

DEPARTMENT OF PHYSICS

1. Year of Establishment : 1990
2. Names of Programmes/Courses offered : i. B.Sc.iii.M.Phil.
ii. Ph.D.
3. Pattern : Semester
4. Faculty Profile

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. U.K. Mohite	M.Sc., Ph. D.	Head & Associate Professor	Physics	26
Mr. H. R. Ingavale	M.Sc. M.Phil.	Associate Professor	Physics	25
Dr. C. E. Patil	M.Sc., Ph. D.	Assistant Professor	Physics	24

5. List of Visiting Faculty : 5 - On clock hour basis

Sr. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience
1	Miss. Shinde S. P.	M.Sc.	Assist. Professor	Physics	02
2	Miss. Rananaware S. S	M.Sc.	Assist. Professor	Physics	02
3	Ms. Suryawanshi B.K	M.Sc.	Assist. Professor	Physics	01
4	Ms. Shinde N. A	M.Sc.	Assist. Professor	Physics	01
5	Mr. Jadhav V. S.	M.Sc.	Assist. Professor	Physics	01

6. Research Projects Completed : Major Research Projects

Sr. No.	Faculty	Title of the Project	Funded by	Period	Amount Utilized
1	Dr. C. E. Patil	Synthesis and Characterization of Hydrothermally Grown Nano-Structured V ₂ O ₅ and V ₂ O ₅ -CNT Composites for Efficient Super Capacitors	UGC	2013-2015	1115800/ -

7. Publications :

Sr. No.	Name of the Faculty	Title of the Paper	Name of the Journal	Volume No. and Year	Level of the Journal
1	Dr.U.K. Mohite	A Prototype Ecofarming Model: Quantization of Biomass Energy.	Journal of Chemical and Physical Sciences.	Vol.14 2015	International
2	Mr.H.R. Ingawale	Impact of Effective Teaching on Ability of Critical Thinking	Young Researcher Interdisciplinary Research Journal	Vol. 3, No.4, Jan. 2015	National ISSN 2277-7911
3	Mr. H.R. Ingawale	Enhancement of Teaching Learning Process in Physics	Young Researcher Interdisciplinary Research Journal	Vol. 3, No.4, Jan. 2015	National ISSN 2277-7911
4	Mr. H. R. Ingawale	Design of Circular Patch Antenna in GSM Band for GPS Application	Journal of Electronics Communication and Computer Techniques	Vol.5, 2015	International ISSN:2249-7838
5	Dr.C.E. Patil	Electrochromic performance of the mixed V ₂ O ₅ WO ₃ thin films synthesized by pulsed spray pyrolysis technique	Current Applied Physics	2014	International Impact Factor-1.4810
6	Dr.C.E. Patil	Electrochromic properties of vanadium oxide thin films prepared by PSPT:Effect of substrate temperature	American Institute of Physics	2013	International

8. Area of Consultancy :

Maintenance of Electrical Appliances

9. Academic Membership :

- Dr. U. K. Mohite : Member of the Physics Teacher Association, Shivaji University, Kolhapur.
- Mr. H. R. Ingawale : Member of the Physics Teacher Association, Shivaji University, Kolhapur.

10. Seminars / Conferences / Workshops organized:

Workshop on “Experimental Skills and Applications in B.Sc. Physics Practicals” funded by Shivaji University, Kolhapur under lead college activity in March 2017.