

## SHIVAJI UNIVERSITY, KOLHAPUR

## ANNUAL SELF-ASSESSMENT FOR THE PERFORMANCE BASED APPRAISAL SYSTEM

(ACADEMIC YEAR: 2018-2019 [Period from 15 June 2018 to 30 April 2019])

*(Introduced as per U.G.C. Notification 11th July, 2016 approved by Govt. of Maharashtra State vide**G.R. dated 04th March, 2017)***(ACADEMIC YEAR - 2018 - 2019)****PART A: GENERAL INFORMATION AND ACADEMIC BACKGROUND**

- Name of College : Vivekanand College, Kolhapur
1. Name (in Block Letters) : GANESH JANARDAN NAVATHE
2. Father's Name/Mother's Name : JANARDAN VISHNU NAVATHE
3. Department : PHYSICS
4. Current Designation & AGP : ASSISTANT PROFESSOR,  
15600-39100 (AGP 6000)
5. Date of Last Promotion : 15<sup>th</sup> JUNE 2016
6. Address for correspondence (with Pin code): PLNO.54E WARD FLNO.301JUI  
APARTMENT RAJENDRANAGAR  
KOLHAPUR 416008
7. Permanent Address (with Pin code) : PLNO.54E WARD FLNO.301JUI  
APARTMENT RAJENDRANAGAR  
KOLHAPUR 416008
- Telephone No. (Res.) and (Cell) : 9890220206
- Email : navatheganesh@gmail.com
8. Whether acquired any degree or fresh academic qualification during the year: N.A.
9. Academic Staff College Orientation / Refresher Course/ ISTE - AICTE Sponsored STTP/SBP attended during the year. N.A.

Name of the Course/ Summer School	Place	Duration	Sponsoring Agency

## PART B: ACADEMIC PERFORMANCE INDICATORS

### CATEGORY I: TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

#### a. Direct teaching

##### a. i. Classroom teaching lectures, seminar (As per allocation)

Sr. No.	Course/ Paper	Level	Mode of Teaching*	Hours/ Periods per week allotted		No. of Periods / Hours engaged per annum	Actual Score (Actual hours spent per academic year $\div$ 7.5/ 7.75/7.75)
				Per Week	Per Annum		
1	Paper I, Paper II	B.Sc. I	L	3	120	120	16.0
1	Paper I, Paper II (Astro)	B.Sc. II	L	1	40	40	5.33
2	Paper III , Paper IV	B.Sc. II	L	1	40	40	5.33
3	Paper X, Paper XIV	B.Sc. III	L	3	120	120	16.0

\*Lecture(L), Seminar(S)

##### a. ii. Classroom teaching (including lectures, seminar) in excess of UGC norms (as per allocation)

Sr. No.	Course / Paper	Level	Mode of Teaching*	Hours / Periods per week engaged	Actual Score (Actual hours spent per academic year $\div$ 7.5/ 7.75/7.75)

\*Lecture(L), Seminar(S)

##### a. iii. Tutorials and Practicals, Field work, Project Supervision (Actual as per student attendance register)

Sr. No.	Course / Paper	Tutorials/ Practical/ Field work/ Project supervision	Mode of Teaching*	Hours / Periods per week engaged	Actual Score (Actual hours spent per academic year $\div$ 7.5/ 7.75/7.75)
1	B.Sc. -III Practicals	Practical	Lab Practice	6	32
2	B.Sc.-II Practicals	Practical	Lab Practice	6	32
3	B.Sc. III	Seminar	Lab Practice	1	5.33

Sub Total a. Direct Teaching Max. Score 70/60 Actual Score – a i+ii+iii = 42.66 + 0 + 69.33 = 111.99



## v) Examination Duties:

Sr. No.	Type of Duties	Dates From---- to----	Actual Hours Spent	Actual Score (Actual hours spent per academic year $\div$ 10)	Page No.
1	Controller of Autonomous College	OCT -18 Exam Sem-I (20/10/2018 to 20/11/18)	400	40	
2	COE	Make up PG Exam Jan-19	100	10	
3	COE	March-19 Exam Sem- I & II	500	50	
4.	Practical Examiner of B.Sc. II Asrtphysics at YC Satara	2/4/19 to 4/4/19	12	1.2	
5.	Practical Examiner of B.Sc. III at Sarud College	17/3/19 to 20/3/19	18	1.8	
6.	Practical Examiner of B.Sc. III at SNST, Shivaji University Kop.	29/3/19 to 30/3/19	12	1.2	
<b>Totl Actual Score</b>				<b>104.2</b>	

## c. Innovative Teaching –

Sr. No.	Nature of Activity	Max Score	Actual hours spent per academic year	Actual Score (Actual hours spent per academic year $\div$ 10)
	<ul style="list-style-type: none"> <li>• Learning Methodologies</li> <li>• Use of innovative methodologies for teaching</li> <li>• Use of ICT</li> <li>• Updating of subject content</li> <li>• Course improvement</li> <li>• Preparation of study material (90 hr)</li> <li>• Interaction with entrepreneur / social worker</li> <li>• Mentoring</li> <li>• Participative teaching (10 hr)</li> <li>• Role playing</li> </ul>		100	10
	<b>Sub total (max score 10)</b>	10/15/20		
	<b>Total of Category I Max score</b>	100/95/90		111.99 + 104.2 + 10 = 226.19
	<b>Minimum API score required for Category I *</b>	80/75/70		

## CATEGORY II

CATEGORY II - CO- CURRICULAR, EXTENSION, PROFESSIONAL  
DEVELOPMENT RELATED ACTIVITIES (Year wise)

Sr. No.	Type of Activity	Max API Score	Actual Score	Verified API Score	Page No.
a	Student related co-curricular, extension and field-based activities. i. Discipline related co- curricular activities organized • Study tour to Science Centre Bangalore ( 120hrs) • Student seminar (76 hrs)	15	15		
	ii. Other co-curricular activities • Co-ordinator for National Graduate Physics Examination(NGPE) for academic year 18-19 (15hrs) • Co-ordinator for Basic Instrumentation Course In Physics for academic year 18-19( 30hrs )				
	iii. Extension and dissemination activities				
B	Contribution to corporate life and management of the department and institution through participation in academic and administrative committees and responsibilities. i. Administrative responsibility • Finance Committee member • Election Duty • BOS member	15	15		
	ii. Participation in • Member of Master preparation of Admission committee				
C	Professional Development activities • Participated in National and International seminar (8*2=16hrs) As treasurer for National seminar on Nanoscience	15	2.0		
	<b>Total of Category II Max score</b>	<b>45</b>	<b>32</b>		
	Minimum API score required for Category II (for Assessment period)	*50/50/50 /50/100			

VERIFIABLE CRITERIA: 1) Academic Dairy, 2) Bio Metric Generated Slips, 3) Attendance sheets, 4) Certification by HOD / Principal, 5) Supporting Documents



### CATEGORY III

#### RESEARCH AND ACADEMIC CONTRIBUTIONS

A. i. a) Published Papers in Refereed Journals as notified by the UGC\* (25 points per publication)

Sr. No.	Title with page nos.	Journal	ISSN / ISBN No.	Impact Factor, if any	No. of co-authors	Whether principal author / corresponding author / Guide	Self-Appraisal Score	API Score Verified	Page No.
1									
Sub Total A (i)									

Published Papers in Other Reputed Journals as notified by the UGC\* (10 points per publication).

N.A.

Sr. No.	Title with page nos.	Journal	ISSN / ISBN No.	Impact Factor, if any	No. of co-authors	Whether principal author / corresponding author / Guide	Self-Appraisal Score	API Score Verified	Page No. of relevant documents
Sub Total A (i)									

III B) Publications other than journal articles (books, chapters in books) N.A.

i) Text/Reference, Books published by International Publishers, with ISBN/ISSN number as approved by the University and posted on its website. The List will be intimated to UGC. (30 Points per Book for Single Author)

Sr. No.	Title with page nos.	Type of Book & Authorship	Publisher & ISSN / ISBN No.	Whether peer reviewed.	No. of co-authors	Whether principal author / corresponding author / Guide	Self-Appraisal Score	API Score Verified	Page No. of relevant documents
Sub Total B i)									

ii) Subject Books, published by National level publishers, with ISBN/ISSN number or State / Central Govt. Publications as approved by the University and posted on its website. The List will be intimated to UGC. (20 Points per Book for Single Author)

Sr. No.	Title with page nos.	Type of Book & Authorship	Publisher & ISSN / ISBN No.	Whether peer reviewed.	No. of co-authors	Whether principal author / corresponding author / Guide	Self-Appraisal Score	API Score Verified	Page No. of relevant documents
Sub Total B ii)									

iii) Subject Books, published by other local publishers, with ISBN/ISSN number as approved by the University and posted on its website. The List will be intimated to UGC. (15 Points per Book for Single Author)

Sr. No.	Title with page nos.	Type of Book & Authorship	Publisher & ISSN / ISBN No.	Whether peer reviewed.	No. of co-authors	Whether principal author / corresponding author / Guide	Self-Appraisal Score	API Score Verified	Page No. of relevant documents
1	Practical course in Physics	Lab Manual	Nirali Prakashan ISBN 978-93-88194-57-0	-	4	-	3.75	-	-
Sub Total B iii)									

iv) Chapters in Books published by National and International level publishers, with ISBN/ISSN number as approved by the University and posted on its website. The List will be intimated to UGC. (International -10 points per Chapter National – 5 Points per Chapter)

Sr. No.	Title with page nos.	Type of Book & Authorship	Publisher & ISSN / ISBN No.	Whether peer reviewed.	No. of co-authors	Whether principal author / corresponding author / Guide	Self-Appraisal Score	API Score Verified	Page No. of relevant documents
Sub Total B iv)									

Total B ( i+ii+iii+iv)	3.75
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### III C) Research Projects:

#### III C) i) Sponsored Projects:

- A) Major projects: grants above Rs.30 lakhs for Engineering/ sciences & above Rs.5 lakhs for others, 20 points per project,  
 B) Major project: grants above Rs. 5 lakhs up to Rs. 30 lakhs for Engineering/ science and Rs.3 lakhs minimum to Rs. 5 lakhs for others, 15 points per project,  
 C) Minor project: grants above Rs.1 lakhs up to Rs. 5 lakhs for Engineering/ sciences & above Rs.1 lakhs up to Rs. 3 lakhs for others, 10 points per project,

Sr. No.	Type of Project	Agency	Year of Completion	Whether Co-PI	Grant / (Rs. In Lakh)	Self-appraisal Score	API Score Verified	Page No. of relevant documents
Sub Total C (i)								

#### III C) ii) Consultancy Projects: N.A.

(Amount mobilized with minimum Rs.10 lakhs for Engineering/ sciences & minimum of Rs.2 lakhs for others, 10 points for every Rs 10 lakhs & Rs. 2 lakhs. respectively)

Sr. No.	Type of Project	Agency	Year of Completion	Whether Co-PI	Grant / (Rs. In Lakh)	Self-appraisal Score	API Score Verified	Page No. of relevant documents
Sub Total C (ii)								



**III C (iii) Projects Outcome/Output:**

Patent / Technology transfer / Product process

Major Policy document prepared for international bodies like WHO/UNO/UNESCO/UNICEF etc.

Central / State Govt./Local Bodies(30 for each International / 20 for each national level output or

patent. Major policy document of International bodies - 30 Central Government – 20, State Govt.-

10 Local bodies – 5)

Sr. No.	Name of Project	Funding Agency	Whether Co-PI	Amount Mobilized (Rs.)	Self-appraisal Score	API Score Verified	Page No. of relevant documents
<b>Sub Total C (iii)</b>							

<b>Total C (i+ii+iii)</b>	
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**III (D) Research Guidance (In the case of joint supervision points are to be equally shared):**

(For M.Phil. degree awarded 3 points per candidate, Ph.D. degree awarded 10 points per candidate.

Ph.D. thesis submitted 7 points per candidate) N.A.

Sr. No.	Number Enrolled	Thesis Submitted	Degree Awarded	API Score Claimed by the Candidate	API Score Verified	Page No. of relevant documents
M. Phil. or Equivalent						
Ph. D. or Equivalent						
<b>Sub Total D</b>						

III E Fellowships, Awards and Invited lectures delivered in conferences / seminars

III E (i) Fellowships/ Awards

A. International Award /Fellowship from academic bodies/associations -15 per Award / 15 per Fellowship.

B. National Award/Fellowship from academic bodies/associations -10 per Award / 10 per Fellowship.

C. State/University level Award from academic bodies/associations -5 per Award

Sr. No.	Fellowship / Award	Level International /National / State / University	Awardee Academic Body/ Association	API Score Claimed by the Candidate	API Score Verified	Page No. of relevant documents
Sub Total E (i)						

III E (ii) Invited lectures / papers International level 7 per lecture, National level 5 per lecture, State / University level 3 per lecture

a. Invited lectures

Sr. No.	Title of the Lecture / Academic Session	Title of the Conference / Seminar, etc.	Organized by	Whether International / National	API Score Claimed	API Score Verified	Page No. of relevant documents
Sub Total E (ii)							

III E (ii) Invited lectures / papers International level 7 per lecture, National level 5 per lecture, State / University level 3 per lecture

a. Invited lectures

Sr. No.	Title of the Lecture / Academic Session	Title of the Conference / Seminar, etc.	Organized by	Whether International / National	API Score Claimed	API Score Verified	Page No. of relevant documents
Sub Total E (ii)							

(ii) Invited lectures / papers International level 5 per paper, National level 3 per paper, State University level 2 per paper

a. Papers presented

Sr. No.	Title of the Lecture / Academic Session	Title of the Conference / Seminar, etc.	Organized by	Whether International / National	API Score Claimed	API Score Verified	Page No. of relevant documents
Sub Total E (ii)							

Total E ( i+ii)	
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The score under this sub-category shall be restricted to 20% of the minimum fixed for Category III for any assessment period



## III (F) Development of e-learning delivery process/material 10 per module

## IV SUMMARY OF CATEGORY III:

Details	By Candidate	By Committee	Remark
Total A)	-		
Total B)	3.75		
Total C)	-		
Total D)	-		
Total E)	-		
Total F)	-		
Grand Total	3.75		

## IV. SUMMARY OF API SCORES:

	Criteria	API Score Claimed	API Score Verified
I.	Procurement, Organization, and Delivery of Knowledge and Information Through Library Services	226.19	
II.	Professional Development, Co-Curricular and Extension Activities	32	
III.	Research and Academic Contribution	3.75	
<b>TOTAL API(I + II + III) (Minimum Score required 90/120/150/180)</b>		<b>261.94</b>	

## List of Enclosures:

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

1. Academic Diary
2. Certificate of Attendance of Conferences, workshops and seminars
3. Paper published with ISBN and Impact factor
4. Professional Membership Cards and Letters

## UNDERTAKING

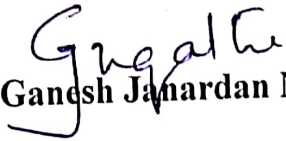
I **Dr. Ganesh Janardan Navathe** undertake that the information provided is correct as per records submitted by me to College / Institute / university and / or documents enclosed along with the duly filled PBAS proforma.

My PBAS based APIs (Year 2018-19) score carries


261.94

Place : Kolhapur

Date :

  
**Dr. Ganesh Janardan Navathe**  
(Assistant Professor)

Place : Kolhapur  
Date :

  
**Signature**  
Head of the  
Department of Physics  
Vivekanand College, Kolhapur

Place : Kolhapur  
Date :

  
**Coordinator - IQAC**  
**Vivekanand College,**  
**Kolhapur**

  
**PRINCIPAL**  
**Vivekanand College**  
**Kolhapur**

N. B.: The individual PBAS proforma duly filled along with all enclosures, submitted for CAS promotions will be duly verified by the college/Institute/university as necessary and placed before the Screening cum Evaluation Committee or Selection Committee for assessment / verification.