

CURRICULUM VITAE



Address

Dr. Vidya Anant Sharma

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Personal Information

Name:	Dr. Prof. Vidya. A. Sharma
Gender:	Female
Date of Birth:	19/05/1972
Birth Place:	Amravati, M.S., India
Nationality:	Indian
Marital Status:	Married
Email:	vdsharma@hotmail.co.in

Professional Information

Position:	Associate Professor
Date of Appointment:	05/05/1999
Department:	Mathematics
Affiliation:	Arts, Commerce and Science College, Kiran Nagar, Amravati, India, 444606.
University:	Sant Gadge Baba Amravati University Amravati, M.S., India.
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Qualifications

D. Sc. (Doctor of Science) In Mathematics	From Sant Gadge Baba Amravati University,
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Amravati
**Topic : Topics in the theory of Wavelet transform
 and its applications in Bio-Informatics and
 Remote Sensing**

Ph.D. in Mathematics

From Sant Gadge Baba Amravati University,
 Amravati,
**Topic : Study of Different Classes of Integral
 Transform in the Generalized Sense**

Master of Science (M.Sc.) Mathematics: SGB Amravati University, Amravati,
 March-1994, **First Merit**

Bachelor of Education (B.Ed): SGB Amravati University, Amravati,
 March-1995, First Class

Bachelor of Science (B.Sc.): SGB Amravati University, Amravati,
 March-1992, First Class

Teaching/Research Experience

Level	Name of the University/ College/ Institution	Duration
UG	Arts, Commerce and Science college, Kiran Nagar	22 years
PG	Dept. of Mathematics, SGBAU, Amravati	3 years
	Smt.Narsamma Arts, Commerce and Science College,	3 years
Research Supervisor	SGBAU, Amravati	14 years

Faculty Development Program attended during the year:

S.No.	Name of the	Place	Duration	Sponsoring
1	Orientation	ASC , SGBAU	7/3/2001-31/3/2001	UGC
2	Refresher I	ASC , SGBAU	9/3/2005 - 29/3/2005	UGC
3	Refresher II	ASC , Nagpur	10/12/2008- 30/12/2008	UGC
4	Refresher III	ASC , SGBAU	4/10/2010- 21/10/2010	UGC
5	Short term training	ASC , SGBAU	25/2/2012-1/3/.2012	UGC
6	Short term training	H.R.D.C. , SGBAU	9/10/2018-14/10/2018	UGC
7	Short term training	H. R. D. C. ,	10/12/2018-15/12/2018	UGC

Research and publications

**Active Area of Research -- Wavelet Transform, Signal Processing, Neural network,
 Artificial Intelligence**

Students With Ph.D. Awarded -- 05

Students with M. Phil Awarded - 02

Students working for Ph.D. -- 06

Research papers published in International Journals - 152

Research papers Published in National Journals - 08

Research Papers appeared in Conference Proceeding - 08

Research Papers Presented in International Conferences - 66

Research Papers Presented in National Conferences- 34

Research Papers Presented in Abroad Conferences - 1. Hong kong-1

2. Munic (Germany)-1

3. Australia (Tasmania, Hobart) -1

4. Singapore-1

Workshop Attended: 25

Professional Academic Development

- 1. Member of Board of Studies of Mathematics, Sant Gadge Baba Amravati University, Amravati**
 - 2. Member of Board of Research, Sant Gadge Baba Amravati University, Amravati**
 - 3. Member of Mathematics teacher Association Sant Gadge Baba Amravati University, Amravati**
 - 4. Member of Selection committee, Sant Gadge Baba Amravati University, Amravati**
 - 5. Member of Modelling and Simulation (MODSIM) Society of Australia -New Zealand (MSSANZ)**
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Membership

- 1. Life Member of European Optical Society (EOS), Germany**
 - 2. Life Member of Indian Mathematical Society (IMS)**
 - 3. Life Member of Ramanujan Mathematical Society (RMS)**
 - 4. Life Member of Calcutta Mathematical Society (CMS)**
 - 5. Life Member of Marathwada Mathematical Society (MMS)**
 - 6. Life Member of Vishwashanti Multipurpose Society Research foundation(VMS)**
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Research Project

- ✚ “Generalized Two-dimensional Fractional Fourier Transform and its Applications” (Completed) Funded by University Grant Commission, New Delhi, 2011-2013, (Rs. 1,10,000)
- ✚ “Generalization of Offset Fractional Fourier Transforms in Two Dimensions And Optical System” (Completed)Funded by UGC, New Delhi, 2015-2017, (Rs. 1, 75,000

Reviewer

1. World Applied Science Journal (WASJ)
2. Executive Editor : International research fellows associations Research Journey
3. Horizon Research Publishing, USA (HRPUB)

Academic Awards and Honours

- ✚ **Eminent Scientist Award** by MINDAURA LLC USA on 15th May 2019, at Bengaluru
 - ✚ **Excellent paper award with Gold Medal at Hong Kong** on 23rd April, **2016** for the paper entitled, “Introduction to fractional Fourier-Laplace Transform” in International conference organized by Institute of Research, Engineers and Scientist.
 - ✚ **Best paper award at Singapore** for the paper, “Analytical Behaviour of the Fractional Fourier-Laplace transform in third international conference on science and technology for society ICSTS- 2017 held at MDIS campus, During 11,12&13, May, **2017**
 - ✚ **Best Oral presentation Award at Bengaluru** for the paper **Curvelet as an Extension of Wavelet Transform and its application** in 4th International conference on Science, Agricultural and technology for society , 13 14 & 15 May 2019 .
 - ✚ **Fellow Award** By Vishwashanti Multipurpose Society research foundation in third international conference on science and technology for society ICSTS- 2017 held at MDIS campus, **Singapore**, During 11,12&13, May, **2017**.
 - ✚ **Adarsh Shikshak Award** by ABVP (Akhil Bhartiya Vidyarthi Parishad) on **9th July 2017**
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Book Published

- **Title: Integral transforms and its generalization in distributional sense, Discovery publishing house, International, ISBN- 93-88854-18-7, Pp 1-102, April 2018**

Other Honors

1. **Chaired the session** of paper presentation at National Conference on Recent trends in Mathematics, 18th-19th Sept. **2009**, Government Vidarbha Institute of Science & Humanities, Amravati.
 2. **Chaired the session** of paper presentation in, "National Conference on Mathematical Sciences", At shri. Dr. R. G. Rathod Arts & Science College , Murtijapur (Dist. Akola), 18th-19th Jan. 2013.
 3. **Chairperson** of technical session of Engineering and technology at 4th International conference on science , Agricultural and technology for society , 13th to15th May 2019 at East West Institute of Technology, Bengaluru
 4. **Chairman** during International Conference on Advances in Physical, Chemical and Mathematical Sciences (ICAPCM-2020) organized by Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, 13th-16th February 2020.
 5. **Co-session chair** of technical session of National conference on emerging trends in science at vidya bharti mahavidyalaya on 2nd February, 2019
 6. **Rapporteur** for the technical session of Material science and technology in third international conference on science and technology for society ICSTS- 2017 held at MDIS campus, **Singapore**, During 11,12&13, May, **2017**
 7. **Rapporteur** of technical session of Engineering and technology at 4th International conference on science, Agricultural and technology for society , 13th to15th May 2019 at East West Institute of Technology Bengaluru
 8. **Delivered Guest lecture on Basics in Modern Algebra** and judged the **Mathematical Rangoli** competition at Brijlal Biyani Science College, Amravati on 18th January 2017.
 9. **Delivered Guest lecture on Basic Concepts of Modern Algebra** Chandur rly, Rajarshee Shahu Science College, 7/2/17
 10. **Delivered Guest lecture on Modern Algebra** at Vinayak vidyamandi, Amravati,20/2/17.
 11. **Judged Poster presentation** competition on Life of Mathematicians at Brijlal Biyani Science College, Amravati on 26th Dec. 2012.
 12. **Delivered motivational speech** on 9th march 2015 as a Chief guest at Muncipal Carporation Hindi girls high school, Amravati.
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13. **Worked as a advisory committee member** of state level workshop on preparation strategies and guidelines for P.G. entrance examinations in mathematics at Brijlal Biyani Science College on 20-22 January 2018
 14. **Worked as a subject expert** in University level students seminar competition on differential equation organized on 10th Feb. 2018 at Vidya bharti Mahavidyalaya, Amravati
 15. **Member of Scientific Advisory committee**, at national conference on recent advances in theoretical and computational mathematics with its applications in science, late R. Bharti Arts, Commerce & Smt. S. R. Bharti Science College, Arni, Dist. Yavatmal, February 22, 2019
 16. **Member of National Advisory Board** of 4th International conference on science , Agricultural and technology for society , 13th to15th May 2019 at Bengaluru
 17. **Member of local Organizing Committee** in national Workshop on recent research trends in Mathematics, Organized by Dept of mathematics, GVISH, Amravati, 05-06 December, 2019.
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