

BEST PRACTICE - 1

1. TITLE OF THE BEST PRACTICE INNOVATIVE PRACTICES IN CURRICULUM ENRICHMENT AND IMPLEMENTATION

2. OBJECTIVES OF THE PRACTICE: To develop through knowledge of the subject and other relevant skills. To provide adequate learning opportunities for slow learners and advanced learners. To bring effectiveness in teaching-learning practice.

3. THE CONTEXT: All the departments of NNRG have put in tremendous efforts in the implementation of curriculum with various innovative practices like implementing add-on programmes, certificate programmes and vocational education programmes which will impart the subject knowledge along with employability skills to the students. The institute is practicing innovative teaching methodologies like participative learning, flipped classes, ICT based learning etc. to make a balance among slow learners and advanced learners and to produce globally competent and ethically strong professionals.

4. THE PRACTICE:

NNRG has adopted innovative practices with defined schedules, adequate duration and required practical skills. The students are permitted to register as per their interest. The courses range from foundations of Mathematics, English, Physics and other Engineering, Pharmacy and Management Sciences to advanced courses like CAD-CAM, Robotics, IOT, Implementation of Software Applications, Computer Aided Drug Design, Artificial Intelligence, Design of Civil Engineering structures using Primavera, Staddpro, E-tab, Financial Modules etc. All the courses are developed by the faculty members with consultation of subject experts and approved by the Institutional Academic Committee. In addition to the above courses, arranging internships, field trips and industrial visits with different organizations including MOU firms under industry institute interaction cell.

5. EVIDENCE OF SUCCESS:

It has been witnessed that majority of the alumni have been functioning effectively in the reputed institutions and industries and the success of alumni was a strong motivational factor for the juniors. The student's success rate was identified in the improvement of their communication skills, subject knowledge and performance in placements. The institute database indicates that majority of the students felt that they are benefited tremendously by the courses introduced in addition to the regular syllabus of the university. They opined that the ICT tools played a dramatic role in understanding the concepts more effectively. The students from rural background utilized these opportunities and succeeded in their career.

6. PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED:

- Time is the main constraint for both the students and faculty members in smooth functioning of the programs.
- Lack of awareness among the students on the advanced programs.
- Sustaining student interest in completing the course with the desired objective is one of the challenges. Getting adequately trained faculty to teach the skill based concepts.

- Unwillingness among the students to take sustained interest in the opportunities provided by the institute.

The Resources required identified as:

- Manpower - Requires expertise as well as upgrading the existing faculty for the conduct of the programmes.
- Cost – All programmes are offered at free of cost and contributed by the institution. Financial assistance for training of teachers is required.
- Time - Additional working hours are allotted into the regular schedules.
- Infrastructure - The classrooms, library and laboratories are available in the institute.
- Transcript - the certificates are provided.

BEST PRACTICE-2

1. TITLE OF THE PRACTICE: SERVICE AND LEARNING THROUGH OUTREACH PROGRAMMES

2. OBJECTIVES OF THE PRACTICE:

- To inculcate the values in education and a sense of social responsibility in students.
- To motivate the students with the spirit of active involvement in the service to the society.
- To encourage young minds to work together, give back to our community and society.
- To make awareness in rural population and members of the low-income group to prevent contagious and other diseases like malaria, dengue etc., and to maintain nutritious and balanced diet.
- To donate blood to the needy people and save their lives. To promote volunteerism and community-based work in the field of education.
- To contribute to the cause of total literacy campaign through participation of students in their own localities and to empower the domestic workers and underprivileged sections of the society through literacy.
- To create awareness on Environmental sensitization of near and local areas.
- To create awareness on digital literacy through adoption of the village.

3. THE CONTEXT:

Social responsibility has been a fixture in the higher education institutions to contribute good health and welfare of society. Nalla Narasimha Reddy Education Society's Group of Institutions (NNRG) has

involved in civil and community service through outreach programmes. The success of an institution indicates the development of community and society. The students and faculty members are being involved for the development of the society by utilizing the resources of the institute. The institute is working for the empowerment of women, uplifting literacy, prevention of diseases etc. under community development. The institute is promoting values in education to the society by its contributions through various activities. The institute is working in association with local bodies and developing local communities.

4. THE PRACTICE:

NNRG is organizing various social service activities as a part of the outreach programmes. Some of these are,

Swachh Bharat :

Students participated in Swachh Bharat programs through the institution's NSS unit and cleaned institution's surroundings, roads of the adjacent villages. Also planted samplings and watered them regularly within the campus and in nearer villages like Korremula, Pratapasingaram and Chowdariguda. Created awareness to the villagers about cleanliness, contagious diseases, and construction of toilets and problems which arises through open defecation.

Medical and Health awareness camps :

NSS unit also organized local tour in near villages to create awareness on baby care, breast feed and deworming. It is observed that majority of village women feeding their kids, but some of them are not using sanitary napkins which causing UTI. Pharmacy students explained the importance of sanitary napkins to women and the way to dispose them. Pharmacy students of NNRG through NSS unit organized medical camps in Korremula, Pratapasingaram and Chowdariguda villages. Also conducted healthcare awareness camps on Diabetes, Hypertension, Thyroidism and Antibiotics use. It is also observed that some of them are habituated to smoking, drinking alcohol. Pharmacy students created awareness and advised the evils of these bad habits to them with visual aids.

Telangana Information Technology Association (TITA)

TITA recruited NNRG students as volunteers and they are actively participated in creating awareness about computer knowledge to rural people including government school students. NNRG students visiting nearby villages and identifying the candidates for digital literacy and providing the training in digital operations in the institution's computer labs. They also conducted DIGITHON in Prathapasingaram.

Digital India Programmes:

Students are participated as a part of Digital India to make awareness in cash less transactions, security and safety measures while doing the online bank transactions and mobile banking etc.

Center of Human Excellence

The institute is promoting human excellence through its well established Swami Vivekananda Center for Human Excellence under the aegis of Ramakrishna Matt, Hyderabad. This center is working towards

development of human values and professional ethics. Eminent personalities and motivational speakers are invited for the benefit of students and faculty members.

Blood Donation Camps

Every year students, faculty and staff members are participating in blood donation camp and donating blood through the various organizations like Indian Red Cross Society, Lions Club, Ray of Hope, Rudhira etc. in large amount.

5. EVIDENCE OF SUCCESS:

Students and staff donated large volumes (units) of blood in different blood donation camps held at NNRG and saved the lives. Achieved 100% digital literacy in students of Prathapasingaram village ZPHS through Digithon program. Treated the diseases of villagers through the diagnosis and medicines distribution through the medical camps conducted. The volunteers worked in the programs in TITA are employed in reputed companies. Students are selected as volunteers by Rama Krishna Matt, Hyderabad through their excellence in service.

6. PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED:

Time is a major constraint as the students are busy in their regular academic schedules. Lack of experience in community work and lack of cooperation from other officials is another challenge in the implementation. Lack of awareness on the part of the community about various schemes. Financial constraints in the implementation of large targeted areas. A detailed plan with all stakeholders, regular interaction of students personal meeting by the staff with various officials, prompt supervision and guidance, sharing of experiences, monitoring and evaluation of programmes and sharing with the help of various clubs and societies are some of the strategies to overcome the above challenges.

The resources required are:

Financial resources towards creating awareness, training, computers, medicines and other equipments. Certain portion of expenses shared by the contribution of management and faculty members. Human resources in the form of experts, faculty and students. Institute is engaging the programmes with the existing faculty.