

Faculty Profile



1. Name : **Mr. V. S. Bawane**
2. Designation : **Assistant Professor & Head**
3. Department : **Mathematics**
4. Address (Residential) : **Sai Baba Colony, Pandhurna road, Warud 444906**
5. Phone No. / Cell No. : **9423425657**
6. E-mail Address : **vasantbawane @yahoo.in**
7. Date of Birth : **28/07/1965**
8. Academic Qualification

Examination passed	University/Board	Subject/ Specialization	Year of passing	Division/ Grade
HSSC	Amravati Divisional Board	PCM B	1984	II
B.Sc.	SGBAU, Amravati	PCM	1987	II
M.Sc.	SGBAU, Amravati	Maths	1989	II
B.Ed.	SGBAU, Amravati	Maths , Physics	1990	II
M.Phil.	SGBAU, Amravati	Maths	2009	II

9. Teaching Experience:

UG: 27 PG: 00

- Research Experience** : -
- Ph. D. Thesis Title** : **“Cosmological models of universe with variable deceleration parameter”**
- Research Supervisor** : **No**
- Research Area** : **General Relativity**
- Research Guidance** : -

Research Publication	:	08
Research Papers Presented	:	02
Published Books	:	01
Invited Talk & Guest Lecture	:	01
Conference/ Seminar/ Workshop Attended	:	27
Research Projects Completed		
Minor Research Project	:	00
Major Research Project	:	
Awards	:	01 (Local)
Works on Various University committees	:	04

RESEARCH - PROFILE

1. Research Papers published in Journals:

Sr. No	Title of the paper	Journals	ISSN / ISBN No.	Impact Factor if any
1	Bulk Viscose Kantowski-Sachs Cosmological Model with time dependent Λ term in GR.	Multilogic in Science	2277-7601	
2	Two fluid Cosmological Model in Kantowski-Sachs space – time in GR	IJSR	2319-7064	3.358
3	Interacting Dark Fluids in Bianchi type- I Universe with variable deceleration parameter	IJCAR	2319-6505	6.614
4	Interacting Holographic Dark Energy in Bianchi-Type –V Universe with Variable Deceleration Parameter	OALJ	2333-9705	
5	Interacting Dark Fluid in kaluza-Klein Universe with Variable Deceleration Parameter in General relativity	SJIF	2348-7143	6.261

6	Bianchi Typ-VIII universe with scalar and electromagnetic field in theory of gravity with deceleration parameter	AIIRJ	2349-638x	
7	Plane Symmetric Universe filled with electromagnetic field in f(R) theory of Gravity	AJANTA	2277-5730	
8	Higher dimensional Bianchi-Type-III cosmological models with perfect fluid & dark energy	Prespacetime	2153-8301	

2. Full papers in conference proceedings:

Sr. No	Name of Conference	Level	Title of the paper	Name of Authors as mentioned in paper	Place & Date	ISSN / ISBN No.
1	Emerging trends in Science	National	Interacting Dark Fluid in kaluza-Klein Universe with Variable Deceleration Parameter in General relativity	V. S. Bawane	Amravati Feb-2019	2348-7143
2	NCRAMPS-2020	National	Bianchi Typ-VIII universe with scalar and electromagnetic field in theory of gravity with deceleration parameter	V. S. Bawane	Akola 18-Jan. 2020	

3. Paper Presented in Conferences/ Seminars/ Symposia/ Workshops:

Sr. No	Title of the paper	Title of the event	Level	Organizer & Date	Mode of Presentation Oral/Poster
1	Magnetized plane symmetric Cosmological modal with wet dark fluid in scalar tensor theory of gravitation	Recent advances in Mathematical Sciences	National	AGBAU, Amravati 2016	Oral
2	Kantowski-Sachs Cosmological modal with two fluids in GR.	General Relativity-2015	International	AGBAU, Amravati 2016	Oral
3	Study of Bianchi-type – VI String cosmological modal with electro magnetic field & viscous fluid in GR	Recent trends in Mathematics and its application	National	MMM Darwha	Oral

		Sciences			
4	Bulk Viscous Kantowski-Sachs Cosmological Model With Time Dependent Term in General Theory of Relativity	National Conference on Mathematical Sciences NCMS-2013	National	Dr. R G Rathod Arts and Science College Murtizapur	Oral

4. Conference/ Seminar/Symposia/ Workshop Attended:

Sr. No.	Theme	Level	Date	Organizer
1	Emerging Trends in Science	National	Feb. 2019	Vidyabharti Amravati
2	Intellectual Property rights	University	23 April 2019	Shri R R Lahoti Science College Morshi Dist. Amravati
3	National Workshop on Number Theory	National	19 Jan. 2019	Dr. R G Rathod Arts and Science College Murtizapur Dist. Akola
4	University level seminar	University	Feb. 2018	Vidyabharti Mahavidyalaya, Amravati Feb. 2018
5	State Level Seminar on Teaching, Learning and evaluation	State	Jan. 2017	IQAC, Shrin Shivaji Science College Nagpur
6	State level Workshop on Number Theory	State	Oct. 2015	SGBAU Amravati
7	National conference on Recent Advances in Mathematical Sciences	National	June 2016	SGBAU Amravati
8	Research Oriented Workshop	University	March 2016	SGBAU Amravati
9	International Conference on General Relativity-2015	International	Nov 2015	SGBAU Amravati
10	National Conference on Recent Trends in Mathematics and its Application (NCRTMA-2015)	National	Sept 2015	Mungsaji Maharaj Mahavidyalaya Darwha, Dist. Yavatmal
11	UGC sponsored University level seminar competition on Advanced Calculus	University	September 2014	G S Gawande Mahavidyalaya Umardhed
12	Research oriented workshop	University	January 2015	Shri D M B Science & Arts college Shegaon
13	University U G level seminar competition	University	Feb 2015	MNG Science College Babhulgaon
14	Workshop on Mathematics Syllabi	University	March 2015	R D I K & K D College Badnera Rly

15	National workshop on Recent Research Trends in Mathematics	National	December 2019	GVISH Amravati
16	Right to Information Act	University	December 2019	MFMV Warud in Collaboration with Dr S M MV She. Ghat
17	12 th University Level Seminar Competition in Mathematics 2014	University	February 2014	MM Mahavidyalaya Darwaha Dist Yavatmal
18	Recent Trends in Mathematical Sciences NCRTMS-2013	National	October 2013	Arts, Commerce and Science College Koradi, Dist Nagpur
19	UGC Sponsored National Conference on Recent Trends in Mathematics	National	September 2013	G S Gawande Mahavidyalaya Umarched
20	Research Oriented Workshop	University	February 2013	SGBAU, Amravati
21	PBAS for promotions under carrier advancement scheme of college teachers	State level	March 2013	MFM mahavidyalaya Warud
22	University Level Research Oriented Workshop	University	September 2012	SGBAU, Amravati
23	Recent Innovation in Role of Free Radical on Global Warming	National	March 2012	MFM Mahavidyalaya Warud
24	University Level Seminar Competition on Mechanics	University	February 2012	SGBAU, Amravati
25	Recent Developments in Mathematics, Statistics, Computer Science and Their Applications	National	December 2011	Dr. Ambedkar College Deeksha Bhoomi Nagpur
26	Workshop on Research Guidelines and PBAS of UGC	University	March 2011	SGBAU, Amravati
27	Promotion of Ethics and Human Values Under the Scheme of Human Right Education	National	February 2011	MF Mahavidyalaya Warud

5. Invited lectures & Session Chairmanship:

Sr. No.	Title	Academic Session	Event	Level	Date	Organizer
1	Homogeneous Functions and Euler's Theorem	2019-20	Mathematical Association	College	7 Oct. 2019	Rajarshi Shahu Maharaj Science College Chandur Railway

6. Year wise Research Guidance:

Sr. No.	Year	Degree M. Phil/Ph. D.	No. of students		
			Enrolled	Awarded	Submitted

7. Research Projects

Sr. No.	Title	Major/ Minor	Funding Agency	Period	Amount Sanctioned	Sanctioned Letter No.	Status

8. Training Course, Teaching-Learning- Evaluation Technology Programmes, FDP (Not less than one week duration)

Sr. No.	Name of the Course/Summer School	Place	Duration	Sponsoring Agency
1	Orientation Programme	RTM Nagpur University	14- 10-1996 to 07- 11- 1996	UGC
2	Refresher Course	RTM Nagpur University	01- 03 – 1999 to 24- 03 –1999	UGC
3	Refresher Course	SGB AU, Amravati	28 – 05 – 2009 to 14- 06 2009	UGC
5	Refresher Course	RTM Nagpur University	22- 02 – 2010 to 14- 03- 2010	UGC

9. Book Published:

Sr. No.	Title & Page No.	Authors	Type of Book	Publisher	ISSN/ISBN No.	No, of Co-authors
1	Differential Equations (Ordinary & Partial)	T. M. Karade & V. S. Bawane	Reference Book	Sonu-Nilu Publication Nagapur	798-81-88763-58-0	04

10. Event Organized:

Sr. No.	Events	Level	Funded by	Date	Position
1	Workshop and Students Seminar Competition	University	SGBAUMTA	23 Sept. 2017	Organizing Secretary

11. Special Achievement:

Thesis Submitted to SGBAU, Amravati on Oct-2020

12. Other Memberships:

Ex. Member of BOS in Mathematics SGBAU Amravati [M. S.]