

PROFILE

NAME : Dr. V.VASANTHA KUMAR

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EDUCATIONAL QUALIFICATIONS :

SL. No.	Courses	Institution / University	Year of passing	Class obtained
1	Ph.D (Mech. Engg.)	Anna University, Chennai	2013	
2	M.E (Prod. Engg.)	Govt. College of Technology, Coimbatore	1999	I st
3	B.E (Mech. Engg.)	Coimbatore Institute of Technology, Coimbatore	1994	I st

INDUSTRIAL EXPERIENCE:

SL. No.	Industries worked	Period	
		From	To
1	Tamil Nadu State Transport Corporation, Coimbatore	June 1996	June 1997
2	Universal Radiators Ltd., Coimbatore	July 1994	May 1996

ACADEMIC EXPERIENCE:

SL. No.	Institutions worked	Period	
		From	To
1	CIT Sandwich Polytechnic College, Coimbatore	June 1999	still now
2	Park College of Technology, Coimbatore	April 1999	May 1999

EXPERIENCE IN YEARS:

Industrial Experience – 03 years

Academic Experience – 16 years

Ph. D PROJECT TITLE:

Studies on 317L Stainless Steel Claddings by Flux Cored Arc Welding (FCAW) Process

Under the Guidance of **Dr. N. MURUGAN**

MEMBER OF PROFESSIONAL BODIES

SL.No.	Professional Bodies	Status
1	Indian Society for Technical Education (ISTE)	Life Member
2	Indian Welding Society (IWS)	Life Member

RESPONSIBILITIES UNDERTAKEN:

SL.No.	Activity	Post Held	Period
1	Time - Table	Incharge	2009 - 11
2	National Service Scheme (NSS)	Programme Officer	2003 - 06
3	Youth Red Cross (YRC)	Programme Officer	1999 - 06
4	SC / ST Book Bank	Incharge	2001 - 02
5	Placement	Placement Officer	2015 - 17

POSITIONS HELD:

SL.No.	Organisation	Position	Period
1	Indian Welding Society, Coimbatore Center – CIT, Coimbatore	Treasurer	2009 - 2011
2	Indian Welding Society, Coimbatore Center – CIT, Coimbatore	Secretary	2011 - 2015
3	Indian Welding Society, Coimbatore Center – CIT, Coimbatore	Treasurer	2015 - 2017

ACHIEVEMENTS:

1. EXTRA CURRICULAR ACTIVITY - Awards

SL. No.	Academic Year	Activity	Prizes / Awards
1	2004-05	NSS	Best NSS UNIT Award (DOTE)
2	2004-05	NSS	Best NSS VOLUNTEER Award (DOTE) Selvan.S.Kanagabalaji DChE
3	2009	NSS	Best Paper Presentation (DOTE NSS-Silver Jubilee)

2. ACADEMIC – Theory Subjects

TECHNICAL LECTURES ATTENDED:

SL. No.	Technical Lectures	Resource Persons	Period
1	TWM in Welding	Rajasekar, WRI , Trichy	25.02.2008
2	Modeling and Simulation of Welding Processes	Dr.S.Kumanan Ph.D.	17.07.2008
3	Surface Engineering for fast breeder reactor Programme	Dr.V.Kamachi Mudali Head of Corrosion Science & Tech. IGCAR, Kalpakkam	04.08.2008
4	Hydrogen Induced cracking of quenched and tempered Steel	G.Magudeeswaran Sri Ramakrishna Engg. College, CBE	14.11.2008
5	Recent Trends in Welding	Dr.N.Krishnan	19.01.2009

	Technology	Darwin NT , Australia	
6	Welding Simulator (ARC)	G.M.S.Swamy, JCS Consultants	06.02.2009
7	Recent Trends in Resistance Welding	Dr.K.Ashok Kumar Hon. Treasurer, IWS, South Zone.	19.02.2009
8	Solid State Welding Processes	Dr.V.P.Ragupathy, PESIT, Bangalore – 85.	15.05.2009
9	Recent Trends in Welding Technology	Dr.R.S.Parmar Ex – Prof., IIT, Delhi	20.05.2009
10	Options for Future Energy: Hydrogen	Dr.P.Muthukumar, Prof., IIT, Guwahati	05.09.2009
11	Friction stir welding & Laser welding	Dr.R.S.Parmar Ex – Prof., IIT, Delhi	26.07.2011
12	“Indian Scenario-Steel Vs Welding” & Enhanced Productivity in GMAW	Shri. Honavar Chairman Honavar Electrodes Pvt. Ltd.	20.01.10
13	Advances in GTAW processes & Process Optimization using Genetic Algorithm	Dr.M.Vasudevan Scientist ‘G’, IGCAR Metallurgy & Materials group Kalpakkam	12.03.10
14	“Surface Modification processes”	Dr.P.Gopalakrishnan Prof & Head Dept. of Metallurgical Engg. PSG College of Technology	14.03.11

COURSES ATTENDED:

SL. No.	Courses	Place	Period
1	Tool Design Concepts	S A International Ltd., Chennai & NTTF, Bangalore	11.10.99 to 16.10.99
2	Youth Red Cross Orientation Programme	Don Bosco centre, Kothagiri	16.12.99 to 18.12.99
3	Health 2000	PSG College of Technology, Coimbatore-641004	27.09.2000
4	Orientation Training Programme - YRC	PSG College of Technology, Coimbatore-641004	23.01.2001
5	University level study camp - YRC	Bharathiyar University, Coimbatore-641046	05.10.2001 to 07.10.2001
6	Senior First Aider Grade First-aid Training	St. John's Ambulance Brigade	18.01.2002
7	Dissemination of Red Cross Principles & International Humanitarian Law	Perks College of Arts and Science Tirupur	06.03.2002
8	Role of Mechatronics in Modern Manufacturing	Nachimuthu Polytechnic College, Pollachi-642003	25.11.2002 to 07.12.2002
9	Instructional Methods	Sri Ramakrishna Polytechnic College, Coimbatore-641022	04.01.2003
10	YRC Programme Officers Training Programme	Bharathiyar University, Coimbatore	26.09.2003 to 27.09.2003

11	Two day Orientation Programme	PKR Arts College for Women, Gobichettipalayam	27.11.2003 to 29.11.2003
12	Three day Disaster Management Training Programme	Annamalai University, Chidambaram	29.03.2004 to 31.03.2004
13	Regional NSS Programme Officers meeting	Sri Ramakrishna Polytechnic College Coimbatore	26.07.2004
14	Workshop on Interpolytechnic Career Guidance Programme	Kongu Polytechnic College, Perundurai, Erode-638052	14.02.2005
15	Disaster Management Fire Safety and Rescue Methods	VLB Janakiammal Polytechnic College, Coimbatore-641042	13.08.2005
16	NSS – Orientation Course	Avinashilingam Institute for Home Science, Coimbatore-641043	17.08.2005 to 26.08.2005
17	Capacity Building on Youth Empowerment	Rajiv Gandhi National Institute of Youth Development, Sriperumbudur	17.01.2006 to 18.01.2006
18	Material Modelling and Simulation of Manufacturing Processes	Coimbatore Institute of Technology, Coimbatore-641014	11.01.2008
19	Workshop for Student Services Co-ordinators	Alagappa Polytechnic College, Karaikudi-630004	29.02.2008 to 01.03.2008
20	Orientation Programme	Anna University Coimbatore, Coimbatore-641013	07.06.2008 to 08.06.2008
21	Continuing Education Managers Workshop	Government Polytechnic College for Women, Coimbatore-641044	23.07.2008 to 26.07.2008
22	ICDF 2008 Pre Conference Workshop - II	Coimbatore Institute of Technology, Coimbatore-641014	09.08.2008
23	International Conference on DIGITAL FACTORY – ICDF 2008	Coimbatore Institute of Technology, Coimbatore-641014	11.08.2008 to 13.08.2008
24	Workshop on Advances in Welding Technology for Fabrication Industries	Coimbatore Institute of Technology, Coimbatore-641014 and Fabtec 2009	23.01.2009
25	Advances and Emerging Techniques in Fluid Dynamics and Heat Transfer	Kavery Engineering College Mecheri, Mettur Salem – 636 453	22.06.2009 to 04.07.2009
26	International Conference on Cutting, Welding and Surfacing	IWS – CIT, WRI - Trichy, Fabtech 2011 – CODISSIA, Coimbatore-641014	22.01.2011 to 23.01.2011
27	Enhancing the Effectiveness of Polytechnic Teaching	CIT Sandwich Polytechnic College, Coimbatore-641014 and NITTTR, Chennai-600113	11.02.2011
28	Energy Auditing & Management	Karpagam Polytechnic College, Coimbatore	04.07.2011 to 08.07.2011

29	Modern trends in Automobile Technology	NITTTTR, Chennai-600113	14.11.2011 to 18.11.2011
30	Material and Resource management	NITTTTR, Bhopal	23.01.12 to 03.02.12
31	Thermal Power Engineering	NITTTTR, Chennai-600113	05.03.2012 to 09.03.2012
32	Two day workshop on Welding Technology and Non-Destructive testing	Coimbatore Institute Technology Coimbatore & Indian Welding Society, Coimbatore Centre	17.08.2012 to 18.08.2012
33	Non Traditional Optimization techniques for Research and Industrial needs	TEQIP II sponsored Govt. College of Technology Coimbatore	09.10.2012 to 15.10.2012
34	Finite Element Method for Engineering Applications	TEQIP II sponsored Govt. College of Engineering Bargur-635 104	20.02.2013 to 26.02.2013
35	Strategies for Environmentally Concious Product Design and Manufacturing	AICTE sponsored SDP PSG College of Technology Coimbatore-04	02.06.2013 to 15.06.2013
36	Renewable Energy Technologies and Energy Conservation Methods	AICTE sponsored SDP CIT Sandwich Polytechnic College Coimbatore-14	19.08.2013 to 01.09.2013
37	Distributed Generation: The Power Structure for next generation	TEQIP II sponsored Coimbatore Institute of Technology Coimbatore-14	03.10.2013 to 09.10.2013
38	Engineering Thermodynamics	TEQIP II sponsored Coimbatore Institute of Technology Coimbatore-14	11.12.2013 to 17.12.2013
39	Heat Transfer	UGC sponsored FDP Coimbatore Institute of Technology Coimbatore-14	19.12.2013 to 25.12.2013
40	Management, Innovation and Leadership-Towards A Better Changing World	TEQIP II sponsored Coimbatore Institute of Technology Coimbatore-14	16.04.2014 to 22.04.2014
41	Software applications in Civil Engineering	TEQIP II sponsored Coimbatore Institute of Technology Coimbatore-14	02.05.2014 to 08.05.2014
42	Advanced Welding Engineering and Technology	TEQIP II sponsored Coimbatore Institute of Technology Coimbatore-14	02.06.2014 to 08.06.2014
43	Heat Transfer	TEQIP II sponsored Coimbatore Institute of Technology Coimbatore-14	14.10.2014 to 20.10.2014
44	Green Energy Solutions for Sustainable Development	UGC sponsored FDP Coimbatore Institute of Technology Coimbatore-14	14.12.2014 to 20.12.2014

PROGRAMMES ORGANISED:**1. IN – CAMPUS**

SL.No.	Programmes	Resource persons	Organised on
1	Hepatitis – B Vaccination	Mr. Saravana kumar Business Development Executive M/s. Santha Biotechnics Pvt. Ltd. Hyderabad	1 st dose - 06.01.03 2 nd dose - 26.02.03 & 28.02.03 3 rd dose - 26.06.03
2	Blood Pressure check-up camp	M/s. K.G.Hospitals Pvt. Ltd. Coimbatore	07.03.03
3	NSS – Orientation Programme	Dr. Rajalakshmi Training Co-ordinator NSS - TOC Avinashilingam Institute for Home Science, Coimbatore	18.08.03
4	Rain Water harvesting seminar and demonstration	Mr.K.Jayachandran ME (PHE) Superintendent Engineer & Mr.R.Venkatasamy Deputy Hydro Geologist TWAD Board, Coimbatore	25.08.03
5	Entrepreneur Development in Rural areas	Mr.B.Nagalingam Asst. Director of Industries & Commerce and Mr.M.Akbar Industrial Co-operative Officer District Industries Centre, CBE	25.09.03
6	Career Guidance	Prof.N.C.M.Jothimayam Dean S.N.S. College of Technology,CBE	20.02.04
7	Hepatitis – B Vaccination Awareness seminar	Mr. Saravana kumar Business Development Executive M/s. Santha Biotechnics Pvt. Ltd. Hyderabad	17.08.04
8	Hepatitis – B Vaccination	Mr. Saravana kumar Business Development Executive M/s. Santha Biotechnics Pvt. Ltd. Hyderabad	1 st dose - 20.08.04 2 nd dose -20.09.04 3 rd dose -19.01.05
9	Interpolytechnic one day Workshop on Fire Safety & Rescue methods	Mrs.N.Priya M.A., M.Phil., Divisional Fire Officer & Mr.P.M.Subramanian B.Sc., Asst. Divisional Fire Officer Fire & Rescue Service Dept., CBE	03.09.04

2. OFF – CAMPUS

SL. No.	Academic Year	NSS – Special Camp	Village	Period	
				From	To
1	2002 - 03	Youth for Jal Samvardhan	Udayampalayam &	24.02.03	05.03.03

			Chinnavedampatti		
2	2003 - 04	Youth for Cleanliness	Vandikaranoor & Kuppapalayam	22.12.03	31.12.03
3	2004 - 05	Youth for Cleanliness	Vandikaranoor & Kuppapalayam	22.12.04	31.12.04
4	2004 - 06	Youth for Cleanliness	Kaliannanputhur & Valayapalayam	23.12.05	01.01.06

TECHNICAL SYMPOSIUMS ORGANISED:

SL. No.	Academic Year	Symposium Title	Period	
			From	To
1	2007 - 08	POLYFEST 2008	26.02.2008	27.02.2008
2	2008 - 09	POLYFEST 2009	26.02.2009	27.02.2009
3	2009 - 10	POLYFEST 2010	26.02.2010	27.02.2010

INTERNATIONAL CONFERENCES / WORKSHOPS ORGANISED:

SL. No.	Academic Year	Conference/Workshop Title	Collaboration with	Period	
				From	To
1	2008 - 09	Advances in Welding Technology for Fabrication Industries	CIT, CODISSIA, Fabtec India 2009	23.01.09	-
2	2010 - 11	International Conference on advances in Cutting, Welding & Surfacing – CWS 2011	CIT, CODISSIA, WRI, SCHALL	22.01.11	23.01.11
3	2011 - 12	Two day Workshop on Welding Technology & NDT	CIT	17.08.12	18.08.12
4	2013 - 14	Recent Trends in Welding Technology and Non-Destructive Testing	CIT	20.09.13	21.09.13
5	2015 - 16	International Conference on advances in Cutting, Welding & Surfacing – CWS 2015	CIT, CODISSIA, WRI,	05.08.15	07.08.15

PAPERS PUBLISHED:

1. Vasantha Kumar, V and Karuppanan, C. "Supply chain management", Proceedings of International Conference on Digital Factory (ICDF 2008), Jointly with Business Innovation Research Centre (BIRC), Charlton College of Business, University of Massachusetts – Dartmouth, USA, pp. 497 - 500, Aug 11th to 13th 2008.
2. Vasantha Kumar, V and Karuppanan, C. "Virtual Manufacturing", Proceedings of International Conference on Digital Factory (ICDF 2008), Jointly with Business Innovation Research Centre (BIRC), Charlton College of Business, University of Massachusetts – Dartmouth, USA, pp. 990 - 995, Aug 11th to 13th 2008.
3. Vasantha Kumar, V and Murugan, N. "Regression models for prediction of weld bead geometry in Stainless Steel surfacing by flux cored arc welding", International Journal of Emerging Technologies & Applications in Engg., Tech. & Sciences – IJ-ETA-ETS, ISSN : 0974-3588, Vol. 3, Issue 2, Amoghsiddhi Education Society, pp. 196 – 203, July 2010.

4. Vasantha Kumar, V and Murugan, N. "Weld bead geometry Optimisation for Stainless Steel Cladding by FCAW using excel solver", International Conference on advances in Cutting, Welding & Surfacing – CWS 2011, pp. D1 - D8, Jan 22nd-23rd 2011.
5. Vasantha Kumar, V and Murugan, N. "Effect of FCAW Process Parameters on Weld Bead Geometry in Stainless Steel Cladding", Journal of Minerals & Materials Characterization & Engg.- JMMCE, ISSN: 1539-2511, Vol. 10, No.9, pp. 827-842, 2011.

NO. OF TRAININGS ATTENDED:

(1 WEEK)

SL. No.	Courses	Place	Period
1	Energy Auditing & Management	Karpagam Polytechnic College, Coimbatore	04.07.2011 to 08.07.2011
2	Modern trends in Automobile Technology	NITTTR, Chennai-600113	14.11.2011 to 18.11.2011
3	Thermal Power Engineering	NITTTR, Chennai-600113	05.03.2012 to 09.03.2012
4	Non Traditional Optimization techniques for Research and Industrial needs	TEQIP II sponsored Govt. College of Technology Coimbatore	09.10.2012 to 15.10.2012
5	Finite Element Method for Engineering Applications	TEQIP II sponsored Govt. College of Engineering Bargur-635 104	20.02.2013 to 26.02.2013
6	Distributed Generation: The Power Structure for next generation	TEQIP II sponsored Coimbatore Institute of Technology Coimbatore-14	03.10.2013 to 09.10.2013
7	Engineering Thermodynamics	TEQIP II sponsored Coimbatore Institute of Technology Coimbatore-14	11.12.2013 to 17.12.2013
8	Heat Transfer	UGC sponsored FDP Coimbatore Institute of Technology Coimbatore-14	19.12.2013 to 25.12.2013
9	Management, Innovation and Leadership-Towards A Better Changing World	TEQIP II sponsored Coimbatore Institute of Technology Coimbatore-14	16.04.2014 to 22.04.2014
10	Software applications in Civil Engineering	TEQIP II sponsored Coimbatore Institute of Technology Coimbatore-14	02.05.2014 to 08.05.2014
11	Advanced Welding Engineering and Technology	TEQIP II sponsored Coimbatore Institute of Technology Coimbatore-14	02.06.2014 to 08.06.2014
12	Heat Transfer	TEQIP II sponsored Coimbatore Institute of Technology Coimbatore-14	14.10.2014 to 20.10.2014

(2 WEEKS)

SL. No.	Courses	Place	Period
1	Advances and Emerging Techniques in Fluid Dynamics and Heat Transfer	Kavery Engineering College Mecheri, Mettur Salem – 636 453	22.06.2009 to 04.07.2009
2	Material and Resource management	NITTTR, Bhopal	23.01.12 to 03.02.12
3	Strategies for Environmentally Concious Product Design and Manufacturing	AICTE sponsored SDP PSG College of Technology Coimbatore-04	02.06.2013 to 15.06.2013
4	Renewable Energy Technologies and Energy Conservation Methods	AICTE sponsored SDP CIT Sandwich Polytechnic College Coimbatore-14	19.08.2013 to 01.09.2013

DETAILS OF AWARDS ACHIEVED:

SL. No.	Academic Year	Activity	Prizes / Awards
1	2004-05	NSS	Best NSS UNIT Award (DOTE)
2	2004-05	NSS	Best NSS VOLUNTEER Award (DOTE) Selvan.S.Kanagabalaji, DChE
3	2009	NSS	Best Paper Presentation (DOTE NSS-Silver Jubilee)

PAPERS PUBLISHED:

1. Vasantha Kumar, V and Karuppanan, C. "Supply chain management", Proceedings of International Conference on Digital Factory (ICDF 2008), Jointly with Business Innovation Research Centre (BIRC), Charlton College of Business, University of Massachusetts – Dartmouth, USA, pp. 497 - 500, Aug 11th to 13th 2008.
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5. Vasantha Kumar, V and Murugan, N. "Effect of FCAW Process Parameters on Weld Bead Geometry in Stainless Steel Cladding", Journal of Minerals & Materials Characterization & Engg.- JMMCE, ISSN: 1539-2511, Vol. 10, No.9, pp. 827-842, 2011.

ACHIEVEMENTS:

1. ACADEMIC – **Theory Subjects**

INTERNATIONAL CONFERENCES / WORKSHOPS ORGANISED:

SL.No.	Class	Sem.	Subjects Handled	Month & Year	Result %
1	DME	V	Jigs, Fixtures and Gauges	Oct 2000	100
2	DME	VI	Process Planning and Cost Estimation	Apr 2002	100
3	DChE	VI	Industrial Engineering and Management	Apr 2006	100
4	DME	III	Machine Drawing	Oct 2007	100
5	DChE	IV	Engineering Drawing	Apr 2008	100
6	DChE	III	Mechanical Engineering	Oct 2008	100
7	DChE	IV	Engineering Drawing	Apr 2009	100
8	DME	V	Metrology, Machine Tool Maintenance and Testing	Oct 2011	100
9	DME (SWC)	V	Thermal Engineering – I		
10	DME (SWC)	V	Manufacturing Technology – II		
11	DME (SWC)	V	Design of Machine Elements		
12	DICE	I	Engineering Graphis - I	Apr 2015	100