



Shri Vitthal Institute of Progressive Education's

Institute of Computer & Management Studies

Old - Kasegaon Road, Kasegaon, Tal. Pandharpur, Dist. Solapur. Pin.413304

Email.: icmskasegaon@yahoo.com Website.: <https://www.icms.svipe.edu.in>

(Approved by Govt. of Maharashtra and Affiliated to Purnyashikha Ahilyadevi Holkar Solapur University, Solapur)

B.C.A & B.Sc. (Entire Computer Science)



Ref No.:

Date.:

Criteria I.4.1:	Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website
Findings of DVV	HEI not provided any supporting documents. Kindly provide the following documents; 1) Sample Filled in feedback forms from the stakeholders 2) Stakeholder feedback analysis report signed by the Principal 3) Department wise Action taken Report on feedback signed by the competent authority Document showing the communication with the affiliating University for the Feedback provided. 4) Action taken by the affiliating university on the feedback.
Response of HEI	1) Sample Filled in feedback forms from the stakeholders is attached as Appendix-I. 2) Stakeholder feedback analysis report signed by the Principal is attached as Appendix-II. 3) Action taken Report on feedback signed by the competent authority is attached as Appendix III. 4) Document showing the communication with the affiliating University for the Feedback provided is attached as Appendix-IV. 5) Action taken by the affiliating university on the feedback is attached as Appendix V.



PRINCIPAL,
Institute of Computer and Management
Studies, Kasegaon, Tal. Pandharpur

Appendix-I

**Sample Filled feedback
forms from the
stakeholders**



Shri Vithal Institute of Progressive Education's,

INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)

Old Kasegaon Road, Kasegaon, Pandharpur-413 304 . Dist-Solapur Ph.No.02186-232232/33

Date: 02-01-2019

Feedback from the Students

Name of the Student: Gaikwad Vithal D. Academic Year: 2018-19

Program Name & Class: BCA-TII

This feedback form is intended to collect information relating to your satisfaction towards the curriculum, teaching-learning process, academic performance and overall quality. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Your responses below are for purpose of evaluation

4 - Excellent 3 - Good 2 - Satisfactory 1 - Poor

Please respond to items below by writing 4/3/2/1

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	Rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course?		✓		
2.	What do you think about syllabus taught in the institute in terms of career in the job, services and business?			✓	
3.	Rate the theoretical concepts of syllabus supported by Practical/Experiments?		✓		
4.	Rate the contents included in the syllabus with reference to professional and higher level learning skills?			✓	
5.	How do you rate the sequence of the courses in the curriculum?	✓	1		
6.	Do you feel you get additional skills towards employability through value added courses/programs		✓		
7.	Did you feel the ambiance of the classrooms & labs is good?	✓			
8.	Whether the library facilities are suit for the self-learning for the students?	✓			
9.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?		✓		
10.	Overall quality of the college is good?		✓		

Suggestions (if any): Web programming related topic/subject need to be added.

Signature of Student:





Shri Vithal Institute of Progressive Education's,

INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)

OM Kasegaon Road, Kasegaon, Pandharpur-413 304, Dist-Solapur Ph.No.02186-232232/33

Date: 02-01-2019

Feedback from the Students

Name of the Student: Kapare Pravin R. Academic Year: 18-19

Program Name & Class: B.Sc (ECS) - III

This feedback form is intended to collect information relating to your satisfaction towards the curriculum, teaching-learning process, academic performance and overall quality. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Your responses below are for purpose of evaluation			
4 - Excellent	3 - Good	2 - Satisfactory	1 - Poor
Please respond to items below by writing 4/3/2/1			

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	Rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course?			✓	
2.	What do you think about syllabus taught in the institute in terms of career in the job, services and business?		✓		
3.	Rate the theoretical concepts of syllabus supported by Practical/Experiments?		✓		
4.	Rate the contents included in the syllabus with reference to professional and higher level learning skills?	✓			
5.	How do you rate the sequence of the courses in the curriculum?		✓		
6.	Do you feel you get additional skills towards employability through value added courses/programs		✓		
7.	Did you feel the ambiance of the classrooms & labs is good?	✓			
8.	Whether the library facilities are suit for the self-learning for the students?		✓		
9.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?	✓			
10.	Overall quality of the college is good?		✓		

Suggestions (if any): _____

Signature of Student: Pravin





Shri Vithal Institute of Progressive Education's,

INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)

Old Kasegaon Road, Kasegaon, Pandharpur-413 304. Dist. Solapur Ph. No.02186-232232/33

Date: 05-01-2019

Feedback from the Students

Name of the Student: Mane Tejaswini Prakash Academic Year: 2018-19

Program Name & Class: BSc (ECS) - II

This feedback form is intended to collect information relating to your satisfaction towards the curriculum, teaching-learning process, academic performance and overall quality. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Your responses below are for purpose of evaluation

4 - Excellent 3 - Good 2 - Satisfactory 1 - Poor

Please respond to items below by writing 4/3/2/1

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	Rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course?	—			
2.	What do you think about syllabus taught in the institute in terms of career in the job, services and business?		—		
3.	Rate the theoretical concepts of syllabus supported by Practical/Experiments?		—		
4.	Rate the contents included in the syllabus with reference to professional and higher level learning skills?	—			
5.	How do you rate the sequence of the courses in the curriculum?		—		
6.	Do you feel you get additional skills towards employability through value added courses/programs		—		
7.	Did you feel the ambiance of the classrooms & labs is good?	—			
8.	Whether the library facilities are suit for the self-learning for the students?		—		
9.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?	—			
10.	Overall quality of the college is good?		—		

Suggestions (if any): Advanced programming contents should be added at first year level.

Signature of Student: Tejaswini





Shri Vithal Institute of Progressive Education's,

INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)

Old Kasegaon Road, Kasegaon, Pandharpur-413 304. Dist-Solapur Ph.No.02106-232232/33

Date: 6th Jan. 2019

Feedback from the Students

Name of the Student: Mali Akash Suresh Academic Year: 2018-19

Program Name & Class: B.C.A. -III

This feedback form is intended to collect information relating to your satisfaction towards the curriculum, teaching-learning process, academic performance and overall quality. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Your responses below are for purpose of evaluation

4 - Excellent 3 - Good 2 - Satisfactory 1 - Poor

Please respond to items below by writing 4/3/2/1

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	Rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course?		✓		
2.	What do you think about syllabus taught in the institute in terms of career in the job, services and business?	✓			
3.	Rate the theoretical concepts of syllabus supported by Practical/Experiments?		✓		
4.	Rate the contents included in the syllabus with reference to professional and higher level learning skills?	✓			
5.	How do you rate the sequence of the courses in the curriculum?		✓		
6.	Do you feel you get additional skills towards employability through value added courses/programs		✓		
7.	Did you feel the ambiance of the classrooms & labs is good?	✓			
8.	Whether the library facilities are suit for the self-learning for the students?		✓		
9.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?	✓			
10.	Overall quality of the college is good?	✓			

Suggestions (if any): Combination circuit can be added in Digital Electronics

Signature of Student: Akash Mali





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INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)

Old Kasegaon Road, Kasegaon, Pandharpur-413 304. Dist-Solapur Ph. No.02186-232232/33

Date: 06.01.2019

Feedback from the Students

Name of the Student: Ashwini Gavali Academic Year: 2018-19

Program Name & Class: Bca -III

This feedback form is intended to collect information relating to your satisfaction towards the curriculum, teaching-learning process, academic performance and overall quality. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Your responses below are for purpose of evaluation

4 - Excellent 3 - Good 2 - Satisfactory 1 - Poor

Please respond to items below by writing 4/3/2/1

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	Rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course?		✓		
2.	What do you think about syllabus taught in the institute in terms of career in the job, services and business?	✓			
3.	Rate the theoretical concepts of syllabus supported by Practical/Experiments?		✓		
4.	Rate the contents included in the syllabus with reference to professional and higher level learning skills?		✓		
5.	How do you rate the sequence of the courses in the curriculum?	✓			
6.	Do you feel you get additional skills towards employability through value added courses/programs		✓		
7.	Did you feel the ambiance of the classrooms & labs is good?		✓		
8.	Whether the library facilities are suit for the self-learning for the students?		✓		
9.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?	✓			
10.	Overall quality of the college is good?	✓			

Suggestions (if any): _____

Signature of Student: Ashwini





Shri Vitthal Institute of Progressive Education's,
INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)
 OM Kasegaon Road, Kasegaon, Pandharpur-413 304. Dist-Solapur Ph. No.02186-23232/33

Date: 2/12/2018

Feedback from the Teachers

Name of the Teacher: Dr. Jayshree Vamanrao Chavan

Contact No: 7768008988 Academic Year: 2018-2019

This feedback form is intended to collect information relating to your satisfaction towards the curriculum, teaching-learning process, academic performance and overall quality. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Please mark a tick '✓' in the appropriate cell for every statement.

Your responses below are for purpose of evaluation

4 - Excellent	3 - Good	2 - Satisfactory	1 - Poor
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Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	The current content of syllabus is fulfilling the need of industry, sufficient to bridge the gap between industry and academics.	✓			
2.	The course/ syllabus has good balance between theoretical concepts of syllabus and Practical/Experiments.		✓		
3.	Current syllabus tries to build the opportunities in terms of employability and entrepreneurial attitude amongst the students.	✓			
4.	Evaluation schemes designed for each of the course are sufficient for providing proper assessment.		✓		
5.	The course/syllabus has enabled to update knowledge and perspective in the subject area.	✓			
6.	Did the institution provide FDPs and other programs at the right time to strengthen the teachers skills and Knowledge level?	✓			
7.	Do you feel the institution helps the students to identify their strengths and encourage them by providing the right level of challenges to overcome their weakness?		✓		
8.	Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?		✓		
9.	Do you feel the Library and other facilities are suitable for self-learning for the students?	✓			
10.	Do you feel the quality of the institution is good?	✓			

Please mention any other suggestions: How to handle stress sessions need to be conducted.

Signature of Teacher: Pharadia





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B.C.A. & B.Sc. (Entire Computer Science)

Old Kasegaon Road, Kasegaon, Pandharpur-413 304. Dist. Solapur Ph. No.02186-232232/33

Date: 03/01/2019

Feedback from the Teachers

Name of the Teacher: Dr. A. N. Upase

Contact No: 9208724266 Academic Year: 2018-19

This feedback form is intended to collect information relating to your satisfaction towards the curriculum, teaching-learning process, academic performance and overall quality. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Please mark a tick '✓' in the appropriate cell for every statement.

Your responses below are for purpose of evaluation

4 – Excellent	3 – Good	2 – Satisfactory	1 – Poor
---------------	----------	------------------	----------

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	The current content of syllabus is fulfilling the need of industry, sufficient to bridge the gap between industry and academics.	✓			
2.	The course/ syllabus has good balance between theoretical concepts of syllabus and Practical/Experiments.	✓			
3.	Current syllabus tries to build the opportunities in terms of employability and entrepreneurial attitude amongst the students.		✓		
4.	Evaluation schemes designed for each of the course are sufficient for providing proper assessment.	✓			
5.	The course/syllabus has enabled to update knowledge and perspective in the subject area.	✓			
6.	Did the institution provide FDPs and other programs at the right time to strengthen the teachers skills and Knowledge level?		✓		
7.	Do you feel the institution helps the students to identify their strengths and encourage them by providing the right level of challenges to overcome their weakness?	✓			
8.	Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?	✓			
9.	Do you feel the Library and other facilities are suitable for self-learning for the students?		✓		
10.	Do you feel the quality of the institution is good?	✓			

Please mention any other suggestions: Curriculum should be updated to bridge the gap between Academia & Industry

Signature of Teacher: Nupale





Shri Vithal Institute of Progressive Education's,

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B.C.A. & B.Sc. (Entire Computer Science)

OM Kasegaon Road, Kasegaon, Pandharpur-413 304, Dist. Solapur Ph. No.02186-232232/33

Date: 10/12/2018

Feedback from the Alumni

Name of the Alumni: Dipali Kirjavikar

Program Name: B.Sc (E.C.S) Academic Year: 2018-2019

The purpose of this survey is to obtain alumni input on the quality of education they received and the level of preparation they had at institute. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Your responses below are for purpose of evaluation

4 – Excellent	3 – Good	2 – Satisfactory	1 – Poor
Please respond to items below by writing 4/3/2/1			

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	The syllabus was need based; Emphasis on fundamentals, coverage of modern/ advanced topics, good balance between theory and application.	✓			
2.	Current syllabus is adequately covers contemporary issues/emerging global and national trends in computer science and application.		✓		
3.	The syllabus meets the expectations in terms of learning values, skills, knowledge, attitude, analytical abilities, applicability, relevance and practical orientation to real life situations.	✓			
4.	Expectations about the course (Enhance by skill/knowledge base, better career opportunities etc) were achievable.	✓			
5.	The syllabus is covering inculcation of the aspects of life skills, transferable skills, cross cutting issues, gender equality, environment and sustainability, human rights and social security		✓		
6.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?	✓			
7.	Do you feel overall quality of teaching and learning process in the institution was good?		✓		
8.	Does the institution helps you to identify your strength and encourage you by provided right level of challenges to overcome your weakness?		✓		
9.	Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?	✓			
10.	Do you feel the quality of the institution is good?		✓		

Suggestions if any: As per requirement of industry syllabus as per updated.

Alumni Information

Name: Dipali Kirjavikar Year of Graduation: 2015-2016

Name of Organization: Cognizent Position in Organization: Soft. Devp.

Signature: Dipali





Shri Vithal Institute of Progressive Education's,

INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)

OM Kasegaon Road, Kasegaon, Pandharpur-413 304 . Dist-Solapur Ph.No.02186-232232/33

Date: 27/12/2018

Feedback from the Alumni

Name of the Alumni: Shubham Dhumal

Program Name: BCA Academic Year: 2018-19

The purpose of this survey is to obtain alumni input on the quality of education they received and the level of preparation they had at institute. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Your responses below are for purpose of evaluation

4 - Excellent	3 - Good	2 - Satisfactory	1 - Poor
Please respond to items below by writing 4/3/2/1			

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	The syllabus was need based; Emphasis on fundamentals, coverage of modern/ advanced topics, good balance between theory and application.	✓			
2.	Current syllabus is adequately covers contemporary issues/emerging global and national trends in computer science and application.		✓		
3.	The syllabus meets the expectations in terms of learning values, skills, knowledge, attitude, analytical abilities, applicability, relevance and practical orientation to real life situations.	✓			
4.	Expectations about the course (Enhance by skill/knowledge base, better career opportunities etc) were achievable.	✓			
5.	The syllabus is covering inculcation of the aspects of life skills, transferable skills, cross cutting issues, gender equality, environment and sustainability, human rights and social security		✓		
6.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?		✓		
7.	Do you feel overall quality of teaching and learning process in the institution was good?	✓			
8.	Does the institution helps you to identify your strength and encourage you by provided right level of challenges to overcome your weakness?		✓		
9.	Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?	✓			
10.	Do you feel the quality of the institution is good?	✓			

Suggestions if any: Topic related to office automation need to be added.

Alumni Information

Name: Shubham Dhumal
Name of Organization: FIS global
Signature: shubham



Year of Graduation: 2016-17
Position in Organization: Software Engineer



Shri Vithal Institute of Progressive Education's,

INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)

OM Kasegaon Road, Kasegaon, Pandharpur-413 304. Dist. Solapur Ph. No.02186-232232/33

Date: 30/12/2018

Feedback from the Alumni

Name of the Alumni: Pranav Pujari

Program Name: BCA Academic Year: 2018-19

The purpose of this survey is to obtain alumni input on the quality of education they received and the level of preparation they had at institute. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Your responses below are for purpose of evaluation

4 – Excellent	3 – Good	2 – Satisfactory	1 – Poor
Please respond to items below by writing 4/3/2/1			

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	The syllabus was need based; Emphasis on fundamentals, coverage of modern/ advanced topics, good balance between theory and application.	✓			
2.	Current syllabus is adequately covers contemporary issues/emerging global and national trends in computer science and application.		✓		
3.	The syllabus meets the expectations in terms of learning values, skills, knowledge, attitude, analytical abilities, applicability, relevance and practical orientation to real life situations.		✓		
4.	Expectations about the course (Enhance by skill/knowledge base, better career opportunities etc) were achievable.		✓		
5.	The syllabus is covering inculcation of the aspects of life skills, transferable skills, cross cutting issues, gender equality, environment and sustainability, human rights and social security	✓			
6.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?		✓		
7.	Do you feel overall quality of teaching and learning process in the institution was good?	✓			
8.	Does the institution helps you to identify your strength and encourage you by provided right level of challenges to overcome your weakness?		✓		
9.	Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?		✓		
10.	Do you feel the quality of the institution is good?	✓			

Suggestions if any: case study related to IT skills should be added in the syllabus.

Alumni Information

Name: Pranav Pujari

Name of Organization: Amazon

Signature: Pranav

Year of Graduation: 2016-17

Position in Organization: manager.





Shri Vithal Institute of Progressive Education's,

INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)

Om Kasegaon Road, Kasegaon, Pandharpur-413 304. Dist-Solapur Ph.No.02186-232232/33

Date: 02/01/2019

Feedback from the Alumni

Name of the Alumni: Nagesh Gaikwad

Program Name: BCA Academic Year: 2018-19

The purpose of this survey is to obtain alumni input on the quality of education they received and the level of preparation they had at institute. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Your responses below are for purpose of evaluation

4 – Excellent	3 – Good	2 – Satisfactory	1 – Poor
Please respond to items below by writing 4/3/2/1			

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	The syllabus was need based; Emphasis on fundamentals, coverage of modern/ advanced topics, good balance between theory and application.		✓		
2.	Current syllabus is adequately covers contemporary issues/emerging global and national trends in computer science and application.	✓			
3.	The syllabus meets the expectations in terms of learning values, skills, knowledge, attitude, analytical abilities, applicability, relevance and practical orientation to real life situations.	✓			
4.	Expectations about the course (Enhance by skill/knowledge base, better career opportunities etc) were achievable.		✓		
5.	The syllabus is covering inculcation of the aspects of life skills, transferable skills, cross cutting issues, gender equality, environment and sustainability, human rights and social security	✓			
6.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?	✓			
7.	Do you feel overall quality of teaching and learning process in the institution was good?		✓		
8.	Does the institution helps you to identify your strength and encourage you by provided right level of challenges to overcome your weakness?		✓		
9.	Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?	✓			
10.	Do you feel the quality of the institution is good?	✓			

Suggestions if any: _____

Alumni Information

Name: Nagesh Gaikwad

Name of Organization: Wipro

Signature: Nagesh

Year of Graduation: 2016-17

Position in Organization: Developer





Shri Vithal Institute of Progressive Education's,

INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)

Old Kasegaon Road, Kasegaon, Pandharpur-413 304. Dist-Solapur Ph.No.02186-232232/33

Date: 02/01/2019

Feedback from the Alumni

Name of the Alumni: Asavari Kulkarni

Program Name: BCS Academic Year: 2018-19

The purpose of this survey is to obtain alumni input on the quality of education they received and the level of preparation they had at institute. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Your responses below are for purpose of evaluation

4 – Excellent	3 – Good	2 – Satisfactory	1 – Poor
Please respond to items below by writing 4/3/2/1			

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	The syllabus was need based; Emphasis on fundamentals, coverage of modern/ advanced topics, good balance between theory and application.		✓		
2.	Current syllabus is adequately covers contemporary issues/emerging global and national trends in computer science and application.	✓			
3.	The syllabus meets the expectations in terms of learning values, skills, knowledge, attitude, analytical abilities, applicability, relevance and practical orientation to real life situations.	✓			
4.	Expectations about the course (Enhance by skill/knowledge base, better career opportunities etc) were achievable.	✓			
5.	The syllabus is covering inculcation of the aspects of life skills, transferable skills, cross cutting issues, gender equality, environment and sustainability, human rights and social security		✓		
6.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?		✓		
7.	Do you feel overall quality of teaching and learning process in the institution was good?	✓			
8.	Does the institution helps you to identify your strength and encourage you by provided right level of challenges to overcome your weakness?		✓		
9.	Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?	✓			
10.	Do you feel the quality of the institution is good?		✓		

Suggestions if any: _____

Alumni Information

Name: Asavari Kulkarni

Name of Organization: Dynamic

Signature: Kulkarni

Year of Graduation: 2018

Position in Organization: Soft. Test.





Shri Vitthal Institute of Progressive Education's,

INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)

OM Kasegaon Road, Kasegaon, Pandharpur-413 304. Dist. Solapur Ph. No.02196-232232/33

Date: 03/01/2019

Feedback from the Alumni

Name of the Alumni: Sagar Nimbalkar

Program Name: B.Sc (ECS) Academic Year: 2018-19

The purpose of this survey is to obtain alumni input on the quality of education they received and the level of preparation they had at institute. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Your responses below are for purpose of evaluation

4 - Excellent	3 - Good	2 - Satisfactory	1 - Poor
Please respond to items below by writing 4/3/2/1			

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	The syllabus was need based; Emphasis on fundamentals, coverage of modern/ advanced topics, good balance between theory and application.		✓		
2.	Current syllabus is adequately covers contemporary issues/emerging global and national trends in computer science and application.	✓			
3.	The syllabus meets the expectations in terms of learning values, skills, knowledge, attitude, analytical abilities, applicability, relevance and practical orientation to real life situations.			✓	
4.	Expectations about the course (Enhance by skill/knowledge base, better career opportunities etc) were achievable.	✓			
5.	The syllabus is covering inculcation of the aspects of life skills, transferable skills, cross cutting issues, gender equality, environment and sustainability, human rights and social security	✓			
6.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?	✓			
7.	Do you feel overall quality of teaching and learning process in the institution was good?		✓		
8.	Does the institution helps you to identify your strength and encourage you by provided right level of challenges to overcome your weakness?		✓		
9.	Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?	✓			
10.	Do you feel the quality of the institution is good?		✓		

Suggestions if any: _____

Alumni Information

Name: Sagar Nimbalkar

Name of Organization: Soft Tech

Signature: Sml

Year of Graduation: 2017-18

Position in Organization: Developer





Shri Vithal Institute of Progressive Education's,

INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)

OM Kasegaon Road, Kasegaon, Pandharpur-413 304. Dist-Solapur Ph. No.02186-232232/33

Date: 28/12/2018

Feedback from the Employers

Name of the Employer: Mr. Dattatray S. Ghodake Year: 2018-19

Organization Name & Address: Krushivardhan AgroTech Pandharpur

This feedback form is intended to collect information relating to your satisfaction towards the curriculum, teaching-learning process, academic performance and overall quality. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Your responses below are for purpose of evaluation

4 - Excellent	3 - Good	2 - Satisfactory	1 - Poor
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Please respond to items below by writing 4/3/2/1

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	Current curriculum of all programmes is relevant for employability.	✓			
2.	Curriculum bridges the gap between Industry and Academic.		✓		
3.	Curriculum caters the need of industry and helps in building efficiency and effectiveness of organization.		✓		
4.	Curriculum exhibits to the students in communication skills and ability to function effectively as an individual as well as part of a team.		✓		
5.	Curriculum has application based courses which caters the needs of industry in terms of knowledge, skills, attitude and innovation.		✓		
6.	What is your opinion about students' academic performance in the institute?	✓			
7.	What is your opinion regarding the implementation of co-curricular and extra-curricular activities in the institution?		✓		
8.	What is your opinion about career and placement cell of the institution?		✓		
9.	What do you think about the progress of the institution in view of mission and goal of organization?		✓		
10.	Give your overall impression about progress of the institute.	✓			

Suggestions (if any): Curriculum should be updated as per the requirement of IT industry.

Signature of Employer: [Handwritten Signature]





Shri Vithal Institute of Progressive Education's,

INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)

OM Kasegaon Road, Kasegaon, Pandharpur-413 304. Dist. Solapur Ph. No.02196-232232/33

Date: 04/02/2019

Feedback from the Employers

Name of the Employer: Mr. Yogesh Darshane Year: 2018-19

Organization Name & Address: Darshane Enterprises, Pandharpur

This feedback form is intended to collect information relating to your satisfaction towards the curriculum, teaching-learning process, academic performance and overall quality. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Your responses below are for purpose of evaluation

4 - Excellent 3 - Good 2 - Satisfactory 1 - Poor

Please respond to items below by writing 4/3/2/1

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	Current curriculum of all programmes is relevant for employability.		✓		
2.	Curriculum bridges the gap between Industry and Academic.			✓	
3.	Curriculum caters the need of industry and helps in building efficiency and effectiveness of organization.		✓		
4.	Curriculum exhibits to the students in communication skills and ability to function effectively as an individual as well as part of a team.		✓		
5.	Curriculum has application based courses which caters the needs of industry in terms of knowledge, skills, attitude and innovation.		✓		
6.	What is your opinion about students' academic performance in the institute?	✓			
7.	What is your opinion regarding the implementation of co-curricular and extra-curricular activities in the institution?		✓		
8.	What is your opinion about career and placement cell of the institution?		✓		
9.	What do you think about the progress of the institution in view of mission and goal of organization?	✓			
10.	Give your overall impression about progress of the institute.	✓			

Suggestions (if any): more focus on fundamentals of computer should be given.

Signature of Employer:





Shri Vithal Institute of Progressive Education's,
INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)
Om Kasegaon Road, Kasegaon, Pandharpur-413 304. Dist-Solapur Ph. No.82106-232232/33

Date: 03/11/2020

Feedback from the Students

Name of the Student: Dinkar Kalyan Ghosale Academic Year: 1st

Program Name & Class: B.Sc. ECS - III

This feedback form is intended to collect information relating to your satisfaction towards the curriculum, teaching-learning process, academic performance and overall quality. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Your responses below are for purpose of evaluation			
4 - Excellent	3 - Good	2 - Satisfactory	1 - Poor
Please respond to items below by writing 4/3/2/1			

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	Rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course?	✓			
2.	What do you think about syllabus taught in the institute in terms of career in the job, services and business?		✓		
3.	Rate the theoretical concepts of syllabus supported by Practical/Experiments?	✓			
4.	Rate the contents included in the syllabus with reference to professional and higher level learning skills?	✓			
5.	How do you rate the sequence of the courses in the curriculum?		✓		
6.	Do you feel you get additional skills towards employability through value added courses/programs	✓			
7.	Did you feel the ambiance of the classrooms & labs is good?		✓		
8.	Whether the library facilities are suit for the self-learning for the students?	✓			
9.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?		✓		
10.	Overall quality of the college is good?	✓			

Suggestions (if any): Student Web Development framework can be added

Signature of Student: Dinkar





Shri Vithal Institute of Progressive Education's,

INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)

OM Kasegaon Road, Kasegaon, Pandharpur-413 304. Dist-Solapur Ph. No.02186-232232/33

Date: 10/05/2020

Feedback from the Students

Name of the Student: Rahul Shahaji Tate Academic Year: 2019-20

Program Name & Class: BCA-III

This feedback form is intended to collect information relating to your satisfaction towards the curriculum, teaching-learning process, academic performance and overall quality. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Your responses below are for purpose of evaluation

4 - Excellent 3 - Good 2 - Satisfactory 1 - Poor

Please respond to items below by writing 4/3/2/1

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	Rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course?		✓		
2.	What do you think about syllabus taught in the institute in terms of career in the job, services and business?	✓			
3.	Rate the theoretical concepts of syllabus supported by Practical/Experiments?	✓			
4.	Rate the contents included in the syllabus with reference to professional and higher level learning skills?	✓			
5.	How do you rate the sequence of the courses in the curriculum?		✓		
6.	Do you feel you get additional skills towards employability through value added courses/programs		✓		
7.	Did you feel the ambiance of the classrooms & labs is good?			✓	
8.	Whether the library facilities are suit for the self-learning for the students?	✓			
9.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?	✓			
10.	Overall quality of the college is good?	✓			

Suggestions (if any): More focuss on software quality
Assurance can be given.

Signature of Student:

Rahula





Shri Vithal Institute of Progressive Education's,

INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)

OM Kasegaon Road, Kasegaon, Pandharpur-413 304. Dist-Solapur Ph. No.02106-232232/33

Date: 12/01/20

Feedback from the Students

Name of the Student: Monika Pramod Danduge Academic Year: 2019-20

Program Name & Class: BCA-II

This feedback form is intended to collect information relating to your satisfaction towards the curriculum, teaching-learning process, academic performance and overall quality. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Your responses below are for purpose of evaluation

4 – Excellent 3–Good 2 – Satisfactory 1 – Poor

Please respond to items below by writing 4/3/2/1

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	Rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course?	✓			
2.	What do you think about syllabus taught in the institute in terms of career in the job, services and business?		✓		
3.	Rate the theoretical concepts of syllabus supported by Practical/Experiments?	✓			
4.	Rate the contents included in the syllabus with reference to professional and higher level learning skills?	✓			
5.	How do you rate the sequence of the courses in the curriculum?		✓		
6.	Do you feel you get additional skills towards employability through value added courses/programs	✓			
7.	Did you feel the ambiance of the classrooms & labs is good?	✓			
8.	Whether the library facilities are suit for the self-learning for the students?	✓			
9.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?	✓			
10.	Overall quality of the college is good?	✓			

Suggestions (if any): —

Signature of Student:

Monika





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INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)

Old Kasegaon Road, Kasegaon, Pandharpur-413 304. Dist. Solapur Ph. No.02186-232232/33

Date: 12/01/2020

Feedback from the Students

Name of the Student: Patil Pooja Dattatraya Academic Year: 2019-20

Program Name & Class: B.Sc. (FCS) - III

This feedback form is intended to collect information relating to your satisfaction towards the curriculum, teaching-learning process, academic performance and overall quality. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Your responses below are for purpose of evaluation

4 - Excellent

3 - Good

2 - Satisfactory

1 - Poor

Please respond to items below by writing 4/3/2/1

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	Rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course?	✓			
2.	What do you think about syllabus taught in the institute in terms of career in the job, services and business?	✓			
3.	Rate the theoretical concepts of syllabus supported by Practical/Experiments?		✓		
4.	Rate the contents included in the syllabus with reference to professional and higher level learning skills?	✓			
5.	How do you rate the sequence of the courses in the curriculum?	✓			
6.	Do you feel you get additional skills towards employability through value added courses/programs		✓		
7.	Did you feel the ambiance of the classrooms & labs is good?	✓			
8.	Whether the library facilities are suit for the self-learning for the students?	✓			
9.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?	✓			
10.	Overall quality of the college is good?		✓		

Suggestions (if any): Data Management System content should be made simple

Signature of Student: Patil





Shri Vithal Institute of Progressive Education's,

INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)

Old Kasegaon Road, Kasegaon, Pandharpur-413 304. Dist-Solapur Ph. No.02186-232232/33

Date: 15/11/20

Feedback from the Students

Name of the Student: Mrs Priyanka Yawar Academic Year: 2019-20

Program Name & Class: BSc (ECS-III)

This feedback form is intended to collect information relating to your satisfaction towards the curriculum, teaching-learning process, academic performance and overall quality. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Your responses below are for purpose of evaluation

4 – Excellent 3 – Good 2 – Satisfactory 1 – Poor

Please respond to items below by writing 4/3/2/1

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	Rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course?	✓			
2.	What do you think about syllabus taught in the institute in terms of career in the job, services and business?		✓		
3.	Rate the theoretical concepts of syllabus supported by Practical/Experiments?	✓			
4.	Rate the contents included in the syllabus with reference to professional and higher level learning skills?	✓			
5.	How do you rate the sequence of the courses in the curriculum?		✓		
6.	Do you feel you get additional skills towards employability through value added courses/programs	✓			
7.	Did you feel the ambiance of the classrooms & labs is good?		✓		
8.	Whether the library facilities are suit for the self-learning for the students?	✓			
9.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?		✓		
10.	Overall quality of the college is good?	✓			

Suggestions (if any): _____

Signature of Student: R. Yawar





Shri Vithal Institute of Progressive Education's,

INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)

Old Kasegaon Road, Kasegaon, Pandharpur-413 304. Dist-Solapur Ph.No.02186-232232/33

Date: 5/01/2020

Feedback from the Teachers

Name of the Teacher: Dr. Jayshree Vamanrao Chavan

Contact No: 7768008988 Academic Year: 2019-2020

This feedback form is intended to collect information relating to your satisfaction towards the curriculum, teaching-learning process, academic performance and overall quality. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Please mark a tick '✓' in the appropriate cell for every statement.

Your responses below are for purpose of evaluation

4 - Excellent	3 - Good	2 - Satisfactory	1 - Poor
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Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	The current content of syllabus is fulfilling the need of industry, sufficient to bridge the gap between industry and academics.	✓	✓		
2.	The course/ syllabus has good balance between theoretical concepts of syllabus and Practical/Experiments.		✓		
3.	Current syllabus tries to build the opportunities in terms of employability and entrepreneurial attitude amongst the students.	✓			
4.	Evaluation schemes designed for each of the course are sufficient for providing proper assessment.	✓			
5.	The course/syllabus has enabled to update knowledge and perspective in the subject area.	✓	✓		
6.	Did the institution provide FDPs and other programs at the right time to strengthen the teachers skills and Knowledge level?		✓		
7.	Do you feel the institution helps the students to identify their strengths and encourage them by providing the right level of challenges to overcome their weakness?		✓		
8.	Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?	✓			
9.	Do you feel the Library and other facilities are suitable for self-learning for the students?		✓		
10.	Do you feel the quality of the institution is good?	✓			

Please mention any other suggestions: Optimization related content need to be added.

Signature of Teacher: Chavan





Shri Vithal Institute of Progressive Education's,

INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)

OM Kasegaon Road, Kasegaon, Pandharpur-413 304, Dist-Solapur Ph.No.02186-232232/33

Date: 12/01/2020

Feedback from the Teachers

Name of the Teacher: Ms. Priyanka Jare

Contact No: 7083767570 Academic Year: 2019-20

This feedback form is intended to collect information relating to your satisfaction towards the curriculum, teaching-learning process, academic performance and overall quality. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Please mark a tick '✓' in the appropriate cell for every statement.

Your responses below are for purpose of evaluation

4 - Excellent	3 - Good	2 - Satisfactory	1 - Poor
---------------	----------	------------------	----------

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	The current content of syllabus is fulfilling the need of industry, sufficient to bridge the gap between industry and academics.	✓			
2.	The course/ syllabus has good balance between theoretical concepts of syllabus and Practical/Experiments.		✓		
3.	Current syllabus tries to build the opportunities in terms of employability and entrepreneurial attitude amongst the students.	✓			
4.	Evaluation schemes designed for each of the course are sufficient for providing proper assessment.		✓		
5.	The course/syllabus has enabled to update knowledge and perspective in the subject area.	✓			
6.	Did the institution provide FDPs and other programs at the right time to strengthen the teachers skills and Knowledge level?		✓		
7.	Do you feel the institution helps the students to identify their strengths and encourage them by providing the right level of challenges to overcome their weakness?		✓		
8.	Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?	✓			
9.	Do you feel the Library and other facilities are suitable for self-learning for the students?		✓		
10.	Do you feel the quality of the institution is good?	✓			

Please mention any other suggestions: Session on how to write research paper can be arranged.

Signature of Teacher:





Shri Vithal Institute of Progressive Education's,

INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)

Old Kasegaon Road, Kasegaon, Pandharpur-413 304 . Dist-Solapur Ph.No.02186-232232/33

Date: 15/04/2020

Feedback from the Teachers

Name of the Teacher: Dr. A. S. Bhoite

Contact No: 9921777102 Academic Year: 2019-20

This feedback form is intended to collect information relating to your satisfaction towards the curriculum, teaching-learning process, academic performance and overall quality. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Please mark a tick '✓' in the appropriate cell for every statement.

Your responses below are for purpose of evaluation

4 - Excellent	3 - Good	2 - Satisfactory	1 - Poor
---------------	----------	------------------	----------

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	The current content of syllabus is fulfilling the need of industry, sufficient to bridge the gap between industry and academics.	✓			
2.	The course/ syllabus has good balance between theoretical concepts of syllabus and Practical/Experiments.		✓		
3.	Current syllabus tries to build the opportunities in terms of employability and entrepreneurial attitude amongst the students.	✓			
4.	Evaluation schemes designed for each of the course are sufficient for providing proper assessment.		✓		
5.	The course/syllabus has enabled to update knowledge and perspective in the subject area.	✓			
6.	Did the institution provide FDPs and other programs at the right time to strengthen the teachers skills and Knowledge level?	✓			
7.	Do you feel the institution helps the students to identify their strengths and encourage them by providing the right level of challenges to overcome their weakness?		✓		
8.	Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?	✓			
9.	Do you feel the Library and other facilities are suitable for self-learning for the students?		✓		
10.	Do you feel the quality of the institution is good?	✓			

Please mention any other suggestions: _____

Signature of Teacher: [Signature]





Shri Vithal Institute of Progressive Education's,

INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)

OM Kasegaon Road, Kasegaon, Pandharpur-413 304 . Dist-Solapur Ph.No.02106-232232/33

Date: 17/12/2019

Feedback from the Alumni

Name of the Alumni: Madhav Lengare

Program Name: B.Sc (ECS) Academic Year: 2018-2020

The purpose of this survey is to obtain alumni input on the quality of education they received and the level of preparation they had at institute. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Your responses below are for purpose of evaluation

4 – Excellent	3 – Good	2 – Satisfactory	1 – Poor
---------------	----------	------------------	----------

Please respond to items below by writing 4/3/2/1

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	The syllabus was need based; Emphasis on fundamentals, coverage of modern/ advanced topics, good balance between theory and application.	✓			
2.	Current syllabus is adequately covers contemporary issues/emerging global and national trends in computer science and application.		✓		
3.	The syllabus meets the expectations in terms of learning values, skills, knowledge, attitude, analytical abilities, applicability, relevance and practical orientation to real life situations.	✓			
4.	Expectations about the course (Enhance by skill/knowledge base, better career opportunities etc) were achievable.		✓		
5.	The syllabus is covering inculcation of the aspects of life skills, transferable skills, cross cutting issues, gender equality, environment and sustainability, human rights and social security	✓			
6.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?	✓			
7.	Do you feel overall quality of teaching and learning process in the institution was good?		✓		
8.	Does the institution helps you to identify your strength and encourage you by provided right level of challenges to overcome your weakness?	✓			
9.	Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?		✓		
10.	Do you feel the quality of the institution is good?		✓		

Suggestions if any: _____

Alumni Information

Name: Madhav Lengare

Name of Organization: _____

Signature: Lengare

Year of Graduation: 2018-19

Position in Organization: _____





Shri Vithal Institute of Progressive Education's,

INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)

Old Kasegaon Road, Kasegaon, Pandharpur-413 304. Dist-Solapur Ph. No.02186-232232/33

Date: 03/01/2020

Feedback from the Alumni

Name of the Alumni: Sonali Samadhan Kadam

Program Name: B.Sc (ECS) Academic Year: 2019-20

The purpose of this survey is to obtain alumni input on the quality of education they received and the level of preparation they had at institute. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Your responses below are for purpose of evaluation

4 – Excellent	3 – Good	2 – Satisfactory	1 – Poor
Please respond to items below by writing 4/3/2/1			

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	The syllabus was need based; Emphasis on fundamentals, coverage of modern/ advanced topics, good balance between theory and application.	✓			
2.	Current syllabus is adequately covers contemporary issues/emerging global and national trends in computer science and application.	✓			
3.	The syllabus meets the expectations in terms of learning values, skills, knowledge, attitude, analytical abilities, applicability, relevance and practical orientation to real life situations.		✓		
4.	Expectations about the course (Enhance by skill/knowledge base, better career opportunities etc) were achievable.		✓		
5.	The syllabus is covering inculcation of the aspects of life skills, transferable skills, cross cutting issues, gender equality, environment and sustainability, human rights and social security	✓			
6.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?	✓			
7.	Do you feel overall quality of teaching and learning process in the institution was good?		✓		
8.	Does the institution helps you to identify your strength and encourage you by provided right level of challenges to overcome your weakness?	✓			
9.	Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?		✓		
10.	Do you feel the quality of the institution is good?		✓		

Suggestions if any: Web development using PHP can be added.

Alumni Information

Name: Sonali Kadam
 Name of Organization: Web Tech. Pune
 Signature: Sonali. S. Kadam

Year of Graduation: 2017-18
 Position in Organization: Software Tester





Shri Vitthal Institute of Progressive Education's,

INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)

OM Kasegaon Road, Kasegaon, Pandharpur-413 304, Dist. Solapur Ph. No.02186-232232/33

Date: 08/01/2020

Feedback from the Alumni

Name of the Alumni: Nikhil Nandkumar Joshi

Program Name: B.Sc (ECS) Academic Year: 2019-20

The purpose of this survey is to obtain alumni input on the quality of education they received and the level of preparation they had at institute. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Your responses below are for purpose of evaluation

4 – Excellent	3 – Good	2 – Satisfactory	1 – Poor
Please respond to items below by writing 4/3/2/1			

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	The syllabus was need based; Emphasis on fundamentals, coverage of modern/ advanced topics, good balance between theory and application.	✓			
2.	Current syllabus is adequately covers contemporary issues/emerging global and national trends in computer science and application.	✓			
3.	The syllabus meets the expectations in terms of learning values, skills, knowledge, attitude, analytical abilities, applicability, relevance and practical orientation to real life situations.		✓		
4.	Expectations about the course (Enhance by skill/knowledge base, better career opportunities etc) were achievable.	✓			
5.	The syllabus is covering inculcation of the aspects of life skills, transferable skills, cross cutting issues, gender equality, environment and sustainability, human rights and social security	✓			
6.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?		✓		
7.	Do you feel overall quality of teaching and learning process in the institution was good?		✓		
8.	Does the institution helps you to identify your strength and encourage you by provided right level of challenges to overcome your weakness?	✓			
9.	Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?	✓			
10.	Do you feel the quality of the institution is good?	✓			

Suggestions if any: Syllabus of data structure should be more expanded.

Alumni Information

Name: Nikhil Joshi

Name of Organization: Excel Info. Ltd.

Signature: N Joshi

Year of Graduation: 2017-18

Position in Organization: Developer





Shri Vithal Institute of Progressive Education's,

INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)

Om Kasegaon Road, Kasegaon, Pandharpur-413 304, Dist. Solapur Ph. No.02186-232232/33

Date: 5/01/2020

Feedback from the Alumni

Name of the Alumni: Ganesh Doke

Program Name: B.Sc (ECS) Academic Year: 2019-20

The purpose of this survey is to obtain alumni input on the quality of education they received and the level of preparation they had at institute. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Your responses below are for purpose of evaluation

4 - Excellent	3 - Good	2 - Satisfactory	1 - Poor
Please respond to items below by writing 4/3/2/1			

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	The syllabus was need based; Emphasis on fundamentals, coverage of modern/ advanced topics, good balance between theory and application.	✓			
2.	Current syllabus is adequately covers contemporary issues/emerging global and national trends in computer science and application.	✓	✓		
3.	The syllabus meets the expectations in terms of learning values, skills, knowledge, attitude, analytical abilities, applicability, relevance and practical orientation to real life situations.		✓		
4.	Expectations about the course (Enhance by skill/knowledge base, better career opportunities etc) were achievable.	✓			
5.	The syllabus is covering inculcation of the aspects of life skills, transferable skills, cross cutting issues, gender equality, environment and sustainability, human rights and social security	✓			
6.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?		✓		
7.	Do you feel overall quality of teaching and learning process in the institution was good?	✓			
8.	Does the institution helps you to identify your strength and encourage you by provided right level of challenges to overcome your weakness?		✓		
9.	Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?	✓			
10.	Do you feel the quality of the institution is good?		✓		

Suggestions if any: Angular JS react need to be added

Alumni Information

Name: Ganesh Doke

Name of Organization: _____

Signature: [Signature]

Year of Graduation: 2017-18

Position in Organization: _____





Shri Vithal Institute of Progressive Education's,

INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)

Om Kasegaon Road, Kasegaon, Pandharpur-413 304. Dist. Solapur Ph. No.02186-232232/33

Date: 07/01/2020

Feedback from the Employers

Name of the Employer: Suraj Dote Year: 2019-20

Organization Name & Address: Spartan Technologies, Machnur, Mangalwedha

This feedback form is intended to collect information relating to your satisfaction towards the curriculum, teaching-learning process, academic performance and overall quality. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Your responses below are for purpose of evaluation

4 – Excellent 3–Good 2 – Satisfactory 1 – Poor

Please respond to items below by writing 4/3/2/1

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	Current curriculum of all programmes is relevant for employability.		✓		
2.	Curriculum bridges the gap between Industry and Academic.			✓	
3.	Curriculum caters the need of industry and helps in building efficiency and effectiveness of organization.		✓		
4.	Curriculum exhibits to the students in communication skills and ability to function effectively as an individual as well as part of a team.		✓		
5.	Curriculum has application based courses which caters the needs of industry in terms of knowledge, skills, attitude and innovation.		✓		
6.	What is your opinion about students' academic performance in the institute?	✓			
7.	What is your opinion regarding the implementation of co-curricular and extra-curricular activities in the institution?			✓	
8.	What is your opinion about career and placement cell of the institution?		✓		
9.	What do you think about the progress of the institution in view of mission and goal of organization?		✓		
10.	Give your overall impression about progress of the institute.		✓		

Suggestions (if any): Topics related finance accounting using any tool can be included in the syllabus.

Signature of Employer: Seeks





Shri Vithal Institute of Progressive Education's,

INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)

Old Kasegaon Road, Kasegaon, Pandharpur-413 304. Dist-Solapur Ph.No.02186-232232/33

Date: 15/11/2020

Feedback from the Employers

Name of the Employer: Mr. Niranjan Shinde Year: 2019-2020

Organization Name & Address: Prunoday Enterprises, Kolhapur

This feedback form is intended to collect information relating to your satisfaction towards the curriculum, teaching-learning process, academic performance and overall quality. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Your responses below are for purpose of evaluation

4 - Excellent	3 - Good	2 - Satisfactory	1 - Poor
---------------	----------	------------------	----------

Please respond to items below by writing 4/3/2/1

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	Current curriculum of all programmes is relevant for employability.	L			
2.	Curriculum bridges the gap between Industry and Academic.		✓		
3.	Curriculum caters the need of industry and helps in building efficiency and effectiveness of organization.		✓		
4.	Curriculum exhibits to the students in communication skills and ability to function effectively as an individual as well as part of a team.		✓		
5.	Curriculum has application based courses which caters the needs of industry in terms of knowledge, skills, attitude and innovation.		.	L	
6.	What is your opinion about students' academic performance in the institute?		✓		
7.	What is your opinion regarding the implementation of co-curricular and extra-curricular activities in the institution?		✓		
8.	What is your opinion about career and placement cell of the institution?		✓		
9.	What do you think about the progress of the institution in view of mission and goal of organization?		✓		
10.	Give your overall impression about progress of the institute.	✓			

Suggestions (if any): Entrepreneurship and business management related subject/module need to be added.

Signature of Employer: [Signature]





Shri Vithal Institute of Progressive Education's,

INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR

B.C.A. & B.Sc. (Entire Computer Science)

OM Kasegaon Road, Kasegaon, Pandharpur-413 304, Dist. Solapur Ph. No.02186-232232/33

Date: 20/12/2019

Feedback from the Employers

Name of the Employer: Mr. D.S. Ghodake Year: 2019-20

Organization Name & Address: Let's Learn and Grow Together

This feedback form is intended to collect information relating to your satisfaction towards the curriculum, teaching-learning process, academic performance and overall quality. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Your responses below are for purpose of evaluation

4 - Excellent

3 - Good

2 - Satisfactory

1 - Poor

Please respond to items below by writing 4/3/2/1

Sr. No.	Particular	Excellent	Good	Satisfactory	Poor
1.	Current curriculum of all programmes is relevant for employability.			✓	
2.	Curriculum bridges the gap between Industry and Academic.		✓		
3.	Curriculum caters the need of industry and helps in building efficiency and effectiveness of organization.		✓		
4.	Curriculum exhibits to the students in communication skills and ability to function effectively as an individual as well as part of a team.			✓	
5.	Curriculum has application based courses which caters the needs of industry in terms of knowledge, skills, attitude and innovation.		✓		
6.	What is your opinion about students' academic performance in the institute?		✓		
7.	What is your opinion regarding the implementation of co-curricular and extra-curricular activities in the institution?		✓		
8.	What is your opinion about career and placement cell of the institution?		✓		
9.	What do you think about the progress of the institution in view of mission and goal of organization?		✓		
10.	Give your overall impression about progress of the institute.	✓			

Suggestions (if any): Data science using statistics, can be included.

Signature of Employer: Ghodake



Feedback from the Students

SVIPE's Institute of Computer and Management Studies, Kasegaon

This feedback form is intended to collect information relating to your satisfaction towards the curriculum, teaching-learning process, academic performance and overall quality. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Name of the Student *

DESHMUKH VAISHNAVI VINAY

Academic Year *

2020-2021

Program Name & Class *

B.Sc.(ECS)-III

Instructions for Response to Feedback

Your responses below are for purpose of evaluation			
4 – Excellent	3–Good	2 – Satisfactory	1 – Poor
Please respond to items below by writing 4/3/2/1			



*

	Excellent	Good	Satisfactory	Poor
1. Rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. What do you think about syllabus taught in the institute in terms of career in the job, services and business?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Rate the theoretical concepts of syllabus supported by Practical/Experiments?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Rate the contents included in the syllabus with reference to professional and higher level learning skills?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. How do you rate the sequence of the courses in the curriculum?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. Do you feel you get additional skills towards employability through value added courses/programs	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
7. Did you feel the ambiance of the classrooms & lab is	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



CLASSROOMS & LABS IS
good?

8. Whether the library
facilities are suit for
the self-learning for
the students?

9. Do you feel the
teachers illustrated
the concepts of the
subjects through live
examples and
applications?

10. Overall quality of
the college is good?

Suggestions (if any)

Guidance related to various online courses/platform should be provided.



Feedback from the Teachers_ SVIPE's Institute of Computer and Management Studies, Kasegaon

This feedback form is intended to collect information relating to your satisfaction towards the curriculum, teaching-learning process, academic performance and overall quality. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Name of the Teacher *

MS. P.S.JARE

Contact No. *

7083767570

Academic Year *

2020-2021

Instructions for Response to Feedback

Your responses below are for purpose of evaluation			
4 – Excellent	3–Good	2 – Satisfactory	1 – Poor
Please respond to items below by writing 4/3/2/1			



*

	Excellent	Good	Satisfactory	Poor
The current content of syllabus is fulfilling the need of industry, sufficient to bridge the gap between industry and academics.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
The course/ syllabus has good balance between theoretical concepts of syllabus and Practical/Experiments.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Current syllabus tries to build the opportunities in terms of employability and entrepreneurial attitude amongst the students.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Evaluation schemes designed for each of the course are sufficient for providing proper assessment.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The course/syllabus has enabled to update knowledge and perspective in the subject area.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Did the institution provide FDPs and other programs at the right time to strengthen the	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>



teachers skills and Knowledge level?

Do you feel the institution helps the students to identify their strengths and encourage them by providing the right level of challenges to overcome their weakness?

Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?

Do you feel the Library and other facilities are suitable for self-learning for the students?

Do you feel the quality of the institution is good?

Suggestions (if any)

Curriculum should be designed based on the requirements of the industry and the needs of the students.



Feedback from the Alumni :- SVIPE's Institute of Computer and Management Studies, Kasegaon

The purpose of this survey is to obtain alumni input on the quality of education they received and the level of preparation they had at institute. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Name of the Alumni *

RUTUJA DESHMUKH

Program Name *

BCS

Academic Year *

2020-2021

Contact No. *

9665193094

Year of Graduation *

2016-17



Name of Organization

TCS

Position in Organization *

DEVELOPER

Instructions for Response to Feedback

Your responses below are for purpose of evaluation

4 – Excellent

3–Good

2 – Satisfactory

1 – Poor

Please respond to items below by writing 4/3/2/1



*

	Excellent	Good	Satisfactory	Column 4
The syllabus was need based; Emphasis on fundamentals, coverage of modern/advanced topics, good balance between theory and application.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Current syllabus is adequately covers contemporary issues/emerging global and national trends in computer science and application.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
The syllabus meets the expectations in terms of learning values, skills, knowledge, attitude, analytical abilities, applicability, relevance and practical orientation to real life situations.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Expectations about the course (Enhance by skill/knowledge base, better career opportunities etc) were achievable.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The syllabus is covering inculcation of the aspects of life skills, transferable skills, cross cutting	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>



issues, gender equality, environment and sustainability, human rights and social security

Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?



Do you feel overall quality of teaching and learning process in the institution was good?



Does the institution helps you to identify your strength and encourage you by provided right level of challenges to overcome your weakness?



Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?



Do you feel the quality of the institution is good?



Suggestions (if any)

Courses on IoT can be included in the curriculum to provide students with the knowledge and skills to work with IT technology

Google Forms

SVIPE's Institute of Computer and Management Studies, Kasegaon

Feedback from the Employers

This feedback form is intended to collect information relating to your satisfaction towards the curriculum, teaching-learning process, academic performance and overall quality. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Name of the Employer *

Mr. Niranjn Shinde

Organization Name & Address *

Arunoday Enterprises, Kolhapur

Year *

2020-2021

Instructions for Response to Feedback

Your responses below are for purpose of evaluation			
4 – Excellent	3–Good	2 – Satisfactory	1 – Poor
Please respond to items below by writing 4/3/2/1			



*

	Excellent	Good	Satisfactory	Poor
Current curriculum of all programmes is relevant for employability.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Curriculum bridges the gap between Industry and Academic.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Curriculum caters the need of industry and helps in building efficiency and effectiveness of organization.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Curriculum exhibits to the students in communication skills and ability to function effectively as an individual as well as part of a team.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Curriculum has application based courses which caters the needs of industry in terms of knowledge, skills, attitude and innovation.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
What is your opinion about students' academic	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



performance in the institute?

What is your opinion regarding the implementation of co-curricular and extra-curricular activities in the institution?

What is your opinion about career and placement cell of the institution?

What do you think about the progress of the institution in view of mission and goal of organization?

Give your overall impression about progress of the institute.

Please mention any other suggestions:

To make students job-ready, courses that focus on industry-relevant skills can be included in the curriculum. These could include project management, communication skills, and teamwork, among others.



Feedback from the Students

SVIPE's Institute of Computer and Management Studies, Kasegaon

This feedback form is intended to collect information relating to your satisfaction towards the curriculum, teaching-learning process, academic performance and overall quality. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Name of the Student *

BAGAL MRUNALI TANAJI

Academic Year *

2021-2022

Program Name & Class *

BCA- III (2021-22)

Instructions for Response to Feedback

Your responses below are for purpose of evaluation			
4 – Excellent	3–Good	2 – Satisfactory	1 – Poor
Please respond to items below by writing 4/3/2/1			



*

	Excellent	Good	Satisfactory	Poor
1. Rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. What do you think about syllabus taught in the institute in terms of career in the job, services and business?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Rate the theoretical concepts of syllabus supported by Practical/Experiments?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Rate the contents included in the syllabus with reference to professional and higher level learning skills?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. How do you rate the sequence of the courses in the curriculum?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. Do you feel you get additional skills towards employability through value added courses/programs	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
7. Did you feel the ambiance of the classrooms & lab is	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



CLASSROOMS & LABS IS
good?

8. Whether the library
facilities are suit for
the self-learning for
the students?



9. Do you feel the
teachers illustrated
the concepts of the
subjects through live
examples and
applications?



10. Overall quality of
the college is good?



Suggestions (if any)

Python Programming need to be introduced at first year level.



Feedback from the Teachers_ SVIPE's Institute of Computer and Management Studies, Kasegaon

This feedback form is intended to collect information relating to your satisfaction towards the curriculum, teaching-learning process, academic performance and overall quality. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Name of the Teacher *

MR. A. B. CHOUGULE

Contact No. *

9503369648

Academic Year *

2021-2022

Instructions for Response to Feedback

Your responses below are for purpose of evaluation			
4 – Excellent	3–Good	2 – Satisfactory	1 – Poor
Please respond to items below by writing 4/3/2/1			



*

	Excellent	Good	Satisfactory	Poor
The current content of syllabus is fulfilling the need of industry, sufficient to bridge the gap between industry and academics.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
The course/ syllabus has good balance between theoretical concepts of syllabus and Practical/Experiments.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Current syllabus tries to build the opportunities in terms of employability and entrepreneurial attitude amongst the students.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Evaluation schemes designed for each of the course are sufficient for providing proper assessment.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The course/syllabus has enabled to update knowledge and perspective in the subject area.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Did the institution provide FDPs and other programs at the right time to strengthen the	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>



teachers skills and Knowledge level?

Do you feel the institution helps the students to identify their strengths and encourage them by providing the right level of challenges to overcome their weakness?

Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?

Do you feel the Library and other facilities are suitable for self-learning for the students?

Do you feel the quality of the institution is good?

Suggestions (if any)

Guidance related to Project Management is required



Feedback from the Alumni :- SVIPE's Institute of Computer and Management Studies, Kasegaon

The purpose of this survey is to obtain alumni input on the quality of education they received and the level of preparation they had at institute. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Name of the Alumni *

Ganesh Kamble

Program Name *

BCA

Academic Year *

2021-2022

Contact No. *

7887904000

Year of Graduation *

2016-17



Name of Organization

Computer Center

Position in Organization *

Owner

Instructions for Response to Feedback

Your responses below are for purpose of evaluation

4 – Excellent

3–Good

2 – Satisfactory

1 – Poor

Please respond to items below by writing 4/3/2/1



*

	Excellent	Good	Satisfactory	Column 4
The syllabus was need based; Emphasis on fundamentals, coverage of modern/ advanced topics, good balance between theory and application.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Current syllabus is adequately covers contemporary issues/emerging global and national trends in computer science and application.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
The syllabus meets the expectations in terms of learning values, skills, knowledge, attitude, analytical abilities, applicability, relevance and practical orientation to real life situations.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Expectations about the course (Enhance by skill/knowledge base, better career opportunities etc) were achievable.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



The syllabus is covering inculcation of the aspects of life skills, transferable skills, cross cutting issues, gender equality, environment and sustainability, human rights and social security

Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?

Do you feel overall quality of teaching and learning process in the institution was good?

Does the institution helps you to identify your strength and encourage you by provided right level of challenges to overcome your weakness?

Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?

Do you feel the quality of the institution is good?



Suggestions (if any)

The syllabus should include elective courses that allow students to specialize in a particular area of interest.



SVIPE's Institute of Computer and Management Studies, Kasegaon

Feedback from the Employers

This feedback form is intended to collect information relating to your satisfaction towards the curriculum, teaching-learning process, academic performance and overall quality. The information provided by you will be kept confidential and will be used as important feedback for overall quality improvement of institution.

Name of the Employer *

Mr. Dattatray S. Ghodake

Organization Name & Address *

Krushivardhan AgroTech., Pandharpur

Year *

2021-2022

Instructions for Response to Feedback

Your responses below are for purpose of evaluation			
4 – Excellent	3 – Good	2 – Satisfactory	1 – Poor

Please respond to items below by writing 4/3/2/1



*

	Excellent	Good	Satisfactory	Poor
Current curriculum of all programmes is relevant for employability.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Curriculum bridges the gap between Industry and Academic.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Curriculum caters the need of industry and helps in building efficiency and effectiveness of organization.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Curriculum exhibits to the students in communication skills and ability to function effectively as an individual as well as part of a team.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Curriculum has application based courses which caters the needs of industry in terms of knowledge, skills, attitude and innovation.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
What is your opinion about students' academic	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



performance in the institute?

What is your opinion regarding the implementation of co-curricular and extra-curricular activities in the institution?

What is your opinion about career and placement cell of the institution?

What do you think about the progress of the institution in view of mission and goal of organization?

Give your overall impression about progress of the institute.

Please mention any other suggestions:

The syllabus should include courses or modules that focus on entrepreneurship and business management. This can help students to develop an entrepreneurial mindset and start their own ventures.



Appendix-II

**Stakeholder feedback
analysis report signed by
the Principal**



Shri Vithal Institute of Progressive Education's

Institute of Computer & Management studies, Kasegaon

(Approved by Govt. of Maharashtra and Affiliated to Solapur University, Solapur)

B.C.A. & B.Sc. (Entire Computer Science)

Old - Kasegaon Road, Kasegaon, Tal. Pandharpur Dist. Solapur Pin. 413304, Ph.No. 02186-232233

Email.: icmskasegaon@yahoo.com , Website.: <http://www.icms.svipec.edu.in>

FEEDBACK ANALYSIS

Feedback from the Students

Academic Year: 2018-19

Number of Responses: 42

Q. NO.	PARTICULAR	MEAN SCORE (4)
1.	Rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course?	3.67
2.	What do you think about syllabus taught in the institute in terms of career in the job, services and business?	3.68
3.	Rate the theoretical concepts of syllabus supported by Practical/Experiments?	3.56
4.	Rate the contents included in the syllabus with reference to professional and higher level learning skills?	3.57
5.	How do you rate the sequence of the courses in the curriculum?	3.58
6.	Do you feel you get additional skills towards employability through value added courses/programs	3.76
7.	Did you feel the ambiance of the classrooms & labs is good?	3.68
8.	Whether the library facilities are suit for the self-learning for the students?	3.76
9.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?	3.80
10.	Overall quality of the college is good?	3.82



Nupale

PRINCIPAL,
Institute of Computer and Management
Studies, Kasegaon, Tal. Pandharpur

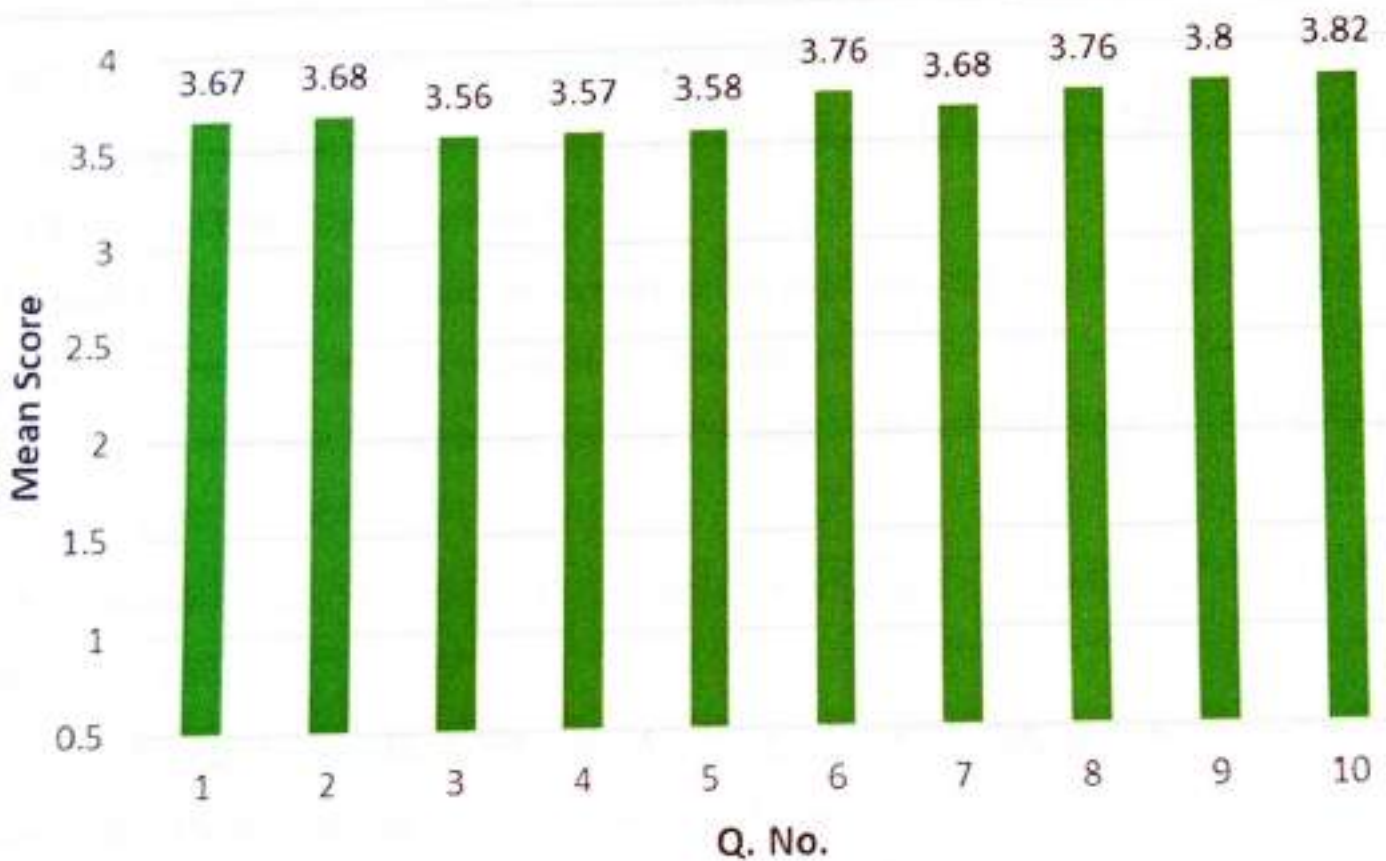


FEEDBACK ANALYSIS

Feedback from the Students

Academic Year: 2018-19

GRAPHICAL REPRESENTATION



Atyale

PRINCIPAL,
Institute of Computer and Management
Studies, Kasegaon, Tal. Pandharpur



FEEDBACK ANALYSIS

Feedback from the Teachers

Academic Year: 2018-19

Number of Responses: 12

Q. NO.	PARTICULAR	MEAN SCORE (4)
1.	The current content of syllabus is fulfilling the need of industry, sufficient to bridge the gap between industry and academics.	3.52
2.	The course/ syllabus has good balance between theoretical concepts of syllabus and Practical/Experiments.	3.46
3.	Current syllabus tries to build the opportunities in terms of employability and entrepreneurial attitude amongst the students.	3.52
4.	Evaluation schemes designed for each of the course are sufficient for providing proper assessment.	3.72
5.	The course/syllabus has enabled to update knowledge and perspective in the subject area.	3.58
6.	Did the institution provide FDPs and other programs at the right time to strengthen the teachers skills and Knowledge level?	3.76
7.	Do you feel the institution helps the students to identify their strengths and encourage them by providing the right level of challenges to overcome their weakness?	3.68
8.	Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?	3.76
9.	Do you feel the Library and other facilities are suitable for self-learning for the students?	3.82
10.	Do you feel the quality of the institution is good?	3.86



Anupale

PRINCIPAL,
Institute of Computer and Management
Studies, Kasegaon, Tal. Pandharpur



Shri Vitthal Institute of Progressive Education's

Institute of Computer & Management studies, Kasegaon

(Approved by Govt. of Maharashtra and Affiliated to Solapur University, Solapur)

B.C.A. & B.Sc. (Entire Computer Science)

Old - Kasegaon Road, Kasegaon, Tal. Pandharpur Dist. Solapur Pin. 413304, Ph.No. 02186-232233

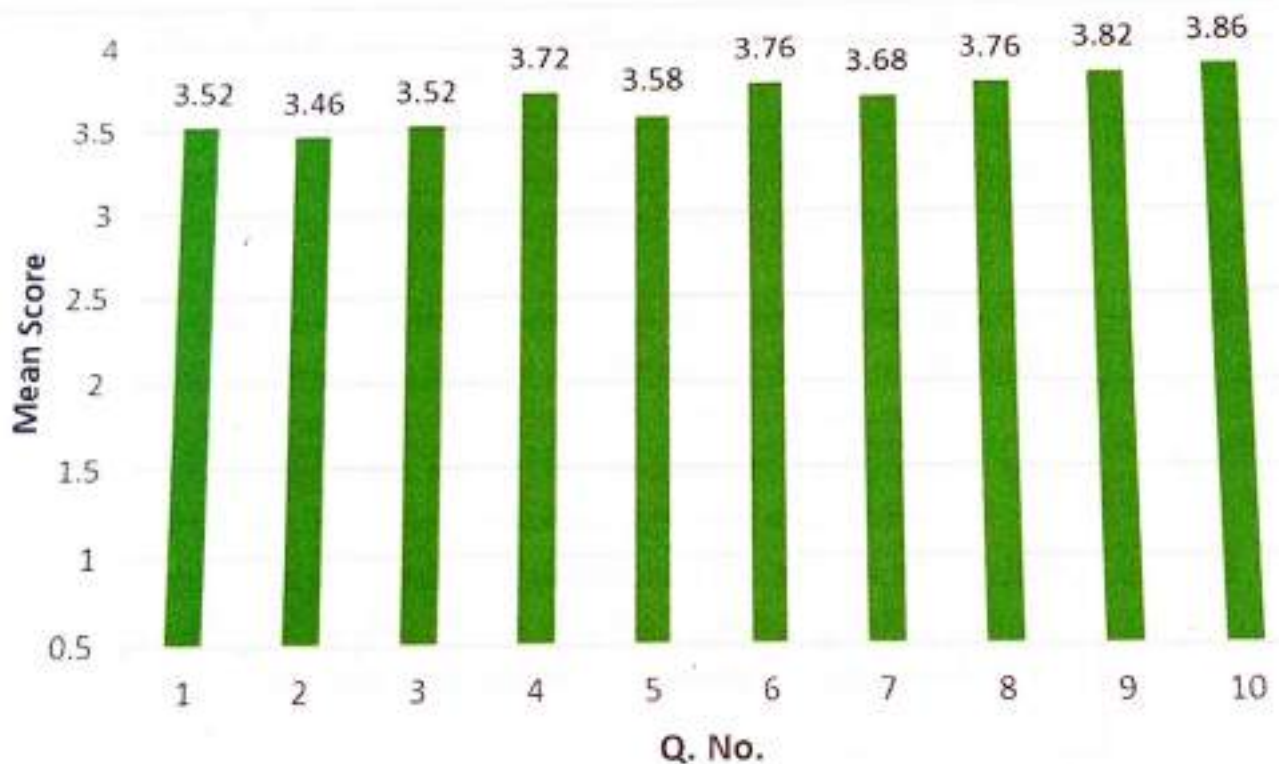
Email.: icmskasegaon@yahoo.com . Website.: <http://www.icms.svipe.edu.in>

FEEDBACK ANALYSIS

Feedback from the Teachers

Academic Year: 2018-19

GRAPHICAL REPRESENTATION



Anupale

PRINCIPAL,

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FEEDBACK ANALYSIS

Feedback from the Alumni

Academic Year: 2018-19

Number of Responses: 10

Q. NO.	PARTICULAR	MEAN SCORE (4)
1.	The syllabus was need based; Emphasis on fundamentals, coverage of modern/ advanced topics, good balance between theory and application.	3.71
2.	Current syllabus is adequately covers contemporary issues/emerging global and national trends in computer science and application.	3.63
3.	The syllabus meets the expectations in terms of learning values, skills, knowledge, attitude, analytical abilities, applicability, relevance and practical orientation to real life situations.	3.59
4.	Expectations about the course (Enhance by skill/knowledge base, better career opportunities etc) were achievable.	3.57
5.	The syllabus is covering inculcation of the aspects of life skills, transferable skills, cross cutting issues, gender equality, environment and sustainability, human rights and social security	3.74
6.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?	3.63
7.	Do you feel overall quality of teaching and learning process in the institution was good?	3.72
8.	Does the institution helps you to identify your strength and encourage you by provided right level of challenges to overcome your weakness?	3.36
9.	Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?	3.77
10.	Do you feel the quality of the institution is good?	3.85



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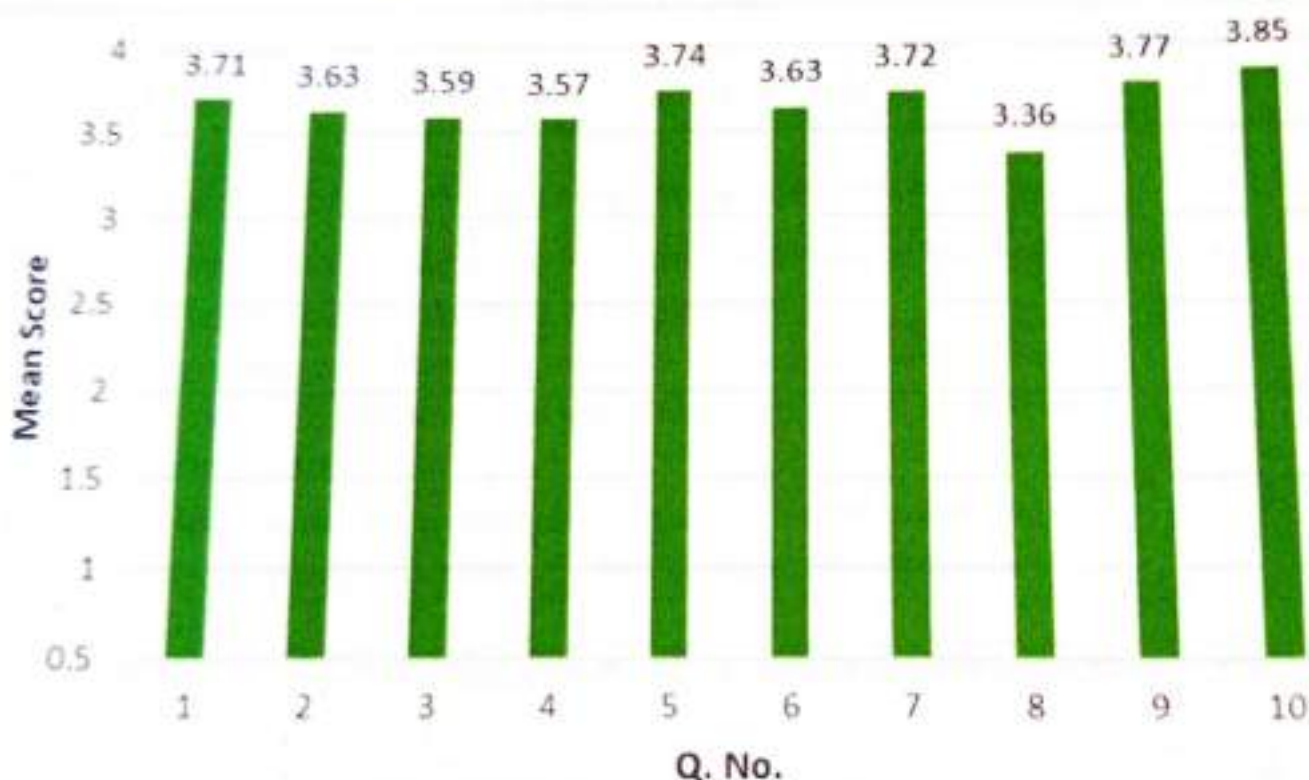
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FEEDBACK ANALYSIS

Feedback from the Alumni
Academic Year: 2018-19

GRAPHICAL REPRESENTATION



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FEEDBACK ANALYSIS

Feedback from the Employers

Academic Year: 2018-19

Number of Responses: 03

Q. NO.	PARTICULAR	MEAN SCORE (4)
1.	Current curriculum of all programmes is relevant for employability.	3.33
2.	Curriculum bridges the gap between Industry and Academic.	3.63
3.	Curriculum caters the need of industry and helps in building efficiency and effectiveness of organization.	3.60
4.	Curriculum exhibits to the students in communication skills and ability to function effectively as an individual as well as part of a team.	3.72
5.	Curriculum has application based courses which caters the needs of industry in terms of knowledge, skills, attitude and innovation.	3.53
6.	What is your opinion about students' academic performance in the institute?	3.62
7.	What is your opinion regarding the implementation of co-curricular and extra-curricular activities in the institution?	3.46
8.	What is your opinion about career and placement cell of the institution?	3.22
9.	What do you think about the progress of the institution in view of mission and goal of organization?	3.48
10.	Give your overall impression about progress of the institute.	3.62



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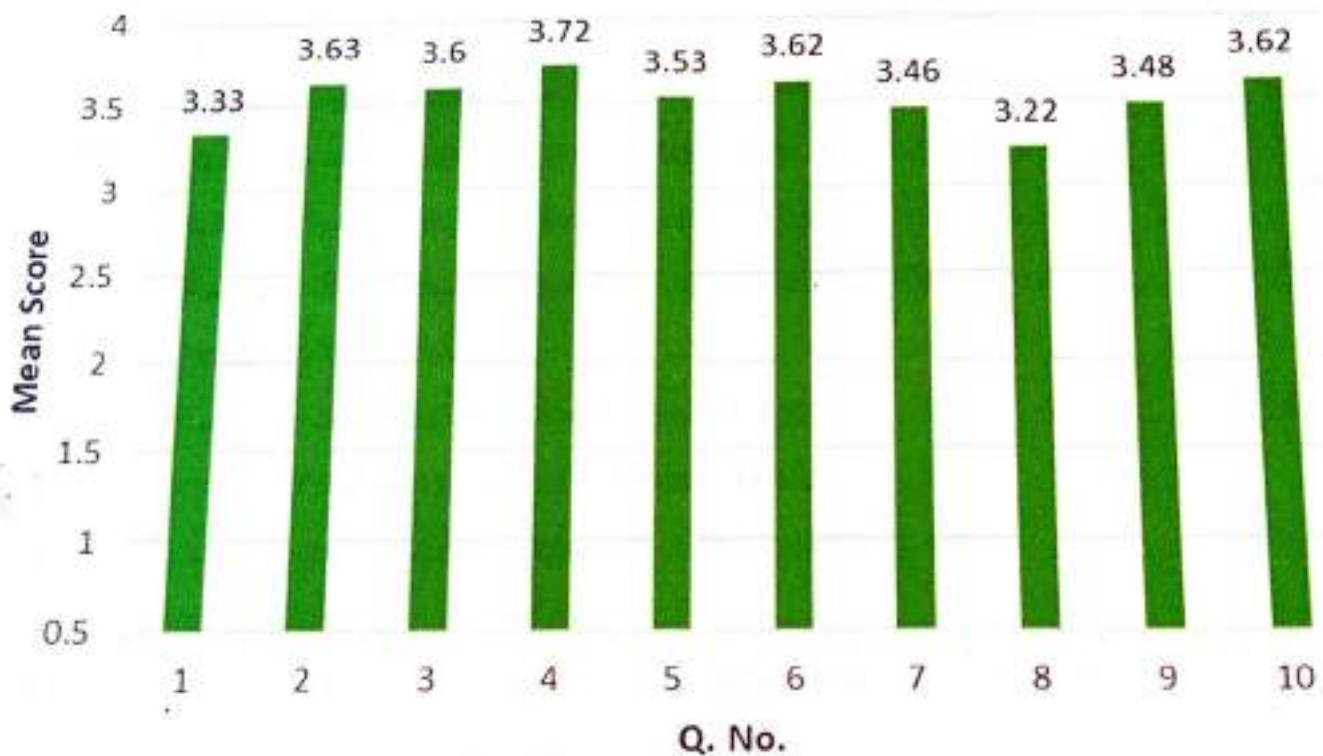
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FEEDBACK ANALYSIS

Feedback from the Employers

Academic Year: 2018-19

GRAPHICAL REPRESENTATION



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FEEDBACK ANALYSIS

Feedback from the Students

Academic Year: 2019-2020

Number of Responses: 51

Q. NO.	PARTICULAR	MEAN SCORE (4)
1.	Rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course?	3.69
2.	What do you think about syllabus taught in the institute in terms of career in the job, services and business?	3.67
3.	Rate the theoretical concepts of syllabus supported by Practical/Experiments?	3.59
4.	Rate the contents included in the syllabus with reference to professional and higher level learning skills?	3.62
5.	How do you rate the sequence of the courses in the curriculum?	3.68
6.	Do you feel you get additional skills towards employability through value added courses/programs	3.79
7.	Did you feel the ambiance of the classrooms & labs is good?	3.64
8.	Whether the library facilities are suit for the self-learning for the students?	3.79
9.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?	3.83
10.	Overall quality of the college is good?	3.86



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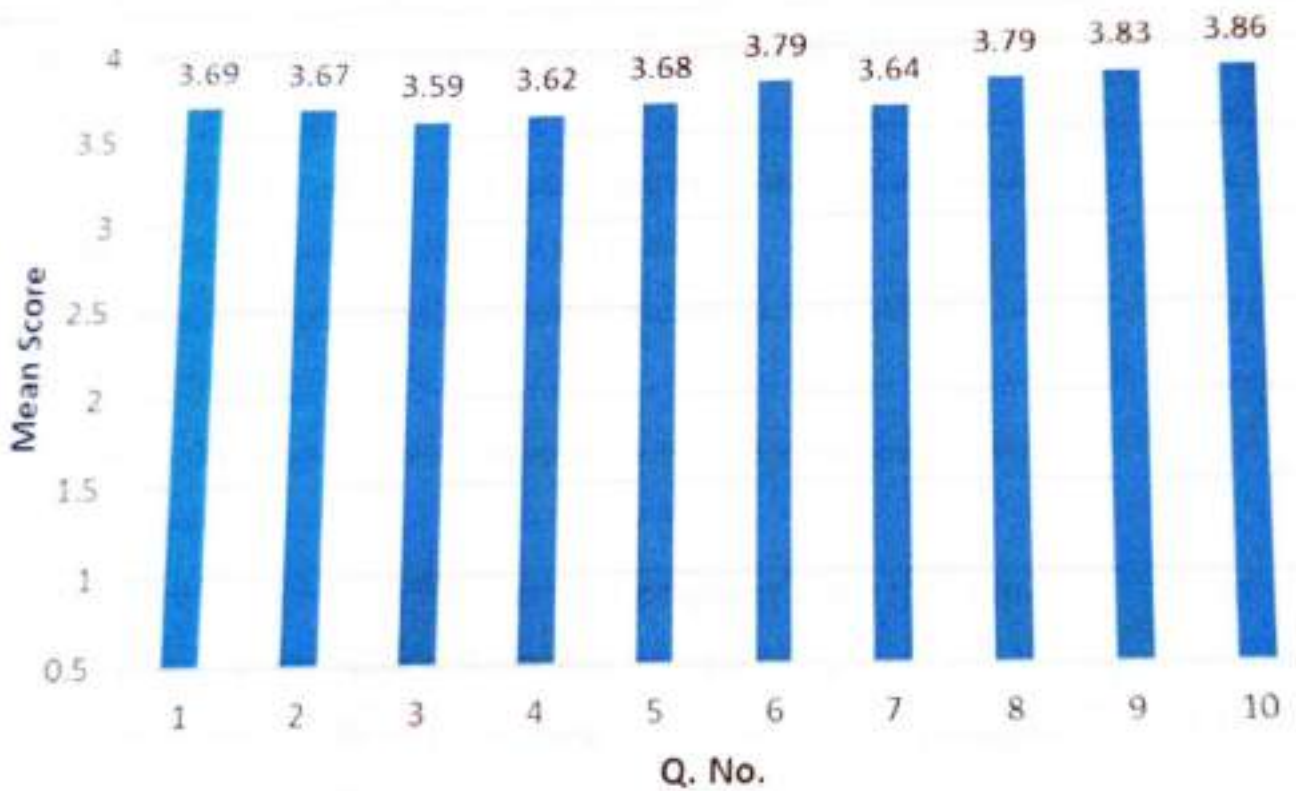
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FEEDBACK ANALYSIS

Feedback from the Students

Academic Year: 2019-2020

GRAPHICAL REPRESENTATION



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FEEDBACK ANALYSIS

Feedback from the Teachers

Academic Year: 2019-2020

Number of Responses: 14

Q. NO.	PARTICULAR	MEAN SCORE (4)
1.	The current content of syllabus is fulfilling the need of industry, sufficient to bridge the gap between industry and academics.	3.53
2.	The course/ syllabus has good balance between theoretical concepts of syllabus and Practical/Experiments.	3.49
3.	Current syllabus tries to build the opportunities in terms of employability and entrepreneurial attitude amongst the students.	3.54
4.	Evaluation schemes designed for each of the course are sufficient for providing proper assessment.	3.75
5.	The course/syllabus has enabled to update knowledge and perspective in the subject area.	3.62
6.	Did the institution provide FDPs and other programs at the right time to strengthen the teachers skills and Knowledge level?	3.74
7.	Do you feel the institution helps the students to identify their strengths and encourage them by providing the right level of challenges to overcome their weakness?	3.71
8.	Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?	3.78
9.	Do you feel the Library and other facilities are suitable for self-learning for the students?	3.84
10.	Do you feel the quality of the institution is good?	3.89




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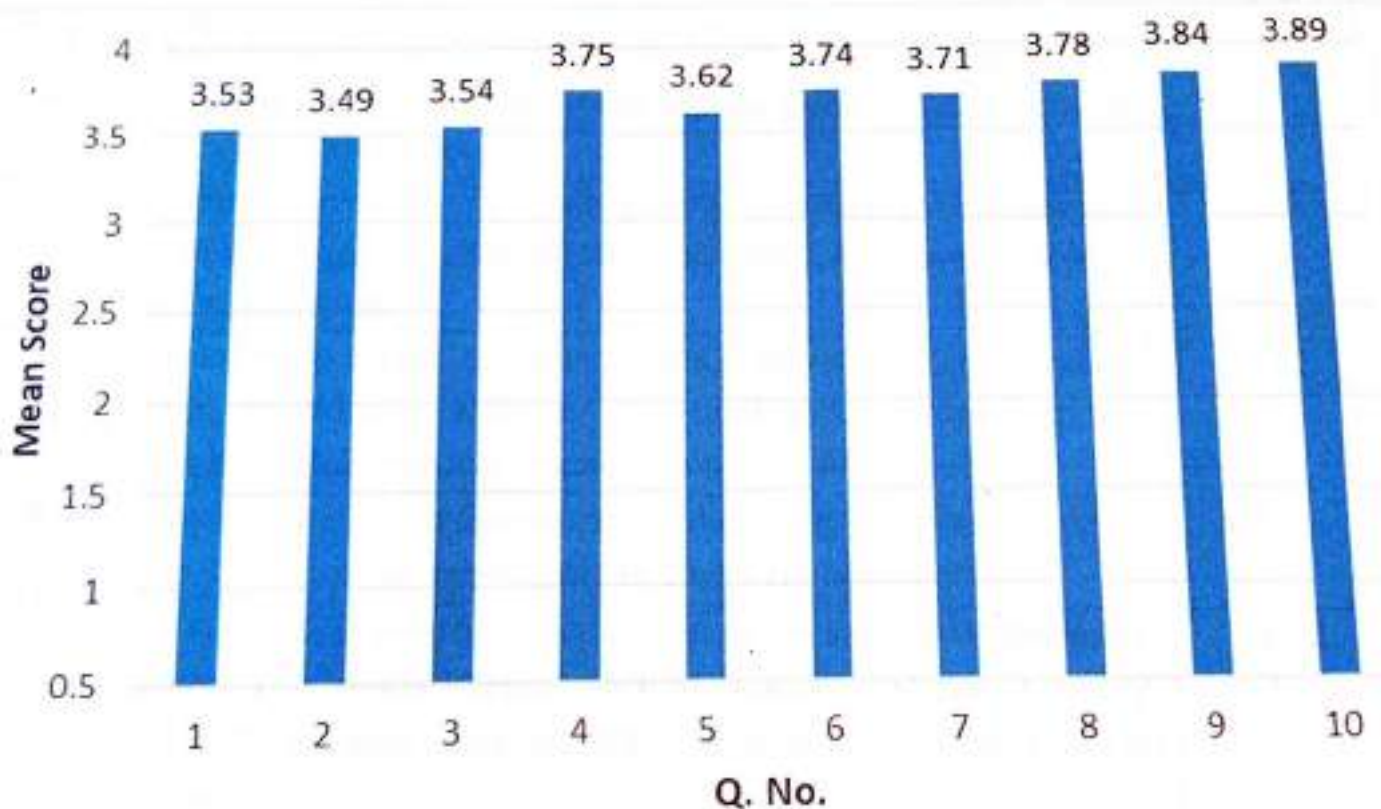
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FEEDBACK ANALYSIS

Feedback from the Teachers

Academic Year: 2019-2020

GRAPHICAL REPRESENTATION



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**FEEDBACK ANALYSIS****Feedback from the Alumni
Academic Year: 2019-2020****Number of Responses: 14**

Q. NO.	PARTICULAR	MEAN SCORE (4)
1.	The syllabus was need based; Emphasis on fundamentals, coverage of modern/ advanced topics, good balance between theory and application.	3.73
2.	Current syllabus is adequately covers contemporary issues/emerging global and national trends in computer science and application.	3.65
3.	The syllabus meets the expectations in terms of learning values, skills, knowledge, attitude, analytical abilities, applicability, relevance and practical orientation to real life situations.	3.62
4.	Expectations about the course (Enhance by skill/knowledge base, better career opportunities etc) were achievable.	3.56
5.	The syllabus is covering inculcation of the aspects of life skills, transferable skills, cross cutting issues, gender equality, environment and sustainability, human rights and social security	3.72
6.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?	3.63
7.	Do you feel overall quality of teaching and learning process in the institution was good?	3.74
8.	Does the institution helps you to identify your strength and encourage you by provided right level of challenges to overcome your weakness?	3.42
9.	Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?	3.78
10.	Do you feel the quality of the institution is good?	3.82




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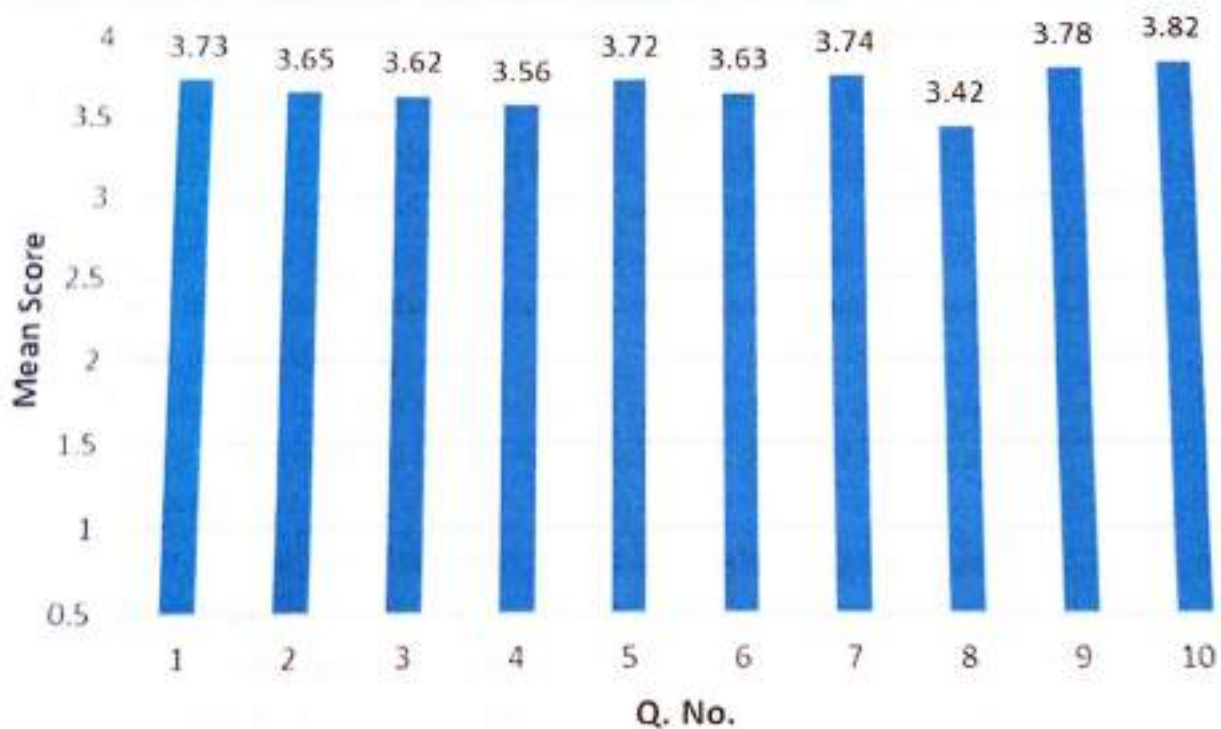
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FEEDBACK ANALYSIS

Feedback from the Alumni

Academic Year: 2019-2020

GRAPHICAL REPRESENTATION



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FEEDBACK ANALYSIS

Feedback from the Employers Academic Year: 2019-2020

Number of Responses: 04

Q. NO.	PARTICULAR	MEAN SCORE (4)
1.	Current curriculum of all programmes is relevant for employability.	3.42
2.	Curriculum bridges the gap between Industry and Academic.	3.64
3.	Curriculum caters the need of industry and helps in building efficiency and effectiveness of organization.	3.67
4.	Curriculum exhibits to the students in communication skills and ability to function effectively as an individual as well as part of a team.	3.73
5.	Curriculum has application based courses which caters the needs of industry in terms of knowledge, skills, attitude and innovation.	3.56
6.	What is your opinion about students' academic performance in the institute?	3.65
7.	What is your opinion regarding the implementation of co-curricular and extra-curricular activities in the institution?	3.49
8.	What is your opinion about career and placement cell of the institution?	3.35
9.	What do you think about the progress of the institution in view of mission and goal of organization?	3.48
10.	Give your overall impression about progress of the institute.	3.64



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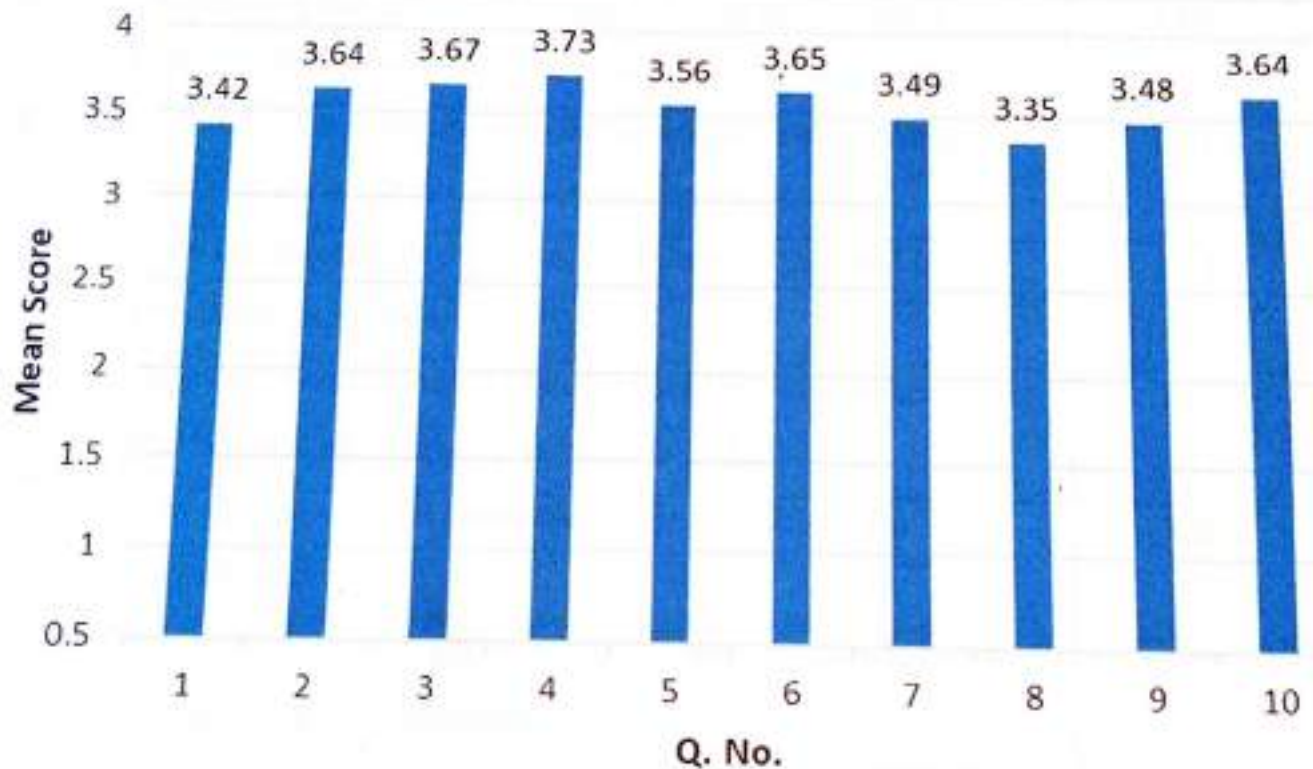
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FEEDBACK ANALYSIS

Feedback from the Employers

Academic Year: 2019-2020

GRAPHICAL REPRESENTATION



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**FEEDBACK ANALYSIS****Feedback from the Students****Academic Year: 2020-2021****Number of Responses: 70**

Q. NO.	PARTICULAR	MEAN SCORE (4)
1.	Rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course?	3.66
2.	What do you think about syllabus taught in the institute in terms of career in the job, services and business?	3.71
3.	Rate the theoretical concepts of syllabus supported by Practical/Experiments?	3.58
4.	Rate the contents included in the syllabus with reference to professional and higher level learning skills?	3.62
5.	How do you rate the sequence of the courses in the curriculum?	3.70
6.	Do you feel you get additional skills towards employability through value added courses/programs	3.78
7.	Did you feel the ambiance of the classrooms & labs is good?	3.63
8.	Whether the library facilities are suit for the self-learning for the students?	3.82
9.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?	3.85
10.	Overall quality of the college is good?	3.89



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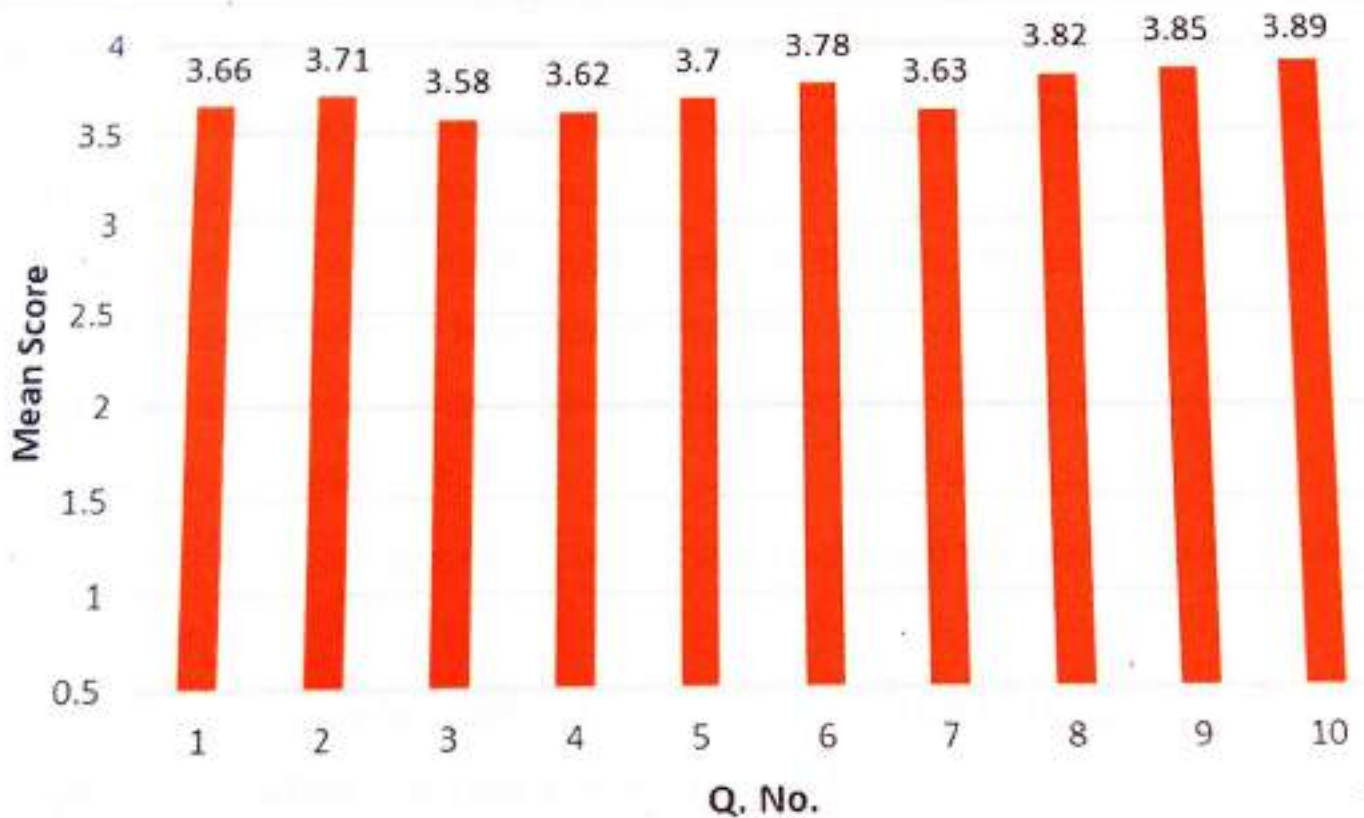
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FEEDBACK ANALYSIS

Feedback from the Students

Academic Year: 2020-2021

GRAPHICAL REPRESENTATION



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**FEEDBACK ANALYSIS****Feedback from the Teachers****Academic Year: 2020-2021****Number of Responses: 13**

Q. NO.	PARTICULAR	MEAN SCORE (4)
1.	The current content of syllabus is fulfilling the need of industry, sufficient to bridge the gap between industry and academics.	3.56
2.	The course/ syllabus has good balance between theoretical concepts of syllabus and Practical/Experiments.	3.47
3.	Current syllabus tries to build the opportunities in terms of employability and entrepreneurial attitude amongst the students.	3.58
4.	Evaluation schemes designed for each of the course are sufficient for providing proper assessment.	3.77
5.	The course/syllabus has enabled to update knowledge and perspective in the subject area.	3.64
6.	Did the institution provide FDPs and other programs at the right time to strengthen the teachers skills and Knowledge level?	3.76
7.	Do you feel the institution helps the students to identify their strengths and encourage them by providing the right level of challenges to overcome their weakness?	3.72
8.	Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?	3.78
9.	Do you feel the Library and other facilities are suitable for self-learning for the students?	3.85
10.	Do you feel the quality of the institution is good?	3.88



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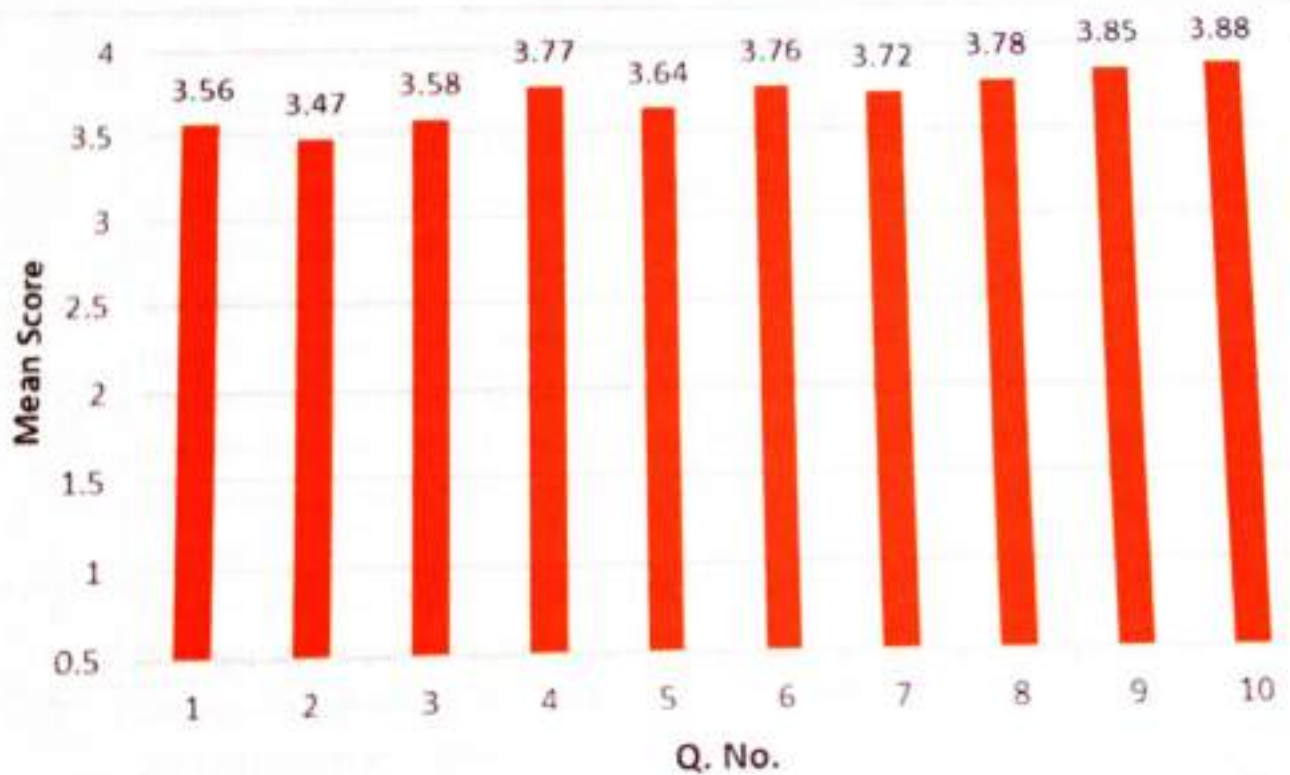
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FEEDBACK ANALYSIS

Feedback from the Teachers

Academic Year: 2020-2021

GRAPHICAL REPRESENTATION




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**FEEDBACK ANALYSIS****Feedback from the Alumni****Academic Year: 2020-2021****Number of Responses: 19**

Q. NO.	PARTICULAR	MEAN SCORE (4)
1.	The syllabus was need based; Emphasis on fundamentals, coverage of modern/ advanced topics, good balance between theory and application.	3.72
2.	Current syllabus is adequately covers contemporary issues/emerging global and national trends in computer science and application.	3.63
3.	The syllabus meets the expectations in terms of learning values, skills, knowledge, attitude, analytical abilities, applicability, relevance and practical orientation to real life situations.	3.65
4.	Expectations about the course (Enhance by skill/knowledge base, better career opportunities etc) were achievable.	3.59
5.	The syllabus is covering inculcation of the aspects of life skills, transferable skills, cross cutting issues, gender equality, environment and sustainability, human rights and social security	3.72
6.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?	3.65
7.	Do you feel overall quality of teaching and learning process in the institution was good?	3.73
8.	Does the institution helps you to identify your strength and encourage you by provided right level of challenges to overcome your weakness?	3.48
9.	Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?	3.77
10.	Do you feel the quality of the institution is good?	3.83




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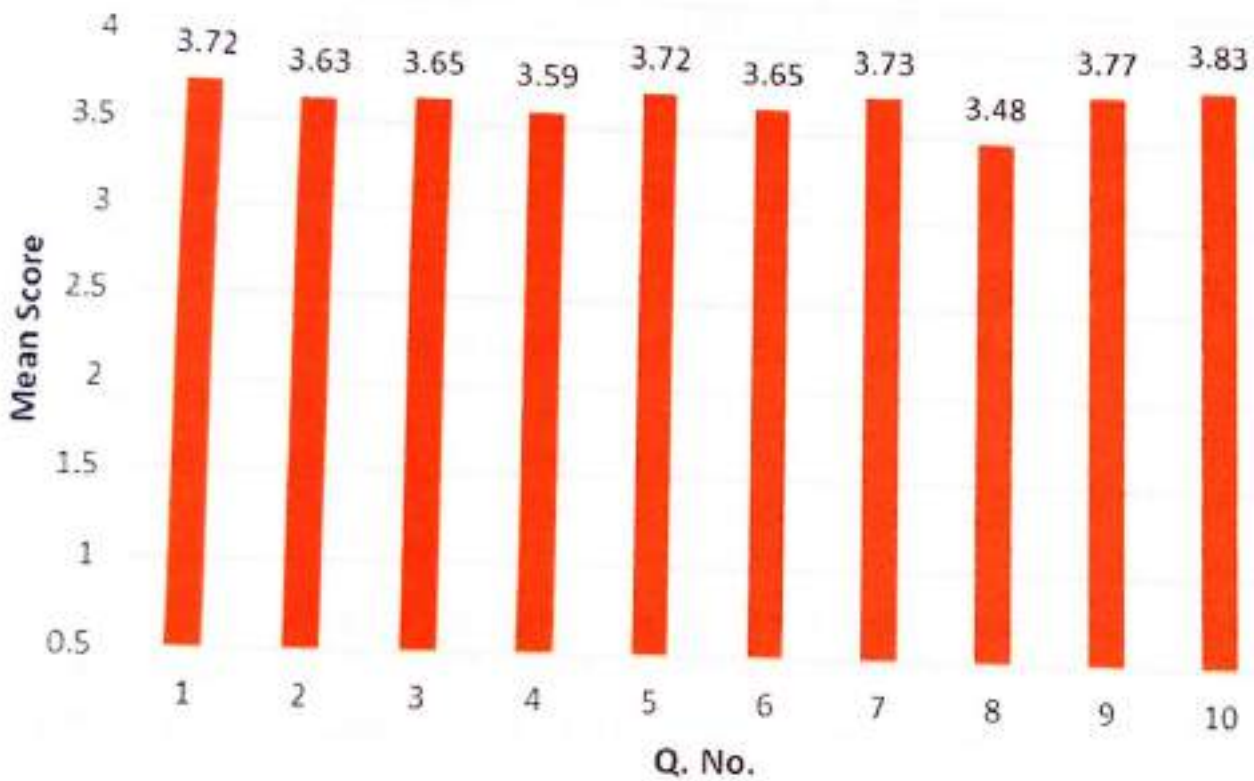
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FEEDBACK ANALYSIS

Feedback from the Alumni

Academic Year: 2020-2021

GRAPHICAL REPRESENTATION



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FEEDBACK ANALYSIS

Feedback from the Employers

Academic Year: 2020-2021

Number of Responses: 05

Q. NO.	PARTICULAR	MEAN SCORE (4)
1.	Current curriculum of all programmes is relevant for employability.	3.44
2.	Curriculum bridges the gap between Industry and Academic.	3.65
3.	Curriculum caters the need of industry and helps in building efficiency and effectiveness of organization.	3.68
4.	Curriculum exhibits to the students in communication skills and ability to function effectively as an individual as well as part of a team.	3.76
5.	Curriculum has application based courses which caters the needs of industry in terms of knowledge, skills, attitude and innovation.	3.59
6.	What is your opinion about students' academic performance in the institute?	3.64
7.	What is your opinion regarding the implementation of co-curricular and extra-curricular activities in the institution?	3.52
8.	What is your opinion about career and placement cell of the institution?	3.35
9.	What do you think about the progress of the institution in view of mission and goal of organization?	3.47
10.	Give your overall impression about progress of the institute.	3.66



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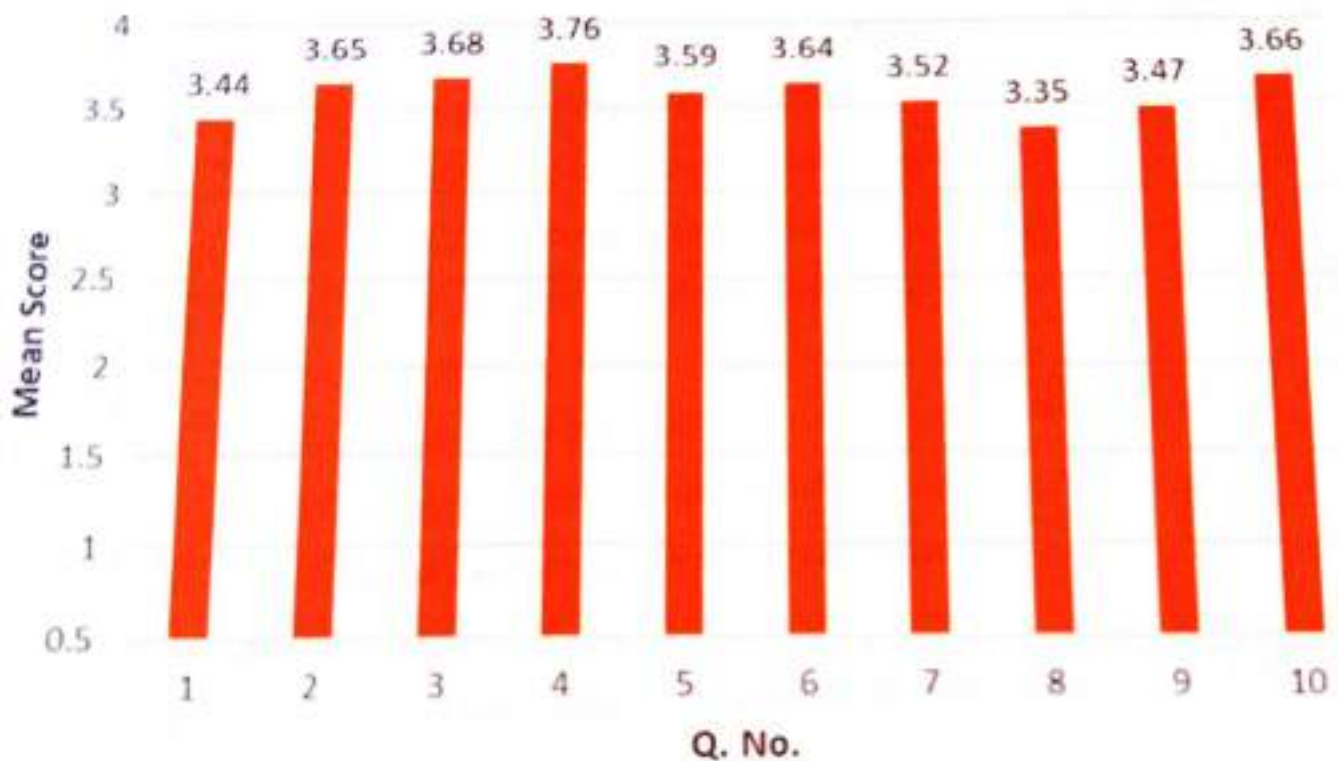
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FEEDBACK ANALYSIS

Feedback from the Employers

Academic Year: 2020-2021

GRAPHICAL REPRESENTATION



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FEEDBACK ANALYSIS

Feedback from the Students

Academic Year: 2021-2022

Number of Responses: 74

Q. NO.	PARTICULAR	MEAN SCORE (4)
1.	Rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course?	3.64
2.	What do you think about syllabus taught in the institute in terms of career in the job, services and business?	3.73
3.	Rate the theoretical concepts of syllabus supported by Practical/Experiments?	3.54
4.	Rate the contents included in the syllabus with reference to professional and higher level learning skills?	3.66
5.	How do you rate the sequence of the courses in the curriculum?	3.74
6.	Do you feel you get additional skills towards employability through value added courses/programs	3.76
7.	Did you feel the ambiance of the classrooms & labs is good?	3.64
8.	Whether the library facilities are suit for the self-learning for the students?	3.83
9.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?	3.87
10.	Overall quality of the college is good?	3.86



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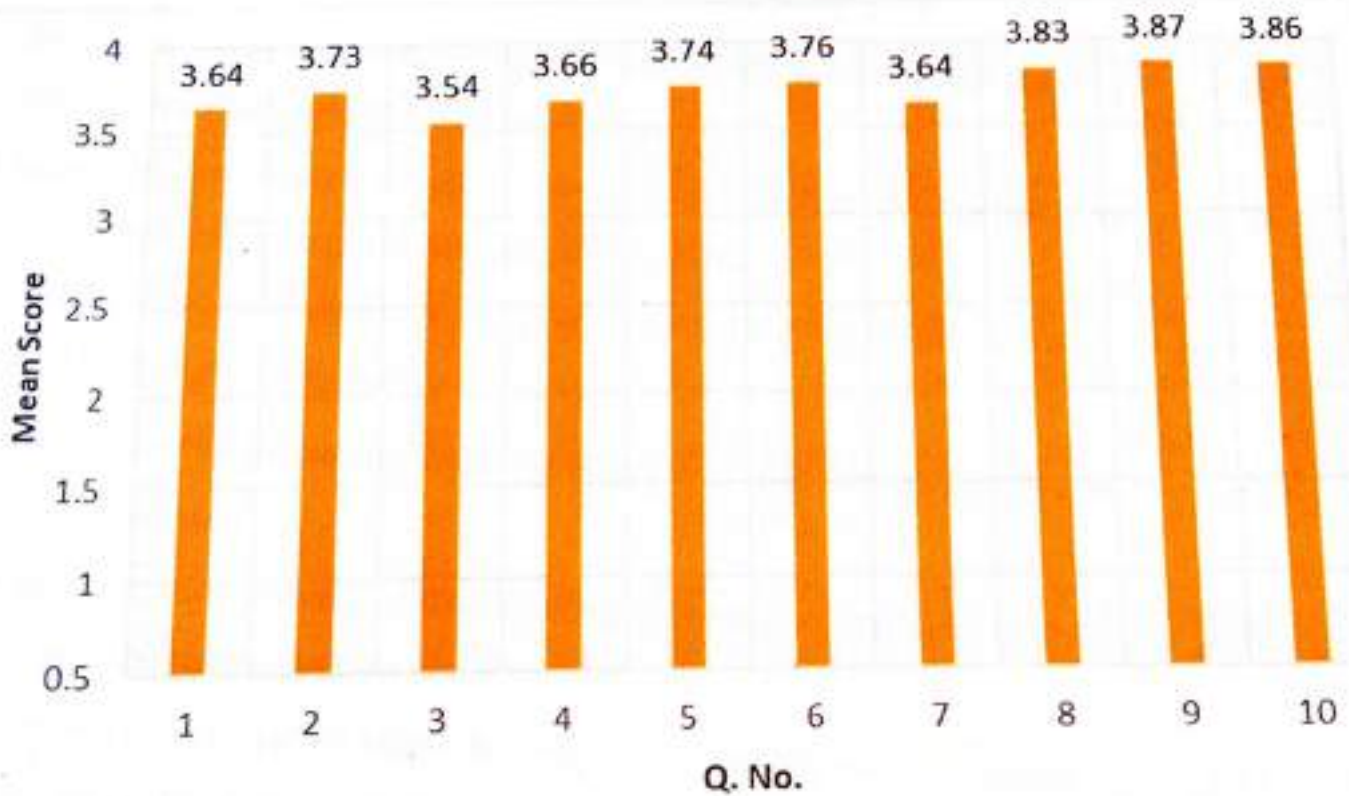
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FEEDBACK ANALYSIS

Feedback from the Students

Academic Year: 2021-2022

GRAPHICAL REPRESENTATION



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FEEDBACK ANALYSIS

Feedback from the Teachers

Academic Year: 2021-2022

Number of Responses: 14

Q. NO.	PARTICULAR	MEAN SCORE (4)
1.	The current content of syllabus is fulfilling the need of industry, sufficient to bridge the gap between industry and academics.	3.54
2.	The course/ syllabus has good balance between theoretical concepts of syllabus and Practical/Experiments.	3.48
3.	Current syllabus tries to build the opportunities in terms of employability and entrepreneurial attitude amongst the students.	3.58
4.	Evaluation schemes designed for each of the course are sufficient for providing proper assessment.	3.79
5.	The course/syllabus has enabled to update knowledge and perspective in the subject area.	3.62
6.	Did the institution provide FDPs and other programs at the right time to strengthen the teachers skills and Knowledge level?	3.77
7.	Do you feel the institution helps the students to identify their strengths and encourage them by providing the right level of challenges to overcome their weakness?	3.75
8.	Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?	3.79
9.	Do you feel the Library and other facilities are suitable for self-learning for the students?	3.83
10.	Do you feel the quality of the institution is good?	3.85



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Studies, Kasegaon, Tal. Pandharpur



Shri Vithal Institute of Progressive Education's

Institute of Computer & Management studies, Kasegaon

(Approved by Govt. of Maharashtra and Affiliated to Solapur University, Solapur)

B.C.A. & B.Sc. (Entire Computer Science)

Old - Kasegaon Road, Kasegaon, Tal. Pandharpur Dist. Solapur Pin. 413304, Ph.No. 02186-232233

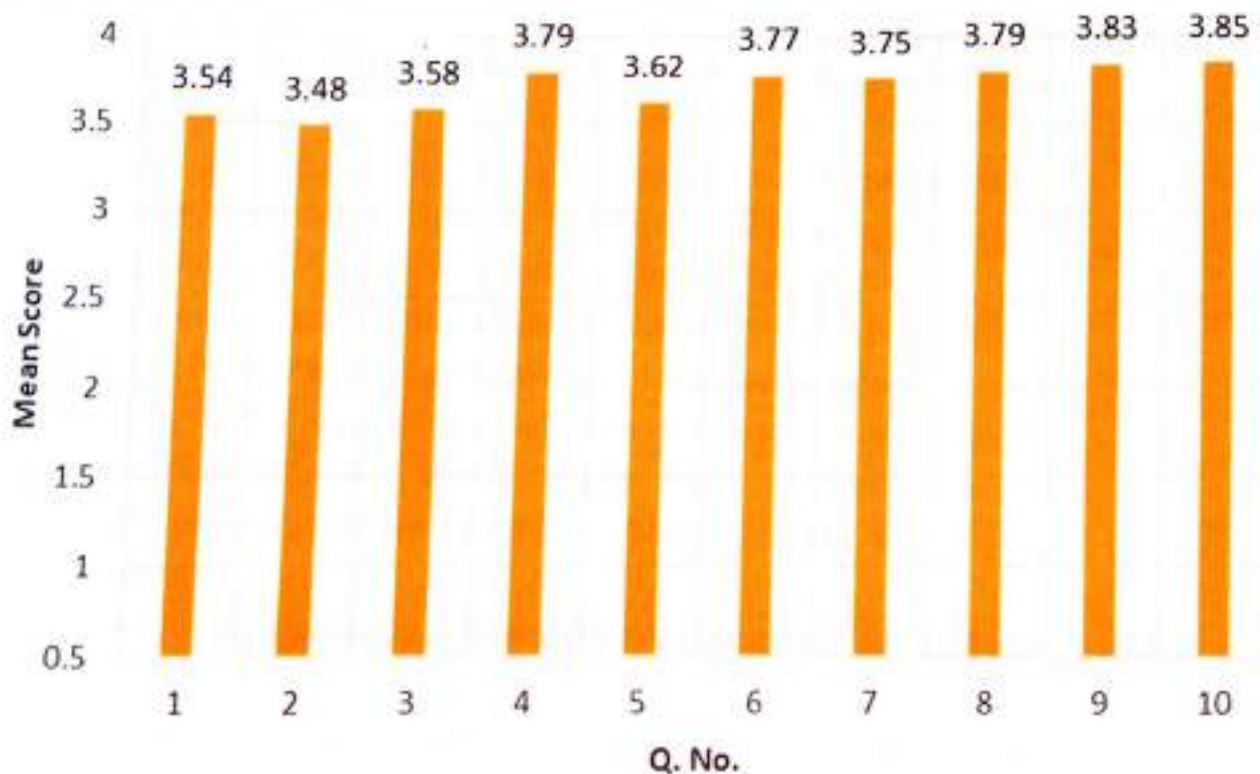
Email.: icmskasegaon@yahoo.com , Website.: <http://www.icms.svpe.edu.in>

FEEDBACK ANALYSIS

Feedback from the Teachers

Academic Year: 2021-2022

GRAPHICAL REPRESENTATION



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FEEDBACK ANALYSIS

Feedback from the Alumni

Academic Year: 2021-2022

Number of Responses: 24

Q. NO.	PARTICULAR	MEAN SCORE (4)
1.	The syllabus was need based; Emphasis on fundamentals, coverage of modern/ advanced topics, good balance between theory and application.	3.70
2.	Current syllabus is adequately covers contemporary issues/emerging global and national trends in computer science and application.	3.65
3.	The syllabus meets the expectations in terms of learning values, skills, knowledge, attitude, analytical abilities, applicability, relevance and practical orientation to real life situations.	3.67
4.	Expectations about the course (Enhance by skill/knowledge base, better career opportunities etc) were achievable.	3.56
5.	The syllabus is covering inculcation of the aspects of life skills, transferable skills, cross cutting issues, gender equality, environment and sustainability, human rights and social security	3.74
6.	Do you feel the teachers illustrated the concepts of the subjects through live examples and applications?	3.61
7.	Do you feel overall quality of teaching and learning process in the institution was good?	3.75
8.	Does the institution helps you to identify your strength and encourage you by provided right level of challenges to overcome your weakness?	3.52
9.	Do you feel SVIPE's ICMS is up to date to the current Industrial Needs?	3.78
10.	Do you feel the quality of the institution is good?	3.86



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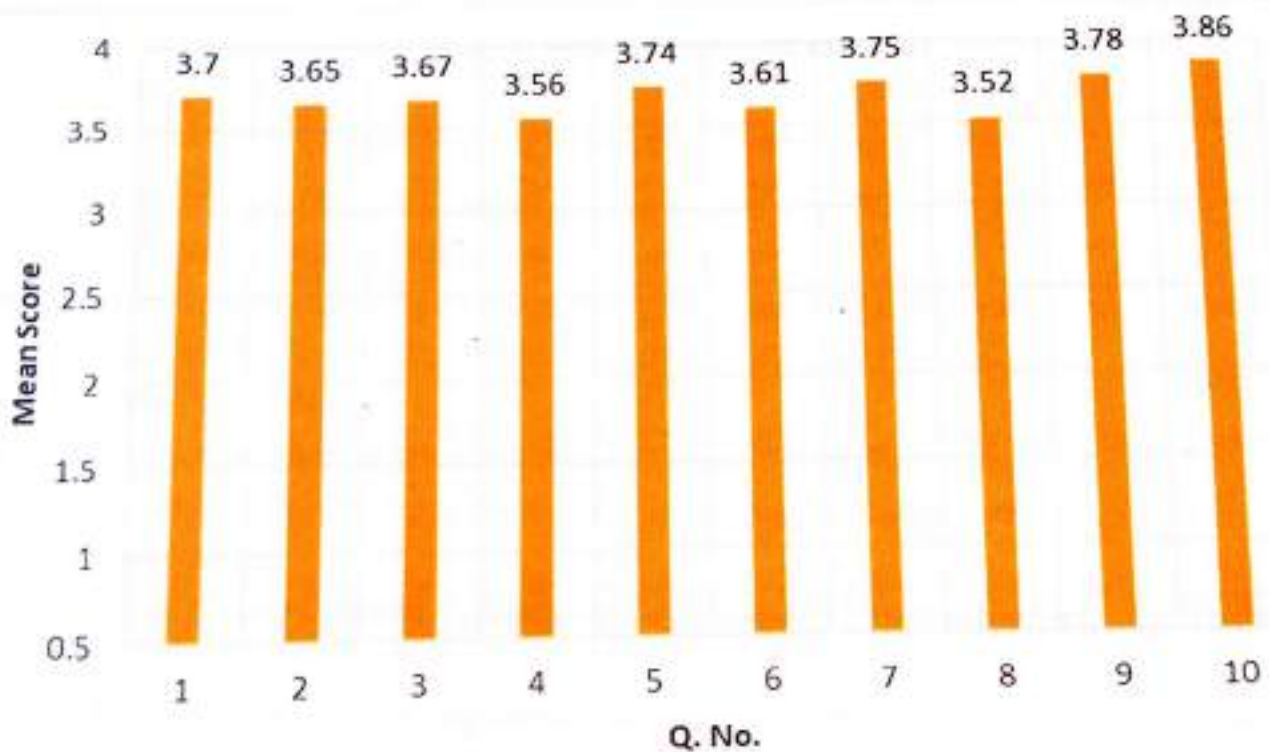
Email : icmskasegaon@yahoo.com , Website : <http://www.icms.svipe.edu.in>

FEEDBACK ANALYSIS

Feedback from the Alumni

Academic Year: 2021-2022

GRAPHICAL REPRESENTATION



PRINCIPAL,
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Studies, Kasegaon, Tal. Pandharpur



FEEDBACK ANALYSIS

Feedback from the Employers

Academic Year: 2021-2022

Number of Responses: 07

Q. NO.	PARTICULAR	MEAN SCORE (4)
1.	Current curriculum of all programmes is relevant for employability.	3.46
2.	Curriculum bridges the gap between Industry and Academic.	3.67
3.	Curriculum caters the need of industry and helps in building efficiency and effectiveness of organization.	3.67
4.	Curriculum exhibits to the students in communication skills and ability to function effectively as an individual as well as part of a team.	3.74
5.	Curriculum has application based courses which caters the needs of industry in terms of knowledge, skills, attitude and innovation.	3.57
6.	What is your opinion about students' academic performance in the institute?	3.62
7.	What is your opinion regarding the implementation of co-curricular and extra-curricular activities in the institution?	3.54
8.	What is your opinion about career and placement cell of the institution?	3.39
9.	What do you think about the progress of the institution in view of mission and goal of organization?	3.48
10.	Give your overall impression about progress of the institute.	3.69



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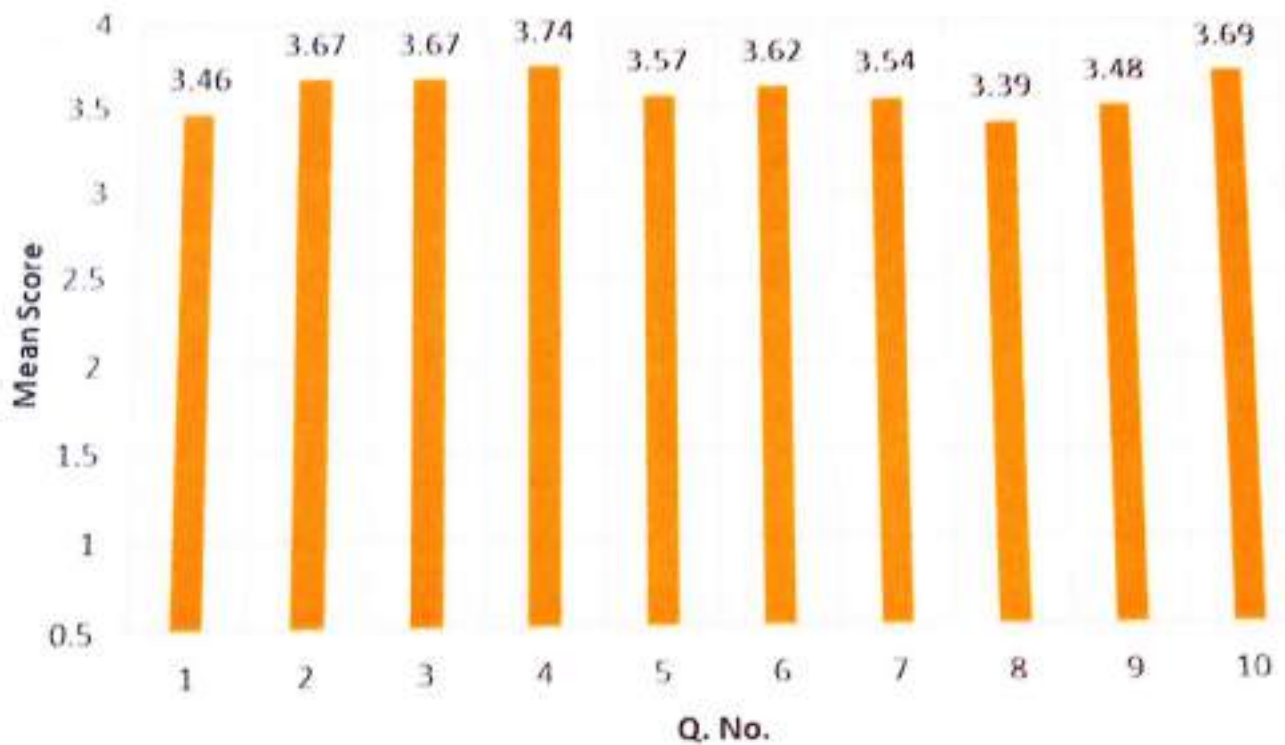
Email : icmkasegaon@yahoo.com , Website : <http://www.icms.svipe.edu.in>

FEEDBACK ANALYSIS

Feedback from the Employers

Academic Year: 2021-2022

GRAPHICAL REPRESENTATION



PRINCIPAL,
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Appendix-III

**Action taken Report on
feedback signed by the
competent authority**



Shri Vitthal Institute of Progressive Education's

Institute of Computer & Management studies, Kasegaon

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Email.: icmskasegaon@yahoo.com , Website.: <http://www.icms.svipe.edu.in>

Action Taken Report on Stakeholders Feedback

Academic Year: 2018-19

Sr. No.	Suggestions	Action Taken
1.	Subject or topics related to Web programming need to be included	Suggestions received from various stakeholders communicated to university
2.	Contents related to advanced programming C can be added	
3.	Office Automation related topic or subject need to be incorporated	
4.	Subject or topics related to basics of Microprocessor need to be included	
5.	RAD model topic can be added in the syllabus of Software Engineering	
6.	In the syllabus of Digital Electronics, content related to combination circuit can be included	
7.	Case study related to skills required in the IT Industries need to be added in the soft skills related subject	
8.	Macros and preprocessing related content can be included in the curriculum	
9.	More focus on Fundamental of Computer should be given.	
10.	Contents related to Computer System Architecture should be part of syllabus.	
11.	Operation Research subject can be eliminated from the curriculum	
12.	Emotional intelligence related guidance session required	Session on Emotional intelligence is conducted.
13.	Guidance session for Communication Skills Improvement need to arranged	Importance of communication skills in career is conducted.
14.	Guidance is required about how to handle stress	A One day workshop on stress management is organized



Aspale

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Email.: icmskasegaon@yahoo.com , Website.: <http://www.icms.svipec.edu.in>

ACTION TAKEN REPORT ON STAKEHOLDERS FEEDBACK

Academic Year: 2019-2020

Sr. No.	Suggestions	Action Taken
1.	Content of Database Management System should be made simple.	Suggestions received from various stakeholders communicated to university
2.	Contents related to Web Development using PHP need to be incorporated	
3.	In the syllabus, some topic or subject related to Financial Accounting can be added	
4.	Syllabus of Data Structure should be more expanded as per the current requirement.	
5.	Topic related to Probability Theory need to be included	
6.	Data Science with Statistics can be added in the second year level.	
7.	syllabus related to Optimization techniques need to add in the curriculum	
8.	More focus on Software Quality Assurance can be given in the curriculum	
9.	Students should be introduced to modern web development frameworks like React, Angular, and Vue.js.	
10.	The syllabus should include courses or modules like PHP that focus on entrepreneurship and business management	
11.	More sorting like Shell sort, Heap sort, etc. need to be added in the syllabus of Data structure	
12.	Need to arrange course for Advanced Python Standard Modules	certificate course on Advanced Python Standard Modules Conducted
13.	Workshop on web design can be arranged	Workshop on web design is arranged
14.	Guidance session related to research is need to be conducted	Online FDP on research paper writing is conducted




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Old - Kasegaon Road, Kasegaon, Tal. Pandharpur Dist. Solapur Pin. 413304, Ph.No. 02166-232233
Email.: icmskasegaon@yahoo.com , Website.: <http://www.icms.svipec.edu.in>

ACTION TAKEN REPORT ON STAKEHOLDERS FEEDBACK

Academic Year: 2020-2021

Sr. No.	Suggestions	Action Taken
1.	Soft skills including Business English should be included as they are essential for a successful career in the IT industry	Suggestions received from various stakeholders communicated to university
2.	Contents related to System Security should be included in the curriculum	
3.	Topic related Compiler Construction need to be added	
4.	More focus on Mobile Application Development can be given.	
5.	Content related to ADO.NET, Delegates can be included	
6.	Topic which covers Networking in Python should be part of syllabus.	
7.	To make students job-ready, courses that focus on industry-relevant skills can be included in the curriculum. These could include project management, communication skills, and teamwork, among others.	
8.	Courses on IoT can be included in the curriculum to provide students with the knowledge and skills to work with IT technology	
9.	Curriculum should be designed based on the requirements of the industry and the needs of the students.	
10.	The curriculum should include elective subjects that permit students to focus in a specific part of concern.	
11.	Guidance related to various online courses/platform should be provided	Guidance is provided accordingly related to online courses/platform for students
12.	Study material like notes, important questions, etc. should be made available to students	Made available in view of that.



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Email: icmskasegaon@yahoo.com . Website: http://www.icms.svipe.edu.in

ACTION TAKEN REPORT ON STAKEHOLDERS FEEDBACK

Academic Year: 2021-2022

Sr. No.	Suggestions	Action Taken
1.	The syllabus should include emerging technologies such as Artificial Intelligence, Machine Learning, Blockchain, Cloud Computing, etc. These technologies are in high demand in the industry and can help students to stay updated with the latest trends.	Suggestions received from various stakeholders communicated to university
2.	Soft skills such as communication, teamwork, leadership, and problem-solving related contents are essential for a successful career in the IT industry.	
3.	The syllabus should include elective courses that allow students to specialize in a particular area of interest.	
4.	The syllabus should include courses or modules that focus on entrepreneurship and business management. This can help students to develop an entrepreneurial mindset and start their own ventures.	
5.	The syllabus should include industry-relevant projects that can help students to gain practical experience and apply their theoretical knowledge to real-world problems.	
6.	Office Automation subject need be shifted at semester-I	
7.	Python Programming need to be introduced at first year level.	
8.	Democracy, Elections and Governance related module should be added	
9.	Content related to Advanced Electronics can be included.	
10.	Guidance related to Project Management is required	Session on Project Management is conducted
11.	Expert session cyber security can be arranged	Session cyber security is conducted
12.	Platform for online/offline internship for students need to made available	61 students have undergone through internship
13.	Course on API testing need to be conducted	Certificate course on API testing is conducted



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Appendix-IV

Document showing the communication with the affiliating University for the Feedback provided



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Email.: icmskasegaon@yahoo.com , Website.: http://www.icms.svipe.edu.in

Ref. No. ICMS/2018-19/127

Date: 10/01/2019

To,
The Deputy Registrar,
Solapur University,
Solapur.

Subject: Suggestions to be incorporated in the syllabus of Bachelor of Computer Application (BCA)-I and B.Sc (Bachelor of Entire Computer Science) (ECS)-I w.e.f. 2019-2020.

Respected sir,

Throughout the year, we collect suggestions from various stakeholders through feedback. Our Department of Bachelor of Computer Application (BCA) and B.Sc (Bachelor of Entire Computer Science) (ECS) have recommended the following suggestions for incorporation in Course Curriculum of Bachelor of Computer Application (BCA)-I and B.Sc (Bachelor of Entire Computer Science) (ECS)-I w.e.f. 2019-2020 to enrich students' learning experience and making them more employable.


Suggestions for the Modifications in the Curriculum:

- 1) Subject or topics related to Web programming need to be included
- 2) Contents related to advanced programming C can be added
- 3) Office Automation related topic or subject need to be incorporated
- 4) Subject or topics related to basics of Microprocessor need to be included
- 5) RAD model topic can be added in the syllabus of Software Engineering
- 6) In the syllabus of Digital Electronics, content related to combination circuit can be included
- 7) Case study related to skills required in the IT Industries need to be added
- 8) Macros and preprocessing related content can be included in the curriculum
- 9) More focus on Fundamental of Computer should be given.
- 10) Contents related to Computer System Architecture should be part of syllabus.
- 11) Operation Research subject can be eliminated from the curriculum


You are requested to kindly put suggestions to the notice of Board of Studies of respective program.

We will be happy to interact for clarification, if any.

Thanking you.
Regards,


10/01/2019
लिपीक
आयक विभाग
सोलापूर विद्यापीठ सोलापूर




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Old - Kasegaon Road, Kasegaon, Tal. Pandharpur Dist. Solapur Pin. 413304, Ph.No. 02186-232233

Email : icmskasegaon@yahoo.com , Website : http://www.icms.svipe.edu.in

Ref No:- IUMS/2019-20/241

Date:- 24-1-2020

To,
The Deputy Registrar,
Punyashlok Ahilyadevi Holkar Solapur University,
Solapur.

Subject: Suggestions to be incorporated in the syllabus of Bachelor of Computer Application (BCA)-II and B.Sc (Bachelor of Entire Computer Science) (ECS)-II w.e.f. 2020-2021.

Respected sir,

Throughout the year, we collect suggestions from various stakeholders through feedback. Our Department of Bachelor of Computer Application (BCA) and B.Sc (Bachelor of Entire Computer Science) (ECS) have recommended the following suggestions for incorporation in Course Curriculum of Bachelor of Computer Application (BCA)-II and B.Sc (Bachelor of Entire Computer Science) (ECS)-II w.e.f. 2020-2021 to enrich students' learning experience and making them more employable.

Following are some suggestions that can be integrated into the curriculum of BCA and B.Sc. (ECS) to extend the course content:

1. Content of Database Management System should be made simple.
2. Topics related to Web Development using PHP need to be incorporated
3. In the syllabus, some topic or subject related to Financial Accounting can be added
4. Syllabus of Data Structure should be more expanded as per the current requirement.
5. Topic related to Probability Theory need to be included
6. Data Science with Statistics can be added in the second year level.
7. syllabus related to Optimization techniques need to add in the curriculum
8. More focus on Software Quality Assurance can be given in the curriculum
9. Students should be introduced to modern web development frameworks like React, Angular, and Vue.js.
10. The syllabus should include courses or modules like PHP that focus on entrepreneurship and business management
11. More sorting like Shell sort, Heap sort, etc. need to be added in the syllabus of Data structure

You are requested to kindly put suggestions to the notice of Board of Studies of respective program.

We will be happy to interact for clarification, if any.

Thanking you.
Regards,



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Email.: icmskasegaon@yahoo.com , Website.: http://www.icms.avipe.edu.in

Ref.No: ICMS/2020-21/68

Date:- 01/02/2021

To,
The Deputy Registrar,
Punyashlok Ahilyadevi Holkar Solapur University,
Solapur.

Subject: Suggestions to be incorporated in the syllabus of Bachelor of Computer Application (BCA)-III and B.Sc (Bachelor of Entire Computer Science) (ECS)-III w.e.f. 2021-2022.

Respected sir,

Throughout the year, we collect suggestions from various stakeholders through feedback. Our Department of Bachelor of Computer Application (BCA) and B.Sc (Bachelor of Entire Computer Science) (ECS) have recommended the following suggestions for incorporation in Course Curriculum of Bachelor of Computer Application (BCA)-III and B.Sc (Bachelor of Entire Computer Science) (ECS)-III w.e.f. 2021-2022 to enrich students' learning experience and making them more employable.

A few suggestions that can be incorporated into the syllabus of BCA and B.Sc. (ECS) to enhance the course content. Here are some suggestions:

- Soft skills including Business English should be included as they are essential for a successful career in the IT industry
- Contents related to System Security should be included in the curriculum
- Topic related Compiler Construction need to be added
- More focus on Mobile Application Development can be given.
- Content related to ADO.NET, Delegates can be included
- Topic which covers Networking in Python should be part of syllabus.
- To make students job-ready, courses that focus on industry-relevant skills can be included in the curriculum. These could include project management, communication skills, and teamwork, among others.
- Courses on IoT can be included in the curriculum to provide students with the knowledge and skills to work with IT technology
- Curriculum should be designed based on the requirements of the industry and the needs of the students.
- The curriculum should include elective subjects that permit students to focus in a specific part of concern.

You are requested to kindly put suggestions to the notice of Board of Studies of respective program.

We will be happy to interact for clarification, if any.

Rec
Pamitani
1.2.2021
लिपिक
आयक विभाग
पुन्यश्लोक अहिल्यादेवी होळकर
सोलापूर विद्यापीठ, सोलापूर.




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Email.: icmskasegaon@yahoo.com , Website.: http://www.icms.svipec.edu.in

Ref No: ICMS/2022-2023/154

Date: 04/02/2022

To,
The Deputy Registrar,
Punyashlok Ahilyadevi Holkar Solapur University,
Solapur.

Subject: Suggestions to be incorporated in the syllabus of Bachelor of Computer Application (BCA)-I and B.Sc (Bachelor of Entire Computer Science) (ECS)-I w.e.f. 2022-2023.

Respected sir,

Throughout the year, we collect suggestions from various stakeholders through feedback. Our Department of Bachelor of Computer Application (BCA) and B.Sc (Bachelor of Entire Computer Science) (ECS) have recommended the following suggestions for incorporation in Course Curriculum of Bachelor of Computer Application (BCA)-I and B.Sc (Bachelor of Entire Computer Science) (ECS)-I w.e.f. 2022-2023 to enrich students' learning experience and making them more employable.

Some suggestions that can be incorporated into the syllabus of B.C.A. and B.Sc. (ECS) program:

- i. The syllabus should include emerging technologies such as Artificial Intelligence, Machine Learning, Blockchain, Cloud Computing, etc. These technologies are in high demand in the industry and can help students to stay updated with the latest trends.
- ii. Soft skills such as communication, teamwork, leadership, and problem-solving related contents are essential for a successful career in the IT industry.
- iii. The syllabus should include elective courses that allow students to specialize in a particular area of interest.
- iv. The syllabus should include courses or modules that focus on entrepreneurship and business management. This can help students to develop an entrepreneurial mindset and start their own ventures.
- v. The syllabus should include industry-relevant projects that can help students to gain practical experience and apply their theoretical knowledge to real-world problems.
- vi. Office Automation subject need be shifted at semester-I.
- vii. Python Programming need to be introduced at first year level.
- viii. Democracy, Elections and Governance related module should be added.
- ix. Content related to Advanced Electronics can be included.

You are requested to kindly put suggestions to the notice of Board of Studies of respective program.

We will be happy to interact for clarification, if any.

Thanking you.

Regards,


लिपिक
04/02/2022
आवक विभाग
पुण्यश्लोक अहिल्यादेवी होळकर
सोलापूर विद्यापीठ, सोलापूर.




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Appendix-V

**Action taken by the
affiliating university on
the feedback**

Punyashlok Ahilyadevi Holkar Solapur University

Choice Based Credit System (CBCS), (w.e.f.2019)

Structure for B. C. A. (Science) – Part I

Subject/ Core Course	Name and Type of the Paper		No. of papers/ Practical	Hrs/week			Total Marks Per Paper	UA	CA	Credits
	Type	Name		L	T	P				
Class :	B. C. A. - I Semester – I									
Ability Enhancement Course(AECC)	English(communication skill)		Paper- I	4.0			100	80	20	4.0
Core	DSC1A	Fundamentals of Computer	Paper-I	2.5	--	--	50	40	10	4.0
		Logic Development With 'C' Programming	Paper-II	2.5	--	--	50	40	10	
	DSC2A	Basics of Web Programming – I	Paper-I	2.5	--	--	50	40	10	4.0
		Software Engineering- I	Paper-II	2.5	--	--	50	40	10	
	DSC3A	Basics of Mathematics – I	Paper-I	2.5	--	--	50	40	10	4.0
		Statistical Methods-I	Paper-II	2.5	--	--	50	40	10	
	DSC4A	DigitalElectronics	Paper-I	2.5	--	--	50	40	10	4.0
		Development of Human Skills	Paper-II	2.5	--	--	50	40	10	
Total				24	--	--	500	400	100	20
Class :	B. C. A. - I Semester - II									
Ability Enhancement Course(AECC)	English (communication skill)		Paper- II	4.0			100	80	20	4.0
Core	DSC1B	Advanced Programming in C	Paper-III	2.5	--	--	50	40	10	4.0
		Introduction to Operating System	Paper-IV	2.5	--	--	50	40	10	
	DSC2B	Basics of Web Programming – II	Paper-III	2.5	--	--	50	40	10	4.0
		OfficeAutomation	Paper-IV	2.5	--	--	50	40	10	
	DSC3B	Basics of Mathematics – II	Paper-III	2.5	--	--	50	40	10	4.0
		StatisticalMethods-II	Paper-IV	2.5	--	--	50	40	10	
	DSC4B	Introduction to Microprocessor	Paper-III	2.5	--	--	50	40	10	4.0
		Software Engineering- II	Paper-IV	2.5	--	--	50	40	10	
Democracy, Elections and Good Governance				3.0			50	40	10	NC
Total (Theory)				27	--	--	550	440	110	20
Core	DSC 1 A & 1B		Practical I & II	--	--	4	100	80	20	4.0
	DSC 2 A & 2B		Practical I & II	--	--	4	100	80	20	4.0
	DSC 3 A & 3B		Practical I & II	--	--	4	100	80	20	4.0
	DSC 4 A & 4B		Practical I & II	--	--	4	100	80	20	4.0
Total (Practical)						16	400	320	80	16
Grand Total				51		16	1450	1160	290	56

Abbreviations:

L: Lectures T: Tutorials P: Practical's
DSE : Discipline Specific Elective Paper

UA : University Assessment
SEC : Skill Enhancement Course

CA : College Assessment
GE : Generic Elective

DSC / CC: Core Course
CA: Continuous Assessment

AEC : Ability Enhancement Course
ESE: End Semester Examination

First Year BCA (Under Science) Semester- I

Course Code: DSC2A

Course Title: Software Engineering- I

Total Contact Hours: 30 Hrs.

Total Marks: 50 (30 Lectures)

Teaching Scheme: Theory 2.5 Lect. /Week

Total Credits: 02

Unit No.	Description	Number of Lectures
Unit-I	System concepts <ul style="list-style-type: none">• Definition of system• Elements of system• System concepts• Types of system• System Analysis and Role of System Analyst	6
Unit-II	Software Engineering <ul style="list-style-type: none">• Definition of software engineering• Characteristics of software• Qualities of software	6
Unit-III	System Development life cycle What is System Development life cycle? SDLC Models- <ul style="list-style-type: none">• Classical model• Spiral model• Waterfall model• Prototyping Model• RAD model	12
Unit-IV	Fact finding techniques <ul style="list-style-type: none">• Need of fact finding techniques Fact finding techniques- <ul style="list-style-type: none">• Interviews• Questionnaire• Record reviews• Observation	6

Books Recommended:

- 1) Analysis and Design of Information Systems by James Senn.
- 2) System analysis and design by Elias Awad
- 3) Software Engineering by Pressman
- 4) System Analysis and Design by Parthsarty / Khalkar
- 5) Practical guide to structure System Design by Miller/Page/jones.

Course Code: DSC4A

Course Title: Digital Electronics

Total Contact Hours: 30 Hrs.

Total Marks: 50 (30 Lectures)

Teaching Scheme: Theory 2.5 Lect. /Week

Total Credits: 02

Unit No.	Description	Number of Lectures
Unit-I	Number Systems and Arithmetic: <ul style="list-style-type: none">• Decimal Number System• Binary Number System• Octal number System• Hexadecimal number system.• Decimal to Binary conversion• Binary to Decimal conversion• Hexadecimal to binary conversion• Binary to Hexadecimal conversion• Hexadecimal to decimal conversion• Binary Arithmetic : Binary addition, subtraction, multiplication & division, Binary subtraction using 2's complement method	10
Unit-II	Digital circuit design: <ul style="list-style-type: none">• Introduction to digital circuit design• Circuit design using logic gates- (OR,AND,NOT,NOR,NAND,XOR,XNOR)• Converter Binary to gray converter, Gray to Binary converter Decimal to BCD encoder• Circuit design using state table/K-map-• Design of Half adder, Full adder• Design of full subtractor• Design of BCD to seven segment decoder• Concept of excitation table• Design of 3 bit synchronous up counter• 3 bit random sequence generato	10
Unit-III	Combinational Circuit: <ul style="list-style-type: none">• Multiplexer Different types• De-multiplexer Different typesEncoder, Decoder and segment decoder	10

Books Recommended:

- 1) Digital principle & applications- Malvino Leech
- 2) Fundamental of Digital electronics : R.P. Jain ,
- 3) Digital design : M. Morris Mano, Prentice-Hall of India
- 4) Digital Electronics- C.F. Strangio
- 5) Modern Digital electronics- R.P. Jain

Course Code: DSC4A

Course Title: **Development of Human Skills**

Total Contact Hours: 30 Hrs.

Total Marks: 50 (30 Lectures)

Teaching Scheme: Theory 2.5 Lect. /Week

Total Credits: 02

Unit No.	Description	Number of Lectures
Unit-I	Verbal Communication: Principles and Practice of Group Discussion Public Speaking (Addressing Small Groups and Making Presentation) Interview Preparation: Types of Interview, Preparing for the Interviews, Attending the Interview, Interview Process, Employers Expectations, General Etiquette, Dressing Sense, Postures & Gestures and some examples of interviews. Presentation Skills	8
Unit-II	Personality : Introduction, Definition, Theories on personality, The shaping of personality Assessment of Freud's stages Personality traits. Personality and Organizational Behavior: Attitudes, Formation of attitude, Types of attitudes, Attitude and OB, SWOT Analysis.	8
Unit-III	Writing Skills Principles of writing skills <ul style="list-style-type: none">• Writing emails : (Inquiry, Invitation, Thank you, Request for permission, Sponsorship, Job Acceptance and Job Refusal)• Letter writing: Types, parts, layout of letters, Writing job application letter and resume• Story Writing , Dialogue Writing and Blogging (Fashion, Travel, Culture and Personal blog)	8
Unit-IV	Study of IT Industry <ul style="list-style-type: none">• 10 most popular IT Industry : Basic and general information, demanded Skills, Work Culture etc• Case study regarding to collect the information of the industry about the selection process of the company.	6

Books Recommended:

1. Communication Skills, Oxford University Press, 2017, Meenakshi Raman, Sangeeta Sharma
2. Organizational Behavior, Himalayan Publication, Mumbai (1991), Aswalthapa, K.
3. Effective Communication, Beacon New Delhi (1996), Balan,K.R. and Rayudu C.S.
4. English for Communication published by Shivaji University, Kolhapur, 1996
5. English for Practical Purposes - Z.N. Patil , B.S.Valke, Ashok Thorat, Zeenath
6. Essentials of Business Communication – Rajendra Pal & L.S.
7. Group Discussion for admissions and Jobs: PustakMahal Delhi, AnandGanguly
8. GD and Interview – PriyankaPrakashan ,ChandreshAgarwal
9. Human Behaviour at work - Davis &Newstrom
10. Organizational Behaviour - Uma Sekaran

Punyashlok Ahilyadevi Holkar Solapur University, Solapur.

Faculty of Science Choice Based Credit System (CBCS),

Structure for **B. Sc. I (Entire Computer Science). (w. e. f. 2019-20)**

Subject/ Core Course	Name and Type of the Paper		No. of papers/ Practical	Hrs/week			Total Marks Per Paper	UA	CA	Credits
	Type	Name		L	T	P				
Class	B. Sc. - I Semester – I									
Ability Enhancement Course	English Paper I Part-A (communication skill)			4	0		50	40	10	2.0
Core Subjects	C1: Fundamentals of Programming using C and C++	Section I	2.5	--	--	50	40	10	4.0	
		Section II	2.5	--	--	50	40	10		
	C2: Computer System Architecture	Section I	2.5	--	--	50	40	10	4.0	
		Section II	2.5	--	--	50	40	10		
	C3: Fundamental of Computer system	Section I	2.5	--	--	50	40	10	4.0	
		Section II	2.5	--	--	50	40	10		
	GE-1: Numerical Methods	Section I	2.5	--	--	50	40	10	4.0	
		Section II	2.5	--	--	50	40	10		
Total				24	--	--	450	360	90	18
Class	B. Sc. - I Semester – II									
Ability Enhancement Course	English Paper I Part-B (communication skill)			4	0		50	40	10	2.0
Core Subjects	C4: Programming in JAVA	Section I	2.5	--	--	50	40	10	4.0	
		Section II	2.5	--	--	50	40	10		
	C5: Discrete Structures	Section I	2.5	--	--	50	40	10	4.0	
		Section II	2.5	--	--	50	40	10		
	C6: Introduction to Web Designing	Section I	2.5	--	--	50	40	10	4.0	
		Section II	2.5	--	--	50	40	10		
	GE-2: Digital Electronics	Section I	2.5	--	--	50	40	10	4.0	
		Section II	2.5	--	--	50	40	10		
Total (Theory)				24	--	--	450	360	90	18
Core Subjects	C1 & C3		Practical I	--	--	4	100	80	20	4.0
	C4		Practical II	--	--	4	100	80	20	4.0
	C6		Practical III	--	--	4	100	80	20	4.0
	C5 & GE1		Practical IV	--	--	4	100	80	20	4.0
	C2 & GE2		Practical V	--	--	4	100	80	20	4.0
Total (Practical)						20	500	400	100	20
Grand Total				48		20	1400	1120	280	56

CORE COURSES (Entire Computer Science)

English Paper I Part-A (communication skill)

Section -II

7. **Memory Allocation in C++** (3 Lectures)
Differentiating between static and dynamic memory allocation, use of malloc, calloc and free functions, use of new and delete operators, storage of variables in static and dynamic memory allocation.
8. **File I/O, Preprocessor Directives** (4 Lectures)
Opening and closing a file (use of fstream header file, ifstream, ofstream and fstream classes), Reading and writing Text Files, Using put(), get(), read() and write() functions, Random access in files, Understanding the Preprocessor Directives (#include, #define, #error, #if, #else, #elif, #endif, #ifdef, #ifndef and #undef), Macros.
9. **Using Classes in C++** (7 Lectures)
Principles of Object-Oriented Programming, Defining & Using Classes, Class Constructors, Constructor Overloading, Function overloading in classes, Class Variables & Functions, Objects as parameters, Specifying the Protected and Private Access, Copy Constructors, Overview of Template classes and their use.
10. **Overview of Function Overloading and Operator Overloading** (5 Lectures)
Need of Overloading functions and operators, Overloading functions by number and type of arguments, looking at an operator as a function call, Overloading Operators (including assignment operators, unary operators)
11. **Inheritance, Polymorphism and Exception Handling** (8 Lectures)
Introduction to Inheritance (Multi-Level Inheritance, Multiple Inheritance), Polymorphism (Virtual Functions, Pure Virtual Functions), Basics Exceptional Handling (using catch and throw, multiple catch statements), Catching all exceptions, Restricting exceptions, Rethrowing exceptions.

Reference Books:

1. Herbtz Schildt, C++: The Complete Reference, Fourth Edition, McGraw Hill. 2003
2. Bjarne Stroustrup, The C++ Programming Language, 4th Edition, Addison-Wesley, 2013.
3. Bjarne Stroustrup, Programming -- Principles and Practice using C++, 2nd Edition, Addison-Wesley 2014.
4. E Balaguruswamy, Object Oriented Programming with C++, Tata McGraw-Hill Education, 2008.
5. Paul Deitel, Harvey Deitel, C++ How to Program, 8th Edition, Prentice Hall, 2011.
6. John R. Hubbard, Programming with C++, Schaum's Series, 2nd Edition, 2000.
7. Andrew Koeni, Barbara, E. Moo, Accelerated C++, Published by Addison-Wesley, 2000.
8. Scott Meyers, Effective C++, 3rd Edition, Published by Addison-Wesley, 2005.
9. Harry, H. Chaudhary, Head First C++ Programming: The Definitive Beginner's Guide, First Create space Inc, O-D Publishing, LLC USA 2014.
10. Walter Savitch, Problem Solving with C++, Pearson Education, 2007.
11. Stanley B. Lippman, Josee Lajoie, Barbara E. Moo, C++ Primer, Published by Addison-Wesley, 5th Edition, 2012.

C-3: Fundamental of Computer system

Theory: 60 Lectures

Section-I

1. **Introduction to computer** (6 Lectures)
Definition of System and computer, characteristics, limitations, concepts of h/w and s/w, capabilities of computers, evaluation, generation, classification based on size and purpose.
2. **Introduction to Information Technology** (10 Lectures)
Information Technology: Definition, Introduction, Information Systems, Data and information; IT in Business, Industry, Home, Play, Education, Training, Science and Engineering.
3. **Computer languages** (14 Lectures)
Low level; Assembly level, High level; types of Languages: imperative, declarative, rule based, object oriented; tools in software development kit: translators (Compiler, interpreter, Assembler, Linker, Loader and debuggers), Editors, Header files, namespaces, packages, Libraries, Virtual Machines (CLR, JVM), IDE.

Section- II

4. **Structure of modern computer** (10 Lectures)
Block diagram, ALU, Memory Unit, Control Unit, Introduction to motherboard, SMPS, Expansion Slots, Serial and Parallel ports
5. **Input and Output Devices** (10 Lectures)
Input devices: - Character input device, Pointing input device, Audio input device, Video/Image input Device, sensors. Output devices: - Hard copy and soft copy output devices, types of printers and Monitors, Virtual and Augmented reality based input output devices.
6. **Concept of Memory** (10 Lectures)
Primary Memory (RAM and Various types of ROMS) and Secondary Storage devices, types of Memory based on materials: electronic, optical and magnetic; RAID and its levels.

Reference Books:

1. Computer Today --Basandra
2. Fundamental of computers --V. Raja Raman.
3. Computer Fundaments --P. K. Sinha.
4. IBM PC and clones by Govinda Rajulu

C4: Programming in JAVA

Theory: 60 Lectures

Section-I

1. **Introduction to Java** (12 Lectures)
Java Architecture and Features, Understanding the semantic and syntax differences between C++ and Java, Compiling and Executing a Java Program, Variables, Constants, Keywords Data Types, Operators (Arithmetic, Logical and Bitwise) and Expressions, Comments, Doing Basic Program Output, Decision Making Constructs (conditional statements and loops) and Nesting, Java Methods (Defining, Scope, Passing and Returning Arguments, Type Conversion and Type and Checking, Built-in Java Class Methods).
2. **Arrays, Strings and I/O** (10 Lectures)
Creating & Using Arrays (One Dimension and Multi-dimensional), Referencing Arrays Dynamically, Java Strings: The Java String class, Creating & Using String Objects, Manipulating Strings, String Immutability & Equality, Passing Strings To & From Methods, String Buffer Classes. Simple I/O using System. out and the Scanner class, Byte and Character streams, Reading/Writing from console and files.
3. **Object-Oriented Programming Overview** (8 Lectures)
Principles of Object-Oriented Programming, Defining & Using Classes, Controlling Access to Class Members, Class Constructors, Method Overloading, Class Variables & Methods, Objects as parameters, final classes, Object class, Garbage Collection.

Section-II

5. **Inheritance, Interfaces, Packages, Enumerations** (12 lectures)
Inheritance: (Single Level and Multilevel, Method Overriding, Dynamic Method Dispatch, Abstract Classes), Interfaces and Packages, extending interfaces and packages, Package and Class Visibility, Using Standard Java Packages (util, lang, io, net), Wrapper Classes, Autoboxing/Unboxing, Enumerations and Metadata.
6. **Exception Handling, Networking and Database Connectivity** (10 Lectures)
Exception types, uncaught exceptions, throw, built-in exceptions, creating your own exceptions; Multi-threading: The Thread class and Runnable interface, creating single and multiple threads, Thread prioritization, synchronization and communication, suspending/resuming threads. Using java. net package, Overview of TCP/IP and Datagram programming. Accessing and manipulating databases using JDBC.
7. **Applets and Event Handling** (8 Lectures)
Java Applets: Introduction to Applets, Writing Java Applets, Working with Graphics, Incorporating Images & Sounds. Event Handling Mechanisms, Listener Interfaces, Adapter and Inner Classes. The design and Implementation of GUIs using the AWT controls, Swing components of Java Foundation Classes such as Labels, buttons, textfields, layout managers, menus, events and listeners; Graphic objects for drawing figures such as lines, rectangles, ovals, using different fonts. Overview of servlets.

C-6: Introduction to Web Designing

Theory 60 Lectures

Section-I

1. **Web Design Principles** (5 Lectures)
Basic principles involved in developing a web site, Planning process, Five Golden rules of web designing, Designing navigation bar, Page design, Home Page Layout, Design Concept.
2. **Basics in Web Design** (5 Lectures)
Brief History of Internet, what is World Wide Web, Why create a web site, Web Standards, Audience requirement.
3. **Introduction to HTML** (8 Lectures)
What is HTML, HTML Documents, Basic structure of an HTML document, Creating an HTML document, Mark up Tags, Heading-Paragraphs, Line Breaks, HTML Tags.

Section -II

4. **Elements of HTML** (12 Lectures)
Introduction to elements of HTML, Working with Text, Working with Lists, Tables and Frames, Working with Hyperlinks, Images and Multimedia, Working with Forms and controls.
5. **Introduction to Cascading Style Sheets** (18 Lectures)
Concept of CSS, Creating Style Sheet, CSS Properties, CSS Styling(Background, Text Format, Controlling Fonts), Working with block elements and objects, Working with Lists and Tables, CSS Id and Class, Box Model(Introduction, Border properties, Padding Properties, Margin properties), CSS Advanced(Grouping, Dimension, Display, Positioning, Floating, Align, Pseudo class, Navigation Bar, Image Sprites, Attribute selector), CSS Colour, Creating page Layout and Site Designs.
6. **Introduction to Web Publishing or Hosting** (12 Lectures)
Creating the Web Site, Saving the site, working on the web site, creating web site structure, Creating Titles for web pages, Themes-Publishing web sites.

Reference Books:

1. Web Designing & Architecture-Educational, Technology Centre University of Buffalo
2. Steven M. Schafer, HTML, XHTML, and CSS Bible, 5ed Wiley India
3. John Duckett Beginning HTML, XHTML, CSS, and JavaScript, Wiley India
4. Ian Pouncey, Richard York Beginning CSS: Cascading Style Sheets for Web Design, Wiley India
5. Kogent Learning Web Technologies: HTML, Javascript Wiley India

Punyashlok Ahilyadevi Holkar Solapur University, Solapur
Faculty of Science and Technology
Choice Based Credit System (CBCS) (w.e.f. 2021-
22) Revised Structure for B.Sc. (ECS)-III

Subject/ Core Course	Name and Type of the Paper		No. of Papers /Practical	Hrs./Week			Total Marks per Paper	UA	CA	Credits
	Type	Name		L	T	P				
Class: B.Sc.(Entire Computer Science)- III Semester – V										
Ability Enhancement Course	(AECC)	English (Business English)	Paper IIPart A	4	--	--	50	40	10	2.0
Core	DSE1 A	Data Communication and Networking	Paper IX	4	--	--	100	80	20	4.0
	DSE2 A	Theory of Computer Science	Paper X	4	--	--	100	80	20	4.0
	DSE3 A	Visual Programming	Paper XI	4	--	--	100	80	20	4.0
	DSE4 A	Advanced Java	Paper XII	4	--	--	100	80	20	4.0
Skill Enhancement Course	SEC3	Advanced Python Programming	Paper XIII	4	--	--	100	80	20	4.0
Total Theory Semester-V				24			550	440	110	22
Class: B.Sc.(Entire Computer Science)-III Semester – VI										
Ability Enhancement Course	(AECC)	English (Business English)	Paper IIPart B	4	--	--	50	40	10	2.0
Core	DSE1 B	System Security	Paper XIV	4	--	--	100	80	20	4.0
	DSE2 B	Compiler Construction	Paper XV	4	--	--	100	80	20	4.0
	DSE3 B	Internet Programming using ASP.Net	Paper XVI	4	--	--	100	80	20	4.0
	DSE4 B	AngularJS	Paper XVII	4	--	--	100	80	20	4.0
Skill Enhancement Course	SEC4	Mobile Application Development	Paper XVIII	4	--	--	100	80	20	4.0
Total Theory Semester-VI				24			550	440	110	22
Practical's	DSE2 A and DSE 2 B			--	--	5	100	80	20	4.0
	DSE3 A and DSE 3 B			--	--	5	100	80	20	4.0
	DSE4 A and DSE 4 B			--	--	5	100	80	20	4.0
	Project work			--	--	5	100	80	20	4.0
Total (practical's)						20	400	320	80	16
Grand Total				48	--	20	1500	1200	300	60

Unit3:ObjectorientedProgrammingConcepts

[8]

Working with Indexer and Properties, Constructor and Destructor, working with "static"Members, Inheritance & Polymorphism - Types of Inheritance - Constructor in Inheritance -Interface Implementation - Operator and method Overloading and overriding - Static andDynamicBindingandVirtual Methods, AbstractClass, sealed keyword.

Unit4:ExceptionHandlingandI/OProgramming

[8]

What is Exception, Rules for Handling Exception, Exception classes, Exception handlingkeywords, Throwing exceptions, Stream Classes, System.IO and Base classes of Stream,Console I/O Stream,Workingwith File, Directoryclasses.

Unit5:Delegates,Collectionclasses

[6]

Introduction to Delegation, Types of delegates, Anonymous Methods, ArrayList, HashTable,Stack,Queue, Writingcustom genericclasses,workingwith GenericCollection Classes.

Unit6:WindowsFormsandADO.NET

[10]

Controls: Common control Group, Data, control Group, Dialog control Group, Containercontrol Group, Menus and Context Menus: Menu Strip, Toolbar Strip. SDI and MDIApplications, Evolution of ADO.NET, Connected and Disconnect Classes, EstablishingConnection with Database, Executing simple Insert, Update and Delete, Statements,DataReaderandDataAdapter, Datasetand itsAdvantages, StoredProcedures.

ReferenceBooks:

- “ProgrammingC#”-JesseLiberty,O’ReillyPress.
- “ProfessionalC#”-Robinsonetal,Wrox Press,2002.
- “TheCompleteReference:C#”-HerbertSchildt,TataMcGrawHill.
- “TheCompleteReference:Ado.Net”-Jerke,TataMcGrawHill.
- “C#forprogrammer”-Deilte-Pearson

Type:SEC3

**Course Title:AdvancedPythonProgramming(Paper
Code:PaperXIII)**

Course Objectives:

1. To learn Multithreaded Programming.
2. To learn GUI programming using different types of python modules.
3. To study database programming using MySQL.
4. To study Web server programming using CGI and XML.
5. To study Statistical Data analysis and Generating Reports using pandas and matplotlib modules.
6. To learn socket programming concept using Networking.

Course Outcomes: Upon successful completion of this course, students will be able to-

1. Design, Create, Build, and Debug Python applications.
2. Explore Integrated Development Environment (IDE).

Unit1:Multithreading

[6]

Understanding threads, Difference between Process and a Thread, Creating Threads, Thread Synchronization, Deadlock of Threads, Avoiding Deadlock in a Program.

Unit2:Networking in Python

[5]

Introduction to Sockets Programming, Server Socket Methods, Client Socket Methods, IP Address, URL, TCP/IP Server, TCP/IP Client, Sending E-mail Application.

Unit3:GUI Programming:

[11]

Introduction, Advantages of GUI, Introduction to GUI library, Root Window, Working with Containers: Frame, Canvas Layout Management, Events and Bindings, Font, Colors, drawing on Canvas (line, oval, rectangle, etc.) Widgets: Label, Button, Checkbutton, Entry, Listbox, Message, Radiobutton, Text, Spinbox, Scrollbar, Menu etc. Writing Python Programs for GUI applications.

Punyashlok Ahilyadevi Holkar Solapur University

Faculty of Science and Technology

Choice Based Credit System (CBCS), (w.e.f.2020-21)

Structure for B. C. A. – Part II (Science)

Subject/ Core Course	Name and Type of the Section		No. of Papers/ Practical	Hrs/week			Total Marks Per Section	UA	CA	Credits
	Type	Name		L	T	P				
Class :	B.C. A.- II Semester – III									
Core	DSC1C	OOPS with C++-I	Section -I	03	--	--	50	40	10	4.0
		Data structures using 'C'- I	Section-II	03	--	--	50	40	10	
	DSC2C	Database Management System	Section-I	03	--	--	50	40	10	4.0
		Software Testing & Quality Assurance	Section-II	03	--	--	50	40	10	
	DSC3C	Web Development using PHP	Section-I	03	--	--	50	40	10	4.0
		Computer Networks-I	Section-II	03	--	--	50	40	10	
	AECC	Environmental Studies		03	--	--	50	40	10	NC
	SEC-I	Financial Accounting with Tally		06	--	--	100	80	20	4.0
Total				27	--	--	450	360	90	16
Class :	B. C. A. - II Semester - IV									
Core	DSC1D	OOPS with C++-II	Section -I	03	--	--	50	40	10	4.0
		Data structures using 'C'- II	Section-II	03	--	--	50	40	10	
	DSC2D	MySQL	Section-I	03	--	--	50	40	10	4.0
		Ethics and Cyber law	Section-II	03	--	--	50	40	10	
	DSC3D	Angular JS	Section-I	03	--	--	50	40	10	4.0
		Advanced Computer Networks	Section-II	03	--	--	50	40	10	
SEC-II	Python Programming		06	--	--	100	80	20	4.0	
Total (Theory)				24	--	--	400	320	80	16
Core		DSC 1 C & 1 D	Practical I & II	--	--	8	100	80	20	4.0
		DSC 2 C & 2 D	Practical I & II	--	--	8	100	80	20	4.0
		DSC 3 C & 3 D	Practical I & II	--	--	8	100	80	20	4.0
Total (Practical)						24	300	240	60	12
Grand Total				51	--	24	1150	920	230	44

*Core Subjects: Chemistry/Physics/Electronics/Computer

Science/Mathematics/Statistics/Botany/Zoology/ Microbiology/Geology/ Geography/Psychology

Abbreviations: L: Lectures, T: Tutorials, P: Practical's, UA:University Assessment, CA: College Assessment, DSC / CC: Core Course, AEC : Ability Enhancement Course, DSE : Discipline Specific Elective Section, SEC : Skill Enhancement Course, GE : Generic Elective, CA: Continuous Assessment, ESE: End Semester Examination

BCA (Science)-II Semester- III

Course Code: DSC1C (Section-II)

Course Title: Data Structures using 'C'-I

Total Contact Hours: Hrs.

Total Marks: 50(40 Lectures)

Teaching Scheme: Theory 3 Lect./Week

Total Credits: 02

Unit No	Content	No. of Lectures
Unit-1	An Introduction to Data Structures: Introduction, Definition and types of Data structure. Abstract Data Type (ADT)-ADT for array, ADT for stack, ADT for queue. Algorithm: Definition, characteristics of algorithm, Complexity of algorithm-Space complexity, time complexity, Big-O Notation. Design strategies of Algorithm- Divide and Conquer, Greedy Algorithm, branch & bound, backtracking and dynamic programming.	8
Unit-2	Array: Introduction to Array, types of array- one dimensional, two dimensional, multidimensional, Operations of array- insert, delete, traverse, count, display, reverse	4
Unit-3	Stack: Introduction to Stack, Operations of stack- Create, isempty, isfull, push, pop, display, Implementation of stack using array(Static Implementation), Applications of Stack-Conversion of infix expression to postfix expression, Conversion of infix expression to prefix expression, Matching parenthesis in an expression (Checking expression is valid or invalid), Evaluation of postfix expression, Stack in recursion, Implementation of applications of stack.	8
Unit-4	Queue: Introduction to Queue, Operations of queue- Create, isempty, isfull, insert, remove, display, Types of Queue- Linear Queue, Circular Queue, Deque (Double Ended Queue), Priority queue. Implementation of all types of queue using array(Static Implementation), Difference between stack and queue, Applications of Queue	8
Unit-5	Linked Lists: Introduction to Linked Lists, Difference between Array and linked list. Types of linked list- 1) Linear linked list- Singly (Single) and Doubly (Double) 2) Circular linked list- Singly (Single) and Doubly (Double) Operations of linked list- Creation, Insertion, Deletion, Traversing, Searching, Display, count, reverse, Implementation of all types of linked list, Implementation of stack using linked list (Dynamic stack), Implementation of queue using linked list (Dynamic queue)	12

Books Recommended:

1. Tanenbaum: Data structures using C and C++
2. Data Structures Through C in Depth- S.K.Srivastava, D.Srivastava
3. Fundamentals of *Data Structures in C* by Sahni

BCA (Science)-II Semester- IV

Course Code: DSC1D (Section-I)
Total Contact Hours: Hrs.
Teaching Scheme: Theory 3 Lect./Week

Course Title: OOPS with C++-II
Total Marks: 50(40 Lectures)
Total Credits: 02

Unit No	Content	No. of Lectures
Unit-1	<p>Inheritance and Runtime Polymorphism:</p> <ul style="list-style-type: none"> • Introduction of inheritance, benefits, use • Defining derived class • Types of derivations • Types(Forms) of Inheritance- Single, Multi-level, Multiple, Hierarchical, Hybrid, Multi-path (Virtual base class) • Behavior of constructors and destructor in inheritance • Overloaded member functions • Pointer to base class, Pointer to derived class • Object composition-delegation <p>Runtime polymorphism-</p> <ul style="list-style-type: none"> • Introduction of runtime polymorphism • Virtual functions- Concept, characteristics and use of virtual function. • Pure virtual function-Concept, characteristics and Use. • Abstract class, virtual destructors 	15
Unit-2	<p>Stream and Files:</p> <ul style="list-style-type: none"> • Introduction to streams in C++ • Stream classes and File stream classes • Formatted and unformatted I/O functions and Manipulators. • File Manipulations- Opening, closing, reading, writing, Appending • File opening modes-Opening files, using open() and constructor • Error handling during file manipulations • Command line arguments. 	15
Unit-3	<p>Exception Handling and Template:</p> <ul style="list-style-type: none"> • Introduction to Exception handling • Exception handling mechanism-try, catch, throw keywords. • Custom exception. • Introduction to function template- overloaded function and user defined template • class template- inheritance of class template, overloaded operators and class template containership 	10

Books Recommended:

- 1) OOP in C++ – E-balagurusamy
- 2) Mastering C++ - K.R. Venugopal
- 3) Structured approach using C++ – Behrouz A. Forouzan
- 4) The Complete Reference C++- Fourth Edition. Herbert Schildt

PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

Choice Based Credit System (CBCS), (w. e. f. June-2021)

Syllabus for B. C. A. – Part III (Science)

Name and Type of the Paper		Title of Paper	Hrs/Wee		Total Marks per paper	UA	CA	Credits
Type	Name		L	P				
B. C. A. – III Semester V								
English (Business English)	English (Business English)		4	-	50	40	10	2.0
DSE 1 A	Paper IX	Core Java	4	-	100	80	20	4.0
DSE 2 A	Paper X	Visual Programming	4	-	100	80	20	4.0
DSE 3 A	Paper XI	Computer Graphics	4	-	100	80	20	4.0
DSE 4 A	Paper XII	Recent Trends in IT	4	-	100	80	20	4.0
SEC 3	Paper XIII	Linux and Shell Programming	4	-	100	80	20	4.0
	Total (Theory)		24	-	550	440	110	22.0
B. C. A. – III Semester VI								
English (Business English)	English (Business English)		4	-	50	40	10	2.0
DSE 1 B	Paper XIV	Advanced Java	4	-	100	80	20	4.0
DSE 2 B	Paper XV	Dot Net Technology	4	-	100	80	20	4.0
DSE 3 B	Paper XVI	Data Warehouse and Data Mining	4	-	100	80	20	4.0
DSE 4 B	Paper XVII	Cryptography and Network Security	4	-	100	80	20	4.0
SEC 4	Paper XVIII	Advanced Python	4	-	100	80	20	4.0
	Total (Theory)		24	-	550	440	110	22.0
Practical								
DSE 1A &1B	Practical IV	Practical On Core Java and Advance Java	-	5	100	80	20	4.0
DSE 2A &2B	Practical V	Practical on Visual Programming and .Net Technology	-	5	100	80	20	4.0
DSE 3A &3B	Practical VI	Practical on Computer Graphics And DM & DW	-	5	100	80	20	4.0
	Practical VII	Project	-	5	100	80	20	4.0
	Total (Practicals)		-	20	400	320	80	16
Grand Total			48	20	1500	1200	300	60

Punyashlok Ahilyadevi Holkar Solapur University, Solapur
Faculty of Science and Technology

Subject/ Core Course	Name and Type of the Section		No. of Papers/ Practical	Hrs/week			Total Marks Per Section	UA	CA	Credits
	Type	Name		L	T	P				
Class :	B.Sc(Entire Computer Science)- II Semester – III									
Core	DSC 1C	Data Structure using C++ -I		3	-	--	50	40	10	4
		Data Structure using C++ -II		3	-	--	50	40	10	
	DSC 2C	Software Engineering		3	-	--	50	40	10	4
		Software Testing		3	-	--	50	40	10	
	DSC 3C (GE-3)	Probability Theory –I		3	-	--	50	40	10	4
		Probability Theory-II		3	-	--	50	40	10	
	SEC-I	Introduction to Python programming		3	-	--	50	40	10	2
Total				21	-	--	350	280	70	14
Class :	B.Sc(Entire Computer Science)- II Semester – IV									
Core	DSC 1D	Database Management System		3	-	--	50	40	10	4
		MYSQL		3	-	--	50	40	10	
	DSC 2D	Operating System		3	-	--	50	40	10	4
		Linux OS and Shell Scripting		3	-	--	50	40	10	
	DSC 3D (GE-4)	Statistics for Data Science		3	-	--	50	40	10	4
		Optimization techniques		3	-	--	50	40	10	
	SEC-II	Web Development using PHP		3	-	--	50	40	10	2
	AECC	Environmental studies		3	-	--	50	40	10	NC
Total (Theory)				24	-	--	400	320	80	14
Practical's on	DSC 1C , DSC 1D and SEC-I		Practical I & II	--	-	8	100	80	20	4
	DSC 2C , DSC 2D and SEC-II		Practical I & II	--	-	8	100	80	20	4
	DSC 3C & DSC 3D		Practical I & II	--	-	8	100	80	20	4
Total (Practical)						24	300	240	60	12
Grand Total				45	-	24	1150	920	230	44

***Core Subjects: Chemistry/Physics/Electronics/Computer**

Science/Mathematics/Statistics/Botany/Zoology/ Microbiology/Geology/ Geography/Psychology

Abbreviations:L: Lectures, T: Tutorials, P: Practical's, UA:University Assessment, CA: College

Assessment, DSC / CC: Core Course, AEC : Ability Enhancement Course, DSE : Discipline Specific

Elective Section, SEC : Skill Enhancement Course, GE : Generic Elective, CA: Continuous Assessment,

ESE: End Semester Examination

Course Code: _____ (Section-I)

Course Title: **Data structures- I**

Total Contact Hours: Hrs.

Total Marks: 50(40 Lectures)

Teaching Scheme: Theory 3 Lect./Week

Total Credits: 02

Unit No	Content	No. of Lectures
1	An Introduction to Data Structures: Introduction, Definition and types of Data structure. Abstract Data Type (ADT)- ADT for array, ADT for stack, ADT for queue. Algorithm: Definition, characteristics of algorithm. Complexity of algorithm- Space complexity, time complexity, Big-O Notation Design strategies of Algorithm- Divide and Conquer, Greedy Algorithm, branch & bound, backtracking, and dynamic programming.	8
2	Array: Introduction to Array, types of array- one dimensional, two dimensional and multidimensional, Operations of array- insert, delete, traverse, count, display, reverse	4
3	Stack: Introduction to Stack, Operations of stack- Create, isempty, isfull, push, pop, display, Implementation of stack using array (Static Implementation) Applications of Stack-Conversion of infix expression to postfix expression, Conversion of infix expression to prefix expression, Matching parenthesis in an expression (Checking expression is valid or invalid), Evaluation of postfix expression, Stack in recursion, Implementation of applications of stack.	8
4	Queue: Introduction to Queue, Operations of queue- Create, isempty, isfull, insert, remove, display , Types of Queue- Linear Queue, Circular Queue, Deque (Double Ended Queue), Priority queue. Implementation of all types of queue using array (Static Implementation), Difference between stack and queue, Applications of Queue	8
5	Linked Lists: Introduction to Linked Lists, Difference between Array and linked list. Types of linked list- 1) Linear linked list- Singly (Single) linear linked list and Doubly (Double) linear linked list. 2) Circular linked list- Singly (Single) circular linked list and Doubly (Double) circular linked list, Operations of linked list- Creation, Insertion, Deletion, Traversing, Searching, Display, count, reverse, Implementation of all types of linked list, Implementation of stack using linked list (Dynamic stack),Implementation of queue using linked list (Dynamic queue)	12

Books Recommended:

1. Tanenbaum: Data structures using C and C++
2. Data Structures Through C in Depth- S.K.Srivastava,D.Srivastava
3. Fundamentals of *Data Structures in C* by Sahni

Course Code: _____(Section-I)

Course Title: Data structures- II

Total Contact Hours: Hrs.

Total Marks: 50(40 Lectures)

Teaching Scheme: Theory 3 Lect./Week

Total Credits: 02

Unit No	Content	No. of Lectures
1	<p>Trees:</p> <p>Introduction to Tree, Introduction to Binary Trees, Types of Binary tree- Strictly Binary tree, Complete Binary tree, Extended (2-Tree) Binary tree, Binary expression tree, Binary Search tree, Heap Tree- Min heap tree, Max heap tree, Representation of Binary tree using- Array, Linked list</p> <p>Operations of Binary search tree-Creating and inserting node, Searching node, Counting total nodes, Counting and displaying leaf nodes, Tree Traversal methods- Preorder, Inorder, Postorder, Deletion of Nodes, Implementation of binary search tree, Height balanced tree/Balanced Binary Tree/AVL tree, Application of tree</p>	10
2	<p>Graph:</p> <p>Concept & terminologies used in graph, Graph Representation using- Array and linked list, Graph traversals – BFS & DFS, Dijkstra's shortest path algorithm, and application of graph.</p>	10
3	<p>Sorting:</p> <p>Introduction and definition of Sorting, Types of Sorting-Bubble sort, Quick sort, Shell sort, Selection sort, Insertion sort, Heap Sort, Merge sort, Radix Sort, Tree Sort techniques</p>	10
4	<p>Searching:</p> <p>Introduction and definition of Searching, Types of searching-Linear (Sequential) Search, Binary Search, Indexed sequential search, Hashing and different Hash functions.</p>	10

Books Recommended:

1. Tanenbaum: Data structures using C and C++
2. Data Structures Through C in Depth- S.K.Srivastava,D.Srivastava
3. Fundamentals of *Data Structures in C* by Sahni
4. Ulman: Data structures and Algorithms
5. Niklaus Wirth: Algorithms, data structures, Programs.

Course Code: _____ (Section-I)

Course Title: **Software Engineering**

Total Contact Hours: Hrs.

Total Marks: 50(40 Lectures)

Teaching Scheme: Theory 3 Lect./Week

Total Credits: 02

Unit No	Content	No. of Lectures
Unit-1	<p>System concepts: Introduction system, characteristics, Elements of system, Types of system, System Analysis, Role of System Analyst.</p> <p>Software Engineering: Definition, Characteristics of software, Qualities of software.</p> <p>System Development life cycle- Waterfall model, V-shape model, Spiral model, Prototyping, incremental, RAD, Agile.</p>	10
Unit-2	<p>Software requirements: Functional, Non-functional requirements, User requirement, System requirements, Fact finding techniques: Interviews, Questionnaire, Record reviews, Observation</p> <p>Analysis and Design Tools: Flow charting, Decision tables, Decision Trees, Structured English, Structure charting Techniques (HIPO).</p> <p>System Design: Data flow Diagram (Physical, Logical), Entity relation diagram, structured chart, Data Dictionary, Input and output design, Types of Dependencies, Normalization(1NF,2NF,3NF,BCNF,4NF,5NF)</p>	10
Unit-3	<p>Coding: Verification, size measures, complexity analysis, coding standards, Effort Estimation, Cost Estimation, Testing fundamentals</p> <p>Construction of the system: traditional and incremental approaches, conversion methods, Software Implementation, Overview of maintenance process, types of maintenance.</p>	10
Unit-4	<p>Software Quality Assurance: SQA Tasks, Goals and Metrics, Software Review Techniques: Informal reviews, Formal Technical Reviews, Software Reliability. Software risk management: definition, types of risk, risk identification-risk monitoring and management.</p>	10

Books Recommended:

1. Analysis and Design of Information Systems By James Senn.
2. Practical guide to structure System Design By Miller/Page/jones.
3. Software Engineering By Pressman. 4. System Analysis and Design By Parthasarty

Punyashlok Ahilyadevi Holkar Solapur University, Solapur



NAAC Accredited-2022
'B+' Grade (CGPA 2.96)

Name of the Faculty: Science & Technology

CHOICE BASED CREDIT SYSTEM

Syllabus: Entire Computer Science

Name of the Course: B.Sc. I ECS (Sem.- I & II)

(Syllabus to be implemented from June 2022)

Programme Learning Outcomes:

These outcomes describe what students are expected to know and can do by the time of graduation. They relate to the skills, knowledge, and behaviours that students acquire in their graduation through the program Programme Learning Outcomes for BSc(Entire Computer Science):

The Bachelor of Science(Entier Computer Science) programme enables students to attain, by the time of graduation:

- PLO-1.** Demonstrate the aptitude for Computer Programming and Computer based problem solving skills.
- PLO-2.** Display the knowledge of appropriate theory, practices and tools for the specification, design, implementation
- PLO-3.** Ability to learn and acquire knowledge through online courses available at different MOOC Providers.
- PLO-4.** Ability to link knowledge of Computer Science with other two chosen auxiliary disciplines of study.
- PLO-5.** Display ethical code of conduct in the usage of Internet and Cyber systems.
- PLO-6.** Ability to pursue higher studies of specialization and to take up technical employment.
- PLO-7.** Ability to formulate, model, design solutions, procedure and use software tools to solve real world problems and evaluate.
- PLO-8.** Ability to operate, manage, deploy, configure computer network, hardware, and software operation of an organization.
- PLO-9.** Ability to present results using different presentation tools.
- PLO-10.** Ability to appreciate emerging technologies and tools.
- PLO-11.** Apply standard Software Engineering practices and strategies in real-time software project development.
- PLO-12.** Design and develop computer programs/computer -based systems in the areas related to algorithms, networking, web design, cloud computing, IoT and data analytics.
- PLO-13.** Acquaint with the contemporary trends in industrial/research settings and thereby innovate novel solutions to existing problems
- PLO-14.** The ability to apply the knowledge and understanding noted above to the analysis of a given information handling problem.
- PLO-15.** The ability to work independently on a substantial software project and as an effective team member.

Punyashlok Ahilyadevi Holkar Solapur University, Solapur

Faculty of Science and Technology

Choice Based Credit System (CBCS), (w.e.f. 2022-23) Revised Structure for B.Sc.(Entire Computer Science)-I

Subject/ Core Course	Name and Type of the Paper		Paper / Practical No	Hrs./week			Total Marks Per Paper	UA	CA	Credits
	Type	Name		L	T	P				
B.Sc.(Entire Computer Science)-I Sem-I										
Ability Enhancement Compulsory Course (AECC)	English Paper I Part-A (communication-skill)			4.0			50	40	10	2.0
*Core Courses	DSC 1A	Fundamental of Computer	Paper- I	2.5	--	--	50	40	10	4.0
		Basics of Operating System	Paper-II	2.5	--	--	50	40	10	
	DSC 2A	Programming using 'C'	Paper- I	2.5	--	--	50	40	10	4.0
		Python – I	Paper-II	2.5	--	--	50	40	10	
	**DSC 3A /GE-1A	Numerical Methods	Paper- I	2.5	--	--	50	40	10	4.0
		Graph Theory	Paper-II	2.5	--	--	50	40	10	
	***DSC 4A /GE-2A	Basic Electronics	Paper- I	2.5	--	--	50	40	10	4.0
		Advanced Electronics	Paper-II	2.5	--	--	50	40	10	
		Total		24	--	--	450	360	90	18
B.Sc.(Entire Computer Science)-I Sem-II										
Ability Enhancement Compulsory Course (AECC)	English Paper I Part-B (communication skill)			4.0			50	40	10	2.0
*Core Courses	DSC 1B	Introduction to Web Technology	Paper-III	2.5	--	--	50	40	10	4.0
		Operating System	Paper-IV	2.5	--	--	50	40	10	
	DSC 2B	Object Oriented Programming using C++	Paper-III	2.5	--	--	50	40	10	4.0
		Python – II	Paper-IV	2.5	--	--	50	40	10	
	**DSC 3B/GE-1B	Linear Algebra	Paper-III	2.5	--	--	50	40	10	4.0
		Discrete Mathematics	Paper-IV	2.5	--	--	50	40	10	
	***DSC 4B/GE-2B	Digital Electronics and Microprocessor	Paper-III	2.5	--	--	50	40	10	4.0
		Introduction to Microcontroller and Embedded System	Paper-IV	2.5	--	--	50	40	10	
		Democracy, Elections and Good Governance		3			50	40	10	NC
Total (Theory)				24	--	--	450	360	90	18
Core Practical	DSC 1 A & 1B	Practical I		--	--	4	100	80	20	4.0
	DSC 2 A & 2B	Practical II		--	--	4	100	80	20	4.0

DSC 3A &3B / GE-1A&1B	Practical III		--	--	4	100	80	20	4.0
DSC 4A & 4B / GE-2A &2B	Practical IV		--	--	4	100	80	20	4.0
Total (Pract.)					16	400	320	80	16
Grand Total			48		16	1300	1040	260	52
<p>*Core Courses: DSC 1A , DSC 1B, DSC 2A and DSC 2B (Core computer science courses)</p> <p>**Generic Electives: DSC 3A/GE-1A and DSC 3B/GE-1B: Mathematics</p> <p>***Generic Electives : DSC 4A/GE-2A and DSC 4B/GE-2B: Electronics</p> <p>Abbreviations:</p> <p>L: Lectures T: Tutorials P: Practical UA : University Assessment CA : College Assessment CC: Core Course AEC : Ability Enhancement Course DSE : Discipline Specific Elective Paper SEC : Skill Enhancement Course, AIC: Additional Interdisciplinary Courses GE: Generic Electives</p>									

Punyashlok Ahilyadevi Holkar Solapur University, Solapur



NAAC Accredited-2022

'B++' Grade (CGPA 2.96)

Name of the Faculty: Science & Technology

CHOICE BASED CREDIT SYSTEM

Syllabus: Bachelor of Computer Application

Name of the Course: B.C.A. Part-I (Sem.- I & II)

(Syllabus to be implemented from June 2022)

Faculty of Science and Technology
Choice Based Credit System (CBCS),(w.e.f. 2022-23) Revised Structure for
BCA-I (Sem-I & II)

Subject/ Core Course	Name and Type of the Paper		Paper / Practical No	Hrs./week			Total Marks Per Paper	UA	CA	Cred- its
	Type	Name		L	T	P				
BCA-I (Sem-I)										
Ability Enhancement Compulsory Course (AECC)		English Paper I Part-A (Communication Skill)		4.0			50	40	10	2.0
*Core Courses	DSC 1A	Fundamentals of Computer	Paper- I	2.5	--	--	50	40	10	4.0
		Office Automation	Paper-II	2.5	--	--	50	40	10	
	DSC 2A	Programming and Problem Solving using 'C' – I	Paper- I	2.5	--	--	50	40	10	4.0
		Web Program- ming-I	Paper-II	2.5	--	--	50	40	10	
	**DSC 3A /GE- 1A	Basics of Mathe- matics	Paper- I	2.5	--	--	50	40	10	4.0
		Descriptive Statis- tics	Paper-II	2.5	--	--	50	40	10	
	***DSC 4A /GE- 2A	Fundamentals of Electronics	Paper- I	2.5	--	--	50	40	10	4.0
		Linear Electronics	Paper-II	2.5	--	--	50	40	10	
		Total		24	--	--	450	360	90	18
BCA-I (Sem-II)										
Ability Enhancement Compulsory Course (AECC)		English Paper I Part-B (Communication Skill)		4.0			50	40	10	2.0
*Core Courses	DSC 1B	Introduction to Py- thon Programming	Paper-III	2.5	--	--	50	40	10	4.0
		Operating System	Paper-IV	2.5	--	--	50	40	10	
	DSC 2B	Programming and Problem Solving using 'C' – II	Paper-III	2.5	--	--	50	40	10	4.0
		Web Program- ming-II	Paper-IV	2.5	--	--	50	40	10	
	**DSC 3B/GE- 1B	Graph Theory	Paper-III	2.5	--	--	50	40	10	4.0
		Probability Thoery	Paper-IV	2.5	--	--	50	40	10	
	***DSC 4B/GE-	Digital Fundamen- tals of Computer	Paper-III	2.5	--	--	50	40	10	

	2B	Introduction of Microprocessor and Interfacing	Paper-IV	2.5	--	--	50	40	10	4.0
	Democracy, Elections and Good Governance			3			50	40	10	NC
Total (Theory)				24	--	--	450	360	90	18
Core Practical	DSC 1 A & 1B	Practical I		--	--	4	100	80	20	4.0
	DSC 2 A & 2B	Practical II		--	--	4	100	80	20	4.0
	DSC 3A & 3B / GE-1A&1B	Practical III		--	--	4	100	80	20	4.0
	DSC 4A & 4B / GE-2A & 2B	Practical IV		--	--	4	100	80	20	4.0
Total (Pract.)						16	400	320	80	16
Grand Total				48		16	1300	1040	260	52