

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

Name of College: Shri Chhatrapati Shivaji College, Omerga, Tq-Omerga, Dist-Osmanabad

$\frac{Self\text{-}Assessment\text{-}Cum\text{-}Performance\text{-}Appraisal\ Forms}{API\text{-}PBAS\ Proforma}$

CAS Promotion Professor in colleges

For

Faculty of Sciences & technology

Reference: i) The Gazette of India: Extraordinary, Part III Section 4 dated 18th July, 2018 ii) Government of Maharashtra Misc -2018. CR 56 /18/UNI date 8th March, 2019

ACADEMIC YEAR: 2019-2020

PART-A: GENERAL INFORMATION AND ACADEMIC BACKGROUND

1. Name (in Block Letters) : Dr. VITHAL VINAYAK

2. Department : Chemistry

3. Current Designation & Academic Level : ASSISTANT PROFESSOR AL-12

(79800-139800)

4. Date of last Promotion : 02/12/2018

5. For Which position and Academic

Level you are applying under CAS : ASSOCIATE PROFESSOR & AL-13A

6. Date of eligibility for Promotion : 02/12/2021

7. Address with Pin Code : Dr. VITHAL VINAYAK,

DEPT. OF CHEMISTRY, S. C. S.

College, Omerga-413606,

DIST. OSMANABAD (M.S.)

Telephone/Mobile No. : 7899250177/7809501501

E-mail id : dhole99@gmail.com

8. Academic Qualification (UG & PG):

Examination	Name of the Board /University	Year of Passing	% of Marks Obtained	Division /Class /Grade	Subjects
S.S.C.	KSEE	APRIL 1996	56.00	II	Kannada, Hindi, English, Mathematics, Science & Social
Higher Secondary	Pre University Bangalore	APRIL 1998	52.00	II	English, Hindi, Mathematics, Physics, Chemistry & Biology
Bachelor's Degree	Dr.B.A.M. University, A.bad	M/A 2001	58.00	II	Physics, Chemistry& Computer Science
Master's Degree	Dr.B.A.M. University, A.bad	M/A 2004	58.32	II	Organic Chemistry

M-Phil	Madhurai Kamraj University(TN)	Aug. 2008	52	II	Chemistry
Ph.D.	Dr.B.A.M. University, A.bad	March. 2015			Chemistry

9. Research Degree(s):

Degree	Title	Date of award	University
M-Phil	Synthesis of some important Metal Oxides Employing alginate precursor technique	Aug. 2008	Madhurai Kamraj University(TN)
Ph.D.	Low temperature Synthesis of Nanosized Ferrites and their characterization	26.03.2015	Dr.Babasaheb Ambedkar Marathwada University, Aurangaad.

10. Appointments held prior to joining this institution (Attach relevant certificates of service/experience)

	for the post at the time of	(Regular/ Fixed term/		Grade	Leaving
	Appointment	Temporary /Adhvoc)			

11. Posts held after appointment at this institution:

Designation	Department	Period o	f actual holding	Grade	
2 651511411011	2 cpuriment	From	To		
Assistant Professor	CHEMISTRY	02/12/2008	02/12/2013	15600-39100 (AGP: 7000)	
Assistant Professor	CHEMISTRY	02/12/2013	02/12/2018	15600-39100 (AGP: 8000)	
Assistant Professor	CHEMISTRY	02/12/2018	TILL NOW	AL-12	

12. Period of teaching experience:

P.G. Classes (in years): 2 U.G. Classes (in years): 11.5

- 13. Research Experience excluding years spent in M.Phil. / Ph.D. (in years): 05
- 14. Fields of Specialization under the Subject / Discipline: ORGANIC CHEMISTRY
- 15. Human Resource Development Centre Orientation / Refresher Course/FDP/ MOOC/ One Two Week Courses attended so far:

Name of the Course	Place	Date of Courses	Duration (period)	Name of the Organizer
ORIENTATION COURSE	ASC,Dr.B.A.M.U. Aurangabad	15/01/2013 to 05/02/2013	28 days	UGC, New Delhi
Refresher Course	ASC,Dr.B.A.M.U. Aurangabad	01/08/2013 to 31/08/2013	21 days	UGC, New Delhi
Refresher Course	ASC,Pujabi University,PATIALA	01/12/2017 to 21/12/2017	21 Days	UGC, New Delhi
Refresher Course	ASC,MANUU, Hyderabad	11/12/2018 to 31/12/2018	21 Day	UGC, New Delhi

PART-B: ACADEMIC PERFORMANCE INDICATORS (API)

Table 1

1. Assessment Criteria and Methodology for University/ College Teachers

		Unit of calcu	lation	Self-Appraisal Grading	
Categ ory	Name of Activity	Actual Class Spent year	% of Teaching	For Assistant Professor/ Associate Professor/ Professor	Verified API Grading by Committee
	(1)	(2)	(3)	(4)	
	Teaching:(Number of classes taught/total classes assigned) x100(Classes taught includes sessions on tutorials, lab and other teaching related activities)			i) Good: 80% & above ii) Satisfactory: Below 80% but 70% above iii) Not satisfactory: Less than 70%	
	Teaching Black Board	B.Sc.III & IV sem. Paper VIII and XI 82/90			
	Teaching ICT Based	11/16			
	Practical Laboratory	B.Sc.III & IV sem. Paper IX and XII 428/450			
	Tutorials/Assign ments/Projects	05/05	93.24%	Good	Good
1	Field work				
	Group Discussion	06/06			
	Seminars	09/10			
	Remedial teaching	07/10			
	Clarifying doubts within and outside the class hours.	09/10			
	Additional teaching to support counseling and mentoring.	09/10			
	Total Actual Hours Spent	566/607			

2. Involvement in the University/College students related activities/research activities:

i) Good: involved in at least 3 activities ii) Satisfactory: 2 activities.

iii) Not satisfactory: Not involved/ under-taken any of the activities.

Note: Number of activities can be within or across the broad categories of activities

2	Activities	Specify Actual Participation in year	Total days Spent per year	Self- Appraisa 1 Grading For Assistant Professor / Professor	Verified API Grading by Committ ee	Page No.of Relevant documen -ts
	Involvement in the Univers	<u> </u>	ed activities/	research act	ivities.	
	(a)Administrative responsibilities such as Head, Chairperson/ Dean/Director/ Co-ordinator, Warden etc.	1.Member of competitive Exam Center 2.Member- Science Association 3.Member of Examination Committee	12 days	Good	Good	
	(b) Examination and eval			ege / unive	rsity or atte	nding the
		exam. Paper ev	aluation.			
	Exam paper evaluation					
	i)Question Paper Setting					
	ii) Invigilation/ Supervision	Invigilation for Univ.exams.	12 days	Good	Good	
	•	Internal examiner B.Sc.	10 days	Good	Good	
	iii) Flying Squad					
	iv)CS/ACS/Custodian					
	v) CAP Director/Assistant Director					
	vi) Unfair menace committee					
	vii) Grievance committee					
	viii) Internal assessment	Internal assessment	03 days	Good	Good	
	ix) External assessment	2. External Examiner B.SC. I, year, Practical's exams, S.S.P.Sr.College,	06 days	Good	Good	
	x) Re-valuation					
	xi) Result preparation (college level for	B.Sc.Sem. III and IV	02 days	Good	Good	

internal as	sessment)					
xii) M.Phil						
,	luation/any					
other	ruditiony unity					
(c)Student	realted co-	1) career counseling,				
` '		,				
	extension and	student seminar for				
field based		B.sc and M.sc students				
such as stu		2) Participated in AIDS				
clubs,caree		Awareness rally				
counseling	•	3) Science Day				
· ·	ent seminars	celebration				
and other		4) Guided to student	08 days	Good	Good	
events,cult	ural,sports,	for wall magazine				
NCC,NSS	and	G				
community	y services.	'Chemivision'				
		5) Remedial coachimg				
		and student seminar				
		6) ICT based teaching				
		_				
(d) Organiz	zing	1) 1.Invited talk in				
seminars	8	NSS camp organized				
	es/workshops	_ ~				
etc.and oth	•	by SSP Sr College				
college/uni		Narangwadi on				
activities.	iveisity	Globalization and				
activities.		Water Conservation				
		Dated 08-01-2020				
		2) Delivered a lecture				
		on Organic Solid states				
		Dept of Chemistry.	03 days	Good	Good	
		Bhausaheb Birajdar Sr.				
		College Balsoor Tq				
		Omerga				
		3) Delivered a lecture				
		,				
		on Ethics in Science at				
		Dept.of Chemistry				
		S.S.P.Sr.College,				
		Narangwadi				
(e) Evidenc	ce of actively					
involved in						
Ph.D stude						
Candidates						
i) no. of reg	-					
ii) no. of av						
candidates						
		l	I		1	<u> </u>

f) Conducting minor or major research project sponsored by national or international agencies							
g) Conducting minor or major research project sponsored by national or international agencies i) above 10 lacs ii) below 10 lacs							
h) At least one single or joint publication in peer reviewed or UGC list of Journals. i) No.of papers Published (single author): 01 ii) No.of papers Published (Joint author):02	i) No.of papersPublished (single author): 01ii) No.of papersPublished (Joint author):02		Good	Good			
S	Good: Good in teaching and satisfactory or good in activity at S.No.2 or Satisfactory: Satisfactory in teaching and good or satisfactory in activity at S.No.2						

CATEGORY-III: RESEARCH AND ACADEMIC CONTRIBUTIONS

1) Research Papers in Peer-Reviewed or UGC listed Journals: (Please refer points as per UGC notification):

Not Satisfactory: If neither good nor satisfactory in overall grading.

S r.	Title of Paper	Journal Name, page nos , Vol. No., Year of publication	ISSN / ISBN No.	Impact Factory If any (with if agency)	No. of co- Auth ors	Whether Principal Author/S uperviso r/ Co- Supervis or	Sel f Ap pra isal Sco re	AP I Sco re Ve rifi ed	Page No. of Releva nt Docum ents
		Current Global		UGC	Cim al	Yes,	10		
	Microwave	Reviewer	2319	Peer	Singl	Principal	13		
	Assistant	International	-	Review	e	author			
1	Synthesis of	Multi	8648	ed					
1	Substituted	Disciplinary		Journal					
	Indazole	Research							
	Derivatives	Journal 2020(2)							
		4-7							

2	Study of Some Physico-Chemical Parameters of Bhosga Water Body,Tq Lohara,Osmanaba d Dist (M.S) India	Our Heritage Vol-68 Special issue-12	0474- 9030	UGC Care Listed	Co- Auth or	Yes, Principal author	9.1	
3	Mass Fragmentation Pattern of DHA- 3-Methoxy Phenyl Anil (Schiff Base) Derived from Oxygen Heterocyclic compound Derivative	Our Heritage Vol-68 Special issue-38	0474- 9030	UGC Care Listed	Co- Auth or	Yes, Principal author	9.1	
	1	1		ı	1	Total (1)	31. 2	

(2) (a) Publications (other than research papers) (Books, Chapters in Books)

(i) Books Published with ISSN/ISBN number:

International publisher: 12 points and National publisher 10 points per book for single author

Sr	Title of book with no. of papers	Publish er Name & ISSN/ ISBN No.	Internati- onal/ National publisher	No. of Co- Auth or	Whether Principal Author/ Co-author	Self Apprai sal Score	API Score Verifi ed	Page No. of Relevant Document s
1								
					Total (2)(a)(i)			

(2) (a) (ii) Chapter in Edited Book with ISSN/ISBN: (5 Points per chapter)

8 points per book for single author

Sr. No.	Title of Chapter with Page Nos.	Name of Book	Publishe r Name & ISSN/ ISBN No.	No. of Co- Author	Whether Principal Author/ Co- author	Self Appr -aisal Score	API Score Verifie- d	Page No. of Relevant Docume-nt
1								
				Total (2	?)(a)(ii)			

(2) (a) (iii) Editor of the Book with ISSN/ISBN:

Editor of book by International Publisher: 10 Points per book for single author Editor of book by National Publisher: 08 Points per book for single author

Sr.	Title of Book with Page Nos.	Publisher Name & ISSN/ ISBN No.	No. of Co- Author	Whether Principal Author/ Co-author	Self Apprais al Score	API Score Verifie d	Page No. of Relevant Document s
1							
			To	tal (2)(a)(iii)			

(2) (b) Translation works in Indian and Foreign Languages by qualified faculties: (3 points per chapter or research paper, 8 points per book)

Sr. No.	Title of Chapter with Page Nos.	Name of Book	Publisher Name & ISSN/ISBN No.	No. of Co- Author	Whether Principal Author/ Co- author	Self Appraisal Score	API Score Verified	Page No. of Relevant Documents
1								
		Su	b Total (2)(b)					
	Total (2)	: (2)(a)(i)	+ (2)(a)(ii) + (2)(a)(ii)					

- (3) Creation of ICT mediated Teaching Learning pedagogy and content and development of new and innovative courses and curricula:
- (3) (a) Development of Innovative pedagogy: (5 points per Innovative pedagogy)

Sr.	Title of	Spo	Types of	Specify ICTs	Date of	Date of	Self	API	Page.No.
No	Innovat	nsp	Teaching-	resources	approv	Imple	Apprais	Score	Of
	ive	ore	Learning	web link:	al from	mentati	al Score	Verifi	Relevant
	pedago	d	Enviornmen	You Tube	authori	on		ed	Documen
	gy	Age	ts: Face-to-	Videos,	ty				ts
		ncy	Face /	Audios/Sma					
		If	Networked	rt Classroom					
		any	Open and	/Simulation					
			Distance	Game/Bloggi					
			/Virtual/If	ng/Online					
			any	Discussion					
			,	Forums/					
				Virtual					
				Laborat-					
				ories/Telecas					
				t/Picture/M					
				odel /Charts					
				if any					
1									
			al (3)(a)	00					

(3) (b) Design of New curricula and Courses: (02 Points per curricula/course)

Sr.	Name of	Title	Specify ICTs	Date of	Date of	Self-	API	Page No.
-----	---------	-------	--------------	---------	---------	-------	-----	----------

No	Program	new	resources:	approva	Implem	Appra	Score	of
	me where	curricul	weblink/	1 from	entation	isal	Verified	Relevant
	curricula	a and	you tube	authorit		Score		Docume
	introduce	courses	link:/Audio	y				nts
	d		/Video/					
			Telecast					
			picture					
			Model/Char					
			ts if any					
1								
				Subto	tal (3)(b)			

(3) c) MOOCs:(3) c) (i) Development of complete MOOCs in 4 quadrants: (4 Credit/courses) (20 per curricula/course) (In case of MOOCs of lesser credits 05 marks/credit)

Sr.	Name of	Co	Title of	Specify ICTs	Date of	Date of	Self-	API	Page No.
No.	Programme	urs-	new	resources: web	approval	Impleme	Appraisal	Score	of
	where	e	MOOC	link/you tube	from	ntation	Score	Verified	Relevant
	curricula	Cre	urricula	link:/Audio/Vi	authority				Docume-
	introduced	dits		deo/ Telecast	-				nts
				picture					
				Model/Charts if					
				any					
1									
					Subtota	al (3)(c)(i)			

(3) c) (ii)MOOCs [Development in 4 quadrants] per module/Lecture:5points/module/lecture)

	•	ı	<u>'</u>		Subtotal	(3)(c)(ii)			
1									
				if any					
				Model/Charts					
	d			picture					
	introduce		course	/ Telecast					nts
	curricula		la and	Audio/Video	y				Docume
	where	dits	curricu	link:/	authorit			d	t
	me	Cre	MOOC	link/you tube	1 from	entation	1 Score	Verifie	Relevan
No.	Program	rse	new	resources web	approva	Implem	Appraisa	Score	No. of
Sr.	Name of	Cou	Title of	Specify ICTs	Date of	Date of	Self-	API	Page

(3) c) [iii] Content writer/Subject matter expert for each module of MOOCs: (at least one quadrant](2 points per curricula/course)

Sr.	Name of	Course	Title	Specify ICTs	Date of	Date	Self-	API	Page
N	Programme	Credits	new	resources	approval	of	Apprai-	Score	No. of
o.	where		curric	weblink/	from	Imple	sal	Verifie	Releva
	curricula		ula	you tube	authority	menta	Score	d	nt
	introduced		and	link:/		tion			Docu
			course	Audio/					ments
			s	Video/					
				Telecast					
				picture					
				Model/Char					
				ts if any					
1									
					Subtotal (3	3)(c)(iii)			

(3) (c) [iv] Courses Coordinator for MOOCs: [4 credit course] (8 points per curricula/Course) (In case of MOOc's of lesser credits 02 marks/ credit)

Sr.	Name of	Cour	Title of	Specify ICTs	Date of	Date	Self-	API	Page			
No	Progra	se	MOOC	resources web	approva	of	Apprai	Score	No. of			
	mme &	Credi	curricula	link/ you tube	1 from	Imple	sal	Verifie	Releva			
	course	ts		link:/ Audio/	authorit	menta	Score	d	nt			
				Video/	y	tion			Docum			
				Telecast picture					ents			
				Model/ Charts								
				if any								
1												
1		-										
	Subtotal (3)(c)(iv)											
	Tota	1 (3)(c):	(3)(c)(i) +	(3)(c)(ii) + (3)(c)	e)(iii) + (3)(c)(iv)						

(3)(d) e-Content:

(3) (d) (i) Development of e-Content in 4 quadrants for a complete course/e-book(12 points per curricula/course)

Sr.	Title of e	Name	Specify	Weath	No. of	Wheth	Self-	API	Page No.
	content	of	ICTs	er	Co-	er	Appr	Score	of
	Course/e-	Progra	resourc	Peer	Autho	Princip	aisal	Verifi	Relevant
	book with no.	mme	es: web	revie	rs	al	Score	ed	Document
	of Pages	and	link	wed		author			S
	ISSN/ISBN.	Course				/Co			
	if any	to				Author			
	-	which							
		introdu							
		ced							
1									
				Su	btotal (3))(c)(d)(i)			

(3)(d) [ii] e-Content(development in 4 quadrants) per module: (5 points per module course)

Sr	Title of e	Name	Specify	Weath	No. of	Whether	Self-	API	Page No.
	content	of	ICTs	er Peer	Co-	Principal	Appr	Score	of Relevant
	Course/e-	Progra	resourc	review	Autho	author/	aisal	Verifie	Documents
	book with no.	mme	es web	ed	rs	Co	Score	d	
	of Pages	and	link			Author			
	ISSN/ISBN. if	Course							
	any	to							
		which							
		introdu							
		ced							
1				_					
	1	3)(c)(d)(ii)							
))(c)(d)(11)						

(3) (d) [iii] Contribution to development of e-content module in complete course/paper/e-book: (at least one quadrant) (2 Points per module/ course)

Sr.No	Title of e	Name of	Specify	Weather	No.	Wheth	Self-	API	Page	
	content	Program	ICTs	Peer	of	er	Apprai	Score	No. of	
	Course/e-	me and	resourc	reviewed	Co-	Princip	sal	Verified	Relev	
	book with	Course to	es web		Auth	al	Score		ant	
	no. of	which	link		ors	author			Docu	
	Pages	introduce				/Co			ments	
	ISSN/ISB	d				Author				
	N. if any									
1										
Subtotal (3)(c)(d)(iii)										

(3) (d) [iv] Editor of e-content for complete course/Paper/e-book: [10 points per course/Paper]

Sr.No.	Title of e	Name of	Specify	Weather	No. of	Whether	Self-	API	Page
	content	Programm	ICTs	Peer	Co-	Principa	Appr	Score	No. of
	Course/e-	e and	resource	reviewe	Autho	1	aisal	Verified	Releva
	book with	Course to	s: web	d	rs	author/	Score		nt
	no. of Pages	which	link			Co			Docu
	ISSN/	Author			ments				
	ISBN. if any	d							
1									
		(c)(d)(iv)							
	Tota	(3)(d)(iv)							
		c) + (3)(d)	00						

(4) Research Score:

(4) (a) Research guidance: [Ph.D.: 10 points per degree awarded & 5 per thesis submitted) (M.Phil./PG dissertation: 2 points per degree awarded)

Sr. No.	Degree	Number of Candidate Enrolled	No. of thesis submitted with dates	No. of Candidat e Degree Awarde d with dates	Self Appraisal Score	API Score Verified	Page No. of Relevant Documents
1	M.Phil./P.G Dissertation						
2	Ph.D.						
		Subtotal (4)((a)		00		

(4) (b) Research Projects Completed: A: More than 10 lakhs (10 points per project) B: less than 10 lakhs (5 points per project)

Sr. No	Types of Project: A/B	Title of project	Spons ored agenc y	Date of Completi on	Wheath er Co-PI	Grant Received (Rs)	Self Apprais al	API Score Verifie d	Page No.Of Relevant Documen ts
1									
			Subtot	al (4)(b)					

(4) (c) Research Projects Ongoing: A: More than 10 lakhs (5 points per Project) B: less than 10 lakhs (2 points per project)

Sr No	Types of Project :A/B	Title of project	Spons ored agenc y	Date of Completi on	Wheth er Co- PI	Grant Received(Rs)	Self Apprai sal	API Score Verifi ed	Page No. of Relevant Document
1	Minor resear ch Projec rt	Synthe sis charac terizat ions and catalyc activit y of spinel based magne stic nano particl e	BAM U Univ ersity Aura ngab ad				02		
					Su	btotal (4)(c)	02		

(4) (d) Consultancy:

Sr.No.	Title	Sponsored	Date of	Amount	Self	API	Page No. of
	Consultancy	Agency	Starting	Mobilized	Appraisal	Score	Relevant
	Project			(Rs. Lakh)	Score	Verified	Documents
1							
	To	tal (4): (4)(a) +	02				

(5) (a) Patents: [10 points per International Patents and 7 points per National patent]

Sr.	Title	Patent	Sponsored	Date of	International	Self	API	Page No.
No.	of	Number	Agency if	Award	/National	Appraisal	Score	of Relevant
	Patent		any			Score	Verified	Documents
	Project							
1								
				Subtotal (5)(a)				

(5) (b) Policy Document: (submitted to an International Body/ Organization like UNO/ UNESCO/ World Bank/International Monetary Fund etc or Central or State government) **A:International** (10 points per policy document)

B:National (07 points per policy document) C:State (05 points per policy document)

Sr.	Title of	Name of	International/	Policy	Date of	Self	API	Page No. of
No	Policy	Submitte	National	Document	Accepta	Apprais	Score	Relevant
	Document	d	/State	Number	nce	al Score	Verifi	Documents
		Agency					ed	
1								
			otal (5)(b)					

(5) (c)* Awards/Fellowship:A: International:(07 points per policy document)

National: (07 points per policy document)

Sr.	Name of	Date of	International/	Name of	Self	API	Page No.
No	Award/F	Received	National	Awardees	Appraisal	Score	of
	ellowshi			Academic	Score	Verified	Relevant
	р			Body/Associati			Document
				on			s
1							

(6)* Invited lectures/Resource person/Paper Presentation in Seminars/Conferences/full paper in conference proceedings (paper presented in seminars/conferences and also published as full paper in conference proceedings'will be counted only once):

International(Abroad):(07points per seminar/conferences)

International(Within country): (05 points per seminar/conferences)

National: (03 points per seminar/conferences)

State/University Level: (02 points per seminar/conferences)

(6)* Invited lectures/Resource person/Paper Presentation in Seminars/ Conferences/full paper in conference proceedings.

Sr.	Title of	Title of	Mode of	Name of	Whethe	Self	API	Page
No	Presentation in	Conferenc	Present	Organizer	r	Appra	Score	No. of
	Academic	e	ation	G	Internat	isal	Verifi	Releva
	session	/Seminar	invited		ional	Score	ed	nt
			Lectures		(abroad)			Docum
			/Resour		Internat			ents
			ces		ional			
			person		(within			
			/Paper		Country			
			Present)/Nation			
			ation		al/			
					State/			
					Univers			
					ity			
					Level			
					Total ()	00		

UNDERTAKING

I, **Dr. VITHAL VINAYAK**, undertake that the information provided is correct as per records submitted by me to college/Institute/University and documents enclosed along with the duly filled in PBAS Proforma.

Date: / /2021

Place: Omerga Signature of the faculty with Designation

Date: / /2021

Place: Omerga Signature of Head of Department

Date: / /2021

Place: Omerga Signature of Director-IQAC

Signature of Principal

N.B.: The individual PBAS Performa duly filled along with all enclosures, submitted for CAS Promotions will be verified by the college/Institute/University as necessary and placed before the screening cum Evaluation Committee or selection Committee for Assessment Verification.