



**Department of Physics,  
Shivaji University, Kolhapur.  
Pre Ph.D.-Coursework Theory Exam: 2019-2020  
Time-Table**

Sr. No.	Day & Date	Subject	Time	Marks
1.	21 December, 2020 Monday	<b>Paper -I (CP):</b> Research Methodology & Computer Applications in Physical and Chemical Sciences	11:00 am – 2:00 pm	100
2.	24 December, 2020 Thursday	<b>Paper -II (CP):</b> Frontiers in Physics	11:00 am – 2:00 pm	100
3.	28 December, 2020 Monday	<b>Paper -III: (EP)</b> a) Deposition of films & their characterization b) Holography & its applications c) Photocatalysis d) Space Science & Astronomy e) Vacuum techniques and Thin films f) Sol gel processing in solid state materials	11:00 am – 2:00 pm	80

**CP: Compulsory Paper, EP: Elective Paper**

**Note:**

- 1) The mode of examination is **OFFLINE & DESCRIPTIVE**.
- 2) The examination will be conducted by following the rules of social distancing laid down by the government & university.
- 3) Students will enter the examination hall only after thoroughly **sanitizing their hands**.
- 4) Students must **wear mask** during entire period of the examination.
- 5) Oral examination of **20 marks** of special paper will be conducted in **online mode** after completion of written examination. This requires a **10-minute power point presentation on your Ph.D. work**. You are advised to be ready for this as well. Time table for oral examination will be declared soon.

**5 DEC 2020**



  
**Head,  
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