

PROFILE: Dr.P.S.SENTHIL KUMAR

MECHANICAL DEPARTMENT-as on 19.12.2014

Dr.P.S.SENTHIL KUMAR.,ME.,MBA.,PhD-Mech.,MISTE.,MIE.,C Engg., MA-Hindi**Communication details:**

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**LAURELS AFTER JOINING VEL TECH UNIVERSITY-DOJ: 30.4.2014**

Sl no	Date	Event Description
1	From July 14	Dr.P.S.Senthil Kumar is selected as a reviewer for all international journal publications of International Journal of Research in Engineering and Technology (IJRET).Reviewer ID is 20140042.VEL TECH UNIVERSITY
2	14.6.2014	Attended one day national seminar on “Energy optimization & Quality “ conducted by TNEB in association with Sona college of technology in Hotel rain tree,Chennai on 14.6.2014
3	scopus index EMERALD	Submitted technical paper to scopus index EMERALD journal- awaiting for review & acceptance Your manuscript entitled "Impact and Significance of Total Six Sigma Function Deployment Technique in Small Scale Pump Industries." has been successfully submitted online and is presently being given full consideration for publication in the The TQM Journal. manuscript ID is TQM-06-2014-0055.
4	scopus index IJQRM	Submitted technical paper to scopus index IJQRM journal- awaiting for review & acceptance Your manuscript entitled "TSSFD IN WELDING ELECTRODE MANUFACTURING COMPANY- AN INNOVATION TECHNIQUE" has been successfully submitted online and is presently being given full consideration for publication in the International Journal of Quality & Reliability Management. Your manuscript ID is IJQRM-08-2014-0102.
5	Scopus indexed-	"Six Sigma—a paradigm in Jet Pump manufacturing sector" (Submission code: IJSSCA-88891) for the International Journal of Six Sigma and

	inderscience IJSSCA	Competitive Advantage (IJSSCA).
6	Research proposal	Preparing project proposal on “Development of dispersion strengthening graphene reinforced aluminium alloy matrix composites and investigations on its thermal stability & machinability”
7	Tech seminar	Attended one day workshop on “ White body in metals” at VTU conducted by Prof.Avinasharankale from ARAI
8	DDD	Coordinating with DDD to frame syllabus for Elective-Tool Design Engineering ,Elective-Metrology & quality wrt to M/s.ADDISONS ,a tool manufacturing company.
9	Webinar 3.7.2014	ATTENDED WEBINAR conducted by M/s.ALTHEM "DISCOVER 3D PRINTING - A New Dimension to Engineering". On 3.7.2014 11.30 am to 12 noon.
10	8.7.2014	Attended a meeting on ABET conducted by Dr.Anil ,Director,College of Engineering ,Pune at VTU Campus on 8.7.2014
11	Department ADMN	Dr.P.S.Senthilkumar is selected as a DOMAIN HEAD for DESIGN & heading II YEAR students. Responsible for the team of faculty under DESIGN category & entire students of one year. Teaching R&D engineers of TAFE-Part time M Tech Students
12	23.7.2014	Attended an interaction session with Dr.Kuldip ,HeadMech department of BITS PILANI on 23.7.2014 at Vel Tech University.
13	26.7.2014	Attended school research committee meeting on 26.7.2014.Guiding one PhD Research student
14	20.9.2014	Attended a meeting with DRDO Director Armaments regarding a project proposal on development of composite materials for military tanks.
15	15.10.2014	Priliminary meeting with DRDO & NAL SCIENTISTS TO SET UP GRAPHENE RESEARCH LAB funding sought from DRDO- 3 CRORES -AERO SPACE & AUTOMOTIVE APPLICATIONS
16	Nov	Attended one day workshop on “ NDT-Non destructive testing “ conducted by a leading company at VTU
17	Nov	Attended one day workshop on “ Lean Manufacturing “ conducted by a

		leading consulting company M/s.Changeleader,Chennai at VTU
18	Dec 15-17	Attended three days programme on “ Computational Fluid Dynamics and heat transfer ” at VelTech University,Chennai

AWARDS RECEIVED:

- 1) Recipient of “**Bharat Vidya Siromani Award**” conferred by Indian Solidarity Council, New Delhi on 28th May 2013
- 2) Recipient of “**Rastriya Vidya Puraskar Gold Medal Award**” for excellence in education & contribution to society conferred by Indian Institute of Engineering & Management, New Delhi on 28th May 2013

EDUCATIONAL QUALIFICATION:

Sl no	Degree	College/Univ	Percentage of marks	Year of passing
1	PhD	Anna University	Awarded	March 2012
2	ME-PDD	SonaCollege,Salem	77	2007
3	MBA	AnnamalaiUniv	61	2005
4	BE-Mech	CIT,Coimbatore	61	1999
5	DME	PSG Polytechnic,CBE	74	1988
6	SSLC	Sri Gopalnaiduschool,CBE	82	1985
7	MA-Hindi	KSOU	54	2003

PhD -MECH -Topic- Application of Kano Model in Customer Centric Product development and services using advanced techniques-**Degree awarded.**

PROFESSIONAL EXPERIENCE:

Sl. No.	Designation	Name of the Institution & University	Experience
			Duration Years& Months
1	Professor	Vel Tech University,Chennai	8 months

2	Associate/ Professor	PPG Institute of Technology	3.8 years
3	AP (SL)	Sri Ramakrishna Institute of Technology	3.6 years
4	AP	Paavai Engineering college	4 years

Recognitions:

- Dr.P.S.Senthil Kumar is an invited member in IDES- Institute for Doctors ,Engineers& Scientists an international forum & is selected as a Reviewer for all international journal Publications of IDES.
- Dr.P.S.Senthil Kumar is a member ((**Member No: 108819**) in IAENG-INTERNATIONAL ASSOCIATION OF ENGINEERS, LONDON.
- Dr.P.S.Senthil Kumar is a FELLOW MEMBER and reviewer for all journals of Mechanical Engineering in IAEME-International Association for Engineering and Management Education
- Dr.P.S.Senthil Kumar is selected as a reviewer for all international journal publications of International Journal of Research in Engineering and Technology (IJRET).Reviewer Id is **20140042**.VEL TECH UNIVERSITY

LIST OF PUBLICATIONS

INTERNATIONAL JOURNALS

1. **Senthilkumar P.S.**, Balasubramanian S. and Suresh R.K. (2009), ‘Optimization of Lean New Product Development process using Advanced Dual Stage Performance Phase method’, International Journal of Recent Trends in Engineering, Vol. 1, pp. 72-77.
2. **Senthilkumar P.S.**, Balasubramanian S., Suresh R.K. and Arularasu M. (2010), ‘Application of Kano model for classifying the requirements of engineering students’, International Journal of Mechanical Engineering and Technology, Vol. 1, No. 1, pp. 1-15.
3. **Senthilkumar P.S.**, Balasubramanian S., Suresh R.K. and Arularasu M. (2010), ‘Pairing of Intelligent design concept and Kano Model’,

International Journal of Design and Manufacturing Technology,
Vol. 1, No. 1, pp. 1-13.

4. **Senthilkumar P.S.**, Balasubramanian S.,(2012), 'Pairing of Intelligent design concept and Kano Model for Product Development', Australian Journal of Mechanical Engineering Vol 10.,No 5,pp 70-82

INTERNATIONAL CONFERENCE

1. **Senthilkumar P.S.**, Balasubramanian S., Suresh R.K. and Arularasu M. (2010), 'New Product Development processes - An Intelligent system', International Conference on Advanced Manufacturing and Automation, Kalasalingam University, Srivalliputtur.
2. SenthilKumar.P.S.,(2014) "A Study on Employment opportunities generated through Small Business Cluster SEZ's embedded with proper training and implementation process in villages of India" International Conference on Innovative Practices in Global Business.pp 161-168 ISBN 978-93-80530-36-9

NATIONAL CONFERENCES

1. **Senthilkumar P.S.** and Balasubramanian S., Presented poster Paper at International Conference on Educational Leadership at Indian Institute of Management, Bangalore, January 5-7, 2009.
2. **Senthilkumar P.S.** and Balasubramanian S., Presented a paper in the National Conference held at Sir. M. Visvesvaraya Institute of Technology, Bangalore on "Strategies and Challenges in New product development"- Jan 29, 30 - 2009.
3. **Senthilkumar P.S.** and Balasubramanian S., Published a technical paper at SRIT-NATIONAL Conference in the topic 'Solid waste management system and electricity generation-Direct to home project'.
4. **Senthilkumar P.S.** and Balasubramanian S., Presented a technical paper in sixth National Conference "IT enabled product development strategies" at PSG College of Technology, Coimbatore on 18-12-2009 topic, 'Optimization of lean and green new product development and data management'.

Membership in Professional Boards :

- 1) Life member- Indian Society for Technical Education (ISTE)
- 2) Life member- National Institute of Personnel Management(NIPM)
- 3) CII-HR Panel member-Coimbatore chapter

AS AN AUTHOR : Writing 2 books with topics chosen

- Amazing ideas for young minds
- Fundamentals of New Product Design & Development
- Graphene and its mammoth applications

EXCELLENCE IN WORK : UG/PG/PhD Guidance

- Had organized more than 100 companies for Campus interviews
- Guide- BE MECH -DRDO sponsored project-Turbo engine fin design
- Guided- BE MECH – Coconut dehusker- hydraulic operated/ no power required
- Guided – BE –Aero Final year HAL Project- Study of technical snag in jaguar aircraft.
- Guided **TAFE Design Engineers** MTech Auto project - Design, Development And Evaluation Of Dual Belleville Clutch In Front End Loader Tractor For Clutch Life Enhancement
- Guided **TAFE Design Engineers** MTech Auto project - Operator Ergonomics Improvement Through Electro Hydraulic Differential Lock System
- Guiding one PhD student at VEL Tech University.

Sl no	Award	For
1	Cash-Rs 1500/-	International Journal publication-May 2009.
2	Citation	100% results produced in the subject-VIII sem 2009.

TEACHING:

Sl no	Year & sem	Subject	Result

1	2008-09, VIII	Product Design & Costing	100%
2	2011-12 III	Production Technology	100%
3	2010-11 VI	Design of Transmission systems	87%
4	2012-13 III	Fluid Mechanics	92%
5	2011-12 V	Heat and Mass transfer	69%
6	2009-10 VII	TQM	97%
7	2013-14	Engineering Mechanics	65%

WORKSHOPS/SEMINARS/FDP ATTENDED:

Sl no	Date	Topic
1	4,5-6-08	Two day workshop Cum Exhibition on New Product Development Tools CAD-CAM-RP-CAE- by CII
2	25-6-08	7 pm to 10 pm.-By CII-Topic – Recent trends in IT sector.
3	5-7-08	Attended one day workshop -Employability skills development among students-by ERA.
4	19,20-9-08	ISTD had conducted a regional conference for the HR 's of companies in Chennai Trade Centre. Attended the same.
5	12-11-08	CII Meeting-Rakindo , Pyramid Saimera entertainment group
6	15,16-11-08	Attended IPR National seminar for 2 days at Anna university,cbe.
7	27-1-2009	Attended DST meeting at SREC
8	27-2-2009	CII Meeting- Entrepreneurial development.
9	15 to 20-4-09	Anna University representative (AUR) to VLB Janakiammal College of Engg&Tech,Cbe for FIVE DAYS.
10	1-7-09	Attended HR-Conclave Meet at Chennai
11	20-7-09	Attended a seminar organized by M/S.SIEMENS on “Solid edge with Synchronous Technology-2”-Hotel Residency.

12	30-8-09 1-9-09	Attended two day southern regional conference organized by NIPM,Coimbatore chapter
13	2-9-09 3-9-09	Attended two day orientation programme organized by Anna University,Chennai for Placement Officers of Tamilnadu.
14	14-10-09	Arranged & attended one day HR-Conclave meet organized by CII-Coimbatore chapter.
15	25,26-11-09	Attended CSIR sponsored seminar on “Recent Advancements in Industrial Automation” at KSR College of technology,Tiruchencode.
16	9.1.2010	M/s.COINDIA had organized a meeting & I attended the full days programme on employability skill development.
17	22,23,24-1-2010	I had attended three days meeting organized by CII-Chennai zone in Chennai trade fair centre, Chennai.- ‘The Partnership Summit 2010.’
18	3-3-2010	I had attended one day workshop conducted by PSG TECH on product design & styling organized by PSG TECH- DSIR.
19	5-3-2010	I had attended a HR MEET in Coimbatore organized by CII-Coimbatore
20	13-3-2010	Attended a national seminar in PSG TECH on PHEV & environment.
21	19-8-2010	M/s.DASSAULT SYSTEMS had conducted a meeting for their PLM software.I took part in the one day programme on 19.8.2010.
22	Sep 2010	Attended The summit-2010 HR meeting at Chennai
23	22-11-2010	Attended TiE inaugural meet in Hotel Residency,CBE
24	30-10-2010	Attended NASSCOM meet in The hotel Residency,CBE
25	21-11-2010 5-12-2010	Attended “Intelligent Vehicle Initiatives” a two week Faculty development programme at PSG TECH sponsored by AICTE
26	29-12-2010	Attended Campus connect programme at Infosys technologies Ltd in Chennai Mahindra world city INFOSYS-Development center.
27	5/06/2011 to 8/6/2011	Attended TTT –Soft skills Campus connect programme at Infosys technologies Ltd in Chennai Mahindra world city INFOSYS-Development center.
28	21/06/2011	Attended one day workshop FDP on Need based skills for effective teaching at SRIT,CBE

29	21/07/2011	Attended one day conference on “Cost Optimization using Open Automation Technologies in Plant and Machine Automation” at Hotel residency,cbe
30	20/08/2011	Attended one day conference ACTIVATE 2011 organized by AUT,CBE at Hotel Residency.
31	25.9.13 to 26.9.13	Attended CII HR CONNECT at Chennai organized by Govt of Tamilnadu& CII
32	27.11.2013	Attended one day awareness programme at NIET,CBE in funded projects related ISRO,DRDO
33	29.11.2013 to 30.11.2013	Attended “National Higher Education Conclave” 2013 – Transformational changes in Higher Education & Global Excellence through Governance,Research and Innovation at Coimbatore organized by CII-Coimbatore chapter and actively participated.
34	5.11.2013	Attended one day ISO Audit training at NIT,CBE
35	25.01.2014	Attended one day FDP on “360 * of Human Resource Management”
36	21.2.2014 22.2.2014	Attended two day national workshop on “Recent trends in NANO Technology application in Engineering at MIT,Chennai
37	14.6.2014	Attended one day national seminar on “Energy optimization & Quality “ conducted by TNEB in association with Sona college of technology in Hotel rain tree,Chennai

ORGANISED GUEST LECTURERS /INDUSTRY EXPERTS FOR THE DEPARTMENT

Sl no	Topic
1	InvitedCountry Head – Training, Mr. G C Vijayakumar , from EDS Technologies Pvt. Ltd.,B’lore for BE-Mech. The seminar focused on the Recent Developments in Product Life cycle.
2	Invited-Commander S.K.Naresh as Chief Guest for Graduation Day-2007 Batch
3	Invited Mr.N.J.Ravichandren ,HR Manager M/S.JayemAutomotivesLtd,CBE for the inauguration of BE-EEE department Association.

4	Invited Mr. Manoj Jai Krishshnan ,DGM& Head-HR & IRM/S.Servall engineering works p ltd,cbe for the inauguration of BE-CIVIL department Association.
5	Invited Mr.P.S.Balasubramanian ,-General Manager-HR ,Auto Print Ltd,cbe for the inauguration of BE-Mech department Association.
6	Invited- Mr.ZakirAhmed ,Head Technical –Cognizant Tech Solutions,CBE as Chief Guest for Annual Day-2008 Batch
7	Invited- Mr.A.K.Pattabiraman ,Head for Accreditation for South India –Tata Consultancy Services,Chennai as Chief Guest for Graduation Day-2008 Batch
8	Invited Deputy Managing Director Mr.Vasudevan of M/S.Mando India Limited as Chief Guest for MBA guest lecture Programme.
9	Invited Ms.AmiliaChang , Admission Manager of German Institute of Technology ,Singapore address our college students regarding overseas education
10	Invited CEO Mr.Joby Joseph of FRESHERS WORLD.COM to the college for interaction
11	Invited Mr.P.Shanmugam , Scientist ,NAL-National aerospace laboratories,Bangalore to address AERO &mech students of KIT
12	Invited Shri K.V.Srinivasan ,Emiritus Scientist ,ADE,Bangalore for a guest lecture programme at KIT.
13	Invited many more guests for the past three years

Invited CHIEF GUESTS to inaugurate TECHNICAL SYMPOSIUMS.

session	Chief guest details
Inauguration EEE	Mrs.HemaAnnamalai ,Founder & Managing Director Ampere Vehicles Private Limited,Coimbatore
Valedictory EEE	Mr.M.Kandaswami ,Vice President CODISSIA,Coimbatore
Inauguration BTech-IT	Mr.S.Pravin Kumar ,Head-Information Technology SEFORGE Limited,Coimbatore
Valedictory	Mr.KarthickGunasekaran

Btech-IT	Manager-Business Development, ViSolveInc, Coimbatore
Inauguration ECE	Mr.M.THIRUVALLUVAR Senior Deputy General Manager, HRD, BHEL, TIRUCHY
Valedictory ECE	Mr.R.MaheshBabu AGM, SUZLON ENERGE Forge Limited, Coimbatore
Inauguration CIVIL & MECH	Mr.N.Balasubramanian Senior Deputy General Manager, Contracts, URC Construction [P] Ltd. Erode/Tamilnadu/India
Valedictory CIVIL & MECH	MR.D.Kittusamy, Deputy General Manager Sakthi Sugars Limited, Coimbatore
Inauguration CSE	Dr.Sambath Narayanan Parthasarathy, Senior Consultant, STG Lab services, IBM IPL, Bangalore.
Valedictory MCA	Mrs.P.Shabna, HR Manager, ATS ELGI Limited, cbe
Inauguration-KIT IT Department	Mr.ShanthaKumar, CEO, E-CLOUDS Software, cbe
Mech-L&T MoU	Mr.BH.Laxmesh Head & Joint General Manager, Heavy engineering, Larsen & Toubro Ltd, CBE
	And many more for the past three years

I had brought the following top notch companies for campus drives along with more than 100 companies from India

Infosys Technologies Ltd	Wipro Technologies Ltd
SATYAM, Hyderabad	L&T Info tech
CCCL for civil engineers	IVCRL-Civil
Established IBM Learning center	Sonata software

My Guest lectures programmes:

Sl no	Topic
1	Strategies & challenges in Product Development for MBA students
2	World class manufacturing for MBA students
3	Two hour guest lecture programme on Employability skills for BE-ECE students during association hours.
4	Two hour guest lecture programme on Employability skills for BE-CSE students during association hours.
5	Two hour guest lecture programme on Entrepreneurship development for BE-Mech students during association hours.
6	Two hour guest lecture programme on Entrepreneurship development for BE-ECE students during association hours.
7	Two hour guest lecture programme on SOFT SKILLS & GD for BE-CSE students during association hours.
8	Two hour guest lecture programme on Business case analysis & Report writing for MBA students.
9	Two hour guest lecture programme for MBA on Business Tactics
10	Two hour guest lecture programme for BE Mech on Product Design
11	Addressed the entire college on ENGINEERS DAY on 15-9-2011 during engineers day celebrations on the topic PAST PRESENT & FUTURE at KalaingarKarunanidhi Institute of Technology,CBE
12	Addressed the entire college on ENGINEERS DAY on 15-9-2012 during engineers day celebrations on the topic PRECISION,PERFECTION & PERFORMANCE at PPG Institute of Technology,Coimbatore
13	Addressed in Coimbatore Management Association CMA on New product development
14	Guest lecture in one day work shop for BE MECH students on “Product design and modelling” at VEL Tech .

Personality development programme

I have groomed more than 4000 young budding engineers, MBA's & graduates who aspire to become successful in their lives for the past 10 years. Many of them have grown to become managers of companies & large industries.

NEWS PAPER DETAILS:

- Army recruitment Drive was conducted in SNR Sons auditorium from 5th to 7th sep 2008. This news was flashed in The HINDU DAILY, Dinamalar & Thinathanthi.
- I had given an interview exclusively to The Hindu Daily on 30th of March 2009. This news was flashed in the paper on 15-4-2009.
- A blog was written by CEO Mr. Joby Joseph of M/s. Freshers world.com and had mentioned about the programme "IGNITING MINDS" organized at SRIT.
- And many more as a Principal - attached NEWS LETTER - PRAVAH 2012



Dr.P.S.SENTHIL KUMAR

DOB-01-06-1970 -Marital status: Married & father of two children –ONE BOY & ONE GIRL Religion: HINDU

Address for Communication

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