

## **1. Title: Scholar Club**

## **2. Objectives of the Practice:**

1. To ascertain scholars and groom them technically and professionally
2. To excel scholar students with technical education in new subject areas and interpersonal skills
3. To sharpen the versatile skills of the students with not only in good academics but also a global citizen by imparting trainings on etiquettes & professional ethics.
4. To enrich students to enable them to meet the industry needs and to be recognized globally through group discussion and mock interview
5. To understand & identify the gaps between industry & academia, in order to groom them to get good placements.

## **3. The Context:**

Students were trained to improve English Communication skills as students are from village places. The modules include like grammar, passage writing and telephonic conversation practices not only to improve professional English Communication but also build their confidence to face an interview.

Students undergo thru' various industry training programs as the syllabus is more centric towards gaining the basic knowledge of subjects.

It is very difficult for the students & faculties to cope up with the industry trends as the speed to change in technology is every minute & SPPU syllabus revision is every after 6 years, hence in order to bridge the gaps also to give them the exposure to serve the practical work, hands on trainings & certification programs have been organized for students & faculties.

These various training programs help the students to get ready to work by improving the personality, aptitude & soft skills. Also by imparting the knowledge of ethics and etiquette.

## **4. The Practices:**

Following is the criteria to select students for Scholar Club activity

SE/ TE/ BE students have top academics score in last academic year, who are also best in extra-curricular activities get chance to be a part of this club from all branches every year to avail various benefits under this club such as ,

1. Book bank from college library as well as dept. library
2. Soft skill training certification programs like Trinity Grade Certifications
3. Language certification programs like Autodesk, Catia, C++, Java, Python, STAAD.PRO, PLC- SCADA and ETABS.

The domains with certification programs are identified with respect to the trends & demands in the industry by the respective depts. & activities are planned accordingly.

The resource persons are one of the renowned speakers/expert on the specific domain, are invited to deliver the hands-on session by utilizing the infrastructure of institute. Scholar club organized various domain specific activities to technically equip students as follows during last five years:

1. Programs for creating a business centric apps and gaining extended leads in the form of new customers. As customers are embracing the method of interacting with the business through their smartphones, it is more than essential for business owners to have their own Android mobile apps, R, Hadoop, and Postgres.
2. STAAD.PRO is a structural analysis and design program with applications primarily in the building and Real-estate industry- like commercial buildings, bridges and highway structures, industrial structures, chemical plant structures, dams, Turbine foundations, culverts, other embedded structures etc.
3. ETABS is a highly efficient analysis and design program developed especially for building systems. It is loaded with an integrated system with an ability to handle the largest and most complex building models and configurations.
4. STAAD. PRO is a new tool for Civil Engineering Students which is in huge demand now a days.
5. Students getting more hands-on practice of different Mechanical software's like Autodesk, Catia, etc
6. E& TC student were exposed to PLC-SCADA handson training programs on the industry tool kit.

The details of the soft skill training program are as follows:

- The students were trained for the international Graded Examination in Spoken English (GESE) by Trinity College, London.
- Total 57 students were selected for the scholar club. 50 students enrolled for the certification, 27 for Grade 4 and 23 for Grade 5 during academic year 2014-2015, 2015-16.

## 5. Evidence of Success:

Over 350 students were certified for 10 certification programs in different domains by the experts during last five academic years.

Year	No.of students identified	Name of certification program organized	Resource Person/Organization	Department
2017-18	25	Staad Pro & E-Tab	Sky Leap Technologies LLP, Pune	Civil
2016-17	15	Staad Pro & E-Tab	Apex Consultant,Pune	
2015-16	54	Staad Pro & E-Tab	Hitesh Lahoti & Associates, Pune	
2017-18	25	Data Science	Internal Faculty	Computer

		and Big Data Analytics	Members (who were Trained by Mr.Ravichandiran)	
2016-17	32	Android App Development	Mr. Siddharh Garg	
2015-16	30	Spoken English	Mrs. Zulekha Merchant	
2015-16	35	Diploma in Android App Development	Mr.Rahul Patil	
2014-15	13	Spoken English	Mrs. Zulekha Merchant	
2014-15	5	BSNL Certification	BSNL Chinchwad	EnTC
2015-16	75	ARM training in embedded systems	Eduvance, the educational arm of Vanmat Technologies Pvt. Ltd.	
2016-17	5	JAVA CORE		
2017-18	6	PLC & Automation	SKADA Technology Solution Private Limited	
2015-16	37	CATIA V5	Matrix Design & Training Institute	Mech
2015-16	31	AutoDesk Inventor 2015 Professional	Impetus IT Service	
2014-15	49	CATIA	Brilliant CAD Services	

#### 6. Problems Encountered and Resources required

1. Scholar students are only the parts of this activity , they were less in number hence industry wasn't ready to come on campus to train them hence we sent students over an industry
2. One of the challenge was also to accommodate this activity during routine timetable so extra hours are dedicatedly provided in time table
3. For few hands on trainings, requirement of very high configuration of computers was a great challenge.