


**Biodata Format**

Name of Institute: Shivaji Arts Commerce and Science College Kannad, Dist. Aurangabad

<b>Full Name</b>		<b>MR. WAGHMARE RAJU VITHOBA</b>		
<b>Name of Post</b>		<b>ASSISTANT PROFESSOR</b>		
<b>Subject</b>		<b>MATHEMATICS</b>		
<b>Specialisation</b>		<b>PURE MATHEMATICS</b>		
<b>Caste Category Appointed From</b>		<b>OPEN</b>		
<b>UG/ PG Teacher</b>		<b>UG</b>		
<b>Address &amp; Contact Details</b>		<b>DEPARTMENT OF MATHEMATICS</b> <b>SHIVAJI COLLEGE KANNAD, DIST.</b> <b>AURANGABAD</b> Mobile No.: 9860875464 Email:waghamarerv@yahoo.com		
<b>Gender</b>	MALE	<b>Date of Birth : 10/05/1964</b>		
<b>Mother tongue</b>	MARATHI	<b>Knowledge of Marathi: YES</b>	<b>Specially Abled: No</b>	

**:: Caste Category of Candidate**

**Category : OPEN**

**Caste : MARATHA**

**:: Educational Qualification (Start from Ph.D/PDF to SSC)**

Name of Exam	Board/University	Passing Mon-Year	Stream/Subject	Obtained/Total Marks	% or Grade Point
Ph. D.	-	-	-	-	-
M.Phil.	Algappa University, Karaikudi	Sept. 2007	Mathematics	346/500	69.20
B.Ed.	Marathwada University, Aurangabad	May 1992	Science /Maths	637/1000	63.70
M.Sc.	Marathwada University, Aurangabad	Dec. 1990	Mathematics	486/800	60.75
B.Sc.	Marathwada University, Aurangabad.	May 1988	Physics, Chemistry, Mathematics	1939/3400	57.02
HSC	Maharashtra State Board Of Secondary and Higher Secondary Education Pune	June 1985	Marathi, English, Physics, Chemistry, Mathematics, Biology	279/600	46.50
SSC	Maharashtra State Board Of Secondary and Higher Secondary Education Pune	June 1983	Marathi, English, Hindi, Science, Mathematics, Social Sciences	428/700	61.14

**:: Work Experience**

Name of Employer	Type of Service	Designation	Nature of Post	From-To	Pay scale	Approval date
Mr. Waghmare R. V.	Assistant Professor	Head and Assistant Professor	Permanent	27/06/1994 To till date	15,600-39,000	19/09/1994, 30/01/1995, 30/04/1996, 24/10/1996, 10/09/1912

**:: Research Papers/ Conference Proceedings**

<b>Type of Journal</b>	<b>Title with Page No.</b>	<b>Journal Details</b>	<b>Published year</b>	<b>Sole/ Co-Author</b>	<b>Peer Review/Impact Factor</b>	<b>API Score</b>
International	A note on complete Integral of non-linear first order partial differential equation pages 56-63	Bulletin of Marathwada Mathematical Society	2011	Co-author	Peer reviewed, ISSN-0976-6049	06
International	Drug distribution in the Body Pages 5-7	Thematics Journal of Applied Sciences	2012	Co-author	Peer reviewed, ISSN-2277-3037	
International	Mathematical modelling and carbon-14 dating pages 22-26	Thematics Journal of Applied Sciences	2012	Co-author	Peer reviewed, ISSN-2277-3037	06
International	Place Value System and Invention of Zero Pages 1-4	Golden Research Thoughts	2012	Co-author	Peer reviewed, Impact Factor-0.1870, ISSN:2231-5063	04
National	The Great Mathematician Bhaskaracharya II Pages 16-20	Entire Research	2012	Co-author	Peer reviewed, ISSN-0975-5020	06
International	Temperature of planet Pages 1-4	Golden Research Thoughts	2012	Co-author	Peer reviewed, ISSN-2231-5063	04
International	History of number system and computer approach Pages 1-4	Indian Streams Research Journal	2012	Co-author	Peer reviewed, ISSN-2230-7850	06
National	Indian Mathematician Varahamihira Pages 102-109.	GLOBAL ECONOMIC RESEARCH	2012	Co-author	Peer reviewed, ISSN-2249-4081	04
International	Moderate Earthquakes in India during the Year 2010 to 2011 Pages 39-40	Thematics Journal of Applied Sciences	2012	Co-author	Peer reviewed, ISSN-2277-3037	08
International	The Great Mathematician Brahmagupta Pages 44-55	Golden Research Thoughts	2012	Co-author	Peer reviewed, Impact Factor-0.1870, ISSN:2231-5063	12
International	The Great Mathematician	Indian	2012	Co-author	Peer reviewed, Impact Factor-	08

	Aryabhata Pages 82-86	Streams Research Journal			0.2105 ISSN:2230- 7850	
International	The Great Indian Mathematician Srinivas Ramanujan Pages 51-59	Golden Research Thoughts	<b>2012</b>	<b>Co- author</b>	Peer reviewed, ISSN-2231- 5063	<b>12</b>
International	Mathematical modeling of water uptake by spherical bulb surface and water profile surrounding the bulb surface of beet	International Journal of Mathematical Archive International,	<b>2014</b>	<b>Co- author</b>	Peer reviewed, Impact Factor- 4.091 ISSN 2229-5046	<b>14</b>
International	Mathematical modeling of nitrogen, potassium and phosphate supply and uptake ginger plant in one life cycle using graphical analysis	International Journal of Statistika and Mathematika, International	<b>2014</b>	<b>Co- author</b>	Peer reviewed ISSN: 2277-2790	<b>08</b>
International	Mathematical modeling of pollutant uptake by the plant root from the soil pages 1-7	Annals of Pure and Applied Mathematics, International,	<b>2015</b>	<b>Co- author</b>	Peer reviewed, Impact Factor- 2.117, ISSN: 2279-087x(P). 2279-0888	<b>14</b>
International	Mathematical Modeling of Flow in Confined Aquifer. Page No. 1-16	International Journal of Novel Research in Physics Chemistry & Mathematics	<b>2016</b>	<b>Sole</b>	Peer reviewed ISSN-2394-9651	<b>20</b>
International	Mathematical Modeling of Groundwater flow in Porous Media. Page No. 4698-4701	International Journal of Engineering Science and Computing	<b>2016</b>	<b>Sole</b>	Peer reviewed, Impact Factor- 5.611, ISSN- 2321 3361	<b>45</b>
International	Mathematical Modeling of Disposal Pollutant in Rivers Page No.-835-842	International Journal of Computational and Applied Mathematics	<b>2017</b>	<b>Co- author</b>	Peer Reviewed, ISSN No. 2321 3361	<b>12</b>
International	Mathematical Modeling of Transport and Transformation Process, Page No.1-5	International Journal Of Mathematical Archive	<b>2017</b>	<b>Co- author</b>	Peer Reviewed, Impact Factor- 4.091, <b>ISSN 2229 – 5046</b>	<b>21</b>

**:: Paper Presented in Conference/Workshop/Symposium**

Title of Paper	Type of Conf./Workshop/Symposium	Details of Conf./Workshop/Symposium	Organiser Details	Proceedings Published?	Sole/ Co-author	API Score
A note on complete Integral of non-linear first order partial differential equation pages 56-63	State Level	State Level Seminar on Recent Advances in Graduate and Post-Graduate Mathematics and Effective Teaching	Maulana Azad College, Aurangabad	No	Co-author	05
Mathematical Modelling of pollutant uptake by the plant root from the soil pages 1-7	National	Recent Advances Advances in Mathematics	Deogiri College, Aurangabad	No	Co-author	05
Mathematical modeling of two dimensional Unconfined flow in aquifer	National	Recent Development In Mathematics	Rajarshi Shahu Arts, Commerce And Science College, Pathri Dist. Aurangabad	No	Co-author	05

**:: Research Publications- Books, Chapters, Articles etc.**

Publication Type	Title of Book	Publisher Details	Book ISSN/ISBN	Published Year	Sole/ Co-author	API Score
National	The Great Indian Mathematicians Pages 74	Tiphani Prakashan, Kannad Dist. Aurangabad	ISBN 81-924707-0-2	2012	Co-author	15

**:: Details of Research Students guided for M.Phil./Ph.D.**

Student Name	Degree	Registration Date	Award of Degree	Branch/Title	Degree Status
-	-	-	-	-	-

**:: Details of Research Schemes/ Projects/ Consultancies undertaken**

Project Name	Funding Agency	Fund Mobilised	Commencement Date	Completion Date	Worked as	API Score
-	-	-	-	-	-	-

**CATEGORY I: TEACHING, LEARNING & EVALUATION RELATED ACTIVITIES**

**:: 1. Details of Lectures, Seminars, Tutorials, Practicals, Contact Hrs**

Course/Paper	UG/ PG Level	Teaching Mode	Hours per week allotted	% of classes taken
B.Sc. I MAT 102,202	UG	L/S/T	5	100
B.Sc. II MAT 301,303	UG	L/S/T	6	100
B.Sc. II MAT 402,403	UG	L/S/T	6	100
B.Sc. III MAT 502, 504	UG	L/S/T	7	100
B.Sc. III MAT 601,602	UG	L/S/T	7	100

<b>API Score for Classes taken (Max Score 50 for 100% performance &amp; proportionate score) up to 80% performance; below which no score may be given)</b>	<b>50</b>
<b>2. API Score for Teaching load in excess of UGC norm (Max Score: 10)</b>	<b>10</b>

**3. Reading/ Instructional Material consulted/ additional knowledge resources provided to students:**

Course/Paper	Consulted	Prescribed	Additional Resources Provided
B.Sc. I MAT 102,202	Basic idea	Text book, Notes	Reference Books
B.Sc. II MAT 301,303	Basic idea Overlook B.Sc. I work	Text book ,Notes	Reference Books
B.Sc. II MAT 402,403	Basic idea Overlook B.Sc. I work	Text book, Notes	Reference Books
B.Sc. III MAT 502, 504	Basic idea overlook B.Sc. II work	Text book, Notes	Reference Books
B.Sc. III MAT 601,602	Basic idea overlook B.Sc. II work	Text book ,Notes	Reference Books

<b>API Score based on preparation &amp; imparting knowledge/ instruction as per curriculum &amp; syllabus enrichment by providing additional resources to students (Max Score:20)</b>	<b>20</b>
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<b>4. Use of Participatory &amp; Innovative Teaching-Learning methodologies, updating of subject content, course improvement etc.</b>	
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<b>API Score (Max Score:20)</b>	<b>20</b>
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<b>CATEGORY II: CO-CURRICULAR, EXTENSION &amp; PROFESSIONAL DEVELOPMENT RELATED ACTIVITIES</b>
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<b>1. Student related co-curricular, extension &amp; field based activities (such as extension work through NSS/NCC &amp; other channels, cultural activities, subject related events, advisement &amp; counseling)</b> <b>API Score (Max Score:20)</b>	<b>Type of Activity</b>	<b>Average Hrs/week</b>	<b>API Score</b>
	(i) Extension, Co-curricular & field based Activities		
	Organized visit for Seminar of students	28/01/2017	05
	Organized visit for R.C.M.K.Examination of students	22/01/2017	05
	Counsellor of YCMOU Nasik.	Yearly	05
	<b>Total (Max : 20)</b>		<b>15</b>

<b>2. Contribution to Corporate life &amp; management of the department &amp; institution through participation in academic &amp; administrative committees &amp; responsibilities</b> <b>API Score (Max Score:20)</b>	(ii) Contribution to Corporate Life and Management of the Institution	Yearly / Semester wise responsibilities	API Score
	Member of Innovative Practices Committee	Yearly	05
	Member of UGC Committee	Yearly	05
	Member of Earn and Learn Scheme Committee	Yearly	05
	Various Committees of College functions	Function period	05
	Various Committees in	Function period	05

	Annual Gathering			
	Election Duty	16/02/2017	05	
	Total (Max : 20)		20	
<b>3. Professional Development Activities (such as participation in seminars, conferences, short term, training courses, talks, lectures, membership of associations, dissemination &amp; general articles, not covered above)</b> <b>API Score (Max Score:15)</b>	(iii) Professional Development Activities			
	Life member of Marathwada Mathematical Society.	Life member	05	
	Member of University Library	From Jan.2005	05	
	Life member of Tiphon Traimasik	Life member	05	
	National Level Seminar on Recent Development in Mathematics	03-04 Feb, 2016	05	
	Total (Max : 15)		15	
<b>Training Courses, Teaching, Learning Evaluation Technology Programmes, Faculty Development Programmes (Not less than one week duration)</b> <b>API Score</b>	<b>Programme</b>	<b>Duration</b>	<b>Organized by</b>	<b>API Score</b>
	40 <sup>th</sup> Orientation	03/04/2000 30/04/2000	Academic Staff College, Dr. BAM University Aurangabad	20
	3 <sup>rd</sup> Refresher	03/09/2001 30/09/2001	Academic Staff College, Dr. BAM University Aurangabad	20
	1 <sup>st</sup> I D Refresher	25/02/2008 15/03/2008	Academic Staff College, Dr. BAM University Aurangabad	20
	Environmen	09/12/2011	Academic Staff College, Dr.	20

	<b>Studies II</b>	<b>29/12/2011</b>	<b>BAM University Aurangabad</b>	
	<b>Refresher Course</b>	<b>29/08/2016</b>	<b>Human Resource Development Center, Dr. BAM University Aurangabad</b>	<b>20</b>
		<b>20/09/2016</b>		
<b>Invited lectures or presentations for conferences/symposia</b>	<b>Nil</b>			
<b>Design of new course &amp; curriculum</b>	<b>Nil</b>			
<b>Particulars of current research work at personal level</b>	<b>Nil</b>			
<b>Co-curricular &amp; extra curricular activities</b>	<b>Nil</b>			
<b>Consultancy work carried out</b>	<b>Nil</b>			
<b>Patents &amp; IPR Details:</b>	<b>Nil</b>			
<b>Any other information you wish to specify</b>	<b>Nil</b>			