case Study on Improvisation of In-house Mulberry Cutting through Mechanization	National Seminar	9 th ISTE national seminar held at DIT, Bangalore on 17 th &18 th Nov 2006.
3	R.V. Praveena Gowda, Asst Professor, &S.Reshmi, Lecturer Dept. of IE&M, DSCE, Bangalore-78.	"Value stream mapping - an approach to systematic production Planning"- a case study	National Conference	National Level Conference on Managing Firms digitally conducted by DOMS, DSI 25 th & 26 th Oct 07 at CD Sagar Hall, DSI campus.
4	R.V. Praveena Gowda, Asst Professor, Dr.A.N.N.Murthy, Principal, JSSATE, Bangalore and Dr.E.Muniraju, Scientist, KSSRTI, Bangalore	"A System Approach To Labor Time Management in Sericulture Rearing - Two Case Studies"	International Conference	"International conference on Management of Transformation' organized by Delhi business review 3 rd to 5 th Jan 2008 held at New Delhi
5	R.V. Praveena Gowda, Asst Professor, Dr.A.N.N.Murthy, Principal,JSSATE, & Dr.E.Muniraju, Scientist, KSSRTI, Bangalore	"Development of innovative harvesting and pruning system for Sericulture entrepreneurs"	National Conference	RTIMES 2008 on Recent Trends in Mechanical Engineering Sciences at SSIT, Tumkur on 21 st & 22 nd Feb 2008 (pg.240 - 249)
6	R.V. Praveena Gowda, Asst Professor, Dr.A.N.N.Murthy, Principal,JSSATE, & Dr.E.Muniraju, Scientist, KSSRTI, Bangalore	"A system approach to labor time management in Sericulture rearing - two case studies" at- 298	National Conference	RTIMES 2008 on Recent Trends in Mechanical Engineering Sciences at SSIT, Tumkur on 21 st & 22 nd Feb 2008 (pg.289)

7	R.V. Praveena Gowda, Asst Professor, Dr.A.N.N.Murthy, Principal, JSSATE, & Dr.E.Muniraju, Scientist, KSSRTI, Bangalore	"Development of innovative harvesting and pruning system for sericulture entrepreneurs"	National Conference	Central Mechanical Engineering Research Institute, Durgapur on 26 th & 27 th Feb 2008 as a part of the year-long CMERI Golden Jubilee Celebrations.
8	R.V. Praveena Gowda, Asst Professor, & H.R.Rekha, Lecturer Dept. of IE&M, DSCE, Bangalor-78.	Presented paper on "The Silk Infection Resistant Biomaterials for Biomedical Application"	National Conference	National Level Conference on Recent Advancements in Biomedical Instrumentation held on 14 th Mar 2008 organized by the Department of Medical Electronics, DSCE, Bangalore
9	R.V. Praveena Gowda, Asst Professor, & S.Reshmi, Lecturer Dept. of IE&M, DSCE, Bangalor-78.	A systematic Production planning using value stream mapping - a case study " GOT THE BEST PAPER AWORD"	International conference	International conference on digital Factory ICDF 2008, at Coimbatore Institute of Technology ,Coimbatore, TN, held on 11-13 Aug 2008
10	R.V. Praveena Gowda, Asst Professor, & H. Radha, Lecturer Dept. of IE&M, DSCE, Bangalor-78.	A DIMENSIONAL QUALITY INSPECTION SYSTEM USING MECHATRONICS	National Conference	Emerging Trends In Mechanical Engineering ETIMES- 2008 at BMSCE, Bangalore, held on 28 th and 29 th Aug 2008.
11	R.V. Praveena Gowda, Asst Professor, & H.R.Rekha, Lecturer Dept. of IE&M, DSCE, Bangalor-78.	DESIGN OPTIMIZATION STUDIES ON COMPRESSOR ROTOR BLADES ROOT ATTACHMENT	National Conference	Emerging Trends In Mechanical Engineering ETIMES- 2008 at BMSCE, Bangalore, held on 28 th and 29 th Aug 2008.
12	R.V. Praveena Gowda, Asst Professor, DSCE, Dr.A.N.N.Murthy, Principal, JSSATE, & Dr.E.Muniraju, Scientist, KSSRTI, Bangalore	Ergonomically designed harvesting and pruning system for sericulturists	International Conference	International conference on Fascinating Advancement in Mechanical Engineering- FAME 2008 held at MEPCO Shilink Engineering college, Sivakasi, TN on 11-13 Dec 2008

13	R.V. Praveena Gowda, Asst Professor, Dr.A.N.N.Murthy, Principal, JSSATE, & Dr.E.Muniraju, Scientist, KSSRTI, Bangalore	Ergonomically designed Multipurpose harvesting Machine	International Conference	International conference on Fascinating Advancement in Mechanical Engineering- FAME 2008 held at MEPCO Shilink Engineering college, Sivakasi, TN on 11-13 Dec 2008
14	R.V. Praveena Gowda, Asst Professor, Dr.A.N.N.Murthy, Principal, JSSATE, & Y.A. Reena, Lecturer, DSCE Bangalore	Effect of technology and Human resource in Sericulture	National Conference	National conference on emerging trends in Industrial engg- SAMEET2009, Dept of IEM BMSCE, Bangalore on 27-28 Feb. 2009
15	R.V. Praveena Gowda, Asst Professor, & H.Radha, Lecturer, Dept. of IEM, DSCE, Bangalore	Systematic Storage system for hosiery products- a case study	National Conference	National conference on emerging trends in Industrial engg- SAMEET2009, Dept of IEM BMSCE, Bangalore on 27-28 Feb. 2009
16	R.V. Praveena Gowda, Asst Professor, & Miss,H.R.Rekha Lecturer, Dept. of IEM, DSCE, Bangalore	Design and development of Coconut dehusker	National Conference	National conference on emerging trends in Industrial engg- SAMEET2009, Dept of IEM BMSCE, Bangalore on 27-28 Feb. 2009