

SARDAR PATEL MAHAVIDYALAYA ,CHANDRAPUR
SESSION 2021 – 2022
PG DEPARTMENT OF PHYSICS
DESSERTATION LIST

SR.NO	NAME OF STUDENT	PROJECT TITLE	NAME OF GUIDE
1	SINGH DIPRA RANVIR	SYNTHESIS AND PHOTOLUMINESCENCE STUDY OF Bi^{3+} DOPED BARIUM MAGNESIUM PYROPHOSPHATE ($BaMgP_2O_7$)	DR. VARSHA THAKRE
2	SINGRUPWAR GANESH RAJESHWAR	A VOLUMETRIC AND ACOUSTICAL STUDY TO EXPLORE INTERACTION BETWEEN GLUCOSE AND POTASSIUM CHLORIDE	DR. SANJAY P RAMTEKE
3	DODANI NEHA SHYAM	REVIEW STUDY OF Ce^{3+} DOPED PHOSPHOR	DR. VARSHA THAKRE
4	PETKAR ASHIKA BANDU	Not Available	
5	BOBDE PRANALI PRADIP	A REVIEW OF ULTRASONIC STUDY OF VITAMIN AND CARBOHYDRATES	DR SANJAY P RAMTEKE
6	JIRKUNTWAR AKSHAY MAROTI	MOLECULAR INTERACTION BETWEEN THE MONOSACCHARIDE AND SALT SOLUTION BY THERMO-ACOUSTICAL APPROACH	DR. URVASHI P. MANIK
7	MADAVI NITIN SURESH	SYNTHESIS AND PHOTOLUMINESCENCE STUDY OF Sm^{3+} DOPED CALCIUM STRONTIUM SILICATE ($Ca_{1.6}Sr_{0.4}SiO_2$)	DR. VARSHA THAKRE
8	JIWATODE KARTIK DASHWANT	SYNTHESIS AND PHOTOLUMINESCENCE STUDY OF Dy^{3+} DOPED CALCIUM STRONTIUM SILICON DIOXIDE ($Ca_{2-x}Sr_xSiO_2$)	DR. VARSHA THAKRE
9	VAIBHAV GANESH AVATHALE	STUDY OF ASCORBIC ACID IN MAGNESIUM CHLORIDE BY USING ULTRASONIC TECHNIQUE	DR. SANJAY P RAMTEKE
10	YERME KISHORI DURYODHAN	SYNTHESIS AND PHOTOLUMINESCENCE STUDY OF Dy^{3+} DOPED STRONTIUM CALCIUM PYROPHOSPHATE ($SrCaP_2O_7$)	DR. URVASHI P. MANIK
11	KHADKE ANKITA CHANDRASHEKHAR	SYNTHESIS AND PHOTOLUMINESCENCE STUDY OF Eu^{3+} DOPED BARIUM MAGNESIUM PYROPHOSPHATE ($BaMgP_2O_7$)	DR. VARSHA THAKRE

12	PETKAR ASHA BANDU	THERMO ACOUSTIC STUDY OF NIACINAMIDE IN AQUEOUS DEXTROSE BY USING ULTRASONIC TECHNIQUE	DR. SANJAY P RAMTEKE
13	MOHARE PRAJAKTA SHIVBALAK	AN ACOUSTICAL STUDY TO EXPLORE THE INTERACTION BETWEEN DEXTROSE AND ELECTROLYTE SOLUTION USING ULTRASONIC TECHNIQUE	DR. URVASHI P. MANIK
14	MOGARKAR RAJESHWARI VITTHAL	SYNTHESIS AND PHOTOLUMINESCENCE STUDY OF Eu^{3+} DOPED STRONTIUM MAGNESIUM PYROPHOSPHATE (SrMgP_2O_7)	DR. URVASHI P. MANIK
15	RACHAWAR PRATYUSHA RAMESH	SYNTHESIS AND PHOTOLUMINESCENCE STUDY OF Ce^{3+} DOPED STRONTIUM ZINC DIPHOSPHATE (SrZnP_2O_7)	DR. URVASHI P. MANIK
16	LANDE POOJA VITTHAL	MEASUREMENT OF THERMO-ACOUSTIC AND VOLUMETRIC PROPERTIES OF ZINC SULPHATE IN AQUEOUS SOLUTION OF MONOSACCHARIDE	DR. URVASHI P. MANIK
17	CHANNAWAR KETAKI RAJENDRA	SYNTHESIS AND PHOTOLUMINESCENCE STUDY OF Tb^{3+} DOPED STRONTIUM BARIUM PYROPHOSPHATE (SrBaP_2O_7)	DR. URVASHI P. MANIK
18	RAUT RAHUL JAIPAL	INTERMOLECULAR INTERACTION BETWEEN ASCORBIC ACID & SALT SOLUTION: A THERMO-ACOUSTICAL STUDY	DR. URVASHI P. MANIK
19	PATRANGE SAMIKSHA CHANDRASHEKHAR	A VOLUMETRIC AND ULTRASONIC INVESTIGATION OF ACETAMIDE IN DIFFERENT SOLVENT	DR. URVASHI P. MANIK
20	BHATARKAR SANCHIT MORESHWAR	ULTRASONIC CHARACTERIZATION ON SOLUTION OF NIACINAMIDE IN AQUEOUS SODIUM SULPHATE	DR. URVASHI P. MANIK
21	SNEHA SHANKAR KATOLE	SYNTHESIS AND PHOTOLUMINESCENCE STUDY OF Sm^{3+} DOPED CALCIUM STRONTIUM DISULPHATE ($\text{CaSr}(\text{SO}_4)_2$)	Dr. VARSHA THAKRE
22	PINGE SANDHYA DILIP	TO STUDY THE IMPACT OF	DR. URVASHI P.

		CONCENTRATION AND TEMPERATURE ON INTERMOLECULAR INTERACTION BETWEEN DEXTROSE AND ELECTEOLYTE SOLUTION	MANIK
23	WARATKAR SHUBHANGI MEGHASHYAM	INTERACTION OF SODIUM SULPHATE WITH SACCHARIDE (SUCROSE)SOLUTION:A THERMO- ACOUSTICAL APPROACH	DR. URVASHI P. MANIK
24	DHAMANGE VISHAKHA DEORAO	MOLECULAR INTERACTION STUDY OF POSTSSIC FERTILIZER IN WATER AT DIFFERENT TEMPERATURE USING ULTRASONIC THEACHNIQUE	DR. URVASHI P. MANIK

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Head of the Physics Deptt.

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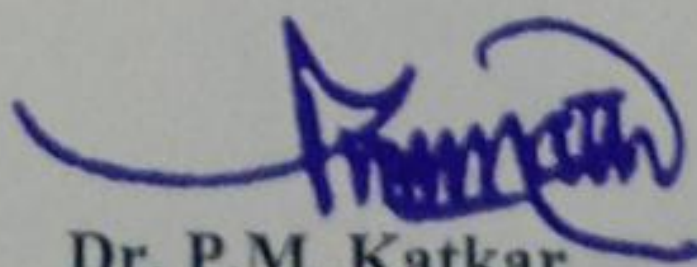
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This dissertation is being submitted to Gondwana University, Gadchiroli in the partial fulfillment of the award of Master of Science in Physics.

Place - Chandrapur

Date- 06/06/2022




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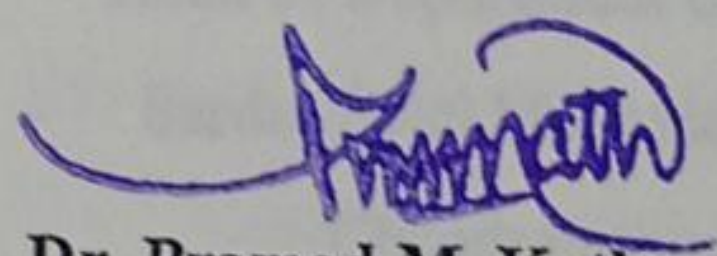
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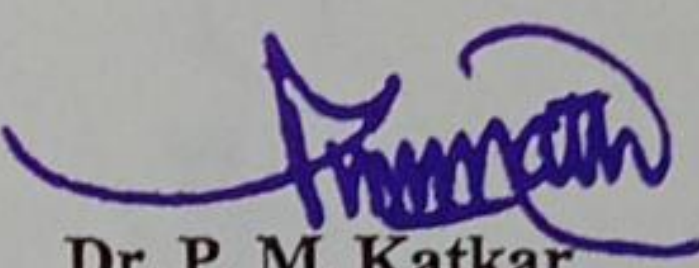
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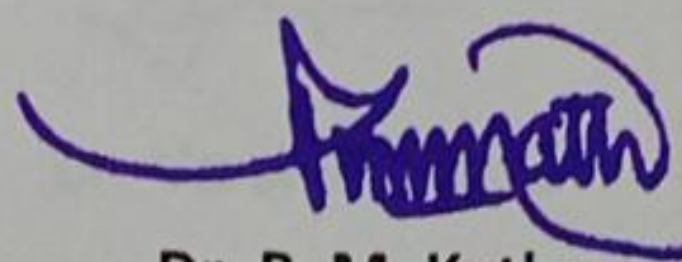
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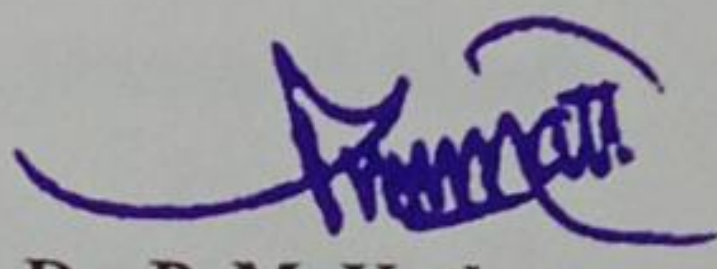
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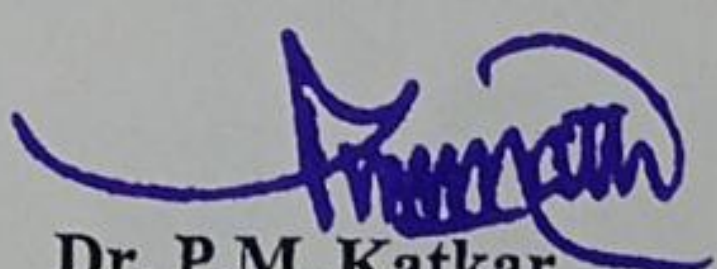
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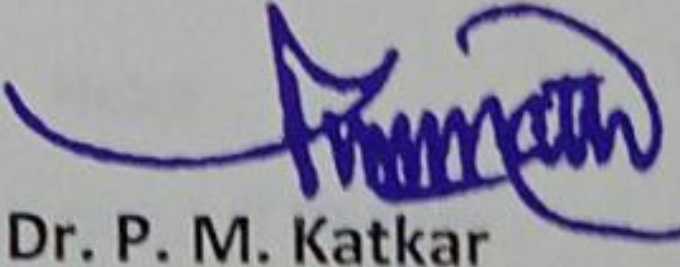
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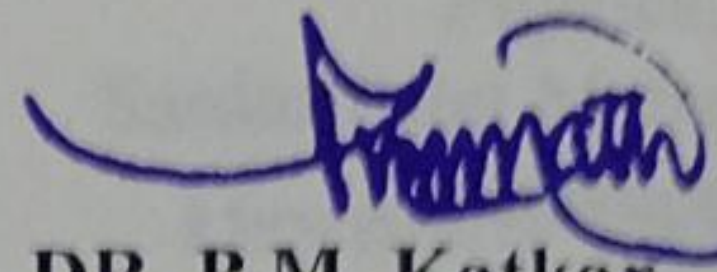
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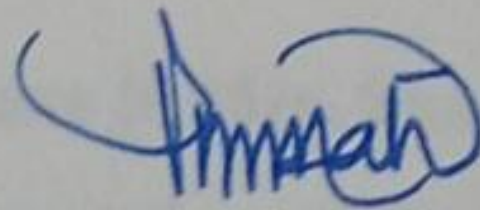
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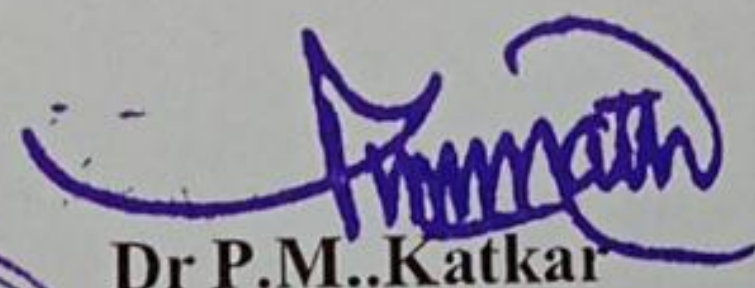
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This is to certify that **Miss. Ankita Chandrashekhar Khadke** is a bonafied student of M.Sc. Sem-4 of this college for the session of 2021-2022. She has completed this dissertations under the guidance of **Dr. Varsha Thakre** on the project entitled of **"SYNTHESIS AND PHOTOLUMINESCENCE STUDY OF Eu^{3+} DOPED BARRIUM MAGNESIUM PYROPHOSPHATE $[\text{BaMgP}_2\text{O}_7]$ "**. Approved by the department.

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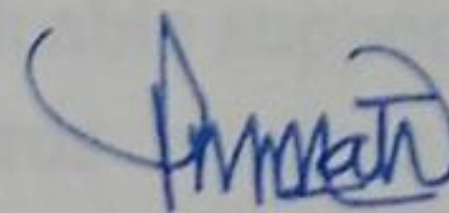
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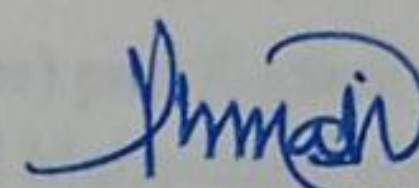
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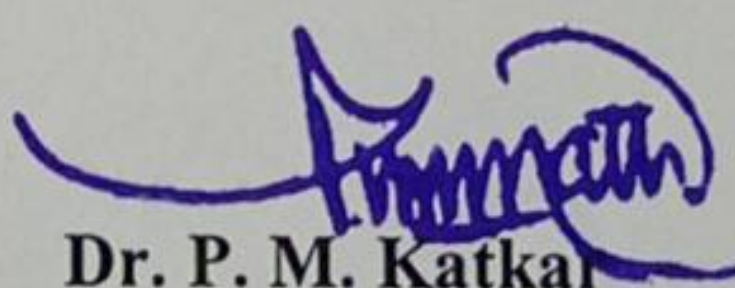
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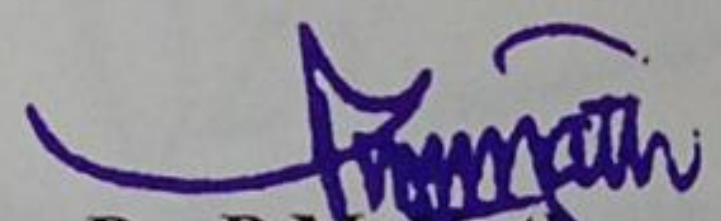
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