


FACULTY PROFILE

Name	:	Dr. Vidya M Shettar	
Designation	:	Associate Professor	
Department	:	Mathematics	
Employee ID	:	TMT003	
E mail ID (College official ID), (Personal mail ID)	:	ymsmh@becbgk.edu , angadividya44@gmail.com	
Contact details	:	+91-9480079044	
Orcid ID	:	-	
Scopus ID	:	-	
Vidwan Id	:	125141	
Qualification	:	Ph.D	
Professional Experience			
Teaching experience	:	27 years	
Industry experience	:	-	
Administrative Responsibilities	:	<i>1. BOS Member, Dept of Mathematics</i>	
Teaching	:	<ol style="list-style-type: none"> 1. Engineering Mathematics I 2. Engineering Mathematics II 3. Engineering Mathematics III 4. Engineering Mathematics IV 5. Advanced Mathematics I 6. Advanced Mathematics II 7. Computational Methods for Civil Engineering 8. Computational Methods for Computer Science 	
Research Interest Area	:	<ul style="list-style-type: none"> • Graph Theory • Numerical Analysis 	
Research Grants	:	<p>. “An Exploration of Algorithmic Approaches to Graph Matching and Applications”</p> <p>Amount Sanctioned: 3.10 Lakhs (2010)</p>	
Journals (with citations)	:	Paper 1: “Eigenvector and Shortest distance Based Approach to	

		<p>find Graph Isomorphism” - International Journal of Combinatorial Graph Theory and Applications, Vol. 4 No. 1 (Jan-June 2011) pp 67-76 ISSN- 0973-7421</p> <p>Paper 2: “Spectral Technique using Normalized Adjacency Matrices for Graph Isomorphism” - International Journal of Computational Science and Mathematics, Vol.3 No. 4 (2011) pp 371-378 ISSN- 0974-3189</p> <p>Paper 3: “A Genetic Algorithm for Graph Matching using Node Characteristics” Mathematical Sciences International Research Journal, Vol. 4 Issue 2 (2015)</p> <p>Paper 4: S.A.Angadi, C.M.Javalagi & V.M.Shettar, 2002, “Information Technology and the Technical Professions: A Tutor/Trainer Perspective”, Presented and published in the proceedings of 32nd Annual National Convention of India Society for Technical Education and National Seminar held at NMAM Institute of Technology Nitte, Karnataka State, between 27th and 29th December 2002.</p> <p>Paper 5: S.A.Angadi V.M.Shettar & C.M.Javalagi, 2001 “Role of Technical Teachers in the Knowledge Millennium “, Presented at 4th ISTE Karnataka State Convention and National Seminar on “Technical Education: Challenges in the new Millenium”, BEC Bagalkot, ^{3rd} & ^{4th} Nov 2001.</p>
Conferences	:	International Conference on Mathematics held at University of Kerala, Thiruvananthapuram, Kerala on 26 to 28 November 2015 and presented the paper titled “A Genetic Algorithm for Graph Matching using Node Characteristics” Mathematical Sciences International Research Journal, Vol. 4 Issue 2 (2015)
Conferences/ Symposiums/ Workshops/ Training Programs Attended	:	<i>List attached in table below</i>

Sl.No	Name	Place	Date
1	Induction Training	Karnataka University, Dharwad	8-28 Aug 1995
2	Recent Trends in Renewable Energy Sources	Basaveshwar Engineering College, Bagalkot	3-15 Sept 01
3	Refresher Courses	Shivaji University, Kolhapur	5/10/01-10/11/01
4	Technique Education and Challenges in the Millennium	Basaveshwar Engineering College, Bagalkot	3-4 Nov 2001
5	Processing of Composite Materials	Basaveshwar Engineering College,	26/8/02-7/9/02

		Bagalkot	
6	Futuristic Materials and their Applications	Basaveshwar Engineering College, Bagalkot	18-30 Aug 2003
7	Learning Organization and Knowledge Management in Technique Education	Basaveshwar Engineering College, Bagalkot	16-21 Feb 2004
8	Embedded System and Applications	Basaveshwar Engineering College, Bagalkot	22-27 March 2004
9	Semiconductor Physics and VLSI Design	Basaveshwar Engineering College, Bagalkot	7-19 Feb 2005
10	Applications of Mathematics to Engineering and Industries	S.D.M. College of Engineering and Technology, Dharwad	10-11 Sept 2005
11	Recent Trends in Food Biotechnology	Basaveshwar Engineering College, Bagalkot	21-22 Oct 2005
12	Applied Mathematics	Basaveshwar Engineering College, Bagalkot	3-8 April 2006
13	C# & NET	Basaveshwar Engineering College, Bagalkot	1-6 2006
14	Mathematical Modeling for Digital Image Processing	Basaveshwar Engineering College, Bagalkot	9-14 Jan 2006
15	Counseling Techniques	Basaveshwar Engineering College, Bagalkot	25 Aug 2006
16	Mathematical Modeling for Biotechnology	Basaveshwar Engineering College, Bagalkot	11-16 Sept 2006
17	Robotics and Nanotechnology	Basaveshwar Engineering College, Bagalkot	3-8 Feb 2009
17	Modern Sensors and their Applications	Basaveshwar Engineering College, Bagalkot	17-18 Nov 2006
18	National Conference on Mathematical Methods and Applications	Basaveshwar Engineering College, Bagalkot	17-18 March 2007
19	Basics of Wavelets and Applications	Basaveshwar Engineering College, Bagalkot	13-15 March 2008
20	Soft Computing to Image Processing and Pattern Recognitions	Basaveshwar Engineering College, Bagalkot	20-24 March 2010
21	Teaching Engineering using MATLAB and	RV College of Engineering,	12-14 th July 2011

	Simulink	Bangalore	
22	Data Analysis and Statistical Software	Basaveshwar Engineering College, Bagalkot	22-23 Nov 2013
23	GeoGebra: Dynamic Mathematics Made Easy and Programming with Scilab	Basaveshwar Engineering College, Bagalkot	28-29 December 2013
24	Effective Leadership for Excellence	Basaveshwar Engineering College, Bagalkot	06-07 February 2014
25	Composites and their Applications	Basaveshwar Engineering College, Bagalkot	14-15 March 2014
26	ISTE-PTU FDP on Wavelets and Applications	VPDPGH College of Engineering and Technology, Bijapur	9-13 June 2014
27	VTU-VGST-FDP on Trends in Computing Research	VTU, Belagavi	15-18 June 2015
28	International Conference on Mathematics	Dept. of Mathematics, University of Kerala, Thiruvananthapuram	26-27 Nov 2015
29	Outcome Based Education	Basaveshwar Engineering College, Bagalkot	18 December 2015
30	Teaching Learning Center	Indian Institute of Technology Madras	12-14 September 2016
31	Empowering Teachers to Enrich Students	Basaveshwar Engineering College, Bagalkot	2-4 December 2016
32	Biology for Engineers	Basaveshwar Engineering College, Bagalkot	1-4 February 2017
33	Energy Efficiency and Management	Basaveshwar Engineering College, Bagalkot	17-19 February 2017
34	Recent Advances in Signal Processing and Communication Networks	Basaveshwar Engineering College, Bagalkot	17-19 March 2017
35		Basaveshwar Engineering College, Bagalkot	
36	AICTE-Examination Reform Policy	Basaveshwar Engineering College, Bagalkot(E-workshop)	6 and 7 May 2020
37	Imprecision in Decision Making Situations	Jabalpur Engineering College, Jabalpur	20 Oct 2020
38	FDP- Dealing with Differential Equations and PDEs	Binary Semantics (Webiner)	8 June 2020

39	Recent Advances in Mathematics	Sharnabasveshwar College of Science, Kalaburagi	11 June 2020
40	Recent Advancement in Graph Theory	Hemchandracharya north Gujrat University, Patna	16 June 2020
41	Awareness and Prevention of Sexual Harassment at work places	Basaveshwar Engineering College, Bagalkot	27 June 2020
42	EQuiz on Elementary Graph Theory	Dr. P Dayanand Pai P. Satish Pai govt. first grade College, Mangalore	30 June 2020
43	Training on Geo Gebra 5.04	Spoken Tutorial Project, IIT, Bombay	1 July 2020
44	FDP on Six Sigma	Basaveshwar Engineering College, Bagalkot	6 July to 10 July 2020
45	Recreational Problem in Graph Theory and their Applications in real World	K.L.E. Society's S K Arts College and H S Kotambri Science Institution, Hubballi	July 2020
46	Applications of Thermodynamics	PES Institute of Technology and Management, Shivamogga	13 July to 17 July 2020
47	Techno Skills	K.L.E. Polytecnic, Mahalingpur	15 July 2020
48	Webinar Series on Mathematics and its Applications	Bapuji Institute of Engineering and Technology, Davanagere	20 July to 22 July 2020
49	Online Quiz on LASER	Rural Polytecnic Hunsbhavi, Haveri	23 July 2020
50	Matlab-Statistics and data Science	Sagar Institute of Research and Technology, Bhopal	27 July to 1 Aug 2020
51	Recent Trend in Mathematical Modelling	Karunya Institute of Technology and Science, Coimbatore	27 July to 31 July 2020
52	FDP on Exemplary Practice in teaching Learning and Evaluating Courses in Computer Science and Information Technology	VTU Centre for Post-Graduation Studies, Kalaburgi and Institute of Information Technology, Allahabad	3 August to 7 August 2020
53	National Conference on Pure and Applied Mathematics	KLS Gogte Institute of Technology, Belagavi	11 August to 14 August 2020
54	Quiz (eve of Independence Day, NSS)	Basaveshwar Engineering College	15 August 2020
55	Quiz on Computer Science	Proudhadevaraya Institute of Technology T.B.Dam , Hosapete	---
56	Emphasis on Vedic Mathematics	Aditya Narayan College, Dumka, Jharkhand	9 – 11 Nov 2020

57	Universal Human Values for Deeksharambh	National Institution of Technology, Patna (NIT)	23- 27 Nov 2020
58	Integral Transforms and their Applications	Shri Vishnu Engineering College for Women, Vishnupur, Bhimavaram(AICTE)	30 Nov to 5 Dec 2020
59	Applications of Graph Theory in Engineering	K.L.E. Institution of Technology, Hubballi	9 Dec 2020
60	FDP on Introduction to Probability and Statics	NPTEL	Jan-Feb 2020