## Criterion – I : Curricular Aspects

Devi Ahilya Vishwavidyalaya, Indore

**School of Computer Science & IT**

# 1.4.2

**Action taken Report**
**on**
**Feedback from various Stakeholders**

# School of Computer Science & IT
# Devi Ahilya Vishwavidyalaya, Indore

## Academic Session : 2017-18

| | Average of Responses | | | | Action Taken |
|---|---|---|---|---|---|
| | **Student** | **Alumni** | **Employer** | **Parent** | |
| **Teaching** | • Require knowledge of recent development in the subject<br>• Lack in ability to supplement theory with practical examples. | • Need of improvement in subject knowledge | • Need of practical knowledge and inclusion of new technology and trends.<br>• Communication skills | Satisfactory | • Action taken on Faculty feedback. Faculty with Feedback < 3.0. are identified.<br>• Organized FDP on latest technology and trends.<br>• Short attendance students identified and warned<br>• Remedial classes arranged for weak students & Slow learners.<br>• English Language Lab is monitored.<br>• Syllabus of Communication Skills & Report writing revised |
| **Course Curriculum** | • The allocation of the credits to the course is inappropriate in relation to the level of ITPM course.<br>• Need for course updation as per job opportunity in future<br>• Electives are to be reformed for M.Tech. programme as per specialization | • Courses must comply with software industry requirements | • More practical knowledge required<br>• Introduce course on latest technology in your curriculum | Satisfactory | • Following courses are introduced/updated<br>✓ Advanced Computer Architecture in M.Tech,. (CS).<br>✓ Advance Algorithm Design in M.Tech,. (CS).<br>✓ Internet Programming using Java in all M.Tech programmes that contains topics of core Java, advance Java(J EE), Java Security features and Introduction of Java for IOT.<br>✓ Advanced Software Engineering in M.Tech. (IA&SE) that contains topics of Object Oriented S/W Engineering.<br>✓ Suggested revision in Linux Unix- IT Infrastructure syllabus.<br>✓ Include Python MLib, IBM Watson Case Study in Artificial Intelligence course in MCA<br>✓ Introduced Lab credits in AI course.<br>✓ Topics on Spatial, Graph Database to be included in Advance Databases Advanced Database Management Systems in M.Tech. IA&SE) – II semester.<br>✓ Internet of Things - Course Introduced in M.Tech. (NM & IS) – II Semester<br>• Minor Project/ Case study made compulsory for a subject with 6 credits.<br>• Adherence to CBCS in M.Tech. programme |
| **Discipline** | • No issue | • No issue | • No issue | • No issue | --- |
| **Infrastructure/ Facility** | • Books on latest technology are not available in Library<br>• Need of MATLAB software for students pursuing research work. | | | • | • Tender process abolished in procuring books in Library will now lead to purchase books on latest topics. Students will be benefited by books of newly introduced courses .<br>• Procurement of MATLAB software done. |
| **Environment** | • Satisfactory | • Satisfactory | • Satisfactory | • Satisfactory | --- |
| | • | • | • | • | |

| | | | | | |
|---|---|---|---|---|---|
| **Employability** | • Placement issues in M.Tech. MCA programmes | • Team building, professional Skills, analytical skills to be enhanced in students | • Skill-based education is required to manage Professional software projects. | • Provide more Placement opportunities | • Introduced courses on latest technologies in all M.Tech. programmes and MCA as well<br>• Organized expert lectures, seminars, workshops on current technologies<br>• Organized FDP on Data Analytics (3 weeks), IoT (2 weeks), Network Security and Ethical Hacking, where experts were called from reputed sowtware organizations. |

2/8/18

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# School of Computer Science & IT
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## Academic Session : 2016-17

| | Average of Responses | | | | Action Taken |
|---|---|---|---|---|---|
| | **Student** | **Alumni** | **Employer** | **Parent** | |
| **Teaching** | • Less motivation provided by the teachers.<br>• Lack in ability to provide practical examples. | Excellent | Satisfactory | Satisfactory | • Action on Faculty feedback are taken. Faculty with Feedback < 3.0. are identified.<br>• Proposed FDP on latest technology and trends.<br>• Short attendance students identified and warned<br>• Remedial classes arranged for Slow learners.<br>• English Language Lab is monitored. |
| **Course Curriculum** | • Relevance of programme for career opportunity in future<br>• Relevance of electives to the specialization chosen<br>• The allocation of the credits to the course is inappropriate in relation to the level of ITPM course. | • Need of courses as per industry requirements | • More practical knowledge required<br>• Introduce course on latest technology in your curriculum | Satisfactory | • Introduced Course on Soft Computing in M.Tech. (CS)<br>• Introduced course on Data Science in M.Tech. (IA&SE)<br>• Introduced Cloud Computing in MCA-IV Semester<br>• ITPM syllabus(IV semester) is merged with Organization and Management Subject of II semester.<br>• Arranged tutorial sessions, remedial classes<br>• Lab Tutorials with Exercise solution for Cloud Computing, AI are prepared.<br>• Adherence to CBCS in M.Tech. programme |
| **Discipline** | • No issue | • No issue | • No issue | • No issue | --- |
| **Infrastructure/ Facility** | • Books on latest technology are not available in Library<br>• Need of MATLAB software for students pursuing research work. | | | • | • Proposed to abolish tendering process in procuring new books in Library<br>• Initiative of procurement of MATLAB software taken |
| **Environment** | • Satisfactory | • Satisfactory | • Satisfactory | • Satisfactory | --- |
| **Employability** | • Placement issues in M.Tech. MCA programmes | • Professional Skills, analytical skills to be enhanced in students | • Skills required to deploy/execute software projects independently. | • Provide more Placement opportunities | • Introduced courses on latest technologies in MCA & M.Tech.<br>• Organized expert lectures, seminars, workshops on current technologies<br>• Organized Industry Institute Interaction meet on 10th March, 2017 - experts called from industry & academia |

13/7/17

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## Academic Session : 2015-16

| | Average of Responses | | | | Action Taken |
|---|---|---|---|---|---|
| | **Student** | **Alumni** | **Employer** | **Parent** | |
| **Teaching** | • Difficulty in bringing conceptual clarity by some teachers.<br>• Even Semester was short due to Simhasth-2016 in the month of April-May, 2016 | - | • English is poor | Satisfactory | • Action on Faculty feedback are taken. Letters issued to Faculty with Feedback < 3.0.<br>• Short attendance students identified and warned<br>➢ Attendance of such students informed to parents bi-weekly<br>• Remedial classes arranged for Slow learners.<br>• Even Semester Classes commenced from 22nd December, 2015 due to Simhasth<br>• English Language Lab assessed through End semester examination |
| **Course Curriculum** | • Requires skill-based course for employability<br>• The depth of the course content is inadequate in relation to the expected Learning Outcomes. | • Need of courses in-line with Industry requirements<br>• | • Technical strength of the students is satisfactory ( not Excellent)<br>• More practical knowledge required | Satisfactory | • Subject Learning outcomes restructured.<br>• Arranged tutorial sessions, remedial classes<br>• Lab attendance is strictly monitored<br>• Lab Tutorials with Exercise solution for Java Programming, Advanced Java are prepared.<br>• Batch-wise Lab Classes are allotted to subject teacher under guidance of Senior Faculty Members<br>• Adherence to CBCS in M.Tech. programme |
| **Discipline** | No issue | No issue | No issue | No issue | --- |
| **Infrastructure/ Facility** | • Books on latest technology are not available in Library<br>• Unable to get computing facility in a single Lab during practical sessions.<br>• Internet speed is slow<br>• Poor maintenance of Sports facilities | | | • | • Administrative delays due to tendering process in procuring new books in Library.<br>• Motivated students for higher studies through seminars from Alumni, experienced professor of foreign universities<br>• Proposed purchase of new computers. (I7 computers purchased in 2015)<br>• Internet capacity enhanced and More Wi-fi routers are installed.<br>• Facilities for badminton, table tennis, carrom and chess renovated |
| **Environment** | Satisfactory | Satisfactory | Satisfactory | Satisfactory | • |
| **Employability** | • Placement preparation required | • Team building, Professional Skills, analytical skills to be enhanced in students | • Improve ability to formulate, analyze and solve problems | • Increase Placement opportunity | • Organized expert lectures, seminars, workshops on current technologies |

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# School of Computer Science & IT
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## Academic Session : 2014-15

| | Average of Responses | | | | Action Taken |
|---|---|---|---|---|---|
| | **Student** | **Alumni** | **Employer** | **Parent** | |
| **Teaching** | • Lack of Motivation provided by some teachers<br>• Some teachers are very fast. | • More emphasis to be given on programming courses, software design and Software Testing | • Poor Communication Skills | • Some parents complaints requires to inform about their ward's performance | • Assessment workshop is held every six months. Faculty with Feedback < 3.0 are advised by senior faculty and Faculty with Feedback < 2.0 are restricted to teach that subject next time.<br>• Short attendance students identified and warned.<br>• Syllabus revised for DBMS, C & Java Programming, system analysis and re-design.<br>• Slow learners are identified and remedial classes are scheduled Internal assessment for English Language Lab proposed in Mid-semester. |
| **Course Curriculum** | • Electives in M.Tech. programme should be offered as per specialization<br>• Need of courses for employability<br>• Courses should improve ability to formulate, analyze and solve problems. | • Need of courses in-line with Industry requirements | • Students should be able to identify and solve the problems in multidisciplinary field<br>• More practical knowledge required | Satisfactory | • Following new courses are introduced:<br>➢ Introduction to ERP<br>• Skill-based courses are introduced in MBA(CM) programme.<br>• Major Project of MBA(CM) final year on ERP now onwards.<br>• Arranged tutorial sessions, remedial classes.<br>• Lab component is raised in practical subjects.<br>• Lab Tutorials are developed for DBMS, Data Mining and data warehouse course.<br>• CBCS in M.Tech. where one School of Studies of the university to opt a course being run at other School(s) of Studies. |
| **Discipline** | No issue | No issue | No issue | No issue | School already has Discipline, Grievances and Complaints Cell |
| **Infrastructure/ Facility** | • Subject Books are not available in Library<br>• Unable to get computing facility in a single Lab during practical sessions.<br>• Poor Wi-fi connectivity | | | No issue | • New Books are proposed, Administrative delays due to tendering process in procuring new books in Library.<br>• Batch-wise Lab Classes are allotted to subject teacher (also a junior teacher, if required).<br>• Motivated students for higher studies through seminars from Alumni, experienced professor of foreign universities.<br>• Proposed purchase of new computers (I7 computers purchased in 2015)<br>• Extension of Wi-fi capacity done. |
| **Environment** | Satisfactory | Satisfactory | Satisfactory | • College and Inter-college level participation of their ward | • NSS activities are enhanced..<br>• Students are motitaved to attend city/state/national Technical and Culural events within city.<br>• Volunteer ship of students in All India Inter University National Youth Festival. |
| **Employability** | • Requires preparation for placement | • Number of placement is declining day by day | • Improve ability to formulate, analyze and solve problems | • Suggestion of Govt. job placement opportunity | • Proposed PGDCA programme in next session<br>• Organized expert lectures, seminars, workshops on current technologies and human values<br>• Labs are strictly monitored |

6/8/15
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## Academic Session : 2013-14

| | Average of Responses | | | | Action Taken |
|---|---|---|---|---|---|
| | **Student** | **Alumni** | **Employer** | **Parent** | |
| **Teaching** | • Difficulty in bringing conceptual clarity by some teachers<br>• Completion of Course due to Election duty of some teachers | - | • Poor Communication Skills | • Some parents complaints that their wards are not going to college regularly | • Faculty with Feedback < 3.0 are identified and advised by senior faculty<br>• Faculty with Feedback < 2.0 are identified and restricted to teach that subject next time.<br>• Short attendance students identified and warned<br>➢ Attendance of such students informed to parents bi-weekly<br>• Slow learners are identified.<br>• Performance enhancement for slow learner through extra tutorial sessions, remedial classes<br>• English Language Lab offered twice for UG students<br>• Revised syllabus of Communication Skills & Report writing |
| **Course Curriculum** | • Requires skill-based course for employability<br>• Syllabus of DBMS, TOC, Programming, Computer architecture, Computer Networks and Data mining are more | • Need of courses in-line with Industry requirements | • More practical knowledge required<br>• Technical strength of the students is satisfactory not Excellent | Satisfactory | • Course Syllabus are revised<br>• Skill-based courses are introduced in MBA(CM) programme<br>• Arranged tutorial sessions, remedial classes<br>• Lab component is raised in practical subjects.<br>• Lab Tutorials are developed for each practical subject. |
| **Discipline** | No issue | No issue | No issue | No issue | --- |
| **Infrastructure/ Facility** | • Subject Books are not available in Library<br>• Unable to get computing facility in a single Lab during practical sessions.<br>• Wi-fi not accessible<br>• IEEE journal not accessible by M.Tech./Ph.D. students | | | • Facility for promotion to higher study in abroad<br>• Provision of Clean Water | • New Books are procured in Library<br>• Batch-wise Lab Classes are allotted to subject teacher where batch of 20 to 30 students are formed for Lab classes.<br>• Motivated students for higher studies through seminars from Alumni, experienced professor of foreign universities<br>• Maintenance process of RO water coolers, tank cleaning streamlined<br>• Requirement sent to IT Centre for extending Wi-fi routers in academic block<br>• Requirement sent to Central Library for IEEE e-journal. |
| **Environment** | • Difficulty in controlling UG class by some teachers | Satisfactory | Satisfactory | • Need of socio-cultural environment | • Designated Class Mentors<br>• Sports and extracurricular activities are declared along with Academic Calendar. |
| **Employability** | • Placement opportunity for MBA(CM), M.Tech. students are less as compared to other Programmes. | • Number of placement is declining day by day | • Improve ability to formulate, analyze and solve problems | • Issues in MBA(CM), M.Tech. placement | • Curriculum of MBA (CM) is revised to introduce specialization in ERP to enhance employability<br>• SAP-FI Trainer and consultant are invited to take sessions on ERP applications and provide awareness related to job opportunity in ERP domain<br>• Proposed expert lectures, seminars, workshops on current technologies<br>• Lab component is raised in practical subjects. |

31/7/14

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## Criterion – I : Curricular Aspects

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**School of Computer Science & IT**

# 1.4.2

**Analysis**
**on**
**Feedback from various Stakeholders**

# STUDENT FEEDBACK

Manual Forms

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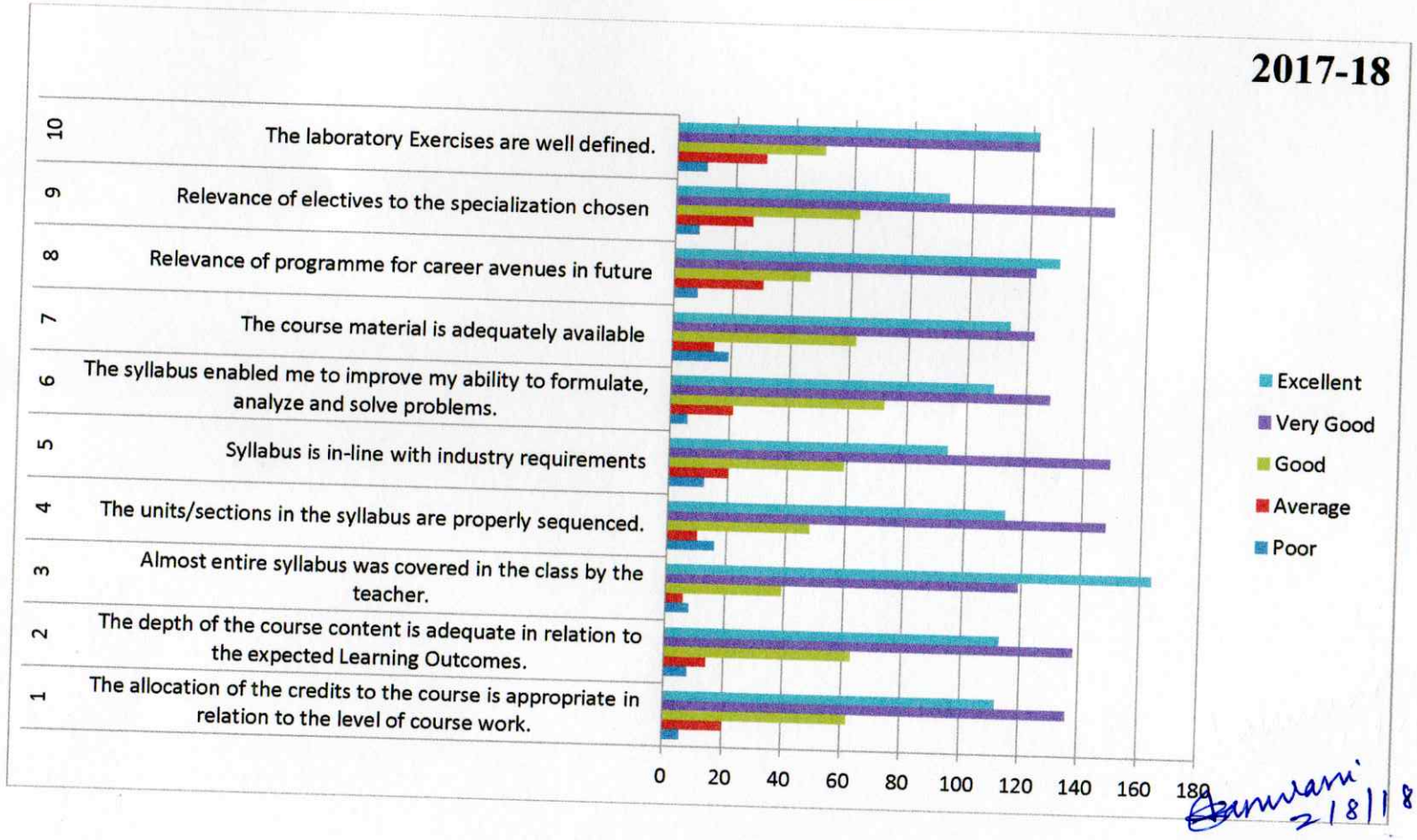
Through MP-Online Portal

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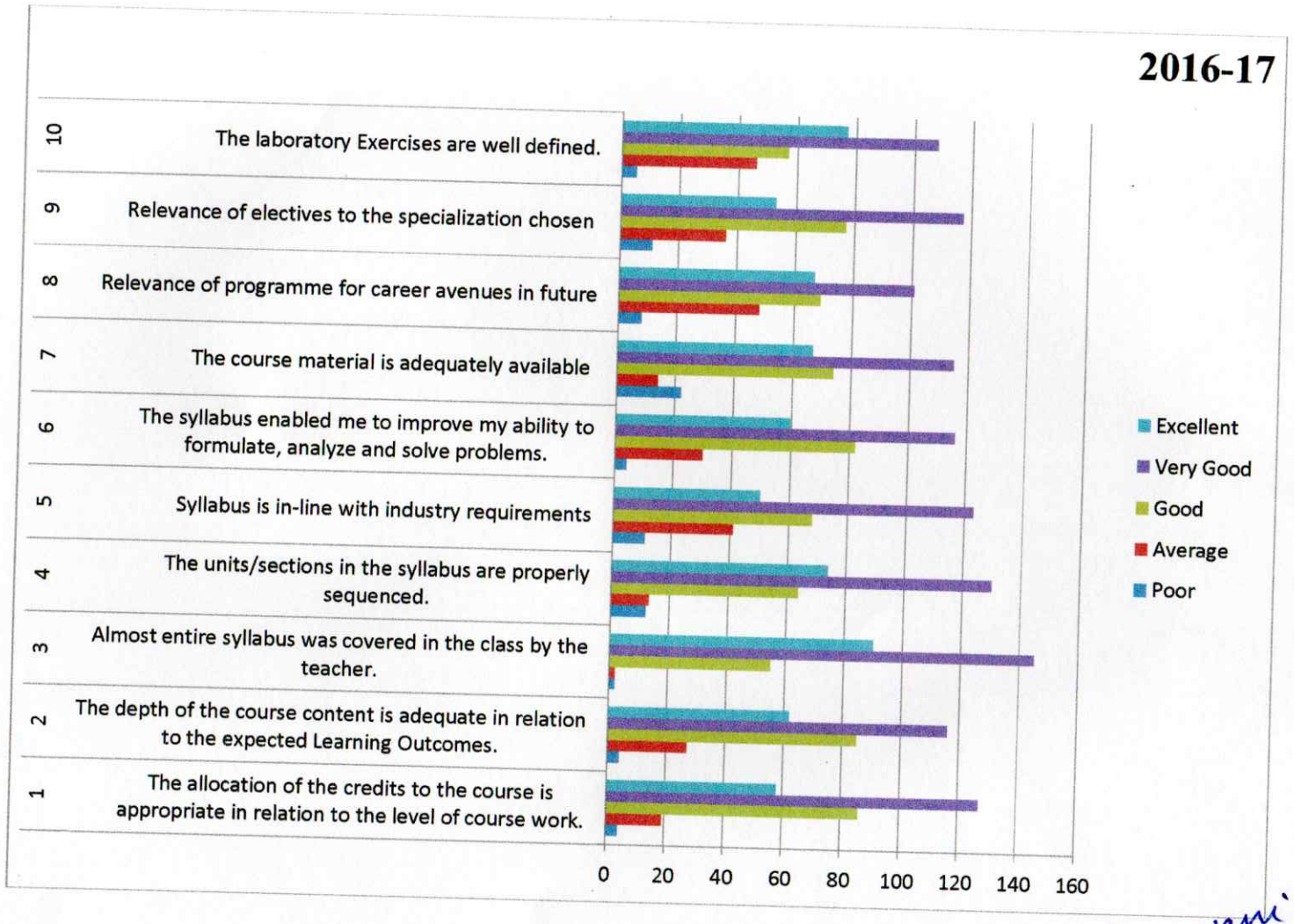


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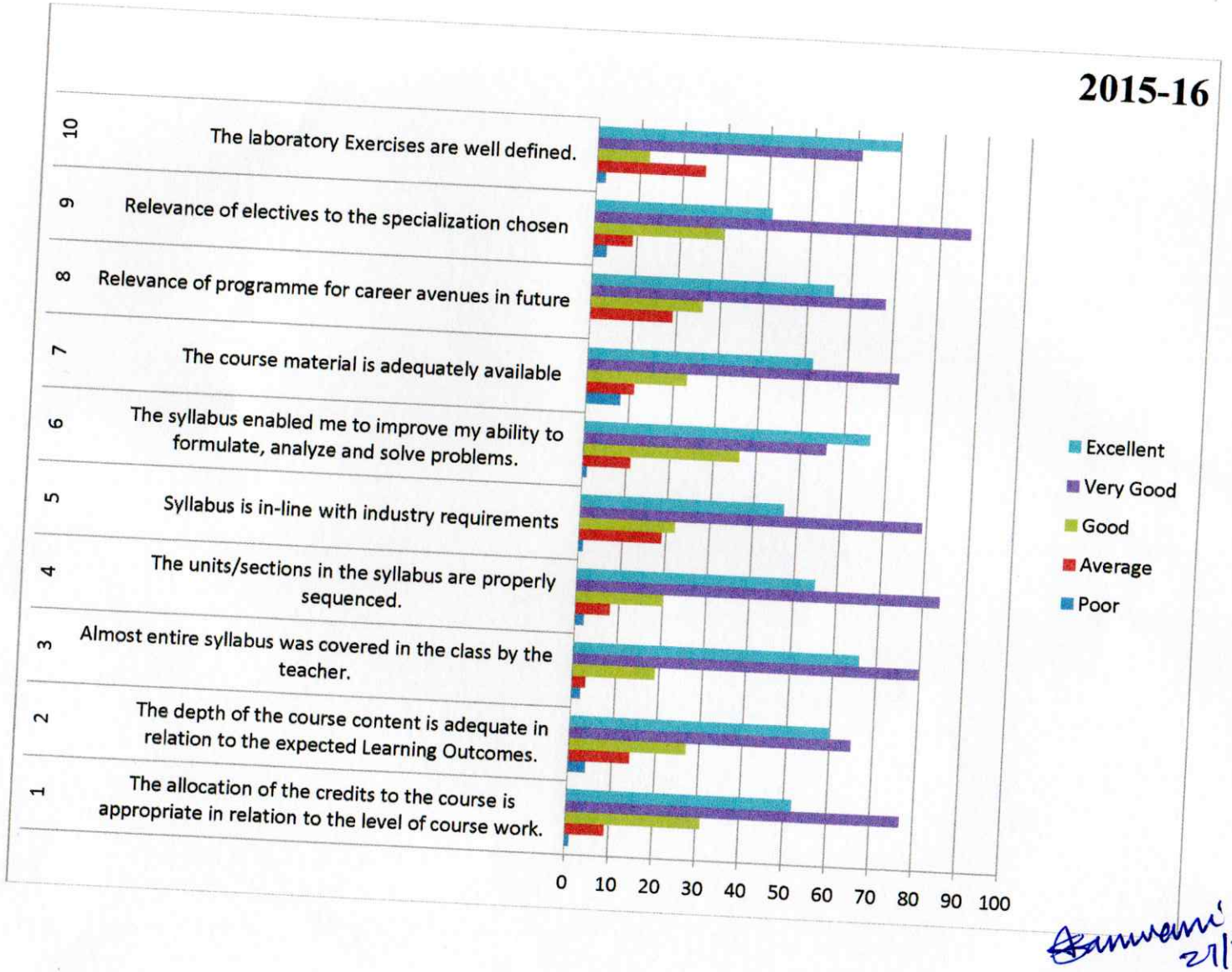


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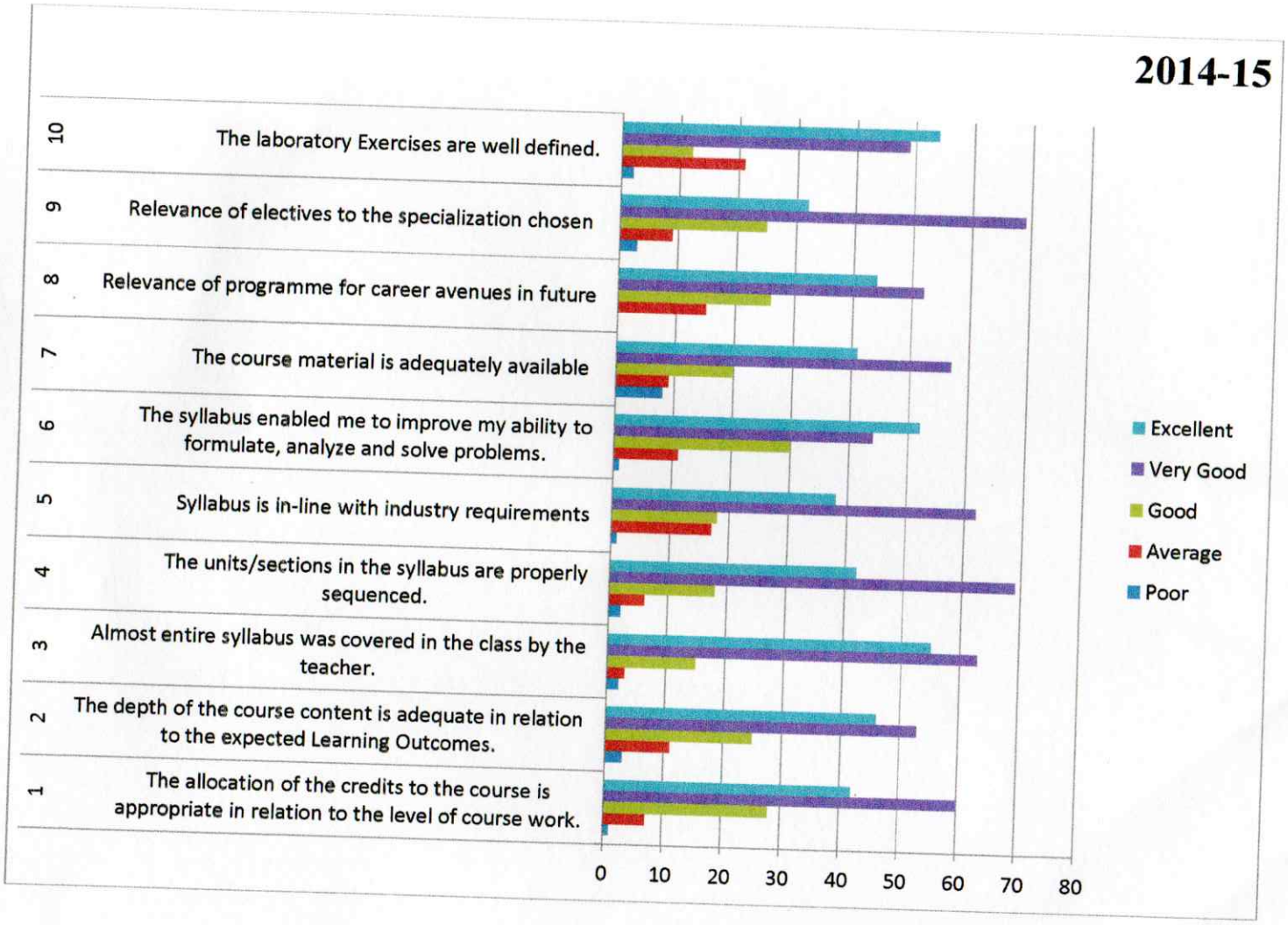


Kanwani 6/8/15

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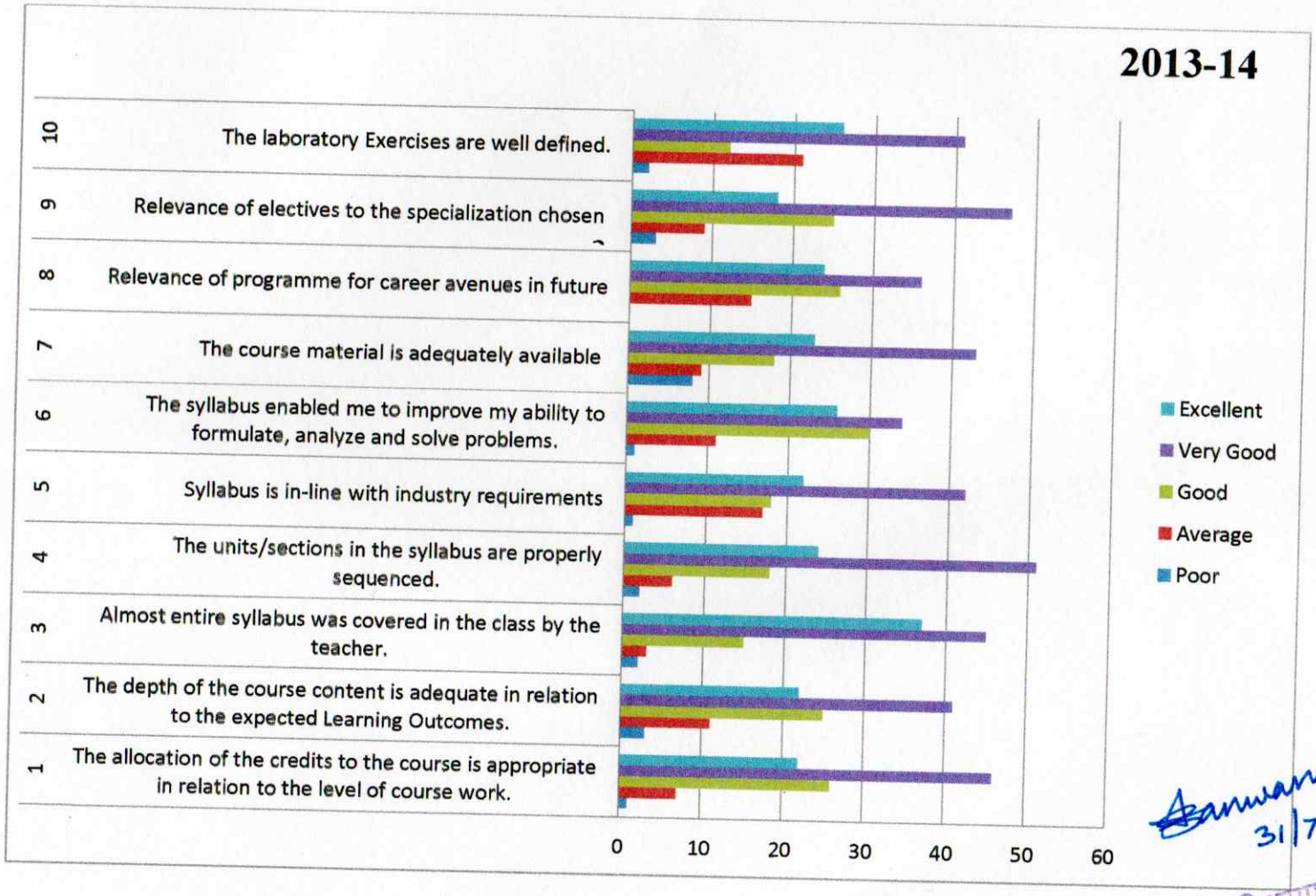
# STUDENT FEEDBACK

Manual Forms

+

Through MP-Online Portal

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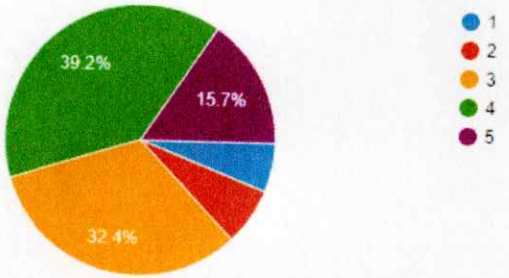
# ALUMNI FEEDBACK

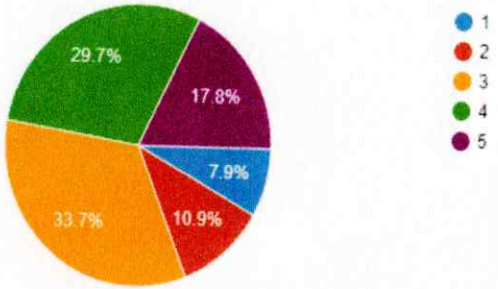
https://tinyurl.com/SCSIT-Alumni-Feedback

**1 - Strongly disagree, 2 - disagree, 3 - partially agree with suggested improvements, 4 - agree, 5 - Strongly agree**

Whether curriculum is up-to-date & meets industry requirements?



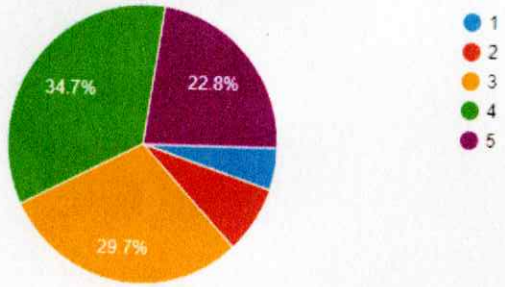

Whether curriculum incorporates skill-based course for employ-ability?



# ALUMNI FEEDBACK

https://tinyurl.com/SCSIT-Alumni-Feedback

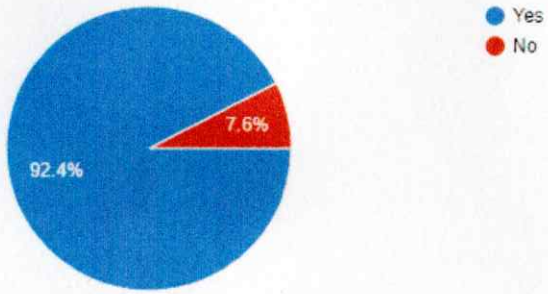
Whether curriculum includes human values through ethics?



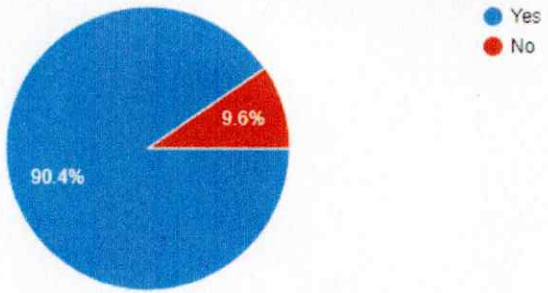
# PARENT FEEDBACK

https://tinyurl.com/Scsit-ParentFeedback

5. Are you satisfied with the Course Curriculum offered by SCS&IT:




6. Whether the Course Curriculum offered by SCS&IT inculcates human values in your ward:

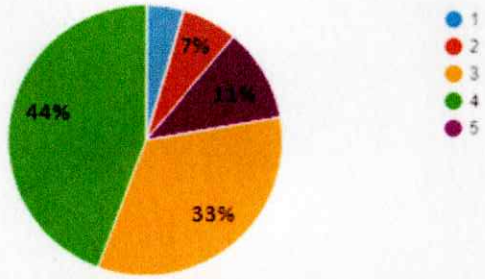


# EMPLOYER FEEDBACK

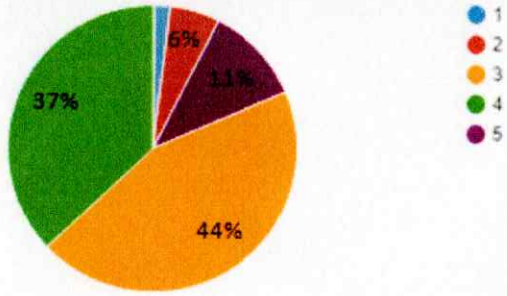
https://goo.gl/forms/2XdII0c8M53yzF8x2

**1 - Strongly disagree, 2 - disagree, 3 - partially agree with suggested improvements, 4 - agree, 5 - Strongly agree**

Whether curriculum is up-to-date & meets industry requirements?




Whether curriculum incorporates skill-based course for employ-ability?



# EMPLOYER FEEDBACK

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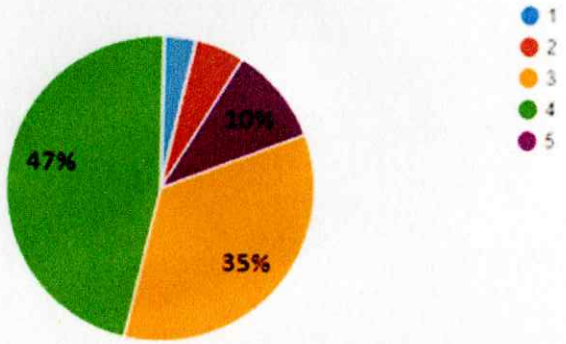
Whether curriculum includes human values through ethics?