

BEST PRACTICES

Practice 1 :

1. Title: Interface between Academia and Research Institutes through Projects, Internships etc.

2. Objective of the Practice: To promote a spirit of research through hands on experience.

3. Context: Need to encourage faculty and prepare students for applied research and entrepreneurship.

4. The Practice: The primary intention is to prepare students empower students in manifold ways. Faculty and students are encouraged in critical thinking, applied research, problem solving skills and entrepreneurship. Some Departments collaborate with each other and also have MoUs with industries, academic bodies and other recognized institutes for research and development. Most Departments arrange for interaction, exposure to experts so that their domain knowledge is strengthened and skills are developed.

A few examples:

- Department of English students attend the Hyderabad Literary Festival
- Department of Chemistry take their students to CSIR.
- Students from the Department of Botany and Zoology go on field visits.
- Students of the Microbiology Department are encouraged to do research and develop patents.
- Students from the Department of Commerce and Business Management are encouraged to go for internships and entrepreneurship.

5. Evidence of Success:

a) Patents developed and granted

Microbiology: Patents developed. The students under the headship carried out the project "Toothpaste Composition with Improved Oral Health" and after presenting it at various seminars a patent was filed and published. The pride of the moment was when this patent was selected for **Telangana Innovation Yatra** after undergoing through **TS Hackathon**.

b) Department of Chemistry: Dr. Sarita Rajendar has two patents granted to her credit.

c) Department of MBA: IOB has conducted an incognito survey throughout its city branches wherein the MBA students were chosen and paid stipend. IOB offered internships to our students.

MBA students were also part of an Entrepreneurship Development Program in collaboration with **ni-msme**. After a 15 days training program on how to start a business, students came up with a business plan for start-ups like:

- Plan 1: Soya Milk and Tofu Manufacturing Business plan
- Plan 2: Edible Cutlery Business Plan
- Plan 3: Ammamma Gari Pachadlu Business plan
- Plan 4: Miss India Business Plan
- Plan 5: Solar Panels Plan
- Plan 6: SUV bakers Plan

d) Department of English: The Department of English exposes students to creative writing with visits to Hyderabad Literary Festival every year as well as lectures and an International Webinar on Creative Writing can boast of two student writers in the recent past.

Faculty Dr. A Sreedevi has established herself as a poet and was awarded the 'Poet of the Prowess'.

Sania Zafar a student published her debut novel *Addressed to Heaven*

Satish Patel a student published two novels and his novel, *In The Name of Queen* and was even felicitated with an international award from Yatha Katha

e) E Content

- **Department of Commerce:** B. Com. E-Commerce students final year as part of their required final year projects developed and produced E-content that were uploaded on Youtube on topics such as Tally, Financial accounting, Facebook Security, Excel spreadsheets etc.

https://nizamcollege.ac.in/NC/studentproject_internship_fieldproject.pdf

- **Department of Microbiology:** Microbiology students also have a Youtube Channel on which they regularly upload lectures and experiments, practical demonstrations.

<https://youtube.com/channel/UCQpaPsKsne3f2i8zvxpkkfw>

- **Department of Sociology:** Dr. Vinita Pandey has prepared Module for MOOCs-Swayam on Urban Sociology and Urban Development.

f) Field Visits:

Students from many departments such as Chemistry, Botany, Zoology, Psychology and Sociology go for field visits for a practical exposure.

6. Problems Encountered and Resources Required:

- a) A number of students who join the College are not from the affluent sections. Hence they find it necessary to get into a job as soon as possible or they go into long term preparation for government jobs.
- b) Some students who prefer to join MNC's have not shown interest for attending training programs or workshops on start-ups and business.
- c) Students who chose to flourish as writers find financial success important and hence cannot pursue writing as a career.
- d) Nizam College under Osmania University has many financial issues with the Centre and State government not granting enough towards education sector, recruitment of regular faculty.

Practice 2

1. Title of the Practice: Nizamians Care Initiative.

2. Objectives of the Practice:

To make students more socially responsible and produce future leaders.

Principles or concepts: Nizam College with 135 years of grand history produced several revolutionary, politicians and educationists. In fact it came into existence out of the benevolence of the erstwhile Nizam rulers. It has served its purpose by not only imparting education but producing great people who occupied important positions in various fields. Many of our alumni served the nation at various levels. These people are always role models to the present generation students. Though these several organizations have different philosophical thoughts but come together on a single platform to help college, students and social services. College faculty always encourages students in gaining awareness and doing social services.

3. The Context

In the present scenario where age old values of fraternity and philanthropy are getting lost in cut throat competitive and consumerist spirit, Nizam College is consistently keeping up its tempo of inculcating the spirit of philanthropy. In the current society where the basic unit of families is being threatened, society at large is destroyed by preferring finance over fraternity; human beings are living in a never ending age of the need for self-gratification. But, Nizam College has been successful in impressing upon the students the values of being concerned about human welfare and the world at

large. Nizam College planned and executed the experiment of social activism to make proud citizens of the nation.

4. The Practice

Nizam College students are very active in various social services. The village Batsasingaram is adopted by our students. They have established a library apart from helping in developing the village with cleanliness drives, donation of food, stationery, blankets, etc. The NSS units organize several activities such as Medical Camps, Blood Donation drive, Swatch Bharat programs, Visiting slums, Orphanages, Old Age Homes, Conducting Educational Camps government schools, Offering Career Program etc. Even during Covid 19, our students went as volunteers to distribute grocery and food etc. Apart from NSS units, our students also tie up with NGOs like Friends Being Helping Hands and Oyster to carry out these works.

5. Evidence of Success

Nizam college students works for betterment of overall life of peoples in selected areas in and around Hyderabad. NSS students went on a One week rural development camp at Khanapur near Ibrahimpatnam. A few villages like Pratapasingaram, Erajpally and Medipalli were adopted for overall development and Libraries are established and being maintained. There is a significant improvement in literacy, environment, and agriculture aspects in these adopted villages. Some of our students undergo a 3 month certificate course in youth community orientation program from OYSTER. Volunteers with best services are provided with Rupees 4000 scholarship. Our students from OYSTER have bagged 5 awards of state and national level and received funds to execute projects from GHMC and HMWSS.

Problems Encountered and Resources Required.

- A) Mobilization of financial resources was also a big task along. As a State University, we do have limitations in the budget sanctioned. Now many sponsors under Alumni are coming forward and providing financial and technical aid.
- B) Regarding human resources since Nizam College has toppers of Plus two, many students focus more on education. Convincing them for additional activities was difficult. However, when they are sensitized about maintaining human Values they realize the importance of social service and many join NSS and help on a regular basis or join as volunteers for some programs.
- C) Post Covid , we have been facing challenges of student participation in these programs for various reasons.