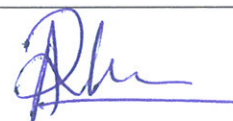# Action Taken Report- Curricular Aspects

Programme: Information Technology   Academic Year: 2014-15

Stakeholders	Findings/ Major Remarks	Action Taken

Students' feedback	**Findings from the quantitative analysis:**
	
	Adequacy of Industry-Institute interaction and beyond syllabus activities is good.
	
	Qualitative remarks by the stakeholders:
	
	• More no. of Internships would be beneficial to learn concepts in better manner.
	
	• More no. Co-curricular activities need to be organized.
	
	• Curriculum need to be more industry oriented.
		• More number of internship programs on topics like Software Project Management, Wireless Technology, Cloud Computing are proposed in the software companies and also undertaken by our stduents in the A.Y. 2015-16 (15 internships).
		• The number of value added programs were increased from 06 (A.Y.2014-15) to 08 (A.Y.2015-16).
		• Value added programs on advanced technology were proposed. Therefore, following programmes were conducted in the next academic year to mitigate the gaps in the curriculum.
		  o Oracle,
		  o Java
		  o Microsoft DOT NET
		  o R programming
		  o Android Apps
		• A workshop on advanced topics like System and Web security and tools was proposed and the same was organized in the A.Y.2015-16. Value added programs on R programming; Android Apps are proposed and conducted in A.Y.2015-16.
		
		• Faculties of Vidyalankar institute of technology are convener and members of syllabus revision committee. The stakeholder's suggestion for curriculum updation is taken into consideration in order to incorporate during syllabus revision meeting of university of Mumbai

Teachers' Feedback	**Findings from the quantitative analysis:** • Course contents are useful in pursuing higher studies. • Curriculum contents are useful to upgrade software and hardware skills. **Qualitative remarks by the stakeholders:** • Curriculum need to be updated with latest industrial trends. • Organize workshops on latest trends.	

Head of the Department

Action Taken Report: 2014-15

Programme: Computer Engineering

Stakeholder	Findings/ Major Remarks	Action Taken

Students' Feedback	**Findings from the quantitative analysis:**
	
	• Syllabus need to be more industry oriented.
	
	• Students are highly satisfied with Industry-Institute Interaction and co-curricular activities.
	
	Qualitative remarks by the stakeholders:
	• Organize value added program on recent trends such as internet of things.
	
	• Organize the programs which would be useful to understand the latest industrial trends.
		• Internship programmes in the small scale companies for the skill development were suggested and more number of students (21 to 27) were deputed in the A.Y.2015-16.
		
		• Value added programs were proposed and conducted on the following advanced topics
		
		   o Android App development
		   o Industrial Python Programming,
		   o Internet of Things
		   o Basics of Data Science Using R Programming

Teachers' Feedback	Overall teachers' feedback on curriculum is satisfactory. **Qualitative remarks by the stakeholders:** • Students need more exposure on programming languages used in the software Industry. • Value Added Courses which are more relevant to industrial trends would be beneficial. • Student's needs to be given projects related to current industry trends.	• Workshops on advanced topics like Mobile game development and Introduction to Unity 3D were also conducted in the A.Y.2015-16.

Head of the Department

Action Taken Report- Curricular Aspects

Programme: Electronics Engineering   Academic Year: 2014-15

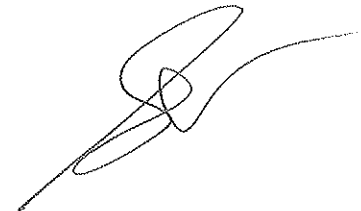| Stakeholders	Findings/ Qualitative remarks by the stakeholder:	Action Taken

Students' feedback	**Findings from the quantitative analysis:**
	
	• Adequacy of Industry-Institute Interaction and beyond syllabus activities is good.
	
	• Adequacy of Co-curricular activities is good.
	
	Qualitative remarks by the stakeholders:
	
	• Organize technical sessions to enhance circuit design skills.
	• Internships would be beneficial to learn the subjects like microcontrollers, Linear Integrated Circuits.
		• Workshops on:
		  o PCB Designing using EAGLE
		  o Electronic System Design /Embedded Systems
		  o Image processing using MATLAB
		were proposed to enhance technical skills and also implemented in the A.Y. 15-16.
		
		• Value Added Courses on Embedded C are proposed and implemented in the A.Y. 15-16.
		• Value added courses were increased from 01 (A.Y. 14-15) to 06 in the A.Y. 2015-16.

Teachers' Feedback	**Findings from the quantitative analysis:** • Course contents are useful for higher studies. • Curriculum contents are useful to upgrade software and hardware skills. • Syllabus need to be more relevant to Industrial recent technological development **Qualitative remarks by the stakeholders:** Workshops can be beneficial to students to cope with recent industrial trends.	• Certificate course on Embedded systems and IOT is proposed and implemented in the A.Y. 15-16 • Internship programs in the BARC, BPCL, RCF were suggested and students were deputed to these organisations. • Faculties of Vidyalankar institute of technology are convener and members of syllabus revision committee of University of Mumbai. Suggestions are recommended during syllabus revision meeting of university of Mumbai.

Head of the Department

Action Taken Report- Curricular Aspects

Programme: Electronics and Telecommunication Engineering   Academic Year: 2014-15

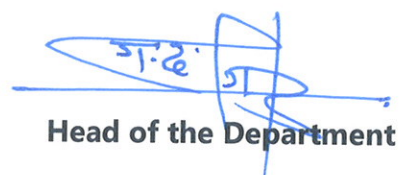| Stakeholders	Findings/ Major Remarks	Action Taken
Students' feedback	**Findings from the quantitative analysis:** • Adequacy of Industry-Institute Interaction and beyond syllabus activities is found to be excellent. • More no. of value added programs need to be organized. **Qualitative remark by the stakeholders:** Curriculum need to be more industry oriented.	• In order to provide better industrial exposure value added courses were increased from 01 (A.Y.2014-15) to 04 (A.Y.2015-16). • The guest lectures from industry experts were proposed and conducted in A.Y. 2015-16 to mitigate the curricular gaps. • Internship programs in the BARC, BARC, L&T and Doordrashan were suggested and students were deputed to these organisations.
Teachers' Feedback	**Findings from the quantitative analysis:** • Teachers are satisfied with the relevance of syllabus to Industrial recent technological development. • Most of the teachers acknowledged that course contents are useful to enhance analytical and technical skills of students and useful in pursuing higher studies.	

Head of the Department

Vidyalankar Institute of Technology, Mumbai-400037

Action Taken Report- Curricular Aspects

Programme: Biomedical Engineering

Academic Year: 2014-15

Stakeholders	Findings/ Major Remarks	Action Taken
Students' Feedback	**Findings from the quantitative analysis:** • Adequacy of Industry-Institute Interaction and beyond syllabus activities is good. **Qualitative remarks by the stakeholders:** • Internships would be beneficial to learn the subjects like Biomedical Instrumentation, Medical Imaging • Instead of theoretical subjects, more number of hands on training on medical instruments would be useful. • Curriculum need to be more industry orientd.	• More number of value added courses on advanced topics were proposed and the same were organized in the subsequent year. Total of 4 VACs were organised. • Faculties of Vidyalankar institute of technology are convener and members of syllabus revision committee. The stakeholder's suggestion for curriculum updation is taken into consideration in order to incorporate during syllabus revision meeting of university of Mumbai • In order to understand role of biomedical engineer and advanced instrument used in hospitals, industrial visits to Hospitals were proposed and the same is organized in the A.Y. 2015-16 to the the organisation titled AII Physical medicine and rehabilitation center.
Teachers' Feedback	**Findings from the quantitative analysis:** • Course contents are useful for higher studies. • Curriculum contents are useful to upgrade software and hardware skills. **Qualitative remarks by the stakeholders:** • Syllabus should be more relevant to current biomedical innovations. • Students need more exposure on biomedical instrumentation used in industry	

Head of the Department

Action Taken Report- Curricular Aspects (A.Y. 2014-15)

Stakeholders	Findings/ Major Remarks	Action Taken

Employer Feedback	**Findings from the quantitative analysis:**
	
	• Students are good in technical skills, analytical skills and communication skills.
	• Students have good Interpersonal and leadership skills.
	
	Following are the major remarks given by Employers:
	
	• The Students are decent; however there is scope for improvisation.
	• The quality of the students is really good. They are very proactive and enthusiastic.
		• In order to strengthen the technical capabilities of students following activities were proposed and organized in the A.Y. 2014-15.
		
		  o Skill development program by professional agencies.
		  o Guest lectures from industry experts.
		  o Industrial visits at various places in order to give a better industrial exposure.
		  o More no. of internship programs.

Alumni Feedback	**Findings from the quantitative analysis:** Alumni are highly satisfied with the mapping of the curriculum to their current job profile.
	
	Following are the major remarks given by Alumni:
	
	• More no. of Internships would be beneficial to learn concepts.
	• Organize value added courses and workshops on recent technological developments.
	• Upgrade contents of curriculum.
		• Value added programs and workshops on advanced topics such as,
		
		  o Mobile Game Development
		  o Oracle and Java
		  o Internet of things
		  o Electronic system design
		
		were organized in the subsequent year.
		
		• Faculties of Vidyalankar institute of technology are convener and members of syllabus revision committee. The stakeholder's suggestion for curriculum updation is taken into consideration in order to incorporate during syllabus revision meeting of university of Mumbai.

Principal

Vidyalankar Institute of Technology, Mumbai-400037

Action Taken Report- Curricular Aspects

Programme: Master of Management Studies   Academic Year: 2014-15

Stakeholders	Findings/ Major Remarks	Action Taken
Students' Feedback	**Findings from the quantitative analysis:** • Need to increase beyond syllabus activities. • Mixed response is observed for the syllabus of Mumbai University. **Qualitative remarks by the stakeholder:** • More number of hands on training should be incorporated. • More number of workshops or value-added courses should be conducted.	• Internship at UKSS and field trip was proposed organized in the A.Y.2015-16 • Financial modelling and Excel workshop is conducted in the A.Y.2015-16 • More number of management activities like E summit and Business Excellence Module were proposed and conducted in the subsequent year. • Elective subjects such as Financial aspects of marketing, Customer relationship management were proposed to mitigate the gaps. • Placement eligibility test was conducted for the III semester students. • Specialization selection workshop was conducted in the subsequent year.
Teachers' Feedback	**Findings from the quantitative analysis:** Most of the teachers acknowledged that course contents are relevant to the applied functional areas of management and keep the pace with industry. **Qualitative remarks by the stakeholder:** • Recent management content need to be added in curriculum • Course content should be related to the applied functional area of management.	
Alumnis' Feedback	**Findings from the quantitative analysis:** • Curriculum needs to be improved with current industry trends. • Most of the alumni are satisfied with the skills and knowledge acquired during execution of Summer Internship project & Final year project in the Industry. **Qualitative remarks by the stakeholder:** • Syllabus should be more relevant to Industrial recent management development. • Curriculum contents are relevant after the revision of new syllabus but can be improved further.	

Head of the Department

Vidyalankar Institute of Technology, Mumbai-400037