

# सेंद्रिय राजकीय नेतृत्वाचा अभ्यास विशेष संदर्भ

श्री. एकनाथराव खडसे  
यांचे योगदान  
(कालखंड १९८० ते २०१०)



डॉ. सुनील नेवे



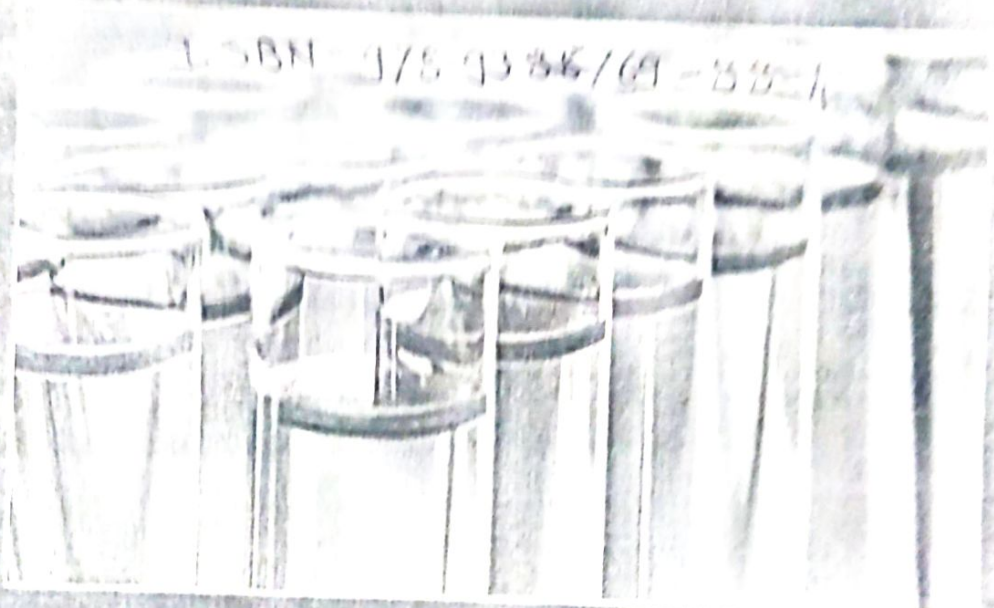


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S.Y.B.Sc. - CH - 303-403

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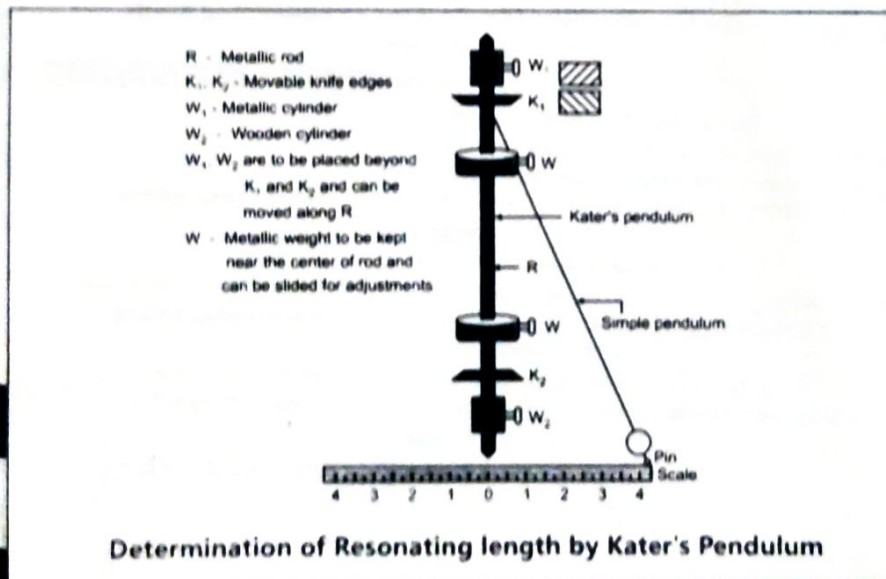
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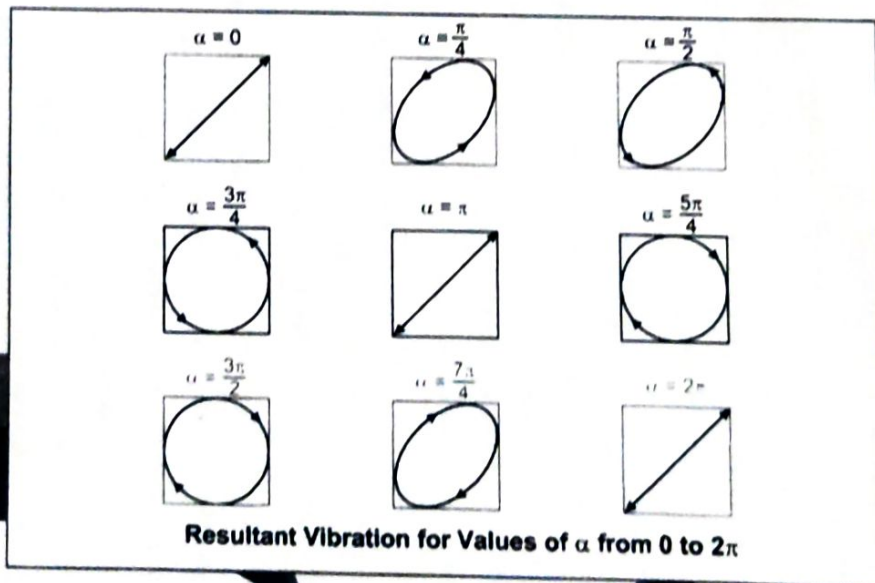
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(PHYSICS PAPER-V : PHY-401)

Dr. SACHIN J. NANDRE  
BHAUSAHEB N. KAKDE

CHANDRASHEKHAR P. NIKAM  
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# PREFACE

We, the authors are pleased to present this text book of Physics (**Waves, Oscillations and Acoustics**) for S.Y.B.Sc to be implemented from June 2019. Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, for Semester IV : PHY- 401 in the market and care, therefore, has been taken, while preparing the text book, that it caters the needs not only of the students and teachers concerned, but it also creates interest and inquisitiveness about the subject in any person, who lays hand on it.

This book has been written strictly according to the guidelines of the revised syllabus (CBCS Pattern) of Second year B.Sc. Physics (**Waves, Oscillations and Acoustics**) prescribed by Board of Studies in Physics, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon. It is our humble belief that the text books are among the invaluable resources for successful teaching – learning process, provided. They are written within the framework of the aims and objectives laid down and hence the book is really the honest efforts in that direction.

Much more attention has been paid in simplifying the topics and presenting them in a simple and scientific language. Each concept is lucidly explained and supported by self-explanatory diagrams. A few examination oriented problems have been solved in every topic and few are given for practice. The key statements, laws, principles and definitions are printed out from the rest of the matter. As per the nature of university question paper, number of multiple choice questions, short and long answer type questions are included for self testing. Every attempt has been made to make the matter easily readable and readily understandable. In fact, the book has been written out of a prolonged teaching experience.

Every care has been taken to check the mistakes and misprints, yet it is very difficult to claim perfection. Any errors, omission and suggestions for the improvement of this text book, if brought to our notice will be

