



# BMS COLLEGE OF ENGINEERING, BANGALORE- 19

Autonomous college under VTU|Approved by AICTE|Accredited by NBA

## APPLICATION FOR FACULTY POSITION (AIDED / MANAGEMENT)

Application No. \_\_\_\_\_

For the Post of **ASSISTANT PROFESSOR**

Department : **MECHANICAL ENGINEERING**

Reference : **BMS 08-A ST(U)2013 Dated: 24/07/2013**

(Notification Number & Date)



1	Name in Full (Print in capital letters only)	UGRASEN G	
2	Father's Name & Occupation	RAMAPPA G	
3	Address for Correspondence	#22, KRUPANIDHI, 2 <sup>nd</sup> FLOOR, CHURCH ROAD, SUBRAMANYAPURA ROAD, UTTARAHALLI, BANGALORE-560 061	
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			+91-8147594922 +91-9844192741
5	Email ID	ugrasen.g@gmail.com, ugrasen_81@yahoo.co.in	
6	Date of Birth [dd / mm / yyyy]	28/08/1981	
7	Age as on the last date of submission of application	31 YEARS	
8	Place of Birth	HEMAVATHI	
9	Religion	HINDU	
10	Reservation Category & Caste	GM & VOKKALIGA	
11	Any Member of the family Presently an employee of BMSIT (If yes, provide details)	NO	
12	Languages Known		
To Read & Speak		To Read, Speak & Write	
ENGLISH		ENGLISH	
HINDI		HINDI	
KANNADA		KANNADA	
TELUGU		TELUGU	

13	Highest Educational Qualification		M.Tech, M B A, (PhD)			
Details of Educational Qualification						
Degree	Course	Specialisation	Name of the Institution	Year of Passing	Percentage of Marks	Class Awarded
Ph.D	Mechanical Engineering	WEDM	P E S College of Engineering, Mandya	---	---	About to Submit thesis
<b>POST GRADUATION (PG)</b>						
ME / M.Tech	M.Tech in Mechanical Engineering	Computer Integrated Manufacturing	P E S College of Engineering, Mandya	2010	77.15%	FCD
M.Sc. (Eng)						
M.Phil/M.Sc.						
M.Arch						
MCA						
<b>UNDER GRADUATION (UG)</b>						
BE/B.Tech	B.E.	Industrial & Production Engineering. (IPE)	G.N.D. E.C., BIDAR.	2005	74.78%	FCD
B.Arch						
<b>Others</b>						
MBA	MBA	Human Resource Management	K S O U, Mysore (Distance Education)	2012	57.88%	SC
14	Total No. of years of Research Experience			2.5 YEARS		
Details (Use separate if required)						
Name of the University / Institution	Area of Research	Period				
		From	To	Total		
CMTI, Bangalore	MICRO MACHINING	04/05/2012	25/09/2013	1.4 Year		
P.E.S. College of Engineering, Mandya	MACHINEVISION	28/10/2007	26/09/2008	1 Year		

15	Total No. of Publications (National & International)	84	
Details of Publications (if any, Please attach sheet if required)			
Title of the Paper	National / International	Year and Month of Publication	Conference / Journal
			<b>84</b>
<b>Details are Enclosed as Annexure-I</b>			

16	Teaching Experience (Total No. of years)	4.5 Years			
Details of Teaching Experience					
Name of the University / Institution	Designation	Period		Total	
		From	To	Years	Month
B.M.S. College of Engineering, Bengaluru	Assistant Professor	26/09/2013	Till date		
Dayananda Sagar College of Engg., Bangalore	LECTURER	01/07/2010	03/05/2012	1 Year	10 Months
Sapthagiri College of Engineering, Bangalore	LECTURER	27/08/2008	30/06/2010	1 Year	10 Months
D.S.I.T., Bangalore	LECTURER	05/10/2006	31/08/2007	----	10 Months

17	Industrial Experience (Total No. of Years)	4 Months			
Details of Industrial Experience					
Name of the Organisation	Position Held	Period		Total	
		From	To	Years	Month
				Years	Month
Taram Engg. Pvt Ltd, Bangalore	Quality Inspector	20/06/2006	04/10/2006	----	04 Months

18	Affiliations to Professional Organisations			
Name of the Professional Body	Grade of Membership	Number of Membership	Year of Selection	
NIL				

19	Details of the References:		
	Name	Occupation or Position	Address for Communication with Contact numbers
	1. Dr. K KARIBASAPPA	Vice Principal,	Dayananda Sagar College of Engineering, Bangalore-560 078. Phone: 09590542762, Email: k_karibasappa@hotmail.com
	2. Dr. H V RAVINDRA	Principal	P E S College of Engineering, Mandya-515 401, Phone:09986025372, Email: mailhoвера@yahoo.com
(Please furnish at least 2 testimonials from the referees who are acquainted with the character and work of the applicant. Attach the testimonials / reference letters separately)			

20	Special Awards / Achievements or any other information
1 <sup>ST</sup> PRIZE IN B.E. & M.Tech, MARKS SECURED AT COLLEGE LEVEL.	

21	Declaration
I hereby declare that the information furnished in this application form is true to the best of my knowledge and belief.	
Place:	
Date:	Signature of the candidate

22. List of documents to be attached with the application			
Title of the document	Nos.	Please tick	
		Attached	Not Attached
SSLC Marks Card or age proof document	01	✓	
Caste Certificate	---		✓
Bachelors Degree Certificate	01	✓	
Bachelors Degree marks cards	08	✓	
Masters Degree Certificate	01	✓	
Masters Degree Marks cards	04	✓	
Ph.D Degree Certificate (Enclosed Pre. Comp. Viva Result sheet)	01	✓	
MBA Degree Certificate	01	✓	
MBA Degree Marks cards	04	✓	
Research Experience Certificate	01	✓	
Teaching Experience Certificate	01	✓	
Industrial Experience Certificate	--	---	✓
Research Publications / Papers	15	✓	
Professional Membership Certificates	---	----	✓
Reference Letters			

Details of Fee Paid				
DD/Cash Challan	Date	Amount	Bank	Branch
400909	26/07/2013	Rs 200/-	State Bank of India	K S Layout

- The applicants are required to submit the filled in application forms in duplicate to the following address.

To  
The Principal  
BMS College of Engineering,  
Post Box No. 1908,  
Bull Temple Road,  
Bangalore-560 019.  
Phone: +91-80-22427424  
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Issued by the Office of the Principal, BMS College of Engineering, Bangalore

**International Journals:**

1. **G.Ugrasen**, H.V.Ravindra, G.V.Naveen Prakash and R.Keshavamurthy, "Process optimization and estimation of machining performances using artificial neural network in wire EDM", *Procedia Materials Science*, Vol. 6, 2014, pp. 1752-1760.
2. **G.Ugrasen**, H.V.Ravindra, G.V.Naveen Prakash and R.Keshavamurthy, "Estimation of machining performances using MRA, GMDH and artificial neural network in wire EDM of EN-31", *Procedia Materials Science*, Vol. 6, 2014, pp. 1788-1797.
3. B.M.Umesh Gowda, H.V.Ravindra, S.Pratheek Jain, Mohinder N Raj, G.V.Naveen Prakash and **G.Ugrasen**, "Comparative study of surface roughness and cylindricity of aluminium silicon nitride material using MRA, GMDH and pattern recognition technique in drilling", *Procedia Materials Science*, Vol. 6, 2014, pp. 1770-1779.
4. B.M.Umesh Gowda, H.V.Ravindra, S.Pratheek Jain, Mohinder N Raj, G.V.Naveen Prakash and **G.Ugrasen**, "Estimation of circularity, cylindricity and surface roughness in drilling  $AlSi_3N_4$  metal matrix composites using artificial neural network", *Procedia Materials Science*, Vol. 6, 2014, pp. 1780-1787.
5. **G.Ugrasen**, H.V.Ravindra, G.V.Naveen Prakash and R.Keshavamurthy, "Comparison of machining performances using multiple regression analysis and group method data handling technique in Wire EDM of Stavax material", *Procedia Materials Science*, Vol. 5, 2014, pp. 2215-2223.
6. B.M.Umesh Gowda, H.V.Ravindra, H.R.Gurupavan, **G.Ugrasen** and G.V.Naveen Prakash, "Optimization of process parameters in drilling Al-Si<sub>3</sub>N<sub>4</sub> metal matrix composites material using Taguchi technique", *Procedia Materials Science*, Vol. 5, 2014, pp. 2207-2214.
7. **G.Ugrasen**, H.V.Ravindra, G.V.Naveen Prakash and R.Keshavamurthy, "Comparison of Machining Responses using Multiple Regression Analysis and Group Method Data Handling Technique of EN-19 Material in WEDM", *Applied Mechanics and Materials*, Vols. 592-594, 2014, pp. 97-101.

8. R.Keshavamurthy, **G.Ugrasen**, R.Manasa and Narasimhe Gowda, "Estimation of tribological behavior of Al<sub>2</sub>O<sub>3</sub>-TiB<sub>2</sub> in-situ composite using GMDH and ANN", Applied Mechanics and Materials, Vols. 592-594, 2014, pp. 1310-1314.
9. Narasimhe Gowda, B.Putta Bore Gowda, R.Chandrashekar, **G.Ugrasen** and R.Keshavamurthy, "Experimental investigation of evacuated tube solar collector with annular heat exchanger", Applied Mechanics and Materials, Vols. 592-594, 2014, pp. 2355-2359.
10. Varun R Dalve, R.Keshavamurthy, **G.Ugrasen** and C.P.S.Prakash, "Experimental Investigations on Wire EDM of Al7075-TiB<sub>2</sub> In-Situ Metal Matrix Composites", Applied Mechanics and Materials, Vols. 592-594, 2014, pp. 321-325.
11. R.Deepak Joel Johnson and **G.Ugrasen**, "Investigation of Laser Dressed Super Abrasive Grinding Wheel by using SEM & Raman Spectroscopy", Applied Mechanics and Materials, Vols. 592-594, 2014, pp. 432-437.
12. **G. Ugrasen**, H.V. Ravindra, G.V. Naveen Prakash and D.L. Vinay, "Comparative Study of Electrode Wear Estimation in Wire EDM using Multiple Regression Analysis and Group Method Data Handling Technique for EN-8 and EN-19", Bonfring International Journal of Industrial Engineering and Management Science, Vol. 4, No. 2, May 2014, pp. 108-114.
13. **G.Ugrasen**, H V, Ravindra, G V, Naveen Prakash and Vinay, D L, "Comparison of Electrode Wear in Wire EDM for P-20, EN-19 and Stavax Materials using Artificial Neural Networks", International Journal of Precision Technology, Vol. 4, Nos. 3/4, 2014, pp. 148-161.
14. B.M.Umesh gowda, H.V.Ravindra, G.V.Naveen Prakash, P.Nishantha and **G.Ugrasen**, "Optimization of process parameters in drilling of epoxy Si<sub>3</sub>N<sub>4</sub> composite material", Materials Today: Proceedings, Vol. 2, Issues 4-5, 2015, pp. 2852-2861.
15. **G.Ugrasen**, H.V.Ravindra, G.V.Naveen Prakash and Y.N.Theertha Prasad, "Optimization of process parameters in wire EDM of HCHCr material using Taguchi's technique", Materials Today: Proceedings, Vol. 2, Issues 4-5, 2015, pp. 2443-2452.
16. B.N.Sarada, P.L.Srinivasa Murthy and **G.Ugrasen**, "Hardness and wear characteristics of Hybrid Aluminium Metal Matrix Composites produced by stir casting technique", Materials Today: Proceedings, Vol. 2, Issues 4-5, 2015, pp. 2878-2885.

17. Prathik Jain S, H V Ravindra and **Ugrasen G**, "Comparative study of Surface Roughness and AE Signals while Machining Titanium Grade 2 & Stavax Materials using MRA and GMDH in WEDM", International Journal of Advanced Scientific Research and Management, Vol. 1, Issue 1, January 2016, pp. 6-14.
18. **Ugrasen G**, H V Ravindra, Keshavamurthy R, Vishwa R Surya and K M Vinay Kumar, "Prediction of Machining Characteristics using Artificial Neural Network in Wire EDM of Al7075 based In-situ Composite", Materials Today: Proceedings, Vol. 4, Issue 2, 2017, pp. 203-212.
19. Prathik Jain S, H V Ravindra, **Ugrasen G**, Naveen Prakash G V and Y S Ram Mohan, "Study of Surface Roughness and AE Signals while Machining Titanium Grade-2 Material using ANN in WEDM", Materials Today: Proceedings, Vol. 4, 2017, pp. 9557-9560.
20. **Ugrasen G**, Gurupavan H R, Devegowda T M, Ravindra H V, "Estimation of Machining Performances in WEDM of Aluminium based Metal Matrix Composite Material using ANN", Materials Today: Proceedings, Vol. 4, 2017, pp. 10035-10038.
21. **Ugrasen G**, Ravindra H V, G V Naveen Prakash and R. Keshavamurthy, "Estimation and Comparison of Machining Performances in WEDM for HCHCr Material using MRA and GMDH", International Journal of Engineering Research in Mechanical and Civil Engineering (IJERMCE), Vol. 2, Issue 4, April 2017, pp. 643-649.
22. Ravindra H V, Umeshgowda B M and **Ugrasen G**, "Optimization of Cutting Parameters in Drilling of Epoxy Resin Composite Material using Taguchi's Technique", International Journal of Engineering Research in Mechanical and Civil Engineering (IJERMCE), Vol. 2, Issue 4, April 2017, pp. 738-744.
23. Prathik Jain S, H V Ravindra and **Ugrasen G**, "Estimation and Comparison of Surface Roughness and AE Parameters of P-20 tool steel Material in Wire Electric Discharge Machining using Multiple Regression Analysis and Group Method Data Handling Technique", International Journal of Engineering Research in Mechanical and Civil Engineering (IJERMCE), Vol. 2, Issue 4, April 2017, pp. 731-737.
24. **Ugrasen G**, Mukesh K G, Darshan B M, Sachin Sreenath, Shridhar B Koladur and Ravindra H V, "Estimation of Machining Performances using MRA and GMDH in Wire EDM of Al2024 based Hybrid MMC", Materials Today: Proceedings, Vol. 5, 2018, pp. 3084-3092.

25. **Ugrasen G**, Bharath G, Kishore Kumar G, Sagar R, Shivu P R, Keshavamurthy R, "Optimisation of Process Parameters for Al6061-Al7075 Alloys in Friction Stir Welding using Taguchi's Technique", Materials Today: Proceedings, Vol. 5, 2018, pp. 3027-3035.
26. **Ugrasen G**, M R Bhagawan Singh and Ravindra H V, "Optimisation of Process Parameters for SS304 in Wire Electrical Discharge Machining using Taguchi's Technique", Materials Today: Proceedings, Vol. 5, 2018, pp. 2877-2883.
27. Rudresha Addamani, H V Ravindra and **Ugrasen G**, "Estimation and comparison of welding Performances using MRA and GMDH in P-GMAW for ASTM 106 material", Materials Today: Proceedings, Vol. 5, 2018, pp. 2985-2993.
28. A. K. Gajakosh, R. Keshavamurthy, **G. Ugrasen** and H. Adarsh, "Investigation on Mechanical Behavior of Hot Rolled Al7075-TiB<sub>2</sub> In-situ Metal Matrix Composite", Materials Today: Proceedings, Vol. 5, Issue 11, 2018, pp. 25605-25614 (December-2018).
29. H V Ravindra, Prathik Jain S, Naveen Prakash G V and Ugrasen G, "Estimation and Comparison of Electrode Wear and AE Parameters of Titanium Material in Wire Electric Discharge Machining Using ANN", Applied Mechanics and Materials, Vol. 895, pp. 144-151, 2019.
30. Kavya J T, Keshavamurthy R, Pradeep Kumar G S, Ugrasen G and Manjoth S "Prediction of machining characteristics of Abrasive Water Jet Machined Al7075-TiB<sub>2</sub> In-situ composite", Icon AMMA-2018, Materials Today: Proceedings, Vol. 24, 2020, pp. 851-858.
31. Prathik Jain S, H V Ravindra, G Ugrasen, "Estimation and Comparison of Electrode Wear and AE Parameters of Titanium and Stavax Materials in Wire Electric Discharge Machining using ANN", Studies in Indian Place Names, ISSN: 2394-3114, Vol 40, Issue 40, March 2020, pp. 1589-1596.
32. Rudreshi Addamani, H V Ravindra, Gayathri devi S K, Ugrasen G, "Estimation and Comparison of Welding Performances for ASTM A 106 Material in P-GMAW Using GMDH and ANN", PESCE-ICAMES-Journal

### **International conferences- Presented:**

1. **Ugrasen G**, H V Ravindra and G V Naveen Prakash, "Estimation of Electrode Wear Using Multiple Regression Analysis in Wire Cut Electric Discharge Machine", International Conference on Advanced Materials and Processing, ICAMP-2011, R M K. Engineering College. Chennai, 19<sup>th</sup>-20<sup>th</sup> December 2011, PP. 300-305.
2. **Ugrasen G**, Pradeep B G and Hareesha N G, "Estimation of Factor Effects and Parametric Optimization of Wire EDM for HCHCr Too Steel", International Conference on Advanced Materials and Processing, ICAMP-2011, R M K Engineering College. Chennai, 19<sup>th</sup>-20<sup>th</sup> December 2011, PP. 319-325.
3. **Ugrasen G**, H V Ravindra, Y T Krishnegowda and G V Naveen Prakash, "Comparative Study of Electrode Wear Estimation in Wire Cut Electric Discharge Machine Using Multiple Regression Analysis & Group Method Data Handling Technique", Proceedings of the **ASME 2012** International Mechanical Engineering Congress & Exposition IMECE-2012, November 9<sup>th</sup>-15<sup>th</sup>, 2012, Houston, Texas, USA.
4. **Ugrasen G**, H V Ravindra and G V Naveen Prakash, "Process Parametric Optimization and Electrode Wear Estimation for Machining P-20 Steel in WEDM", 4<sup>th</sup> International & 25<sup>th</sup> All India Manufacturing technology, Design & Research Conference **AIMTDR-2012**, Production Engineering Department, Jadavpur University, Kolkata, 14<sup>th</sup> -16<sup>th</sup> December 2012.
5. Umesh Gowda B M, H. V. Ravindra, Mohinder.N.Raj, **Ugrasen G**, G V Naveen Prakash "Estimation of Surface Roughness and Cylindricity in Drilling on Composite Material Using MRA and GMDH Techniques", 4th International Conference on Recent Advances in Composite Materials (ICRACM-2013), February 18<sup>th</sup> – 21<sup>st</sup>, 2013, IIT, BHU, Varanasi, International center Goa.
6. **Ugrasen G**, H V Ravindra, G V Naveen Prakash and B Chakradhar, "Process Parametric Optimization in Wire Electric Discharge Machining for P-20 Material", Proceedings of the International Conference on Advanced Engineering Optimization Through Intelligent Techniques (AEOTIT), July 1<sup>st</sup>-3<sup>rd</sup>, 2013, S.V. National Institute of Technology, Surat – 395 007, Gujarat, India, PP. 422-426.
7. **Ugrasen G**, Sachin B, Venkatesh M K, Chellamalai M and P V Shashikumar, "Studies on laser dressed super abrasive grinding wheel", International Conference on Convergence of Science, Engineering & Management in Education & Research

(ICCSEM 2013), September 26th-27th, 2013, Dayanada Sagar Institutions, Bangalore, Karnataka, India.

8. **Ugrasen G**, H V Ravindra, G V Naveen Prakash and Vinay D L, "Comparative Study of Electrode Wear Estimation in Wire EDM using Multiple Regression Analysis & Group Method Data Handling Technique for EN-8 and EN-19", International Conference on Smart Technologies for Mechanical Engineering (STME-2013), 25<sup>th</sup>-26<sup>th</sup> October, 2013, Delhi Technological University, Delhi. pp. 851-857, **ISBN: 978-93-83083-35-0**.
9. **Ugrasen G**, H V Ravindra, G V Naveen Prakash and Vinay D L, "Comparison of Electrode Wear in Wire EDM for P-20, EN-19 and Stavax Materials using Artificial Neural Networks", An International Conference on PRECISION, MESO, MICRO AND NANO ENGINEERING, COPEN-8, December 13th-15th, 2013, National Institute of Technology, Calicut, Kerala, India. Vol. 2, PP. 702-706, **ISBN: 978-93-82880-91-2**.
10. **G.Ugrasen**, H.V.Ravindra, G.V.Naveen Prakash and H.C.Nagesh, "Comparison and Estimation of Electrode Wear in Wire EDM of Machining EN-8 and EN-31 using MRA and GMDH", Proceedings of the 2<sup>nd</sup> International Conference on Current Trends in Engineering and Management, ICCTEM-2014, 17<sup>th</sup>-19<sup>th</sup> July 2014, Mysore, Karnataka, India, **pp. 313-318**.
11. **Ugrasen G**, H V Ravindra, G V Naveen Prakash and R.Keshavamurthy, "Comparison of Machining Performances using Multiple Regression Analysis, Group Method Data Handling Technique and Artificial Neural Network in Wire EDM of EN-8 Material", **ASME-2014**
12. B.M.Umeshgowda, H.V.Ravindra, **G.Ugrasen** and G.V.Naveen Prakash, "Comparison of Machining Performances in Drilling Al-Si<sub>3</sub>N<sub>4</sub> Metal Matrix Composites Material using Multiple Regression Analysis and Group Method Data Handling Technique", **ASME-2014**
13. **Ugrasen G**, H V Ravindra and G V Naveen Prakash, "Estimation of Machining Performances of P-20 Material in Wire Electric Discharge Machining using Group Method Data Handling Technique", Indian Institute of Technology, Guwahati, (IIT-G) **AIMTDR-2014, pp. 537-1 – 537-6, ISBN: 978-8-19274-612-8**.
14. S.Prathik Jain, H.V.Ravindra, **G.Ugrasen**, G.V.Naveen Prakash and K. Anil Kumar, "Estimation of Surface Roughness and AE Sign0061ls while Machining of Titanium grade-2 Material in WEDM", Proceedings of International conference on

Computational Methods in Engineering and Health Sciences December 17-19, 2014  
ICCMEH-Manipal University, ES046-1-ES046-1-7.

15. **Ugrasen G**, H V Ravindra, G V Naveen Prakash, R.Keshavamurthy and Giridhara Gudekota, "Comparison of Machining Performances in Wire EDM for HCHCr Material using Group Method Data Handling Technique and Artificial Neural Network", **Proc. ASME. 57359; Volume 2A: Advanced Manufacturing, V02AT02A051.November 13, 2015, IMECE2015-50588, doi: 10.1115/IMECE2015-50588**
16. S.Prathik Jain, H.V.Ravindra, **G.Ugrasen** and G.V.Naveen Prakash, "Estimation and Comparison of Acoustic Emission Parameters and Surface Roughness in Wire Cut Electric Discharge Machining of Stavax Material using Multiple Regression Analysis and Group Method Data Handling Technique", **Proc. ASME. 57359; Volume 2A: Advanced Manufacturing, V02AT02A052.November 13, 2015, IMECE2015-50596, doi: 10.1115/IMECE2015-50596.**
17. H.V.Ravindra, **G.Ugrasen**, G.V.Naveen Prakash and R.Keshavamurthy, "Comparison of Machining Performances in Wire EDM of Al2024 based Hybrid MMC using MRA, GMDH and ANN", COPEN-9, IIT-Bombay, December, 10-12, 2015.
18. H.V.Ravindra, **G.Ugrasen**, G.V.Naveen Prakash, Prathik Jain S and Nandini K N, "Estimation of Surface Roughness and AE Parameters in Machining of P20 and Stavax Material in Wire Electric Discharge Machining", COPEN-9, IIT-Bombay, December, 10-12, 2015.
19. H.V. Ravindra, B.M.Umesh gowda, Sachin S R and **G.Ugrasen**, "Optimization of Cutting Parameters in Drilling of CFRE Composite Material using Taguchi's Technique", COPEN-9, IIT-Bombay, December, 10-12, 2015.
20. H.V. Ravindra, Y.S. Rammohan, M.R. Srinivasa, **G.Ugrasen**, Chethana K Y and Keshavamurthy R, "Effect of Thrust Force, Vibration and Temperature on Drilling of Aluminium Alloy with Silicon Nitride Reinforcement", COPEN-9, IIT-Bombay, December, 10-12, 2015.
21. H.V. Ravindra, Y.S. Rammohan, M.R. Srinivasa, **G.Ugrasen**, Chethana K Y and Keshavamurthy R, "Process Parameter Optimization in Drilling of Epoxy Resin Reinforced with Carbon Fibers and Silicon Nitride", COPEN-9, IIT-Bombay, December, 10-12, 2015.

22. H V Ravindra, Prathik S Jain, Naveen Prakash G V and **Ugrasen G**, "Machining and Estimation of Surface Roughness and AE Parameters of P-20 Material in Wire Electric Discharge Machining using Artificial Neural Network", 6<sup>th</sup> International & 27<sup>th</sup> All India Manufacturing Technology, Design and Research (AIMTDR-2016), 16-18, December, 2016, Department of Production Engineering and Industrial Management, College of Engineering Pune.
23. Ravindra H V, Umeshgowda B M and Ugrasen G, "Estimation and comparison of Cutting Parameters in Drilling of Epoxy Resin Composite Material using GMDH and ANN", 6<sup>th</sup> International & 27<sup>th</sup> All India Manufacturing Technology, Design and Research (AIMTDR-2016), 16-18, December, 2016, Department of Production Engineering and Industrial Management, College of Engineering Pune.
24. H V Ravindra, Ugrasen G and G V Naveen Prakash, "Estimation of Machining Performances using GMDH and ANN in Wire EDM of Al2024 based Hybrid MMC", 6<sup>th</sup> International & 27<sup>th</sup> All India Manufacturing Technology, Design and Research (AIMTDR-2016), 16-18, December, 2016, Department of Production Engineering and Industrial Management, College of Engineering Pune.
25. **Ugrasen G**, Ravindra H V, G V Naveen Prakash and R. Keshavamurthy, "Estimation and Comparison of Machining Performances in WEDM for HCHCr Material using MRA and GMDH", International Conference on Advances in Mechanical Engineering Sciences (ICAMES-17), April 21-22, 2017, P.E.S. College of Engineering, Mandya, Karnataka.
26. Ravindra H V, Umeshgowda B M and **Ugrasen G**, "Optimization of Cutting Parameters in Drilling of Epoxy Resin Composite Material using Taguchi's Technique", International Conference on Advances in Mechanical Engineering Sciences (ICAMES-17), April 21-22, 2017, P.E.S. College of Engineering, Mandya, Karnataka.
27. Prathik Jain S, H V Ravindra and **Ugrasen G**, "Estimation and Comparison of Surface Roughness and AE Parameters of P-20 tool steel Material in Wire Electric Discharge Machining using Multiple Regression Analysis and Group Method Data Handling Technique", International Conference on Advances in Mechanical Engineering Sciences (ICAMES-17), April 21-22, 2017, P.E.S. College of Engineering, Mandya, Karnataka.

28. S Prathik Jain, H V Ravindra, **G Ugrasen** and G V Naveen Prakash, "Estimation and Comparison of Electrode Wear and AE Parameters in Machining of P-20 Tool Steel Material in Wire Electric Discharge Machining using MRA and GMDH", International conference on Precision, Meso, Micro and Nano Engineering, (COPEN-10), December 07-09, 2017, Indian Institute of Technology Madras, Chennai – 600 036, INDIA, **ISBN: 978-93-80689-28-9**, pp. 591-594.
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