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FACULTY PROFILE

Name	:	Suresh Totappa Dundur	Recent Photo
Designation	:	Professor	
Department	:	Industrial and Production Engineering	
Employee ID	:	TIP001	
E mail ID (College official ID), (Personal mail ID)	:	stdip@mail.becbgk.edu sureshdundur@gmail.com	
Contact details	:	Dr. Suresh T. Dundur 'Pranjali', M-82, 1st Main Sector 61, Navanagar Bagalkot 587103	
Orcid ID	:	https://orcid.org/0000-0001-5535-4082	
Scopus ID	:	0065c67883a5739504148b2f4da231d3	
Vidwan Id	:	186406	
Researcher ID (Web of Science)	:		
Google Scholar ID	:	dOvJkzoAAAAJ	
Qualification	:	Ph D	
Professional Experience	:		
Teaching experience	:	35 Years	
Industry experience	:	-Nil-	
Administrative Responsibilities	:	<ol style="list-style-type: none"> 1. Professor and Head, Department of Industrial and Production Engineering, 2003-06 & 2007-13 2. Coordinator Industry Institute Partnership Cell (BEC-IIPC), 2004 3. Coordinator for promoting Industry Institute Interaction under TEQIP, 2005 4. Principal, Hiresugar Institute of Technology, Nidasosi, 2006-07 5. Principal, Biluru Gurubasava Mahaswamiji Institute of Technology, Mudhol, 2013-16 	

Teaching	:	
No. of Projects Guided	:	
UG	:	50 (Approx)
PG	:	01
Research	:	
Interest Area	:	1. Metal machining: Slipline field theory, FEM, Cryogenics etc 2. Bio mass energy- utilization of agricultural residues etc
No. of Research Scholars	:	
Pursuing	:	03
Awarded	:	03
Patents	:	<i>-None-</i>
Research Grants	:	1. Industry Institute Partnership Cell, 5.0 lakhs,
Publications Books/Chapters	:	1. Book: Metal Cutting Principles and Analysis: Deformation studies in machining with a tool with flank wear. VDM Verlag, International
Journals (with citations)	:	<ol style="list-style-type: none"> 1. Slipline solutions for metal machining with adhesion friction and elastic effects at the tool contact region- N.S.Das and S.T.Dundur, Proc. IMechE, Vol. 219 Part B, Journal of Engineering Manufacture, pp. 57-72, 2005 International 2. A slipline filed analysis of free-chip orthogonal machining with adhesion friction at rake face- N.S.Das and S.T.Dundur, Int. J. Machining Sc.&Tech, 10:371-387, 2008 International 3. Slipline filed modeling of orthogonal machining for a worn tool with elastic effects and adhesion friction at the contact regions- S.T.Dundur and N.S.Das, International Journal of Material Processing Technology, Volume 209, Issue 1, pp. 18–25, 2009, International 4. Slipline field analysis of free-chip machining with a tool with flank wear- S.T.Dundur and N.S.Das, Int. J. for Manufac.Sc. and Tech., Vol. 8, No. 2, pp. 60, 2008, International 5. Study and Analysis of Effect of Cutting Parameters on Cutting Forces and Surface Roughness, Vishaldatt V. Kohir and Suresh T. Dundur, Advanced Engineering and Applied Sciences: An International Journal Vol. 5(3) page 63-73 year 2015, International 6. Finite Element Simulation to study the effect of flank wear land inclination on Cutting forces and temperature distribution in orthogonal machining, Vishaldatt V. Kohir and Suresh T. Dundur, Journal of Engineering and Fundamentals, Vol. 1(1), page. 30-42, December, 2014 International 7. Influence of flank wear land inclination on attributes of orthogonal machining using slip line field Vishaldatt V. Kohir and Suresh T. Dundur, International Journal Mechanical Engineering and Technology, Vol 5(4) page-23-30, Apr2014, International 8. Study the influence of machining parameters on the inclination of flank wear land with cutting direction Vishaldatt V. Kohir and Suresh T. Dundur, Journal of Information, Knowledge and Research in Mechanical Engineering, Volume 2 issue 2, page 552-557, Nov 2013, International 9. An Investigation of Flank Wear Land Inclination in Orthogonal Machining, Vishaldatt V. Kohir and Suresh T. Dundur, Journal for Manufacturing Science and Production, Volume 13, Issue 1-2, Page 25–29. April 2013 International

		<ol style="list-style-type: none"> 10. Optimization of dry turning parameters on surface roughness and hardness of Austenitic Stainless steel (AISI316) by Taguchi Technique, Rajendrakumar V. Kadi and Suresh T. Dundur, The Journal of Engineering and Fundamentals, Volume 2 Issue 2 December 2015, International 11. Effect of Cutting Parameters on Surface Quality of AISI 316 Austenitic Stainless Steel in CNC Turning, Prajwalkumar M. Patil , Rajendrakumar V. Kadi , Suresh T. Dundur and Anil S. Pol, International Research Journal of Engineering and Technology (IRJET) Volume: 02 Issue: 04 July-2015, International 12. Studies on Mechanical and Machinability Properties of B4Cp reinforced 6061 Aluminum MMC produced via melt stirring. Vijaykumar Hiremath, S. T. Dundur , Bharath Raj L, Rajesh G. L and V. Auradi, Applied Mechanics and Materials (Vols 592-594 (2014) pp 744-748), Transtech Publications, Switzerland, International 13. Experimental Investigation of Cutting Forces, Surface Roughness in the Turning of B4Cp reinforced 6061 Aluminium Metal Matrix Composites. Vijaykumar Hiremath, S. T. Dundur, Bharath Raj L. and V. Auradi, International Journal of Applied Engineering Research, Vol. 10 No.24 (2015, Research India Publications, International 14. Machining of metal matrix composites: Influence of B4C ceramic particulate addition on Cutting forces and Surface roughness of 6061Al Alloy. Vijaykumar Hiremath, V. Auradi and S. T. Dundur International Journal of Machining and Machinability of Materials, Inderscience Publishers Int. J. Vol. 18, No. 4, 2016, International 15. Influence of particle size on Cutting Forces and Surface Roughness in Machining of B4Cp - 6061 Aluminium Matrix Composites. Vijaykumar Hiremath, Pradeep Badiger, V Auradi, S T Dundur and S A Kori IOP Conf. Series: Materials Science and Engineering 114 (2016) 012041 doi:10.1088/1757-899X/114/1/012041 International 16. Experimental Investigations on Effect of Ceramic B4C particulate addition on Cutting Forces and Surface Roughness during Turning of 6061Al Alloy. Vijaykumar Hiremath, V. Auradi and S. T. Dundur, Transactions of Indian Ceramic Society, Taylor and Francis Publishers, UK, International 17. Comparative Analysis of effect of Turning Parameters on Surface Roughness and Hardness of Austenitic Stainless Steel under dry and conventional cooling conditions, Rajendrakumar V. Kadi, Dr. Suresh T. Dundur, International Journal of Advanced Production and Industrial Engineering (IJAPE), (ISSN: 2455-8419), International
<p>Conferences</p>	<p>:</p>	<ol style="list-style-type: none"> 1. Analysis of adhesion friction in contact regions of metal machining - S. T. Dundur and N. S. Das, National Conference on "Recent Advances in Industrial Tribology and Maintenance" held during 20-21st Jan 2006, National 2. Stream line plotting in deformation zones of a slip line field for worn tool", Vishaldatt V. Kohir and Suresh T. Dundur, International Conference on Advanced Materials, Manufacturing, Management & Thermal Sciences (AMMMT-2013), SIT, TUMKUR, May 03-04, 2013,AM81, International Conference 3. Assessing the potentiality of agricultural residues in extending operational period of bagasse-based co-generation plants in India, Parashuram R. Madar and Suresh T. Dundur, International

		<p>Conference - ICIEMPS-2019, Impact of Changing Energy Mix in Power Systems, Conference Hall, Lalit Great Eastern Hotel, Kolkata, 23 – 24 July 2019, The Institute of Engineers (India), Electrical Engineering Division, West Bengal State Centre</p> <p>4. Modeling of surface roughness in turning of austenitic stainless steel under wet and dry cooling using response surface methodology, International conference on Advanced Production and Industrial Engineering (ICAPIE), Delhi Technological University New Delhi, 9-10, Dec 2016.</p>
Invited Talks	:	<ol style="list-style-type: none"> 1. Delivered expert talk on "Role of Industry Institute Interaction in curriculum development process" in FDP on Curriculum Development in Technical and vocational Education through Quality Function Deployment (QFD) Technique held during 28th May to 7th June 2013 organized by BVVS Polytechnic, Bagalkot 2. Delivered talk on "Innovation and Idea Generation for Entrepreneurship" in Entrepreneurship Development Programme (EDP) conducted by BEC-STEP on 27th July 2014 3. Delivered expert talk on "Enhancing creativity for the development of innovative products", in Faculty Development Program on Innovative Product Design on 30-03-2016 at BLDECET, Bijapur 4. Presented Keynote address in one week National Workshop SIT Tumkur on Slipline solutions for metal machining, held during 6-11 March 2017
Events Organized	:	<ol style="list-style-type: none"> 1. National Seminar on "Competitiveness and Sustainability of Sugar Industry" on 11th June 2007 2. Student Development Programme on <i>Finite element methods for engineers</i>, 8th – 11th April 2019
Conferences/ Symposiums/ Workshops/ Training Programs Attended	:	<ol style="list-style-type: none"> 1. Attended STTP on "Recent trends in Industrial Tribology and Maintenance" at NIT Rourkela held during 29th Nov to 11th Dec 2004. 2. Attended training Program on Indo-US Collaboration for Engineering Education during 26 May to 13th June, 2008 at Global Education Center, Infosys Technologies Ltd, Mysore 3. Attended Orientation Program on Entrepreneurship Development and Implementation of DEBM programme held at BEC Bagalkot on 26th and 27th August 2015. 4. Continuing Education and Quality Improvement Program on Optimization in Design conducted by IIT Bombay during 28-30 Jan 2017. 5. Attended Executive Education Program on " Management Capacity Enhancement Programme for Administrative Heads of BEC Bagalkot" at IIM Bengaluru during 23rd-25th, Jan 2017. 6. International Symposium on Emerging Technologies for Sustainable Development during 27-28, Feb 2017 7. Completed NPTL course on " Digital Transformation in Teaching Learning Process" 14th Feb to 6th March 2020 conducted by IDP-ET, IIT Bombay.
Awards and Honors	:	-None-