

PERFORMANCE APPRAISAL REPORT - II SELF APPRAISAL

(To be submitted in duplicate before 30th April)

(Ref. The Vice Chancellor direction vide Circular No. CONCOLE/TAU/VCD/37 OF 2000 dated 21st January 2000 and subsequent amendment vide circular No. CONCOL/TAU/VED/310 of 2000 dated 17th Aug 2000)

Period: 1-4-2022 to 31-03-2023 (Year 20.22.. to 20.23..)

A. BASIC INFORMATION

- a) Name of the college in full: Vidyavardhini's Annasaheb Vartak College of Arts,
Kedarnath Malhotra College of Commerce, E. S. Andrades
College of Science and Junior College Vasai Road (W) -
Dist. Palghar - 401202
- b) Name of the Teacher : Dr. Manish Prabhakar Tirpude
- c) Designation : Asstt. Prof. Physics
- d) Department : Physics
- e) Area of Specialisation : Spectroscopy and communication Electronics
- f) Date of joining the present college: 14-07-2014
- g) Honours Conferred : -

B. TEACHING

	No. of Lectures	Number of Tutorials /Practical's Taught in the Year.	Steps taken for the teaching periods missed during absence of leave
Under Graduate	L-05	L-05 P-15 20/Week	Extra lectures were engaged
Post Graduate	-	-	-
Any Other	-	-	-

To be filled at the end of every academic year L= Lecture T=Tutorial P= Practical

- b) Regularity and Punctuality: Good
- c) Details of course teaching plan, synopses of lecture and reading list supplied to students
- 1) Synopses on the basis of lecture topic is provided in advance.
 - 2) Printed lecture notes are made available

d) Details of Participation in the following

- i) University Evaluation : T.Y.B.Sc. (ARMP)
- ii) Internal Evaluation : S.Y.B.Sc. (Paper - II)

- iii) Paper setting : S.Y.B.Sc. Papers - II
- iv) Assessment of Home Assignments: - Nil -
- v) Conduct of Examination : S.Y.B.Sc. & F.Y.B.Sc. Practical Examination.
- vi) Evaluation of Dissertation etc. : -

C) DETAILS OF INNOVATION/CONTRIBUTIONS IN TEACHING, DURING THE YEAR

a) Design Curriculum:

b) Teaching Experiments:

8 Years.

c) Laboratory Experiments:

8 Years.

d) Evaluation Methods:

As per rules/procedure give by Mumbai University.

e) Participation of resource material including books, reading materials, laboratory, Manuals etc

Practical sheets of S.Y.B.Sc.

f) Remedial Teaching/Students Counselling (Academic)

Nil.

g) Any other

Crossword Puzzles for S.Y.B.Sc. students.

D) IMPROVEMENT OF PROFESSIONAL COMPETENCE

a) Details regarding orientation/refresher course attended participation in seminar Schools, workshops, seminars, symposia etc. including Open University course / M. Phil, Ph. D.

- 1) F.Y.B.Sc. (Physics) Syllabus Revision Workshop : RD National college - 25/08/2022
- 2) Refresher Course in Physics (core) - DAVV, Indore - (09/11/2022 - 22/11/2022)

E) RESEARCH CONTRIBUTIONS

a) Number of students (M. Phil/ Ph.D.)

Class	At the beginning of the Year	Registered during the Year	Completed during the Year
M. Phil	<u>Nil</u>	<u>Nil</u>	<u>Nil</u>
Ph. D.	<u>Nil</u>	<u>Nil</u>	<u>Nil</u>

b) No. of research papers published (Please enclose list)

- 04 - (list enclosed)

Research Projects

Title of the Project	Name of the funding	Duration
<u>Nil</u>	<u>Nil</u>	<u>Nil</u>

d) Details of Seminar, conference, symposia organised

Nil

e) Patents taken, if any give a brief description.

Nil

f) Membership of professional bodies editorship of journals etc.

Life Member, Indian Science Congress, Kolkata
Life Member, (EMSI)

F) EXTENSION WORK/ COMMUNITY SERVICE:

a) Please give a short account of your contribution to:

a) Community work such as values of national integration, secularism, peace, flood or drought relief, small family norms etc.

- Nil -

b) Position held/ leadership role played in organization linked with extension work and National Service Scheme (NSS) or NCC or any other similar activity.

- Sport Co-ordinator -

G) PARTICIPATION IN CORPORATE LIFE:

a) College/ University/Institution

IQAC Member,

b) Co-curricular Activities:

c) Enrichment of campus LIFE (Hostel, Sports, Games, Cultural activities)

Member of NACC Extension V

d) Students welfare and discipline

e) Membership/Participation in bodies/committees on education and national development

Member, Board of Studies of Electronics, Institute of Science, Nagpur

f) Professional Organization of Teachers

Assessment

a) Step taken by you for the evolution of the course programme taught

Class Test were conducted

General data

State brief assessment of your performance indicating

a) Achievements

b) Difficulties faced and

c) Suggestions for self-improvement

① Improvement in blended learning ② Research work & project

H) GENERAL OBSERVATION

i) Attendance

a) Regularity:

Good
Good

b) Punctuality:

c) Students - Teachers Relationship:

Good

ii) College Relationship

Yes

iii) Class control

Yes

iv) Reading habits and other matters

Good

Place: Vasai (W), Palghar 401202.

Date: 28-08-2023

Signature of the Teacher

28-08-2023

EVOLUTION BY THE HEAD OF THE DEPT. OR THE SENIOR MOST LECTURE IN THE DEPT. OR PRINCIPAL

a) State whether facts stated above correct

- yes

b) Actual Verification..... Correct Evolution.....

Item	Correct	Exaggerated	Excellent	Very Good	Good average	Poor
A						
B						
C	✓			✓		
D	✓			✓		
E	✓		✓			
F	✓			✓		
G	✓			✓		
H	✓		✓	✓		

*Evaluation is not expected in Column no. A & B

Handwritten Signature
 Signature of the HOD
 Or Senior most Teacher
 In Dept. or the Principal

Observation of the Principal

Place: Vasai (West), Palghar-401202.
 Date:



Handwritten Signature
PRINCIPAL
 Signature of the Principal
 ARTS, K. M. COLLEGE OF COMMERCE
 E. S. A. COLLEGE OF SCIENCE
 VASAI ROAD, DIST. PALGHAR
 MAHARASHTRA - 401 202.

2022-23

Dr. Manish Prabhakar Tirpude

Research Articles/Papers published in Journals:

Sl. No.	Title of research article/paper(s)	Name of journal/Book	Whether sole Author/co-author	Month & year of Publication, volume, no. & page nos.	Whether Referred/non-referred	ISBN/ISS N No./doi.	Impact Factor
0							
1	Study of CdZnTe thin-film surface nanostructures induced by 100 MeV Au ion irradiation	Journal of Material Research (2023)	Corresponding author	2023-03-02	Referred	DOI:10.1557/s43578-023-00955-5	2.909
2	Frustrated microstructures composite PbS material's size perspective from XRD by variant models of Williamson-Hall plot method	Bull. Mater. Sci.	Corresponding author	23 January 2023	Referred	https://doi.org/10.1007/s12034-022-02843-w	1.983
3	Zwitterion to normal formation of L-Alanine in water solvation as an ultrasonic impact from their Gibbs energy barrier: Experiment with different molarities and DFT simulation for few basis sets	Ultrasonics 127 (2023) 106847	Corresponding author	106847 17 September 2022 0041-624X/© 2022	Referred	https://doi.org/10.1016/j.ultras.2022.106847	4.062
4	FTIR and Electrical Properties of Cr Substituted $\text{Li}_{0.5}\text{Fe}_{2.5-x}\text{O}_4$ Synthesized Using Sol-Gel Auto Combustion.	ECS Journal of Solid State Science and Technology	Co-Author	Volume 11, Number 5, May, 2022	Referred	DOI 10.1149/2162-8777/ac7077	2.483
5	Aqueous L-alanine molecular interaction from Gibb's free energy: CPCM and SMD in DFT and ultrasonic studies	Journal of Physics: Conference Series (International Conference on Research Frontiers in Sciences (ICRFS 2021))	Corresponding author	07 June 2021 1913 (2021) 012007	Referred	doi:10.1088/1742-6596/1913/1/012007 Online ISSN: 1742-6596 Print ISSN: 1742-6588	---
6	Perspective of Zn3O3 ring cluster via density functional theory	Materials Today Communications	Equally Contributed, Corresponding author	27 (2021) 102343 21 April 2021 2352-4928/© 2021.	Referred	https://doi.org/10.1016/j.mtcomm.2021.102343 ISSN: 2352-4928	2.678

2022-23 No. of Research Papers : 04

All paper in Scopus

Page 1 of 3

28-04-2023