



# ADITYA PHARMACY COLLEGE

Aditya Nagar, ADB Road, Surampalem - 533437

## 7.2.1 INSTITUTIONAL VALUES AND BEST PRACTICES



**2020-2021**

### ADITYA PHARMACY COLLEGE

(APPROVED BY AICTE, PCI - NEWDELHI & JNTU KAKINADA)

Aditya Nagar, ADB Road, Surampalem-533437

East-Godavari District, Andhra Pradesh, INDIA

Phone No.:0884-2326212, Fax:0884-2326203

Email: [office@adityapharmacy.edu.in](mailto:office@adityapharmacy.edu.in) : [www.adityapharmacy.edu.in](http://www.adityapharmacy.edu.in)



  
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## 7.2.1 BEST PRACTICE

### **BEST PRACTICE – I** **INDUSTRIAL TRAINING PROGRAMME**

#### **TITLE OF THE PRACTICE:**

**INDUSTRIAL TRAINING, HOSPITAL TRAINING AND EXPOSURE VISITS.**

#### **OBJECTIVE:**

The main objective is to develop the Practical and Technical skills of the students and make significant contribution to the development of the new techniques for procuring employment in pharmacy.

**Aditya Pharmacy College** is striving hard to attain the following objectives.

- 1) To provide maximum Placements to the students with good technical skills.
- 2) To develop the basic skills of the students to the advanced level.
- 3) Continuous development of knowledge for the students from first year which helps them to build up their carrier.
- 4) Training in Placements is mostly focused on third and final year students which helps them to build their career in the right manner.
- 5) To enhance the Quality among the students through practical knowledge.
- 6) To conduct some activities related to the recent developments in the pharma courses through theoretical and Practical Programmes.
- 7) To develop strong competencies among the students rather than the mere qualifications.
- 8) To provide latest updates regarding the Pharma Industries.
- 9) To build courage among the students to face the technical rounds in the placements.
- 10) To gain maximum knowledge regarding the industrial production.
- 11) To develop the Clinical skills also among the students along with technical skills.



A green handwritten signature of the Principal.

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### **CONTENT:**

In the present condition, there is a need of well qualified and knowledge skilled employees to perform the required tasks. The motive is to develop the skills of the employee and student's knowledge in all the disciplinary areas with quality output to achieve highest positions in the present competitive word with best and highest salary package through

- ❖ Collaboration of the college with respective industries.
- ❖ Giving importance to student's goal and jobs.
- ❖ Programmes to enhance the skills of the students.
- ❖ Hand training programmes.
- ❖ Information on the latest equipment and its operating procedures.

### **PRACTICE:**

Aditya Pharmacy College (APC) provides student's exposure to the industries to gain the practical knowledge by hands on training in various departments like Q.C (to practically handle various advanced instruments), Q.A (to know regulatory requirements required for the industry), Production (to know the Processing problems and various advanced techniques in manufacturing and also to learn about guidelines related to ICH, WHO, USFDA etc...).

From the beginning of their course, the students are guided by the faculty towards the communication skills, Group Decisions and tips given for attempting the competitive exams, knowledge regarding the recent advancements and achievements in the pharma world from small scale industries to the large-scale industries. So that the student can develop more knowledge and technical skills regarding handling of the equipment by the end of the course.

It gives an opportunity to the students to enhance their knowledge, to develop their basic skills to mould their future into a fruitful way. The institution addresses the requirements of the students according to their interest and encourages them to develop their skills required to build up their beautiful future.



  
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The industrial training programme consists of technical skills like handling of the equipment, knowledge regarding receiving and storing of the raw materials, performing tests for the raw materials, dispensing of the raw materials, technique involved in the production area, production of the formulations (Solid, semi – solids and liquids), collection of the finished products, test procedures carried out for the finished dosage forms, things to be considered for the accepting or rejection of the dosage forms, labelling and storage conditions along with the transportation of the dosage forms until it reaches to the market for dispensing.

Along with this Pharm D students are also being trained in the clinical areas by having the hospital visits to have the knowledge regarding handling of the cases of the patients, how prepare a case sheet for the patients, how to diagnose a patient, to learn the terminology regarding the diagnosis, to learn the prescription of the medication for the particular diseases etc... from the starting of their course and by the end of the course the student was capable of attending the patients regarding various problems and can prescribe the medication on their own to the patients. Also, the students are provided with software's like Micromedex to determine the drug incompatibilities.

From the first year onwards, training was given to enhance the general knowledge, English Language for Communication, Group discussions, Time management and goal setting.

The major steps undertaken by the programme are

- The programme runs parallelly with the academic schedule.
- From the first year weekly 1 – 2 hrs, intensive training is given to the students to develop their communication skills and English vocabulary for facing the placements.
- The programme includes monthly quiz, group discussions and debts on the technical skills to check and analyse the performance and abilities acquired through the program.
- From 3<sup>rd</sup> and 4<sup>th</sup> years regular visits to the industries was taken to given live practical knowledge about the pharma industries.
- The programme gives more knowledge regarding handling of the various instruments and equipment placed in the industries.



  
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### **EVIDENCES:**

- The evidences of success include the active participation of the students in the industrial visits, MOUs obtained from the respective industries for the development of the technical skills.
- During the visits care was taken for the clear explanation of the techniques involved in the industries by the experts present in the industry.
- These technical skills enabled the students to achieve better positions in the placements in various reputed companies.
- The eligibility of the students for the placements gradually increased.
- The institution has taken all the required steps for the enhancement of the student's skills through this programme.
- Special care was taken regarding the students who is weak regarding the basics.



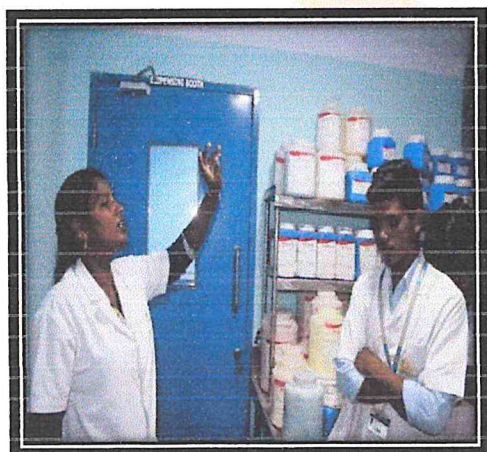
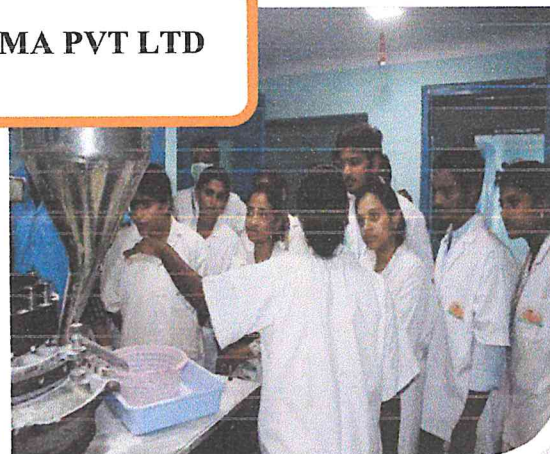
**GREEN PARK BIO- SCIENCES**



  
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# SELDOM PHARMA PVT LTD



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### **PROBLEMS ENCOUNTERED & RESOURCES REQUIRED:**

1. Most of the students are from various states in India and from different countries around the world were joined to achieve their goals. In this regard to improve communication skills special orientation cum communication skill development classes are implemented for development of communication skills.
2. Quality, Dedicated & Committed trainers are required for this programme.
3. For handling of the equipment and for special training technical persons with good technical skills and trainers are required.
4. More time must be provided for the development of technical skills.
5. Motivation of the students towards the research works and more facilities must be provided for the research work.

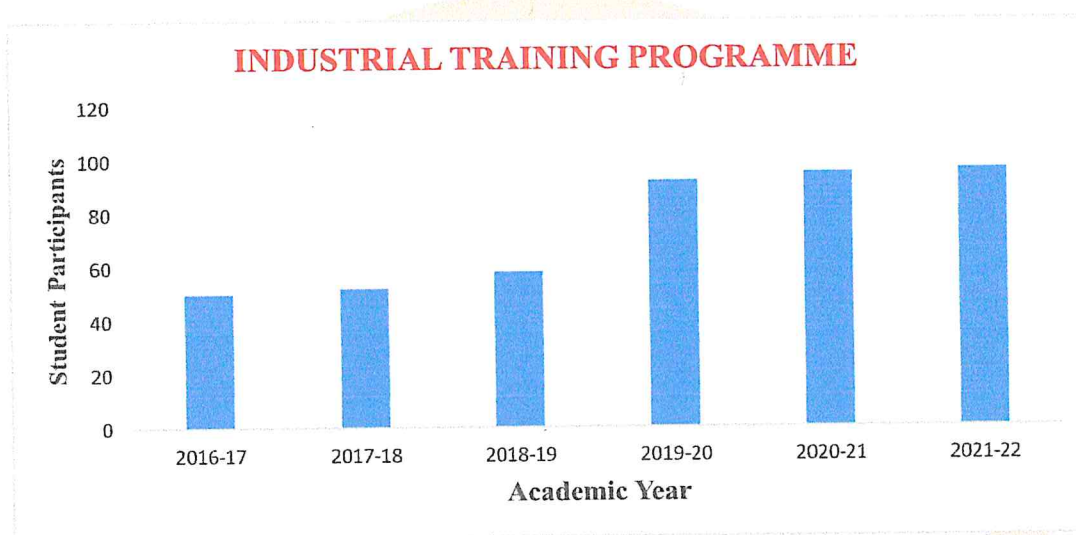
### **INDUSTRIAL TRIANING PROGRAMME DATA**

Academic Year	2020-21	2019-20	2018-19	2017-18	2016-17
Eligible students	70	50	45	57	90
Placed Students	66	40	33	35	37
Percentage	94.28	80.00	73.33	61.40	41.11
Average Package (In Lakhs)	3.80	3.55	2.90	2.60	2.48
No. of Companies visited	2020-21	2019-20	2018-19	2017-18	2016-17
	8	3	3	3	2



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### GRAPH REPRESENTING INDUSTRIAL TRAINING PROGRESSION



  
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## **BEST PRACTICE – II**

### **CONSERVATION OF NON-RENEWABLE RESOURCES**

#### **TITLE OF THE PRACTICE:**

#### **CONSERVATION OF NON-RENEWABLE RESOURCES**

##### **1. OBJECTIVES:**

The main objectives of are

- To protect the environment by conserving the Non-renewable resource.
- Save the natural resources to replenish the earth.
- To reduce carbon footprints.
- To represent institute as role model in the society.
- Save resources is saving money leads growth of economy.
- To take initiative in creating awareness in understanding energy conservation for sustainable development among students, staff, and stake holders of the college.

##### **2. THE CONTEXT:**

The need for conservation of natural resources is safeguarding the environment. Non-renewable resource is depleting. So, it's an immediate concern to depend on renewable resource. Most of college work depends on electricity that is produced through renewable and non-renewable resources. Conventional energy resources pollute the environment by releasing harmful gases. Conventional energy sources are very limited. By burning of fossil fuels greenhouses causing global warming and climate change. Saving energy is saving money that helps economy growth of a country. Energy conservation can protect the environment by reducing carbon emissions. Generating electricity would give the prime benefits like reduction of electricity bills. As educational institutional we have taken a forward step to preserve environment and motivate all.

##### **3. THE PRACTICE:**

The solar power generation plant installed in the year 2018 producing 500kW power to meet college needs and additional power is sent to Andhra Pradesh State Electricity Board (APSEB). It has significantly reduced the requirement of regular electric supply. The institute is wheeling the power generated from roof top solar panels to the grid. The unit is shared with the grid is reduced from actual consumption. Our college is encouraging the staff and visitors to use the battery powered vehicles instead of motor vehicles. LED bulbs are used with in the campus to reduce the electricity consumption.



  
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Our campus follows the most common strategy for conservation of non-renewable resources include the three R's- Reduce, Reuse and Recycle.

Our campus converts the waste materials into utilizable sources which is used for many activities.

**4. EVIDENCE OF SUCCESS:**

- The use of solar energy in the college has reduced the electricity bill.
- The total electric energy savings are estimated at 17,324kwh/year and the corresponding monetary savings are 1.73 Lakh/year
- CO2 reductions due to energy savings would be 14t CO2/yr.
- The biogas plant is installed to utilize the waste food and plant residue to produce more eco-friendly energy.


**5. PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED:**

- Less solar power is generated in the rainy season.
- Awareness and efforts are required from everyone for best possible utilisation of electricity that leads to protection of environment.
- Less cooperation and lack of awareness among the students.

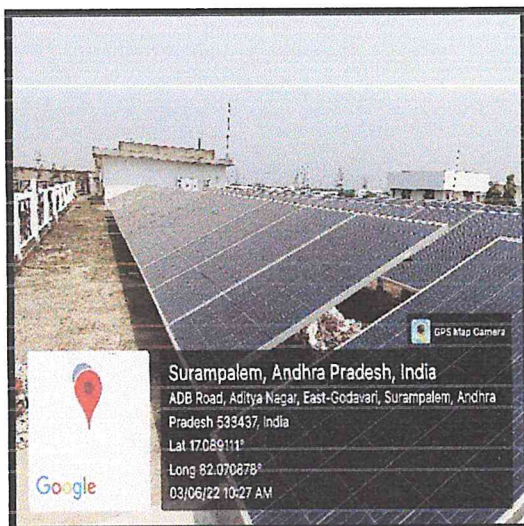


**BATTERY VEHICLE**

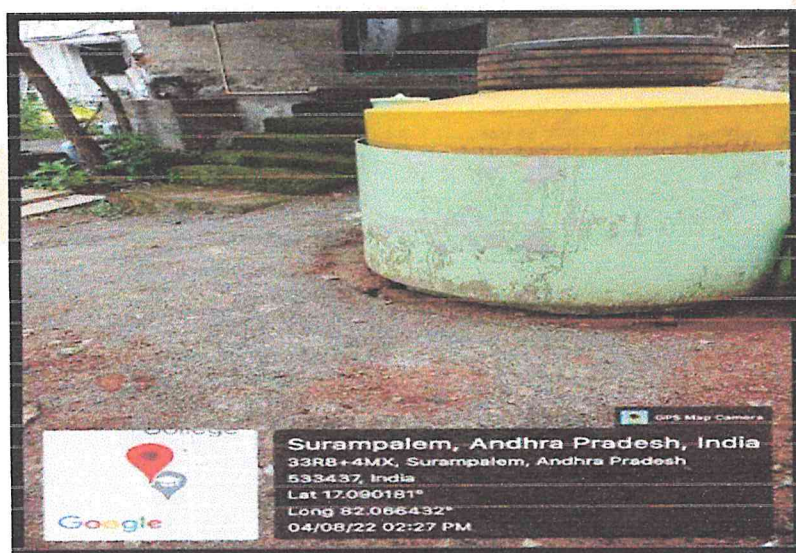


  
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## SOLAR PANELS



## BIOGAS



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### LED BULBS

Year	2016	2017	2018	2019	2020	2021
UNITS	578691	567351	558532	534458	567016	56170
AMOUNT	5421851	5315605	5232978	5319804	924133	526266



Principal  
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