


Biodata Format

Name of Institute: CSMSS Chh. Shahu College of Engineering, Aurangabad

Full Name		SOLANKE GAJANAN SONERAO		
Name of Post		Assistant Professor		
Subject		Mathematics		
Specialisation		Pure Mathematics		
Caste Category Appointed From		OPEN		
UG/ PG Teacher		UG Teacher		
Address & Contact Details		Mobile No.: 9923196614 Email: gssolanke@gmail.com		
Gender	Male	Date of Birth : 01/01/1991		
Mother tongue	Marathi	Knowledge of Marathi: Yes	Specially Abled: No	

:: 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.	Dr. B.A.M.U.	Appeared	Mathematics	---	---
M.Sc.	Dr. B.A.M.U.	2014	Mathematics	---	7.35
B.Sc.	Dr. B.A.M.U.	2012	Science	2919	81.08%
HSC	Aurangabad	2009	Science	376	62.67%
SSC	Aurangabad	2007	---	523	80.46%

:: Work Experience

Name of Employer	Type of Service	Designation	Nature of Post	From-To	Pay scale	Approval date
CSMSS, CSCOE Aurangabad	Permanent	Assistant Professor	Full Time	From 02/06/2014 to till date	15600-39100	19/08/2016

:: Research Papers/ Conference Proceedings

Type of Journal	Title with Page No.	Journal Details	Published year	Sole/ Co-Author	Peer Review/Impact Factor	API Score
International	A Mathematical Model For Two Political Parties (311-321)	IJMMS (Serial Publication)	2017	Co-Author	--	
International	A Fractional Order	AIP Conference Proceedings.	2019	Co-Author	0.30	

	Differential Equation Model For Tuberculosis	USA				
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:: 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 Calculus Based Mathematical Model for two Political Parties	International Conference	International Conference on Mathematical Applications in Engineering and Technology	Department of Mathematics Sacret Heart college Tirpattur Tamilnadu	--		
A Mathematical Model For Tuberculosis	National Conference	National Conference on Pure and Applied Mathematics	P.G. Department of Mathematics, Yogeshwari Mahavidyalaya, Ambajogai	--		--
A Fractional Order Differential Equation Model For Tuberculosis	International Conference	International Conference on Recent Advances in Mathematical Sciences and it's Applications 2019	Department of Mathematics Jaypee Institute of Information Technology, Noida Uttar Pradesh	AIP Conference Proceedings	Co-Author	

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

Publication Type	Title of Book	Publisher Details	Book ISSN/ISBN	Published Year	Sole/ Co-author	API Score

:: 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
Engineering Mathematics III	UG Level	Black Board	16	100%
Engineering Mathematics IV	UG Level	Black Board	16	100%

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

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

Course/Paper	Consulted	Prescribed	Additional Resources Provided

API Score based on preparation & imparting knowledge/ instruction as per curriculum & syllabus enrichment by providing additional resources to students (Max Score:20)	
4. Use of Participatory & Innovative Teaching-Learning methodologies, updating of subject content, course improvement etc.	
API Score (Max Score:20)	

5. Examination Duties Assigned and Performed (invigilation; question paper setting, evaluation/ assessment of answer scripts) as per allotment:

Type of Examination Duties	Duties Assigned	Extent to which carried out (%)	API Score
invigilation	Invigilator	100%	
evaluation	Examiner, Moderator	100%	

CATEGORY II: CO-CURRICULAR, EXTENSION & PROFESSIONAL DEVELOPMENT RELATED ACTIVITIES

1. Student related co-curricular, extension & field based activities (such as extension work through NSS/NCC & other channels, cultural activities, subject related events, advisement & counseling) API Score (Max Score:20)	
2. Contribution to Corporate life & management of the department & institution through participation in academic & administrative committees & responsibilities API Score (Max Score:20)	

<p>3. Professional Development Activities (such as participation in seminars, conferences, short term, training courses, talks, lectures, membership of associations, dissemination & general articles, not covered above) API Score (Max Score:15)</p>	<p>1)Indian Science Congress Dr BAMU Aurangabad, 2)International Conference on “Mathematical Applications in Engineering and Technology”, 3)One day workshop “LATEX”, 4)National Conference on “Pure and Applied Mathematics”, 5) National Conference on “Recent Trends in Mathematics”. 6) National Workshop on Teaching Methodologies for Engineering Mathematics. 7) International Conference on Recent Advances in Mathematical Sciences and it’s Applications 2019</p>
<p>Training Courses, Teaching, Learning Evaluation Technology Programmes, Faculty Development Programmes (Not less than one week duration) API Score</p>	<p>1. Faculty Development program on 'Moodle Learning and Management System' 2. Faculty Development Program on "An Approach for Technical Skill Enhancement" 3. Pedagogical Training for teachers on tools for online teaching learning and evaluation. 4. Online workshop on Universal Human Values. 5. Faculty Development Program on “Promoting Quality Culture in Technical Institutions. 6. Faculty Development Program on “Advanced Teaching Tools, Techniques and Methodologies for outcome based Education. 7. One week STTP on “ Mathematical Modelling and Numerical Techniques.</p>
<p>Invited lectures or presentations for conferences/symposia</p>	
<p>Design of new course & curriculum</p>	
<p>Particulars of current research work at personal level</p>	
<p>Co-curricular & extra curricular activities</p>	
<p>Consultancy work carried out</p>	
<p>Patents & IPR Details:</p>	
<p>Any other information you wish to specify</p>	