

Dr. Vinayak Ashok Bharadi  
Associate Professor,  
HOD-IT Department,  
Finolex Academy of Management and  
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Ratnagiri, Maharashtra-415639  
Date : 25/05/2021

To,

Respected Principal,  
Finolex Academy of Management and Technology,  
Ratnagiri, Maharashtra-415639

**Subject: Report on Syllabus Review Feedback**

Respected Sir,

I Dr. Vinayak Ashok Bharadi, Associate Professor of IT Department, FAMT Ratnagiri would like to inform you we have conducted a survey for the Review of Syllabus Design. The inputs were asked from the stakeholders of FAMT and IT Department. The final report is prepared and attached herewith.

Kindly approve the report and allow us to forward it to Chairman of Information Technology PBOS and Dean Faculty of Technology of Mumbai University.

Thank You,  
Yours truly,



Dr. Vinayak Ashok Bharadi.  
Associate Professor, HOD -IT Department.  
FAMT Ratnagiri.



## Report on Syllabus Design Review feedback for a IT Engineering (Four Year B. E. Course of Mumbai University)

### 1. Introduction

Reviewing a syllabus and collecting feedbacks from the various stakeholders is an important activity to get the comprehensive information about the syllabus designed for any university. As an affiliated institute, Finolex Academy of Management and Technology, The Department of Information Technology, conducted this activity and collected feedback from various stakeholders such as students, faculties, alumni, parents, and employers. We have used Google form to get the input from the stakeholders. We have received total 69 responses (Student – 67, Faculty – 03, Parent – 11, Alumni – 17, and Employer – 2). Figure 1 shows the contribution of each stakeholder.

Select Your Category  
100 responses

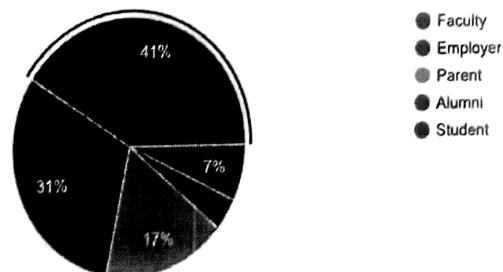



Figure 1: Number of stakeholders participated in the review feedback



## 2. Construction of review/feedback form for various stakeholders

To get the input from various stakeholders, we have designed and constructed the Google Form and included various fields such as personal information of the stakeholder, opinion about the syllabus at different context, suggestions, requirement of certifications etc. The sample form is shown in Figure 2.

Syllabus Design Review Feedback	Parent Feedback																																																		
<p><b>Syllabus Design Review Feedback</b> After filling the first page data, please enter your responses on specific section belonging to your category. * Required</p> <p><b>Finolex Academy of Management and Technology, Department of IT Engineering</b></p>  <p>1. Please Enter your Name *</p> <p>2. Please enter your email ID</p> <p>3. Select Your Category * Mark only one mark</p> <p><input type="radio"/> Faculty Skip to question 4  <input type="radio"/> Employer Skip to question 6  <input type="radio"/> Parent Skip to question 9  <input type="radio"/> Alumni Skip to question 14  <input type="radio"/> Student Skip to question 17.</p> <p>Start this form over.</p> <p><b>Faculty Feedback</b></p>	<p><b>Parent Feedback</b></p> <p>11. Please give your Rating for the following evaluation heads Mark only one oval per row.</p> <table border="1"> <thead> <tr> <th></th> <th>Excellent</th> <th>Good</th> <th>Average</th> <th>Poor</th> </tr> </thead> <tbody> <tr> <td>Improvement in the knowledge of my ward after getting admitted to this Program</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Degree of positive change after joining this course</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Helpfulness of syllabus to make students employable</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Adaptability of syllabus for incorporating recent changes in the field</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> </tbody> </table> <p>12. Give your suggestion for addition or deletion of specific subjects at specific semester if any</p> <p>.....</p> <p>.....</p> <p>Skip filling out this form.</p> <p><b>Students Feedback</b></p> <p>11. Please give your Rating for the following evaluation heads Mark only one oval per row.</p> <table border="1"> <thead> <tr> <th></th> <th>Excellent</th> <th>Good</th> <th>Average</th> <th>Poor</th> </tr> </thead> <tbody> <tr> <td>Learning value of syllabus in terms of knowledge, skills and Attitude development</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Relevance of syllabus to practical situations</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Depth of course contents</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Ease of learning</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> </tbody> </table>		Excellent	Good	Average	Poor	Improvement in the knowledge of my ward after getting admitted to this Program	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Degree of positive change after joining this course	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Helpfulness of syllabus to make students employable	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Adaptability of syllabus for incorporating recent changes in the field	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Excellent	Good	Average	Poor	Learning value of syllabus in terms of knowledge, skills and Attitude development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Relevance of syllabus to practical situations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Depth of course contents	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ease of learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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## 3. Evaluation of the syllabus at various context

We have received various ratings for every question which was framed to evaluate the syllabus. Following table shows the rating of the different stakeholder for the specific evaluation head.



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Table 1 : Responses of stakeholders for evaluation heads

Stake holder	Evaluation Head	E	G	A	P
Faculty	Adequacy of Syllabus to cope up with Recent trends InTechnology	1	3	1	-
	Coverage of Fundamentals specific to Program	1	3	1	-
	Syllabus is designed in a way to improve Employ ability index	1	4	-	-
	Degree to which Syllabus inculcates social and ethical values	1	3	1	-
Employer	Relevance of syllabus to develop skills to solve real life problems	-	2	2	-
	Role of syllabus to improve employability index	-	2	2	-
	Degree to which Syllabus inculcates social and ethical values	-	3	1	-
	Degree to which Syllabus imparts life skills	-	2	2	-
Parent	Improvement in the knowledge of my ward after getting admitted to this Program	7	4	-	-
	Degree of positive change after joining this course	6	5	-	-
	Helpfulness of syllabus to make students employable	4	7	-	-
	Adaptability of syllabus for incorporating recent changes in the field	4	3	4	-



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Student	Learning value of syllabus in terms of Knowledge, Skills and Attitude development	54	11	2	-
	Relevance of syllabus to practical solutions	54	8	03	-
	Depth of course contents	55	9	02	-
	Ease of learning	53	9	3	-
Alumni	Degree of useful learning for the career given by the syllabus	13	4	-	-
	Degree of skills developed by syllabus to meet technical challenges in the career	10	7	-	-
	Improvement in Logical thinking, problem solving and interpersonal skills , imparted by syllabus	12	5	-	-
	Inculcation of social and ethical values by the syllabus content	10	6	1	-

**E: Excellent    G : Good    A: Average    P: Poor**

**4. Suggestion for add or remove the subjects at specific semester if any**

The suggestions regarding introducing/adding the new subject or discontinue/remove the subjects at various levels/semesters so that the newly admitted student could explore their knowledge as per the requirements. We have received the responses accordingly in view of that the subject for Machine Learning, Deep Learning ,core languages like c++ is required. ,it is suggested that some New Web Designing Courses should be added in the syllabus. Some stakeholders demanded more practical work related to Communication Skills. It is also suggested that update subject syllabus according to industry requirement and there should not be more than one core electronics related subject during the semester.

**5. Suggestion regarding certifications relevant for getting good placement and acceptance in industry.**



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In IT sector, maximum focus is given in the development of the applications as per the requirements of the client/customers. So, to develop the programming skill, various certifications are suggested by the stakeholders. Some stakeholders also suggested certifications for Communication skills and interview techniques. Also, to get admission for the higher (Post graduate) studies in the foreign countries, the Foreign Language courses should be offered/included as an elective. The certification in collaborations with Microsoft, Oracle, NPTEL, Cisco ,AWS etc. must be offered for the students who wants to explore their advanced skills. Students should have spent more time to learn different tools which can also be a good idea to give students exposure to larger content. The sample list of various certifications is given below:

### **Suggested Certification List :**

- Microsoft certified solution developer (MCSD)
- Microsoft Certified System Engineer (MCSE)
- Java Foundations Certified Junior Associate
- Oracle Certified Associate Java SE Programmer I (formerly the Sun Certified Java Programmer)
- Oracle Certified Expert, Java EE Web Services Developer
- Cisco Certified Entry Networking Technician (CCENT)
- Cisco Certified Technicians (CCT)
- AWS Certified Networking Technician
- Internship certificate
- CCNA (Cisco Certified Network Associate)
- Python Certified Associate Programmer Certification (PCAP)
- Python Certified Professional Programmer Certification (PCPP)
- Certificate in Engineering Excellence Big Data Analytics and Optimization (CPEE)
- IBM Certified Data Architect – Big Data
- Microsoft Certified Solutions Expert (MCSE): Data Management and Analytics
- Linux Foundation Certified System Administrator (LFCS)
- Linux Foundation Certified Engineer (LFCE)
- NPTEL, Swayam Certification related to your Special Interest Groups



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- Kotlin, R- Programming Cerification

Also, there are various competitions organized by the different institutions which are useful to build the programming skills.

Also to bridge the gap between industry and institute, it is suggested to conduct more Industrial Visits, more programs like soft skill development for proper placements etc. Hence more time should be devoted to these activities.

### 6. Conclusion

The review feedback of syllabus which is designed for the Department of Information Technology was conducted and collected information from various stakeholders such as students, faculties, employers etc. The fairness of the syllabus is evaluated by framing different question heads and we have found that most of the stakeholders appreciated/accepted with some minor suggestions. These suggestions should have incorporated along with some modifications as per the current and upcoming requirement of the IT industry.

Prepared By

*Sankary*  
Ms. S.Sankareswari  
Assistant Professor,  
IT Department,  
FAMT, Ratnagiri

Approved By

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Dr. Vinayak Ashok Bharadi.  
Associate Professor,  
HOD-IT,  
FAMT, Ratnagiri



Dr. Vinayak Bharadi &lt;hodit@famt.ac.in&gt;

**Report on Syllabus Review Feedback for AY 2020-2021**

1 message

Dr. Vinayak Bharadi <hodit@famt.ac.in>  
To: deven shah <sir.deven@gmail.com>  
Cc: S Sankareswari <sankareswari.s@famt.ac.in>

Sat, Nov 27, 2021 at 3:58 PM

Respected Sir,

I Dr. Vinayak Ashok Bharadi, Associate Professor of IT Department, FAMT Ratnagiri would like to inform you that we have conducted a survey for the Review of Syllabus Design. The inputs were asked from the stakeholders of FAMT and the IT Department. The final report is prepared and attached herewith.

This report is attached herewith for your review and reference. You may consider the same as an input for the next syllabus revision.

Thanks and Regards,

**Dr. Vinayak Ashok Bharadi.**

Professor and HOD IT,

Department of Information Technology,

Hope Foundation's Finolex Academy of Management and Technology,

Ratnagiri, Maharashtra-415639

(Senior Member, Association of Computing Machinery (ACM), USA)



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