

# PROFILE OF DEPARTMENT OF PHYSICS

Nutan Mahavidyalaya, Sailu was established by Nutan Vidyalaya Shikshan Sanstha in the month of June 1968 and the department of Physics was established with classes i.e. PUC & B.Sc. 1<sup>st</sup> year on the same year.

Department of Physics shifted in present building during 1973-74. Department was established under the leadership of **Dr. B. T. Boskar**, in 1968. **Mr. R. B. Shete** worked in this department for the long time and retired, then after **Dr. K. R. Gangakhedkar** joined for 3 years and left this college and joined as a Principal at P.N. college Nanded.

Now **Dr. B. K. Kumthekar** is working as a Head of the Department of Physics. Department is having one Laboratory Assistant and two Laboratory attendants. Laboratory assistant is assigned the work of maintenance of stock register, yearly stock verification, preparation work of practical etc.

## LABORATORIES

Department is now housed in a spacious building which was constructed



under UGC assistance. Department sincerely thankful to UGC for its generous contribution in the construction of laboratory buildings. Departmental building comprises three laboratories, a store room, cabin for Head of the department, staff room, etc. Dimensions of our laboratories i.e. 40 X 22, provide sufficient moving space to 24 students working in a single practical batch. Our laboratories are well furnished and have all the physical facilities such as Inverter, running water, etc. Department has given serious consideration for its safety and thus had made provision for one fire extinguishers to meet any emergency.

## **LIBRARY**

Department have its own library unit. The books in our subjects are stocked in the racks of central library. The total number of PHYSICS titles in the central library is 1205, which includes text and reference books. Besides, the department has started its own departmental library with selective books useful for regular studies. The faculty has their own personal books which are made available to the students as per the need and demand.

- PHYSICS for degree students B.Sc. I<sup>st</sup>, II<sup>nd</sup>, III<sup>rd</sup> by C.L. Arora
- Elements of Properties of Matter –D.S.Mathur
- Mathematical Physics - B.S. Rajput
- Mathematical Physics- B.D. Gupta
- Heat and Thermodynamics – BrijLal, N.Subrahmanyam, P. S.Hemne
- Heat and Thermodynamics – D.S.Mathur, Sultan Chand
- Introduction to Electrodynamics – D.G. Griffith
- Electricity and Magnetism - BrijLal, Subramanyan
- Perspectives of Modern Physics-Arthur Beiser
- Modern physics – R. Murugesan.
- Solid State Physics – Puri& Babar
- Solid State Physics – Saxena,Gupta, Saxena
- Atomic physics – J.B.Rajam.
- Nuclear Physics – Irving Kaplan
- Introduction to Atomic Spectra: H E White
- Nuclear Physics – D.C.Tayal
- Digital Principles and Applications- A. P. Malvino,
- Digital Fundamentals-Thomas L. Floyd
- Modern Digital Electronics- R.P. Jain
- Waves and Oscillations – Brijlal and Subrahmanyam
- A text book of Sound - N. Subrahmanyam, Brijlal
- A Text Book of Optics - Brijlal and Subrahmanyam.
- Principles of Electronics – V. K. Mehta Rohit Mehta

Besides text and reference books, department has subscribed for research journals such as

- *Current Science*
- *Indian journal of PHYSICS*
- *Physics for you*
- *Electronics for you*

Library has bound volumes of back numbers for the above journals. Presently, we have subscribed for Indian journal of PHYSICS.

## **FACULTY PROFILE**

<b>NO</b>	<b>NAME</b>	<b>QUALIFICATIONS</b>	<b>Contact Details</b>	<b>NATURE OF APPOINTMENT</b>	<b>Photo</b>
<b>01</b>	Dr. B. K. Kumthekar	M.Sc. Ph.D.	+91 9421451055 Email: <a href="mailto:bkumthekar@gmail.com">bkumthekar@gmail.com</a>	Permanent	
<b>02</b>	Mr. V.P. Patil	M.Sc. SET	+91 9309784945 Email: <a href="mailto:vishalpp23@gmail.com">vishalpp23@gmail.com</a>	Permanent	

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