



Kuvempu University

SAHYADRI SCIENCE COLLEGE, SHIMOGA-577 203

(A Constituent College of Kuvempu University)

Phone:08182-240435

E-mail:sahyadriscience@gmail.com

Web: www.kussc.ac.in

RESEARCH INSTRUMENTS



ಸಹ್ಯಾದ್ರಿ ವಿಜ್ಞಾನ ಕಾಲೇಜು, ಶಿವಮೊಗ್ಗ-577 203
(ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಘಟಕ ಕಾಲೇಜು)

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Report on research facilities/instruments

Sahyadri Science College has adequate infrastructure and physical facilities for teaching-learning. It has well maintained spacious classrooms, ICT class room and laboratories. The class rooms are ICT enabled with projector. One classroom is equipped with Smart board. The Auditorium is spacious and supported by air-conditioner. All the laboratories are user friendly, well equipped with necessary and advance instruments. We have both Hardware and software labs with an adequate computer, digital lab trainer kits, that are necessary for running the course. The entire campus is under CCTV surveillance for the benefit of the students and staffs. The classrooms are equipped with a sitting capacity of an average of 50-80 students, proper ventilation, comfortable furniture, fans and adequate lights. Laboratories- Science faculties like Biotechnology, Environmental Science, Physics, Chemistry, Geology, Botany and Zoology have separate functional laboratories with essentials apparatus and materials required for teaching learning. Our college has some major instruments like Direct Heat/AirJacketed Co2Incubator, Real Time PCR, Bio-spectrophotometer, Nucleicacid Gel-electrophoresis unit, Trinocular Microscope, Digital Conductivity Meter etc.

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LIST OF EQUIPMENTS/INSTRUMENTS

Department of Microbiology



LAMINAR AIR FLOW CHAMBER



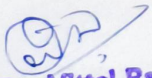
BOD INCUBATOR



ANAEROBIC CULTURE JAR



INCUBATOR


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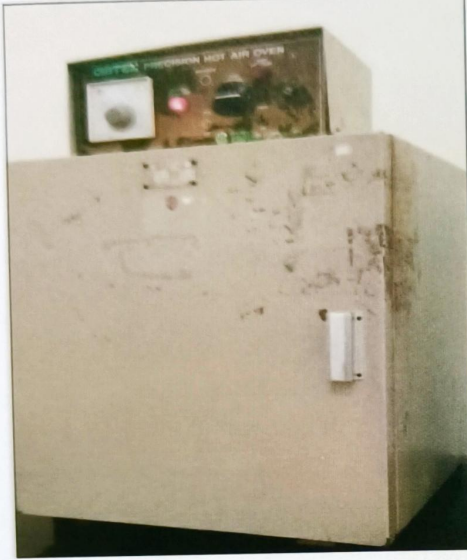


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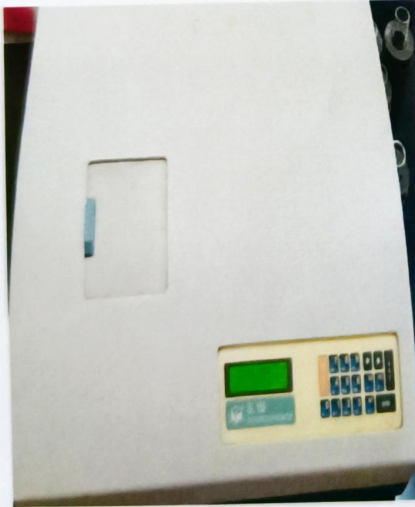
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HOT AIR OVEN



DEEPER FREEZER

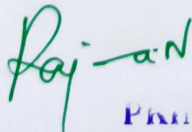


UV- SPECTROPHOTOMETER



MICROPIPPETS


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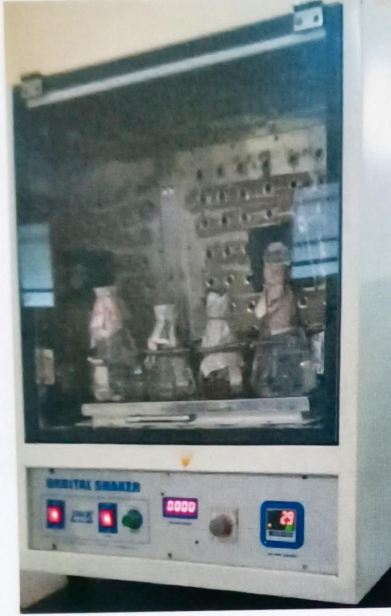


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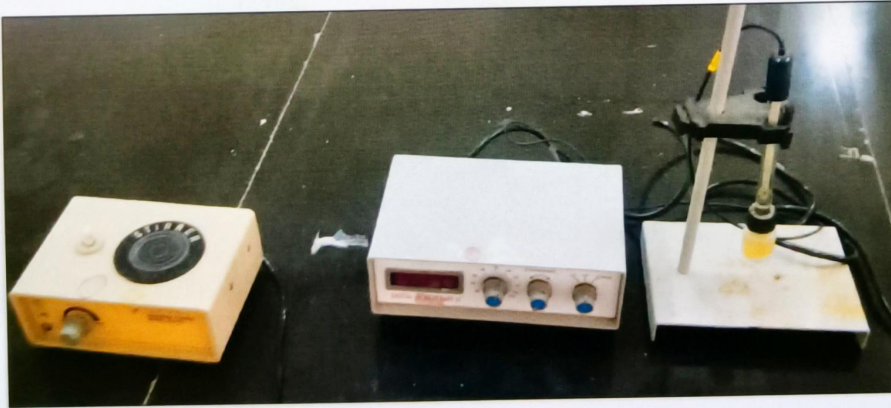
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ORBITAL SHAKER

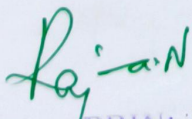


COLD CENTRIFUGER



STIRRER


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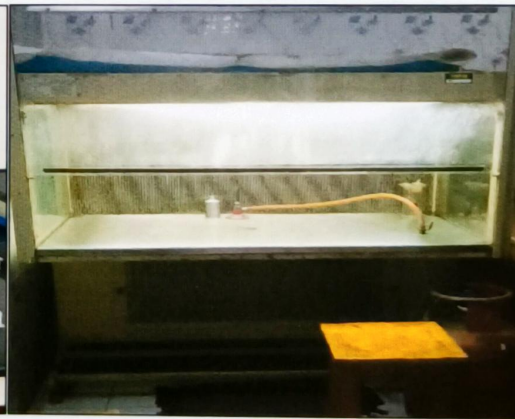
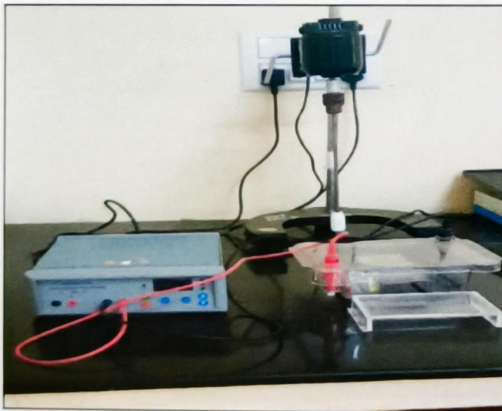
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ZOOM MICROSCOPE



AUTOClave



ELECTRPHORESIS

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DEPARTMENT OF BIOTECHNOLOGY



OLYMPUS INVERT MICROSCOPE



RT-PCR



REMI-CENTRIFUGE



MILI-Q ULTRAPURE WASTER SYSTEM

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K. S. Rao

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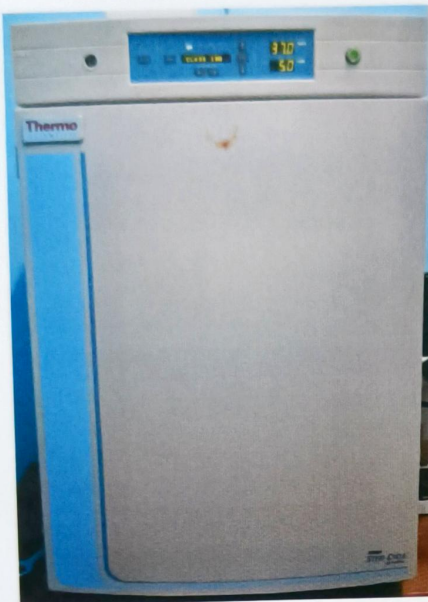


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CARBON DIOXIDE INCUBATOR



VIBRA CELL SONICATOR

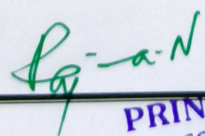


GEL DOC-BIORAD THERMOSCIENCTIFIC



AUTOCLAVE


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UV-BIOSPECTROPHOTOMETER



ULTRA -LOW TEMPERATURE FREEZER (-80°)

Prin

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DEPARTMENT OF PHYSICS



DIGITAL BALANCE



ELECTRONIC SPIN RESONANCE SPECTROMETER



NaI (TI) SCINTILLATION DETECTOR

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DEPARTMENT OF CHEMISTRY

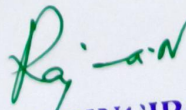


FTIR KBr- PELLET MAKER



UV-VISIBLE SPECTROSCOPY


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FT-IR -SPECTROSCOPY-SHIMADU, JAPAN

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