

Action Taken Report- Curricular Aspects

Programme: Information Technology

Academic Year: 2013-14

Stakeholders	Findings / Major Remarks	Action Taken
Students' feedback	<p>Findings from the quantitative analysis:</p> <ul style="list-style-type: none"> • Adequacy of Industry-Institute Interaction is good. However, still marginal improvements are required. • More number of value added programmes would be beneficial. • Curriculum need to be industry oriented. 	<ul style="list-style-type: none"> • In order to mitigate curricular gaps the workshops on Ethical hacking, Cyber forensics, HADOOP & BIG DATA, Core Java were suggested and also organized in A.Y.2014-15. • The value added programs were increased from 04 (A.Y.2013-14) to 06 (A.Y. 2014-15). • 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	<p>Findings from the quantitative analysis:</p> <ul style="list-style-type: none"> • Course contents are useful to enhance analytical and technical skills of students Course • Course contents are useful for higher studies. <p>Qualitative remarks by the stakeholders: Organize value added course on latest industrial trends.</p>	<ul style="list-style-type: none"> • To cope with the recent industrial trends and mitigate curricular gaps, following technical programs were suggested and organized. <ul style="list-style-type: none"> ○ Microsoft DOT NET ○ Internet of Things. ○ Raspberry pi and Arduino • Workshops on "PHP & Java script and Web Security tool, Ethical hacking and forensic were proposed and organized in the A.Y. 2014-15. • Significant increase (from 3 to 10) in number of guest lectures is seen in A.Y . 2015-16.



Head of the Department

Action Taken Report: 2013-14

Programme: Computer Engineering

Stakeholders	Findings/ Major Remarks	Action Taken
Students' Feedback	<p>Findings from the quantitative analysis:</p> <ul style="list-style-type: none"> • Adequacy of Beyond syllabus activities is good • Adequacy of Industry-Institute Interaction is good. • Adequacy of co-curricular activities is good. <p>Qualitative remarks by the stakeholders:</p> <ul style="list-style-type: none"> • Curriculum need to be more industry oriented. • Organize the seminars or workshops on recent technological trends. 	<ul style="list-style-type: none"> • The Workshops on the recent technologies were proposed. Workshops in the following topics were organized to mitigate the curricular gaps. <ul style="list-style-type: none"> ○ Bootstrap ○ Cloud Computing ○ Python ○ Artificial intelligence • Value added courses and workshops were also conducted on following topics. <ul style="list-style-type: none"> ○ Oracle ○ Core Java ○ Microsoft.net
Teachers' Feedback	<p>Findings from the quantitative analysis:</p> <ul style="list-style-type: none"> • Course contents are useful to enhance analytical and technical skills • Curriculum contents are useful to upgrade software and hardware skills. <p>Qualitative remarks by the stakeholders:</p> <ul style="list-style-type: none"> • More no. of Internship programs would be useful to students in order to get better practical exposure. • Syllabus need to be more relevant to Industrial recent technological development. 	<ul style="list-style-type: none"> • In order to mitigate the curricular gaps, the number of guest lectures were increased from 12 to 21 and number of Industrial visits were increased from 1 to 4 in the A.Y.2014-15 and 270 students participated for the same. • More number of students were motivated for the internships.


Head of the Department

Action Taken Report- Curricular Aspects

Programme: Electronics Engineering

Academic Year: 2013-14

Stakeholder	Findings/ Qualitative remarks by the stakeholder:	Action Taken
Students' feedback	<p>Findings from the quantitative analysis:</p> <ul style="list-style-type: none"> • Adequacy of Industry-Institute Interaction and beyond syllabus activities is Excellent. • Students have shown interest in Internship programs. <p>Qualitative remarks by the stakeholders:</p> <p>Curriculum need to be more industry oriented.</p>	<ul style="list-style-type: none"> • Workshops on topics: <ul style="list-style-type: none"> ○ System and Web Security tools, ○ Image processing and object follower using MATLAB ○ Raspberry Pi and Arduino were proposed to mitigate gaps and the same were conducted during the A.Y. 14-15. • Suggested more no. of internships to keep pace with recent industrial trends. 27 students participated in internships. • Faculties of Vidyalkar 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.
Teachers' Feedback	<p>Findings from the quantitative analysis:</p> <ul style="list-style-type: none"> • Course contents are useful to enhance analytical and technical skills of students Course • Course contents are useful for higher studies. • Curriculum contents are useful to upgrade software and hardware skills. <p>Qualitative remarks by the stakeholders:</p> <p>Syllabus need to be more relevant to Industrial recent technological development</p>	


Head of the Department

Action Taken Report- Curricular Aspects

Programme: Electronics and Telecommunication Engineering

Academic Year: 2013-14

Stakeholders	Findings/ Major Remarks	Action Taken
<p>Students' feedback</p>	<p>Findings from the quantitative analysis:</p> <ul style="list-style-type: none"> • Adequacy of beyond syllabus activities is good. • Adequacy of Co-curricular activities is good. <p>Qualitative remarks by the stakeholders:</p> <ul style="list-style-type: none"> • Syllabus need to more industry oriented. • Industrial visits can helps to understand practical aspects of satellite communication and Mobile communication. • Workshop on simulation tools can be beneficial to enhance software skills. 	<ul style="list-style-type: none"> • Industrial visit is proposed and organized in A.Y. 2014-15 in order to understand Importance of Astronomical data for Satellite launching. • To provide industrial exposure on 4G and LTE, Industrial visit was proposed at Reliance Jio and organized in A.Y. 2014-15. • 106 students underwent internship programmes. • Workshop on Microstrip Patch Antenna Design using HFSS Cad tool is proposed and conducted in the A.Y.2014-15
<p>Teachers' Feedback</p>	<p>Findings from the quantitative analysis:</p> <ul style="list-style-type: none"> • Course contents are useful to enhance analytical and technical skills of students. • Most of the teachers acknowledged that course contents are useful to enhance analytical and technical skills of students as well as for pursuing higher studies. <p>Qualitative remarks by the stakeholders:</p> <ul style="list-style-type: none"> • More no. of Guest lectures would be useful to get better industrial exposure. • Syllabus need to be more relevant to Industrial recent technological development 	<ul style="list-style-type: none"> • Number of guest lectures were increased from 10 (A.Y. 2013-14) to 16 (A.Y.2014-15) in order to mitigate curricular gaps. • To mitigate the curricular gaps, industrial visit was proposed and was also organized at CETTM-MTNL, Powai in the A.Y.2014-15



Head of the Department

Action Taken Report- Curricular Aspects

Programme: Biomedical Engineering

Academic Year: 2013-14

Stakeholders	Findings/ Major Remarks	Action Taken
Students' Feedback	<p>Findings from the quantitative analysis:</p> <ul style="list-style-type: none"> • Industry-Institute Interaction is observed to be good. • Most of the students are satisfied with beyond syllabus activities and co-curricular activities. • Syllabus prescribed by Mumbai University need to be more industry oriented. • Student need to get better industry exposure. 	<ul style="list-style-type: none"> • Faculties of Vidyalkar institute of technology are convener and members of syllabus revision committee. The stakeholders' suggestion for curriculum updation is taken into consideration in order to incorporate during syllabus revision meeting of university of Mumbai. • In order to provide better industrial exposure the following technical programs were suggested and organized in the A.Y.2014-15. <ul style="list-style-type: none"> ○ Guest lectures from industry experts (12 in number) ○ Internships in industry (28 in number) ○ Industrial visits (04 in number) • Value added course on "Biomedical Equipment Advanced Interface" was proposed and organized in the A.Y. 2014-15.
Teachers' Feedback	<p>Findings from the quantitative analysis:</p> <ul style="list-style-type: none"> • Course contents are useful to enhance analytical and technical skills of students Course • Curriculum contents are useful to upgrade software and hardware skills. <p>Findings from the quantitative analysis:</p> <ul style="list-style-type: none"> • Syllabus should be more relevant to Industrial recent technological development. • Value added course, Workshops and experts lectures are more useful to get better industrial exposure. 	



Head of the Department

Action Taken Report- Curricular Aspects (A.Y. 2013-14)

Stakeholders	Findings/ Major Remarks	Action Taken
Employer Feedback	<p>Findings from the quantitative analysis:</p> <ul style="list-style-type: none"> • Students have good technical and analytical skills. • Students' pro-activeness and leadership skills are satisfactory. <p>Following are the major remarks given by Employers:</p> <p>Training/ internship for a period of 1-2 months in industries will be useful to students in order to give them exposure on areas like applicability of theoretical knowledge/ personal conduct/ grooming and business communication.</p>	<ul style="list-style-type: none"> • In order to strengthen the technical capabilities of students following activities were suggested and organized in the A.Y. 2014-15. <ul style="list-style-type: none"> ○ Skill development program by professional agencies. ○ Guest lectures from industry experts. ○ More no. of internship programs. • Seminar on Project Implementation was organized in the A.Y.2014-15. • Value added courses and workshops on advanced topics such as, <ul style="list-style-type: none"> ○ Oracle PL/SQL, Microsoft.net ○ Artificial Intelligence ○ Raspberry Pi and Arduino ○ System and web security tools. <p>were proposed and organized in subsequent years.</p>
Alumni Feedback	<p>Findings from the quantitative analysis:</p> <p>Almost all alumni are satisfied with the co-curricular activities conducted for gap mitigation and the knowledge and skills acquired during project execution.</p> <p>Following are the major remarks given by Alumni:</p> <ul style="list-style-type: none"> • Students need to get better guidance for project work. • More no. of value added programs and internships would be useful to enhance technical skills of students. • More no. of industrial internships could be a source of acquiring additional practical skills. 	<ul style="list-style-type: none"> • Training and placement department proposed and organized professional training program "Brainware" to improve soft skills of students.


Principal

Action Taken Report- Curricular Aspects

Programme: Master of Management Studies

Academic Year: 2013-14

Stakeholders	Findings	Action Taken
Student Feedback	<p>Findings from the quantitative analysis:</p> <ul style="list-style-type: none"> • Adequacy of current Industry-Institute Interaction is good. • Students have acknowledged the efforts for organization of co-curricular activities like value added programs etc. <p>Qualitative remarks by the stakeholder: Curriculum needs to be more industry oriented.</p>	<ul style="list-style-type: none"> • To mitigate the curricular gaps, Industrial visit to Bombay Convention & Exhibition Centre- NESCO Ltd. (System Automation) was proposed and conducted in the A.Y.2014-15. • Guest lecture on Derivatives and Fixed income securities and glimpses of TATA was proposed and conducted.
Teacher Feedback	<p>Findings from the quantitative analysis:</p> <ul style="list-style-type: none"> • Teachers are satisfied with the relevance of course content to applied functional areas of management. • Most of the teachers satisfactorily marked that the syllabus is relevant to new technology platforms and disruptive technologies. <p>Qualitative remarks by the stakeholder: Need to improve soft skills of the students.</p>	<ul style="list-style-type: none"> • Curriculum revised by the university considering applied functional areas of management. • NDTV campus talk organized for the students on topic – technology and young India in the A.Y.2014-15.
Alumni Feedback	<p>Findings from the quantitative analysis:</p> <ul style="list-style-type: none"> • 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. <p>Qualitative remarks by the stakeholder:</p> <ul style="list-style-type: none"> • More emphasis needs to be given on analytical & problem-solving capabilities. • More number of Co-curricular activities needs to be improved with respect to industry. 	<ul style="list-style-type: none"> • Business Excellence module conducted for students. • Specialization wise conceptual test was proposed and conducted in subsequent year. • Dale Carnegie course was proposed and organized for soft skills developments in subsequent year.



Head of the Department