



Profile of the Faculty

1. General Information:

Name of the Faculty	:	Mrs. Gauri Umesh Patil
Name of the Department	:	Physics
Educational Qualifications	:	M.S.c, B.Ed, SET
Present Position	:	Assistant Professor
Address for Correspondence	:	C.K.Thakur A.C.S College, Sec-11, Khanda colony , Panvel
E-mail	:	thakurmadhurivedant@rediffmail.com
Contact Number	:	9833246838
Specialization	:	Electronics
Total teaching experience	:	24 years
Courses taught	:	Physics
Research experience	:	Nil
Number of students registered for Ph.D. degree	:	Nil
Number of students awarded Ph.D. degree	:	Nil
Number of students registered for P.G degree by research	:	Nil
Number of students awarded P.G degree by research	:	Nil

2. Publication of Research Papers:

UGC listed journals	:	09
Peer reviewed journals	:	03
Non-peer reviewed journals	:	05
Conference proceedings	:	03

3. List of Publication of Research Papers:

1. Mr. S. S. Kamble², Mrs. G. U. Patil¹, Mr. P. S. Thakur³, Healthy Lightning in Residential Area : Case Study Journal of the National Institute of Urban Affairs, ISSN: 0970-9045, Vol.43, Issue (2)(II), July-December, 2023, Page 72-76
2. Mrs. G. U. Patil¹, Ms. P. M. Mhatre, A Study of Growth and Characteristics of Metal Salt like Manganese Sulphate [MnSO₄] doped in L Threonine amino acid single crystal for NLO Application. Journal of Advanced Zoology, ISSN: 0253-7214, Vol.44, Issue S-8 Year 2023, Page 141-149
3. V. N. Pawar¹, V. S. Kamble^{2*}, S. T. Salunkhe³, J. M. Pawara², S. K. Patil², G. U. Patil⁴ and S. S. Kamble^{4*} The Impact of Air Pollution on Solar Energy Generation in the Panvel - Navi Mumbai Region Indian Journal of Natural Sciences, ISSN: 0976 – 0997, Vol.14, Issue 79, Aug. 2023, 57868-57871.
4. Mr. P. S. Thakur¹ Mrs. G. U. Patil², Mr. S. S. Kamble³ Acoustic Properties of Aerated Autoclaved Concrete (AAC): Sound Absorption & Reflection Coefficients of Aerated Autoclaved Concrete at Low & High Frequency Journal of Architecture and Civil Engineering, August 2022, ISSN 2321-8193, 01-06
5. Mrs. G. U. Patil & Mr. P. S. Thakur, Deployment of Grid Connected PV system for reduction in Electricity Bill : Case Study Educator Research Journal, March- April 2022, ISSN P-2455-0515, 72-77
6. G. U. Patil, Study of Dependence of Angle of Repose, Frictional forces acting on pulses of different species of family Fabacea on sliding time, International Journal of Innovative Knowledge Concept UGC Approved Journal No. 64094, 2018-2019, ISSN 2454-2415, Vol 6, Issue 6, p 1-4
7. G. U. Patil, Sound barrier inside & outside house, International Journal for Research in Engineering Application & Management UGC Approved Journal No 64077, 2018-2019, ISSN 2454-9150, Vol 4, Issue 10, p 241-243
8. G. U. Patil, Study of correlation among different properties of pulses of Family Fabacea, International Journal of Research and Analytical Reviews UGC Approved Journal No 43602, ISSN 2348-1269 Vol 5, Issue 2, p 382-386,
9. G. U. Patil, Smartphones & College Learners : Case study, Asian Resonance, UGC Approved No. 40888, 2017-2018, ISSN 0976-8602, Vol 6, Issue 3, p 86-91
10. G. U. Patil, Study of Coefficient of restitution of bouncing ball on different surfaces, Journal of Research and Development, UGC Approved No. 64768, 2017-2018, ISSN 2230-9578, Vol 7, Issue 7, p 12-18
11. G. U. Patil, Impact of decomposition of different manures on soil resistivity in rainy season, Asian journal of Environmental Science, UGC Approved No. 8785, 2017-2018, ISSN 0973-4759, Vol 12, Issue 2, p 138-140
12. G. U. Patil² & Mr. P. S. Thakur¹, Unit consumed by Mobile battery, ANUGOONJ, ISSN 2348-9731, Issue 7, 2017-2018, p 26 - 29
13. G. U. Patil, Electrical conservation in kitchen, Research Chronicler, 2016-17, ISSN

2347-5021, Vol 4, Issue 6, p 22-28

14. G.U.Patil , Usage of Mobile Camera, ANUGOONJ, ISSN 2348-9731, Issue 6, 2016-2017 ,p 26 - 29
15. G.U.Patil , Conference Proceeding, ISBN 978-93-83342-26-6, Case study of awareness of ill effect of Mobile Radiation of Human Health among Learners, 2015-16, Page nos. 107 to 109
16. G.U.Patil, Mobile Data Traffic ,ANUGOONJ, ISSN 2348-9731,Issue 5, , 2015-2016, p28- 32
17. G.U.Patil , Conference Proceeding, ISBN-978-93-83342-10-5, Review of technology behind Camera in Cinema, 2014-15, Page nos.107 to 113
18. G.U.Patil , Screen Addiction, ANUGOONJ, ISSN 2348-9731, Issue 4, , 2014-2015 ,p 25 - 29
19. G.U.Patil² and P.S.Kamble ¹, Awareness among Learners about hazardous element of electronic waste and their effect on human health ANUGOONJ, ISSN 2348-9731, Issue-3, ,2013-2014,p 26 -29
4. G.U.Patil , Conference Proceeding, To Study Refractive Index with respect to angle of Diffraction Grating using Laser pointer source,2013-14, Page nos.59 to 60.

5. Books authored:05

International Publisher	:	-
National Publisher	:	05-
Chapter in edited book	:	-
Edited book by International publisher	:	-
Edited book by National publisher	:	-

6. List of Books authored:

1. Mrs. G. U. Patil & Mr.S. S. Kamble, FYBSC Physics-1,Sheth Publication978-93-5576-824-7
2. Mrs. G. U. Patil &Mr. S. S.Kamble, FYBSC Physics-2,Sheth Publication978-93-5576-825-4
3. Mrs. G. U. Patil &Mr. S. S. Kamble,Practical Physics Sheth Publication,978-93-5576-919-0
4. Mrs. G. U. Patil &Mr. S. S. Kamble,FYBSC NEP Physics-1,Sheth Publication,978-93-5902-240-6
5. Mrs. G. U. Patil Mr. S. S. Kamble,FYBSC NEP Physics-2,Sheth Publication,978-93-5902-666-4

6. **Major Research Project Completed:** Nil

Title of the project	Date of sanction	Duration	Grant received	Funding agency
-	-	-	-	-

7. **Minor Research Project Completed:** Nil

Title of the project	Date of sanction	Duration	Grant received	Funding agency
-	-	-	-	-

8. **Patents:** Nil

Status	National	International
Applied	-	-
Granted	-	-

9. **List of patents:** Nil

10. **Membership:** Life Member , Indian Physics Association, Mumbai
Life Member , Indian Physics Teacher Association, Kolkatta
Sessional Membership of Indian Science Congress Association

11. Consultancy service provided and Revenue generated: Nil

12 Academic Staff College Orientation/Refresher courses attended:

Name of the Course	Place	Duration	Sponsoring Agency
Orientation Course	R.P Gogate College, Ratnagiri	19/02/2007- 17/03/2007	UGC
Refresher Course	Academy Staff College, Mumbai	03/10/2008- 23/10/2008	UGC
Refresher Course	Academy Staff College, Mumbai	07/01/2011- 07/02/2011	UGC
Short Term Course	H.R.D.C, Mumbai	06/03/2017-11/ 03/2017	UGC
Refresher Course	H.R.D.C, Gujarat University	28/05/2018- 17/06/2018	UGC
Faculty Development Programme	Ramanujan College, University of Delhi	25/05/2020- 05/06/2020	M.H.R.D
Faculty Development Programme	Nagindas Khandwala College	04/06/2020- 07/06/2020	Nagindas Khandwala College
Faculty Development Programme	Shri Pancham Khemraj Mahavidyalaya, sawantwadi	05/06/2020- 10/06/2020	Shri Pancham Khemraj Mahavidyalaya, sawantwadi
Online Faculty Development Programme	Marian InternationalInstitute of Management, Kerala	06/06/2020	Marian InternationalInstitute of Management, Kerala
Faculty Development Programme	Satish Pradhan Dnyanasadhana college, Thane	30/05/2020- 03/06/2020	Satish Pradhan Dnyanasadhana college, Thane

13. Participation in conferences, symposia, seminars and workshops:

Level	Presented paper	Only attended	Chaired session	Resource person
International	-	06	-	-
National	1	25	-	-
State	01	2	-	-
University	-	23	-	-

14. Conferences, symposia, seminars and workshops organized as convener/co-convener:

Level	Convener	Co-convener
International	-	-
National	01	-
State	01	-
University	-	-

15. Experience on the various committees at the college

Exam Cell: 2008-2009 till date

Science Association: 2002-2003 till 2017-2018

Time Table Committee : 2011-2012 till 2017-2018

Women Development Cell :2008-2009, 2009-2010, 2013-2014 till 2017-18

Staff Welfare committee : 2008-2009 till 2010-2011

Magazine Committee : 2010-2011 till 202015-2016, 2019-2020

16. Experience on the NAAC/ IQAC of the college

Member, Criteria I , 2018-2019 till date

Member, Criteria VI 2012-2013 till 2016- 2017

Member, Criteria II, 2005-2006 till 2011- 2012

Member, Criteria IV ,1999 -2000 till 2004- 2005

17. Experience on the Various Committees at the University of Mumbai / Government :

Nil

18. Awards/recognitions received :Nil

Level	Title	Year	Awarding agency
International	-	-	-
National	-	-	-
State	-	-	-
University	-	-	-

