

Self-Assessment-Cum-Performance Appraisal Forms
API - PBAS Proforma

Name of the Institute/College _____

**Veer Wajekar A.S.C. College, Phunde,
Tal. Uran, Dist. Raigad, 400702**

Name of Department- Chemistry

**Under CAS Promotion for : Stage 8 to Stage 9
For**

Faculty of Science

Reference: i) The Gazette of India: Extraordinary, Part III Section 4 dated 18th July, 2018
ii) Government of Maharashtra Misc. – 2018.CR 56/18/ UNII date 8th March, 2019
iii) Government of Maharashtra Misc. – 2018.CR 56/18/ UNII date 10th May, 2019

ACADEMIC YEAR: 2021-22

PART A: GENERAL INFORMATION AND ACADEMIC BACKGROUND

- | | | |
|---|---|--|
| 1 | Name (in Block Letters) | : DR. SUNIL GANGADHAR JAGADHANI |
| 2 | Department | : Chemistry (Organic) |
| 3 | Current Designation & Academic Level | : Assistant Professor (Level 8) |
| 4 | Date of last Promotion | : 26/04/2019. |
| 5 | Current position and Academic Level of an applicant under CAS | : Level 8-level 9 |
| 6 | The designation and grade pay applied for under CAS | |
| | Associate Professor (Level 09) | |
| 7 | Date of eligibility for promotion | : 26/04/2022 |
| 8 | Address (with Pin code) | : 'SAIDHAN', Vaibhavlaxmi Society
At. Mhatwali, Nagaon road,
At. Uran, Tal. Uran, Dist. Raigad
Pin-400702 |
| | Telephone / Mobile No | :9175627642 |
| | E-mail | :suniljagadhani@gmail.com |



9 Academic Qualifications (from S.S.C. till Post-Graduation):

Examinations	Name of the Board / University	Year of Passing	Percentage of Marks Obtained	Division /	Subject
S.S.C.	Pune	1985	49.57	B	Mar, Hin, Eng. Sci, Math, Soc. Sci
H.S.C.	Pune	1987	50.83	B+	Mar, Eng. Phy, Chem, Bio, Math.
B. Sc	Pune	1990	54.60	B	Chemistry
M.Sc.	Pune	1992	58.20	B+	Organic Chemistry

10 Research Degree(s):

Degrees	Title	Date of Award	Name of University
M. Phil.	--	--	--
Ph.D.	'Synthesis of Some Newer Heterocyclic Compounds by Conventional & Non-conventional Methods'	26/04/2010	Pune
D.Sc. / D.Litt./ Any other	--	--	--

11. Appointments held prior - joining this institution: (Please attach relevant certificates of service / experience)

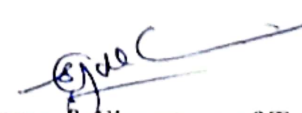
Designation	Name of Employer	Essential Qualifications for the post at the time of Appointment	Nature of Appointment (Regular/ Fixed term / Temporary / Adhoc)	Nature of Duties	Date of Joining	Date of Leaving	Salary with Grade	Reason of leaving
--	--	--	--	--	--	--	--	--

12. Posts held after appointment at this institution:

Designation	Department	Date of Joining		Grade Pay / Pay Matrix Level
		From	To	
Lecturer	Chemistry	01/09/1994	31/12/1995	2200-4000
Lecturer	Chemistry	01/01/1996	31/12/2005	7000-13500
Asst. Professor	Chemistry	01/01/2006	31/12/2015	15000-39000
Asst. Professor	Chemistry	01/01/2016	Till date	

13 Period of teaching experience**P.G. Classes (In Years): 11 Years****U.G. Classes (In Years): 27 Years****14 Research Experience excluding years spent in M. Phil. / Ph. D. (In Years): 12 Years****15 Fields of Specialization under the Subject / Discipline: Heterocyclic Synthesis****16 Human Resource Development Center Orientation / Refresher Course / FDP/ MOOC / One-Two week courses attended so far:**

Name of the Course	Place	Duration	Name of Organizer
Orientation Programme	Mumbai University	21/2/2000 To 23/3/2000	Academic Staff College, University of Mumbai
Refresher Programme	Mumbai University	1/10/2001 To 24/10/2001	Academic Staff College, University of Mumbai
Refresher Programme	Pune University	7/03/2012 To 27/03/2012	Academic Staff College, Pune University
Refresher Programme	Pune University	03/10/13 to 23/10/2013	Academic Staff College, Pune University
Faculty Development Programme for Senior Faculty of Science.	Pemraj Sarada College , Ahmednagar	19/5/2014 to 25/5/2014	Academic Staff College, Pune University
Faculty Development Programme "Open Source tools for Research"	Ramanujan College, University of Delhi	08/06/2020 to 14/06/2020	Ministry of Human Resource & Development
Faculty Development Programme Development of Careers in Higher Educations in India in 21 st Century	St. Jones College, Agra	23/06/2020 to 27/06/2020	A Centre of MHRD Guru Angad Dev Teaching Learning Centre
Faculty Development Programme Data Analysis and Visualization	Teaching Learning Centre, Ramanujan College, University of Delhi.	08/07/2021 to 14/07/2021	Pandit Madan Mohan Malaviya, National Mission on Teachers & Teaching



Name & Signature of Teacher


PART B: ACADEMIC PERFORMANCE INDICATORS (API):

Based on the teacher's self-assessment, API scores are proposed for (1) teaching related activities; domain knowledge; (2) Involvement in University / College student's related activities / research activities. The minimum API score required by teachers from this category is different for different levels of promotion. The self- assessment score should be based on objectively verifiable records. It shall be finalized by the Screening Cum Evaluation / Selection Committee. University may detail the activities, in case institutional specificities require, and adjust the weightages without changing the minimum total API scores required under this category

Table 1
Assessment Criteria and Methodology for University/College Teachers

1. Teaching					
Category	Name of Activity	Unit of Calculation		Self-Appraisal Grading For Assistant Professor/ Associate Professor/ Professor i) Good: 80 % & above ii) Satisfactory :Below 80% but 70% & above iii) Not satisfactory: Less than 70%	Verified API Grading by Committee
		Actual Class spent per year	% of Teaching		
	(1)	(2)	(3)	(4)	
1	Teaching: (Number of classes taught/total classes assigned) x100% (Classes taught includes sessions on tutorials, lab and other teaching related activities) (Teaching: Black board Teaching: ICT based Practical / Laboratory Tutorials / Assignments / Project, Field Work Group Discussion, Seminars Remedial Teaching, Clarifying doubts within and outside the class hours Additional teaching to support counseling and mentoring)	Theory T.Y.-120 S.Y.-30 F.Y.-30 Practicals- T.Y.-80 S.Y.-36 F.Y.-36 Others- T.Y.-30 S.Y.-20 F.Y.-20	Theory- 100% Practicals 100% Others- 80 %	Above 80 %	
	Total Actual hours spent				
2. Involvement in the University/College students related activities/research activities					
2	Activities	Total days Spent per year		Self-Appraisal Grading For Assistant Professor / Associate Professor / Professor i) Good : Involved in at least 3 activities ii) Satisfactory :1-2 activities iii) Not-satisfactory: Not involved undertaken any of the activities Note: Number of activities can be within or across the broad categories of activities	Verified API Grading by Committee
	(1)	(2)	(3)		
	(a) Administrative responsibilities such as Head, Chairperson/ Dean / Director /IQAC Coordinator/ different t committees/ Warden, etc.	Chairman- Examination Committee & Students Council Member- Discipline Committee	Good		

(b) Examination and evaluation duties assigned by the college / university or attending the examination paper evaluation. (i) Question Paper Setting ii) Invigilation/ Supervision iii) Flying Squad iv) CS/ ACS/ Custodian v) CAP Director/ Assistant Director vi) Unfair Menace Committee vii) Grievance Committee viii) Internal Assessment ix) External Assessment x) Re-valuation xi) Result Preparation (College Level for Internal Assessment) xii) RRC/ RAC Committee xiii) M. Phil., Ph. D. Thesis evaluation (any other)	Examination Duties- 1. Question Paper Setting 2. Evaluation 3. CAP Asst. Director, 4.Result Preparation	Good	
(c) Student related co-curricular, extension and field based activities such as student clubs, career counselling, study visits, student seminars and other events, cultural, sports, NCC, NSS and community services.	1 Study Visits 2 Career Counselling	Good	
d) Institutional Governance / Participation in State/ Central bodies/ Committee on education, Research and National development etc. (Govt. Nominee/ Nodal officer/ Enquiry committee member/Inspection committee member/ state Govt. Workshop committee/Govt. CAS Committee/Subject expert/			
(d) Organizing seminars/ conferences/ workshops, etc and other college/university activities.	1 Organizing Comm. Member National Seminar	Good	
(e) Evidence of actively involved in guiding Ph.D. students i) No. of Registered candidate : ii) No. of Awarded Candidates:			
(f) Conducting Minor or Major Research Project sponsored by national or international agencies. i) Above 10 Lacs: ii) Below 10 Lacs			
(g) At least one single or joint publication in peer- reviewed or UGC list of Journals.	International Publication -02	Good	
Overall Grading: 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. Not Satisfactory: If neither good nor satisfactory in overall grading		Good	

Note: For the purpose of assessing the grading of Activity at Serial No. 1 and Serial No. 2, all such periods of duration which have been spent by the teacher on different kinds of paid leaves such as Maternity Leave, Child Care Leave, Study Leave, Medical Leave, Extraordinary Leave and Deputation shall be excluded from the grading

assessment. The teacher shall be assessed for the remaining period of duration and the same shall be extrapolated for the entire period of assessment to arrive at the grading of the teacher. The teacher on such leaves or deputation as mentioned above shall not be put to any disadvantage for promotion under CAS due to his/her absence from his/her teaching responsibilities subject to the condition that such leave/deputation was undertaken with the prior approval of the competent authority following all procedures laid down in these regulations and as per the acts, statutes and ordinances of the parent institution.

Table 2
Methodology for Institute Teachers for calculating
Academic / Research Score

(Assessment must be based on evidence produced by the teacher such as: copy of publications, project sanction letter, utilization and completion certificates issued by the University and acknowledgements for patent filing and approval letters, students' Ph.D. award letter, etc.,)

RESEARCH AND ACADEMIC CONTRIBUTIONS:

Based on the teacher's self-assessment, API scores are proposed for research and academic contributions. The minimum API scores required for teachers from this category are different for different levels of promotion in universities and colleges. The self-assessment score shall be based on verifiable records and shall be finalized by the screening cum evaluation committee for the promotion of Assistant Professor to higher grades and Selection Committee for the promotion of Assistant Professor to Associate Professor and Associate Professor to Professor and for direct recruitment of Associate Professor and Professor.

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

Sr. No.	Title of paper	Journal Name, Page nos., Vol. no., Issue no., Year of publication	ISSN / ISBN NO.	Impact Factor if any	No. of Co-Authors	Whether Principal Author / Supervisor/ Co-supervisor	Self-Appraisal Score	API Score Verified	Page No. of Relevant Documents
1	Synthesis & Characterization of Some Biologically Active Benzothiazepine Derivatives by using Mango Juice as a Green	International Journal of Novel Research & Development	ISSN: 2456-4184	--	00	Principal Author	13		
2	Study of Work Family Conflicts & Psychological Health of the Working Women in	Research Chronicle	2347-503X	--	00	Principal Author	13		
3	Synthesis, Characterization & Screening of Some Biologically Active Benzothiazepine Derivatives by using Mango Juice as an Eco-friendly Catalysts'	International Journal of Novel Research & Development	ISSN: 2456-4184			Principal Author	13		

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

(i) Books Published with ISSN / ISBN number

International Publisher: 12 points per Book for Single Author

National Publisher: 10 points per Book for Single Author,

etc. as per Appendix II Table 2 (GR:8/3/19)

Sr. No.	Title of Book with no. of pages	Publishers name with ISSN / ISBN NO.	International / National Publisher	No. of Co-Authors	Whether Principal Author / Co-Author	Self-Appraisal Score	API Score Verified	Page No. of Relevant Documents
1	NIL							
2								
Sub Total: (2)(a)(i):								

(2) (a)(ii) Chapter in Edited Book with ISSN / ISBN

(5 points per Chapter)

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

(2) (a) (iii) Editor of Book with ISSN / ISBN number**Editor of Book by International Publisher: 10 points per Book for Single Author****Editor of Book by National Publisher: 8 points per Book for Single Author**

Sr. No.	Title of Book with Page Nos.	Publisher Name & ISSN / ISBN NO.	International / National Publisher	No. of Co-Authors	Whether Principal Author / Co-Author	Self-Appraisal Score	API Score Verified	Page No. of Relevant Documents
1	NIL							
2								
Sub Total (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.	Original Title of Chapter or Research paper / Book with Page Nos. Nos. ISSN / ISBN NO.	Name Of Original Author	Translated Title of Chapter or Research paper / Book with Page Nos. ISSN / ISBN NO.	No. of Translated Co-Authors	Whether Principal Author / Co-Author	Self-Appraisal Score	API Score Verified	Page No. of Relevant Documents
1	NIL							
2								
Sub Total (2)(b)								
Total (2) : (2)(a)(i) + (2)(a)(ii) + (2)(a)(iii) + (2)(b)								

(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. No.	Title of Innovative pedagogy	Sponsored Agency if any	Types of Teaching-Learning Environments: Face-to-face/ Networked/ Open and distance/ Virtual / if any	Specify ICTs resources: web link : YouTube Videos-Audios/ Smart Classroom / Simulation Games/ Blogging/ Online Discussion Forums / Virtual Laboratories / Telecast / Picture / Models / Charts if any	Date of approval from authority	Date of Implementation	Self-Appraisal Score	API Score Verified	Page No. of Relevant Documents
1	NIL								
2									
Subtotal (3)(a)									

(3) (b) Design of new curricula and courses: (02 points per curricula / Course)

Sr. No.	Name of Programme where curricula introduced	Title of new curricula and courses	Specify ICTs resources: web link / You tube link: Audio/ Video/ Telecast / Picture / Models/Charts if any	Date of approval from authority	Date of Implementation	Self-Appraisal Score	API Score Verified	Page No. of Relevant Documents
1	NIL							
2								
Subtotal (3)(b)								

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

Sr. No.	Name of Programme where curricula introduced	Course Credits	Title of new MOOC curricula	Specify ICTs resources: web link / You tube link: Audio/ Video/ Telecast / Picture / Models/Charts if any	Date of approval from authority if any	Date of Implementation	Self-Appraisal Score	API Score Verified	Page No. of Relevant Documents
1	NIL								
2									
Subtotal (3)(c)(i)									

(3) (c) (ii) MOOCs (developed in 4 quadrant) per module/lecture (5points per module / lecture)

Sr. No.	Name of Programme & Course where curricula introduced	Course Credits	Title of new MOOC curricula	Specify ICTs resources: web link / You tube link: Audio/ Video/ Telecast / Picture / Models/Charts if any	Date of approval from authority	Date of Implementation	Self-Appraisal Score	API Score Verified	Page No. of Relevant Documents
1	NIL								
2									
Subtotal (3)(c)(ii)									

(3) (c) (iii) Content writer/subject matter expert for each module of MOOCs (at least one quadrant)
(2 points per curricula / Course)

Sr. No.	Name of Programme & Course where Content is introduced	Course Credits	Title of new MOOC Content curricula	Specify ICTs resources: web link / You tube link: Audio/ Video/ Telecast / Picture / Models/Charts if any	Date of approval from authority	Date of Implementation	Self-Appraisal Score	API Score Verified	Page No. of Relevant Documents
1	NIL								
2									
Subtotal (3)(c)(iii)									

(3) (c) (iv) Course Coordinator for MOOCs (4 credit course) (8 points per curricula / Course)
(In case of MOOCs of lesser credits 02 marks / credit)

Sr. No.	Name of Programme & Course	Course Credits	Title of MOOC curricula	Specify ICTs resources: web link / You tube link: Audio/ Video/ Telecast / Picture / Models/Charts if any	Date of approval from authority	Date of Implementation	Self-Appraisal Score	API Score Verified	Page No. of Relevant Documents
1	NIL								
2									
Subtotal (3)(c)(iv)									
Total (3)(c) : (3)(c)(i) + (3)(c)(ii) + (3)(c)(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. No.	Title of e-Content course/ e-book with no. of pages, ISSN / ISBN NO. if any	Name of Programme & Course to which introduced	Specify ICTs resources: web link	Whether Peer reviewed	No. of Co-Authors	Whether Principal Author / Co-Author	Self-Appraisal Score	API Score Verified	Page No. of Relevant Documents
1	NIL								
2									
Sub Total: (3)(d)(i)									

(3) (d) (ii) e-Content (developed in 4 quadrants) per module (5 points per module / Course)

Sr. No.	Title of e-Content module with no. of pages, ISSN / ISBN NO. if any	Name of Programme & Course to which introduced	Specify ICTs resources: web link	Whether Peer reviewed	No. of Co-Authors	Whether Principal Author / Co-Author	Self-Appraisal Score	API Score Verified	Page No. of Relevant Documents
1									
2									
Sub Total: (3)(d)(ii)									

(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-Content module with no. of pages, ISSN / ISBN NO. if any	Name of Programme & Course to which introduced	Specify ICTs resources: web link	Whether Peer reviewed	No. of Co-Authors	Whether Principal Author / Co-Author	Self-Appraisal Score	API Score Verified	Page No. of Relevant Documents
1	NIL								
2									
Sub Total: (3)(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-Content Course with no. of pages, ISSN / ISBN NO. if any	Name of Programme & Course to which introduced	Specify ICTs resources: web link	Whether Peer reviewed	No. of Co-Editors	Self-Appraisal Score	API Score Verified	Page No. of Relevant Documents
1	NIL							
2								

	Sub Total: (3)(d)(iv)			
	Total (3) (d): (3)(d)(i) + (3)(d)(ii) + (3)(d)(iii) + (3)(d)(iv)			
	Total (3): (3)(a) + (3)(b) + (3)(c) + (3) (d)			

(4) Research Score:

(4) (a) Research guidance: (Ph.D. : 10 points per degree awarded & 05 per thesis submitted)

Sr. No.	Sr. No.	Number of Candidate Enrolled	No. of Thesis Submitted with dates	No. of Candidate Degree Awarded with dates	Self-Appraisal Score	API Score Verified	Page No. of Relevant Documents
	M. Phil. / P.G. Dissertation	NIL					
	Ph.D.						
	Sub Total: (4)(a)						

(M. Phil. / P.G dissertation: 2 points per degree awarded)

(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.	Type of Project : A / B	Title of Project	Sponsored Agency	Date of Completion	Whether Co-PI	Grant Received (Rs.)	Self-Appraisal Score	API Score Verified	Page No. of Relevant Documents
1	NIL								
2									
	Sub Total: (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.	Type of Project : A / B	Title of Project	Sponsored Agency	Duration of Project	Date of Starting	Whether Co-PI	Grant Received (Rs.)	Self-Appraisal Score	API Score Verified	Page No. of Relevant Documents
1	NIL									
2										
	Sub Total: (4)(c)									

(4) (d) Consultancy: (3 points per Consultancy Project)

Sr. No.	Title of Consultancy Project	Sponsored Agency	Date of Starting	Amount Mobilized (Rs. Lakh)	Self-Appraisal Score	API Score Verified	Page No. of Relevant Documents
1	NIL						
2							
	Sub Total: (4)(d)						
	Total (4) : (4)(a) + (4)(b) + (4)(c) + (4)(d)						

(5) (a) Patents :

(10 points per International Patent and 7 points per National Patent)

Sr. No.	Title of patent Project	Patent Number	Sponsored Agency if any	Date of Award	International / National	Self-Appraisal Score	API Score Verified	Page No. of Relevant Documents
1	NIL							
2								
	Sub Total: (5)(a)							

(5) (b) *Policy Document (Submitted to an International Body/Organization like UNO/UNESCO/World Bank/International Monetary Fund etc. or Central Government or State Government)

A: International (10 points per Policy Document)

B: National (7 points per Policy Document)

C: State (4 points per Policy Document)

Sr. No.	Title of Policy Document	Name of Submitted Agency	International / National / State	Policy Document Number	Date of Acceptance	Self-Appraisal Score	API Score Verified	Page No. of Relevant Documents
1	NIL							
2								
Sub Total: (5)(b)								

(5) (c) Awards/Fellowship:

A: International (7 points per Awards/Fellowship)

B: National (5 points per Awards/Fellowship)

Sr. No.	Name of Award / Fellowship	Date of Received	International / National	Name of Awardees Academic Body / Association	Self-Appraisal Score	API Score Verified	Page No. of Relevant Documents
1	NIL						
2							
Sub Total: (5)(c)							
Total (5) : (5)(a) + (5)(b) + (5)(c)							

(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): (7 points per Seminars/ Conferences)

International (within Country): (5 points per Seminars/ Conferences)

National: (3 points per Seminars/ Conferences)

State / University Level: (2 points per Seminars/ Conferences)

Sr. No.	Title of Presentation in Academic Session	Title of Conference / Seminar	Mode of Presentation: Invited lectures / Resource Person / Paper presentation	Name of Organizer	Whether International (Abroad) / International (within Country) / National / State / University Level	Self-Appraisal Score	API Score Verified	Page No. of Relevant Documents
1	Synthesis & Characterization of Some Biologically active 1,,5-Benzo-thiazepines Derivatives by using Mango Juice as a Green Catalyst.	Advance s in Material Sciences and Recent Trends in Bioscience & Informational Technol	Paper Presentation (Oral)	Mahatma Phule A.S.C. College, Panvel	International within the country.	05	05	

2	'Synthesis of Some Benzothiazepine Derivatives by using Mango Juice as a Green Catalyst'	Two days online international conference on advances in chemical and physical sciences for the sustainable development (ICACPSS)	Paper Presentation (Oral)	Loknete gopinathji mundel Arts, Commerce and Science College, Mandangad	International within the country.	05	05	
Total (6) :								

Note: The Research score for research papers would be augmented as follows: Peer-Reviewed or UGC-listed Journals (Impact factor to be determined as per Thomson Reuters list): i) Paper in refereed journals without impact factor - 5 Points ii) Paper with impact factor less than 1 - 10 Points iii) Paper with impact factor between 1 and 2 - 15 Points iv) Paper with impact factor between 2 and 5 - 20 Points v) Paper with impact factor between 5 and 10 - 25 Points vi) Paper with impact factor >10 - 30 Points

a) Two authors: 70% of total value of publication for each author.

b) More than two authors: 70% of total value of publication for the First/Principal/Corresponding author and 30% of total value of publication for each of the joint authors.

Joint Projects: Principal Investigator and Co-investigator would get 50% each.

Note:

- Paper presented if part of edited book or proceeding then it can be claimed only once.
- For joint supervision of research students, the formula shall be 70% of the total score for Supervisor and Co-supervisor. Supervisor and Co-supervisor, both shall get 7 marks each.
- *For the purpose of calculating research score of the teacher, the combined research score from the categories of 5(b), Policy Document and 6. Invited lectures/Resource Person/Paper presentation shall have an upper capping of thirty percent of the total research score of the teacher concerned.
- The research score shall be from the minimum of three categories out of six categories.

Summary of Table 2 Academic / Research Score

Details of Academic & Research activities	Self-Appraisal Score	API Score Verified by Committee	Remarks
(1) Research Papers in Peer-Reviewed or UGC listed Journals	39		
(2) Publications (other than Research papers)	00		
(3) Creation of ICT mediated Teaching Learning pedagogy and content and development of new and innovative courses and curricula	00		
(4) Research guidance/ Projects Completed / Projects Ongoing/ Consultancy	00		
(5) Patents / Policy Document / Awards/Fellowship	00		
(6) Invited lectures / Resource Person/ paper presentation in Seminars / Conferences/full paper in Conference Proceedings	10		
Grand Total of Table 2	49		

IV SUMMARY OF API SCORES:

Category	Criteria	Annual API Score
Table 1	Activities: Overall Grading 1. Teaching 2. Involvement in the University / College students related activities / research activities	Good
Table 2	Academic/Research Score	49

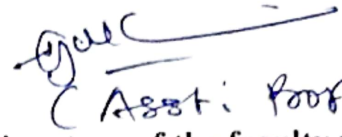
List of Enclosures: (Please attach copies of certificates and / or letters sanction orders, papers etc. wherever Necessary)

UNDERTAKING

I **DR. S. G. JAGADHANI** undertakes that the information provided is correct as per records submitted by me to Institute and documents enclosed along with the duly filled in PBAS Proforma.

Date : 25/03/2022

Place : Phunde


(Asst. Professor)
Signature of the faculty with
Designation

Date : 25/03/2022

Place : Phunde


Signature
Head of Department

Verified by IQAC

Date :

Place :


Signature
Coordinator - IQAC
IQAC Coordinator
Veer Wajekar A.S.C. College,
Phunde, Tal. Uran, Dist. Raigad.


Signature of Director/Principal
Principal
Veer Wajekar ASC College
Phunde, Tal. Uran, Dist. Raigad.
Ph-400702

N.B. : The individual PBAS Performa duly filled along with all enclosures, submitted for CAS promotions will be verified by the Institute as necessary and placed before the Screening Cum Evaluation Committee or Selection Committee for Assessment Verification.

Observation and remark of the Chairperson of the Selection Committee :

Place : Mumbai

Date : _____

Signature of the Chairperson of the Screening cum
Evaluation Committee or Selection Committee & also
members of the committee

<u>Sr. No.</u>	<u>Names of Screening cum Evaluation Committee Members</u>	<u>Designation</u>	<u>Signatures</u>
1		Governing Body Nominee	
2		Joint Director	
3		V.C. Nominee as Subject Experts	
4		V.C. Nominee as Subject Experts	
5		Principal	
6		Senior / Head of the Dept.	

International Publications

r. o	Title of the paper	Name of the Author	Name of the Journal	Year of Publication	ISSN/IS BN No.	Marks	API Score
	Study of Work Family Conflicts & Psychological Health of the Working Women in 21st Century	Dr. Jagadhani S. G.	Research Chronicler	March-2022	2347-503X	8+5=13	13
	'Synthesis & Characterization of Some Biologically Active Benzothiazepine Derivatives by using Mango Juice as a Green Catalyst'	Dr. Jagadhani S. G.	International Journal of Novel Research & Development	April-2022	ISSN: 2456-4184	8+5	13
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Paper Presented at International Conference

r. o	Title of the paper	Name of the Author	Name of the Conference	Place	Year	Marks
	Synthesis & Characterization of Some Biologically active 1,,5-Benzo-thiazepines Derivatives by using Mango Juice as a Green Catalyst.	Dr. Jagadhani S. G.	Advances in Material Sciences and Recent Trends in Bioscience & Informational Technology- ICAMSBSIT-2022	Mahatma Phule A.S.C. College, Panvel	Feb.-2022	05
	'Synthesis of Some Benzothiazepine Derivatives by using Mango Juice as a Green Catalyst'	Dr. Jagadhani S. G.	Two days online international conference on advances In chemical and physical sciences for the sustainable development (ICACPSSD- 2022)	Loknete gopinathji munde Arts, Commerce and Science College, Mandangad	April-2022	05



'Synthesis, Characterization & Screening of Some Biologically Active Benzothiazepine Derivatives by using Mango Juice as an Eco-friendly Catalyst'

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Veer Wajekar A.S.C. College, Phunde, Tal. Uran, Dist. Raigad.

ABSTRACT

Benzothiazepines shows versatile biological activities. Raw mango juice is used as a Eco-friendly catalyst for the many heterocyclic synthesis. The chalcone (1mmol) was dissolved in dry methanol with 2-aminothiophenol. The reaction is catalyzed by raw mango juice. The reaction mixture was refluxed for 4-5 hrs and allowed to cool overnight. Yellow solid was obtained which was further washed with methanol to give corresponding 1, 5-benzothiazepines.

Key words: Raw mango juice, Chalcones, Benzothiazepines, Eco-friendly catalyst.

INTRODUCTION

1, 5-Benzothiazepine derivatives have been studied extensively over the last four decades and widely used clinically as antidepressants¹ & antihypertensive agent.²

In 1963 Krapcho and co-workers³ synthesized 2,3-dihydro and 2,5-dihydro-1,5-benzothiazepine-4(5H)-ones. The ability of these compounds to calm rats with lesion in the septal areas of the brain is a useful method for evaluation of psychosedative properties.

1,5-Benzothiazepine derivatives are found to possess tranquilizing,⁴ antispasmodic⁵ and antibacterial⁴ activities,

it also possess antifungal⁶ and antitumor⁷ activities.

1,5-Benzothiazepine derivatives showed antiallergic and antidepressant⁸⁻¹⁰ activities upon substitution at the site of the amino-nitrogen or aliphatic carbon.

Mango juice is completely ecofriendly catalyst which is used for the synthesis of some important heterocyclic compounds. It is easily available, non-toxic and environmentally benign and safe for the human health. Raw mango juice is completely bio-degradable & eco-friendly catalyst. Now a days it is used for very few organic syntheses. We have synthesized

Study of Work-Family Conflicts and Psychological Health of the Working Women in 21st Century

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Abstract

The working women if unable to maintain the balance between work & family then the results can be very serious. Due to Competition, increase in responsibility, time and demand of the job has increased the imbalance in life of working women, though she is a responsible person in the family women has no time for their family and relatives. Keeping all this in mind the researcher has tried to study on the work family conflicts and psychological health issues caused by the work life imbalance of the working women in India.

Key Words: Women in 21st Century, Work- family conflicts, Psychological Health

Introduction

Work-family conflict is a conflict that occurs as a result of role pressures from the work and family domains. Work role characteristics that are associated with work demands, excessive workload and time pressure. (Deepa Katiyal & Khushboo Jain, 20019)

Work family conflicts leads to many health problems which can be physical and psychological. The physical health problems are momentary but psychological issues have long impact on not only the job but also on the day to day life of the individual. Psychological problems can be the loss of confidence, loss of sleep, loss of concentration, depression, thyroid, diabetes etc.

It is the more critical for working women who need to strike a balance between family and work. Often working women face the guilt of being stuck in a work when unable to handle the responsibilities for her child, husband and relatives. She is always afraid about one of those days when the kid nonchalantly declares that

you are not caring mother. In the hustle of keeping a balance between family and work, working women need to make a choice every time. And making a choice is the most difficult thing, the hardest part is living the choices amidst the everyday guilt, judgement and the chaos of daily life (Behera & Padhi, 1993)

Literature survey

The survey tells us that, some mental health concerns commonly experienced by working women are depression, anxiety, eating disorders, borderline personalities and mood related challenges which directly affect the familiar life of the working women and creates family conflicts.

Women report significant difficulties in balancing their work and family life due to the lack of sufficient time, support from their husbands, and cultural norms and gender biases in the workplace.

A heavy workload at work place can easily create stress depending on the location and conditions employees must endure. Overbearing bosses and managers and



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S. G. Jagadhani

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ABSTRACT

Raw mango juice is used as a green catalyst for the many heterocyclic synthesis. The chalcone (1mmol) was dissolved in dry methanol and 2-aminothiophenol was added. The reaction is catalyzed by raw mango juice. The reaction mixture was refluxed for 4-6 hrs and allowed to cool overnight. Yellow solid was obtained which was further washed with methanol to give corresponding 1, 5-benzothiazepines.

Key words: Raw mango juice, 1,5-Benzothiazepines, green catalyst.

INTRODUCTION

Nowadays, seven and eight membered heterocyclic ring compounds are receiving significant consideration due to the existence of their structural units in some natural products.¹ Thiazepines are substituted heterocycles having nitrogen atom in their moiety by replacing a carbon in the seven-membered heterocyclic ring. According to the position of nitrogen, one can distinguish 1,2, 1,3 and 1,4-thiazepine.

Organic synthetic chemistry is now a fast-growing research field in chemistry from last two decades. Among the various organic compounds, heterocyclic compounds have been associated with various biological activities. Due to ease of

preparation and bioactivity connected with heterocycles, a number of researchers are interested into the study of this compounds. Benzothiazepines are heterocyclic compounds containing nitrogen and Sulphur have received considerable attention in recent years, which are of great interest in the area of drug discovery and development due to their broad spectrum of Biological activity. 1,5-Benzothiazepines are seven membered bicyclic heterocyclic compounds with one nitrogen and one Sulphur atom at 1 and 5 positions.

1, 5-Benzothiazepines derivatives have been examined extensively over the last three decades and widely used clinically as antidepressants² and antihypertensive



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This is to certify that Mr. /Mrs. /Dr. /Prof. SUNIL GANGADHAR JAGADHANI of VEER WAJEKAR ASC COLLEGE, SHINDE, URAN has participated in Two days International E-Conference on "Advances In Chemical & Physical Sciences For Sustainable Development" (ICACPSSD-2022) from 28th to 29th April 2022 organized by Department of Chemistry & Physics, Loknete Gopinathji Munde Arts, Commerce and Science College Mandangad. He/ She presented a paper entitled SYNTHESIS OF SOME BENZOTHAZEPINE DERIVATIVES BY USING MANGO JUICE AS A GREEN CATALYST in the conference.

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