



VISWANADHA INSTITUTE OF PHARMACEUTICAL SCIENCES
Affiliated to J.N.T.U.K-Kakinada, Approved by PCI & AICTE, New Delhi
Mindhivanipalem (V) Sontyam(P) Anandapuram (M)Visakhapatnam (Dist) 531 173
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INSTITUTION BEST PRACTICES



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BEST PRACTICE:1

Title: Environmental Conservation Initiative at VNIPS

Objective:

The objective of VNIPS Environmental Conservation Initiative is to raise awareness and take action towards sustainable environmental practices. This includes promoting renewable energy, implementing conservation measures, and engaging students in hands-on activities.

Context:

As the first affiliated Pharmacy College in Visakhapatnam to utilize solar power, VNIPS has been a pioneer in environmental conservation. Through initiatives like solar energy adoption, rainwater harvesting, solid waste management, and student engagement, VNIPS aims to reduce its environmental footprint and foster a culture of sustainability.

Practice:

- Continuous Energy Supply through Solar Panels
- Installation of a 100-kilowatt solar power plant.
- Usage of solar energy as an alternative to conventional sources.
- Rainwater Harvesting for Groundwater Recharge
- Creation of large pits for rainwater harvesting.
- Percolation of rainwater to replenish groundwater levels.
- Solid Waste Management using Vermicomposting
- Implementation of vermicomposting for solid waste management.
- Enhancement of soil quality for VNIPS garden.

- Student Engagement in Environmental Activities
- Involvement of students in campus cleaning activities.
- Planting small saplings for environmental conservation.
- Awareness Campaigns and Events
- Creation of interactive campaigns and events to involve students.
- Education on e-waste accumulation and proper disposal.

Evidence of Success:

- Reduced electricity expenditure and carbon dioxide emissions through solar power adoption.
- Improved groundwater levels through rainwater harvesting.
- Enhanced soil quality and sustainable waste management through vermicomposting.
- Engaged students in environmental activities, fostering a sense of responsibility.
- Growth of planted saplings into mature fruit-bearing trees, showcasing long-term impact.
- Alignment with national initiatives like the National Solar Mission, demonstrating commitment to sustainability.

Problems Encountered:

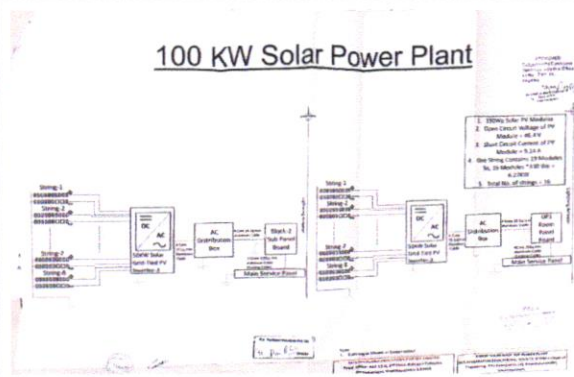
- Initial investment required for solar power installation.
- Education and awareness efforts needed for effective waste management.
- Maintenance and upkeep of rainwater harvesting infrastructure.
- Ensuring continued student engagement and participation in environmental activities.

SOLAR PANELS AND SOLAR ENERGY



PLAN FOR SOLAR FITTING PANELS

SOLAR POWER PLANT INVOICE



PROFESSIONAL INVOICE

100 KW Solar Power Plant

Sl. No.	Description of Work	Unit	Rate	Amount
1	100 KW Solar Power Plant (including Solar Panels, Inverter, AC Distribution Box, Sub Panel, Meter, etc.)	1	48,50,000	48,50,000
2	Material (Solar Panels, Inverter, AC Distribution Box, Sub Panel, Meter, etc.)	1	1,50,000	1,50,000
3	Labor (Installation, Wires, etc.)	1	1,00,000	1,00,000
4	Profit	1	1,00,000	1,00,000
			Total	51,00,000

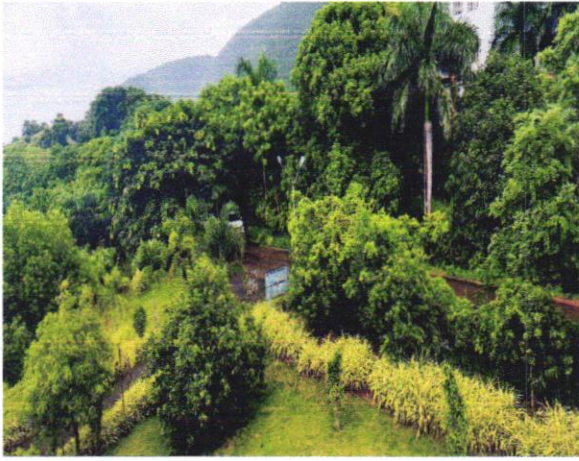
Net Total: 51,00,000

Grand Total: 51,00,000

RAIN WATER HARVESTING



GREEN CAMPUS



ENGAGE STUDENTS IN CAMPUS CLEANING ACTIVITIES



PLANTATION PROGRAM

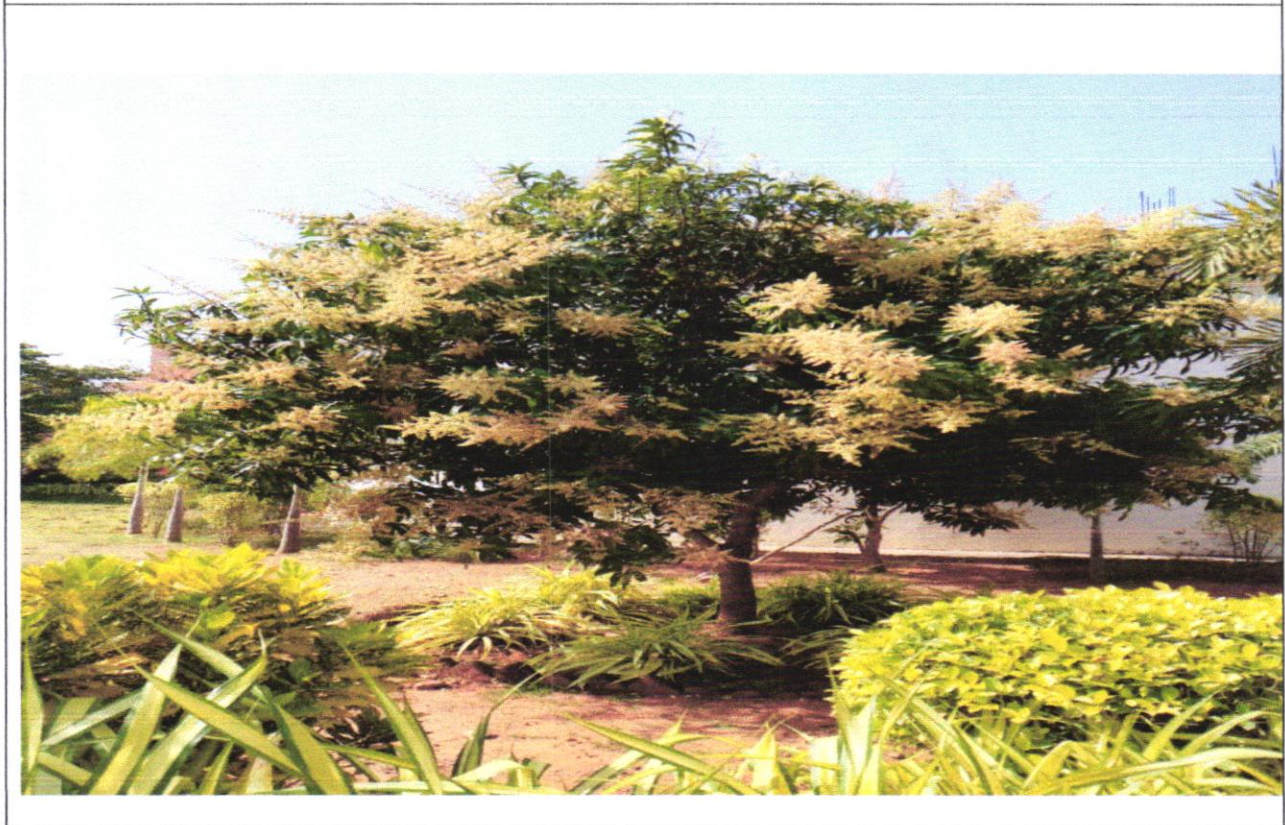


PLANTATION OF MEDICINAL PLANTS



FRUIT BEARING PLANTS







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BEST PRACTICE-2

Title: Project Implementation and Mentoring at VNIPS

Objective-

The objective of VNIPS Mentored Project Work and Internship Program is to engage students in real-world project experiences, cultivate essential skills, facilitate a seamless transition into the professional world, and create opportunities for internships.

Context:

VNIPS recognizes the importance of providing students with hands-on, real-world experiences to complement their academic learning. Project work with mentorship aims to develop essential skills like problem-solving, teamwork, communication, and project management, preparing students for successful careers in the pharmaceutical and healthcare industry.

Practice:

- Engaging Students in Project Work with Mentorship
- Assigning teachers to mentor groups of students in project work.
- Guiding students through challenges, offering insights, and navigating project complexities.
- Providing Opportunities for Internships:
- Successful project outcomes lead to internships from reputed companies.
- Building connections with professionals in the industry.
- Sending Students to Diverse Settings.
- Exposing students to pharmaceutical industries, analytical centers, and significant establishments.
- Providing opportunities for hands-on learning and practical skill development.

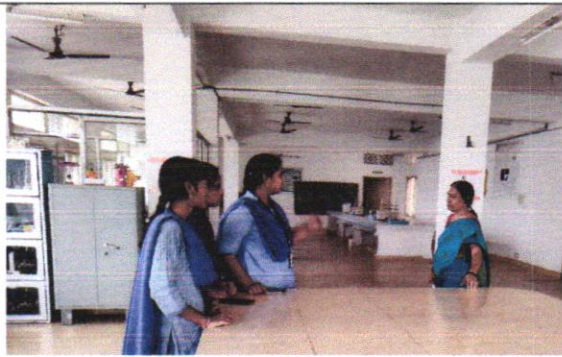
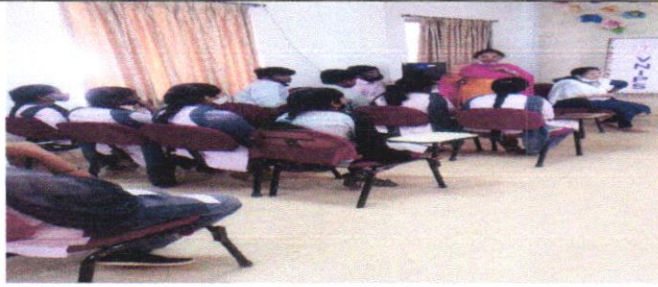
Evidence of Success:

- Internships secured by students through successful project work.
- Recognition of students' practical skills and knowledge by industry professionals.
- Sense of achievement and value among students for their skills being recognized and valued by external entities.

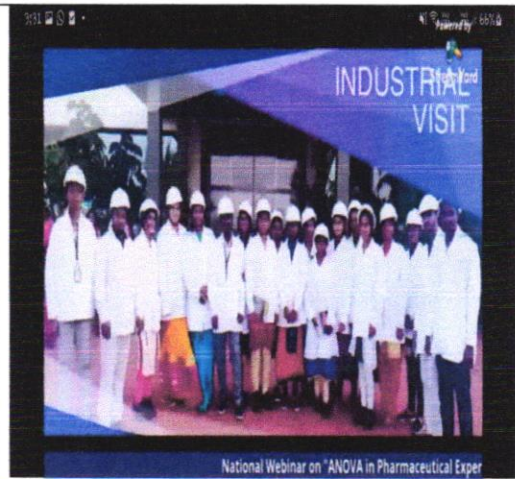
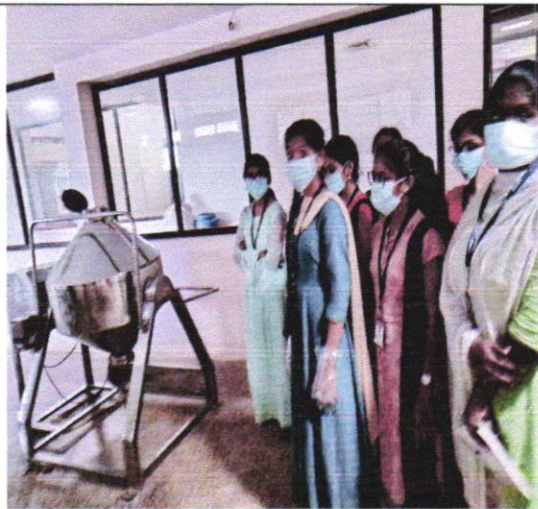
Problems Encountered:

- Initial challenges in aligning project work with industry needs and expectations.
- Ensuring adequate mentorship resources and support for both students and teachers.
- Coordination and logistics for arranging internships with external companies.
- Maintaining consistency in project quality and outcomes over time.
- Logistics and coordination for arranging visits to diverse settings.
- Ensuring alignment of experiential learning activities with academic curriculum objectives.
- Evaluation and assessment of student learning outcomes from diverse experiences.
- Managing resources and support for students during experiential learning activities.

MENTORSHIP -STUDENT TEACHER INTERACTION



INDUSTRIAL VISITS



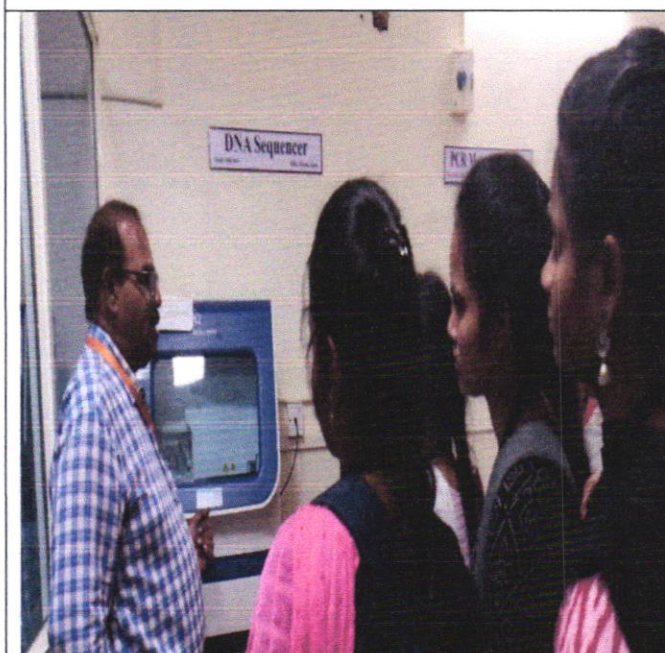


FIELD VISITS - BIODIVERSITY PARK

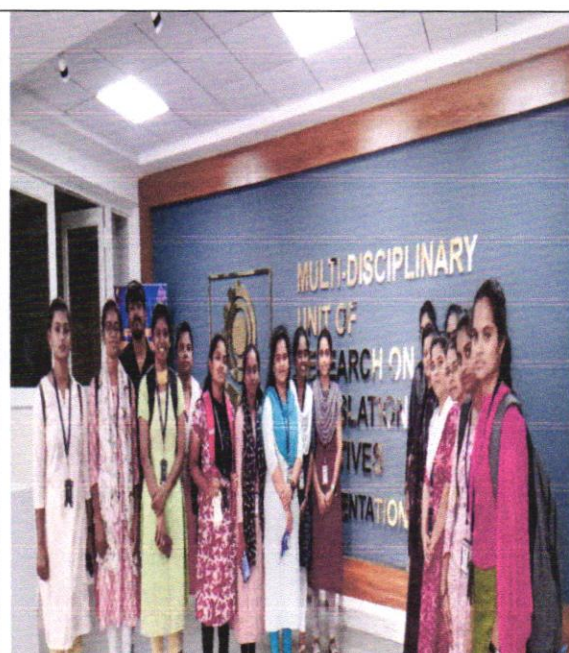




AT VISAKHA DAIRY



AU CENTRAL INSTRUMENTATION LAB

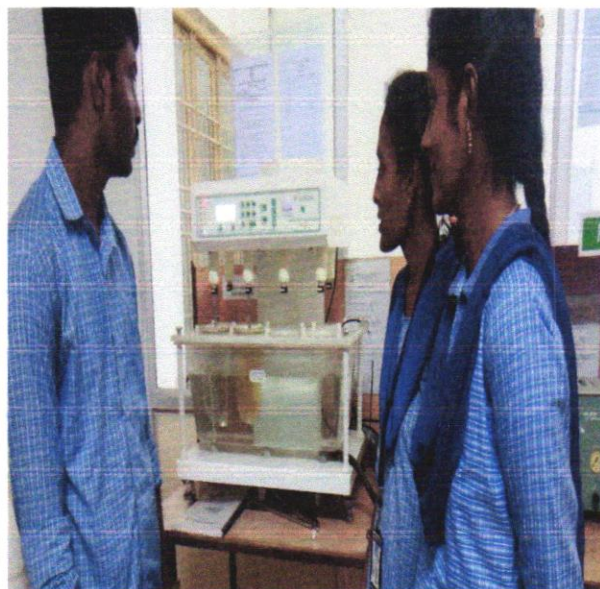


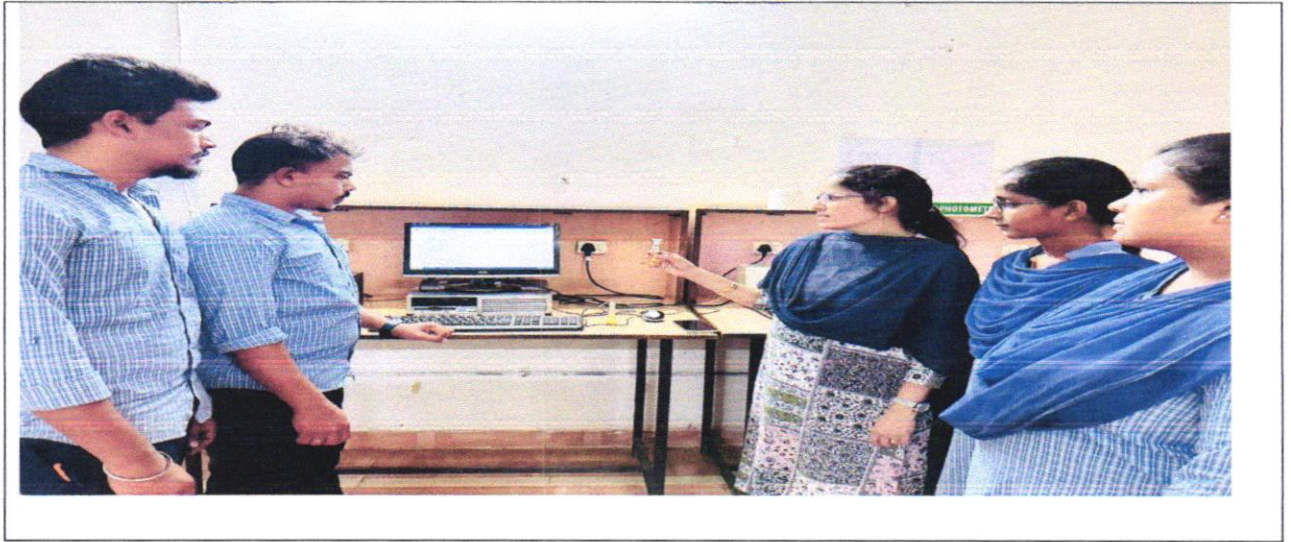
AT -GITAM MURTI LAB

COMMUNICATION AND SOFTSKILL TRAINING



PROJECT WORKS





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