SDM College OF Engineering & Technology Dharwad-580002



Department of Information Science & Engineering

Stakeholders Feedback Report

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INFERENCE AND ACTION PLAN OF ALUMNI SURVEY

QUESTIONNAIRE	SUMMARY	ACTION PLAN
Higher Studies Opt	 12% have gone for higher studies. Remaining has not opted for higher studies. 	 Good Placement at UG Level Can be Postponed of plans for higher studies
Curriculum mapping with higher studies: Very relevant Relevant Cant say Less relevant Least relevant	 58% have agreed very relevant. 33% less relevant. Remaining 10% Least relevant. 	Motivation for higher studiesInternships in the institution
Whether you are into Entrepreneurship?	10% agreed.Remaining % not agreed.	 More courses on Entrepreneurship Events/activities like HACKATHON , Business plan, context.
JOB profile:	 58% are programmers in different companies. 12% testing. 3% teaching. 3% linux admin. 3% musician. 3% full stack developer. 	 Courses to orient students towards higher level jobs like developer, designer etc.
Salary Package:	 49% 2-5 lakhs. 42% 5-10 lakhs. 6.1% greater than 10 lakhs. 	 Salary Packages to be enhanced by encouraging students to go for better campus
Relevance of curriculum with respect to your current job:	 64 % relevant. 21 % poorly relevant. 15 % excellent. 	Syllabus modification to include relevant subjects
Satisfaction of the job;	94% satisfied.Remaining % not satisfied.	 High level of satisfaction is achieved Aspiration must be increased through placement.
To meet the current job requirements tools used which you have not learnt in degree:	AWS_Unix, Node IS, Flutter, Putty, Node IS express. XML. API.	Some of the tools to be taught using value added program.
Any other suggestions Suggestion:	 Internship must be added in the curriculum. Industrial training. More labs rather than theoretical subjects. Introducing new language like java script, mean stack, full stack. Computer vision, AI, Data analytics. Network programming to be introduced Need more hands-on industrial training 	 Artificial Intelligence, Data analytics is introduced in the curriculum. Internship, Industrial training is carried out Java Lab, ADA Lab, File structures Lab is introduced in the curriculum Network programming in Computer networks lab is introduced More number hands-on industrial

		training is conducted Under C-III
How well do you think UG programme at SDMCET prepared you to develop career or work related knowledge & skills. Excellent Very Good Good Poor	 51.5% Good 27.3% Very good. 15.2% Excellent. 6.1% poor 	Contemporary curriculum to be maintained through constant revision of courses.
How well do you think undergraduate programme at SDMCET prepared you to Think analytically and logically	 48.4% Good 27.3% very good. 15.2% Excellent 9.1% Poor 	Thinking and creative abilities to be enhanced through activity base learning
How well do you think undergraduate programme at SDMCET prepared you to Communicate well: written and oral	 42.4% Good 33.3% Very good. 15.2% Excellent. 9.1% Poor. 	Communication skills to be include through add-on courses.
How well do you think undergraduate programme at SDMCET prepared you to Acquire new skills and knowledge on your own	 36.4% Good 39.4% Very good. 18.2% Excellent. 6.1% Poor. 	New skills through self study, internship etc to be encouraged.
How well do you think UG programme at SDMCET prepared you to work effectively as a team member?	 30.3% Good. 42,4% Very good. 21.2% excellent. 6.1% Poor. 	 Team based activities like projects to be increased in number and extracurricular activities.
How well do you think undergraduate programme at SDMCET prepared you to be an effective leader?	 45.5% Very good 24.2% Good 24.2% excellent 6.1% Poor 	Leadership skills developed through team activity to be enhanced.
Vision of the department: To equip students with latest skills in the field of Information Technology (I.T) and the proper professional and ethical values supplemented with practical orientation to face challenges of modern computing industry. Indicate how well do you agree with Vision of the department Strongly agree Agree Disagree	 62% of the Alumni strongly agreed with the present vision. Remaining % of the Alumni agreed with the present vision. 	 Practical skills like interaction techniques, ethics, values etc through add-on courses. Whether 'latest skills 'could be substituted by competent is to be discussed and change to be made.
Do you suggest any changes in the vision? (Specify) Indicate how well do you agree with vision of the department Strongly agree Agree	• 62% have agreed vision statement is very relevant to ISE course.	 Substituting practical orientation in the statement with contemporary IT Knowledge. To be changed in BOS and AC

•	Disagree		
Wheth	er VISION STATEMENT is Mapped to the		
Inform	nation Science and Engineering Course	• 85% agreed vision statement is mapped to ISE	• As vision is mapped almost
•	Completely Mapped	course.	completely with minor points to be
•	Partially Mapped		revised as stated above.
•	Not Mapped		
Missio	n of the department-		
Indicat	te how well do you agree with Mission of the		
departr			• Mission statements are meant for
	o make the students technically superior and ethically		implementing vision therefore the
strong	who in turn shall advance the quality of life.		following changes may be thought of
•	Strongly agree	• M1. 54% strongly agreed the present M1	from the survey
•	Agree	Remaining portion have only agreed the M1 Statement	• Technical superiority is to be
•	Disagree		implemented through contemporary
	o promote research and development in the frontier	• M2. 62% strongly agreed with the present M2,	curriculum and use of modern ICT
areas o	of Information technology.	31% agreed & remaining portion cant say.	tools. Therefore they are included as
•	Strongly agree		mission point
•	Agree	• M3. 62% strongly agreed with the present M3.	• Facilities to be provided for exposure
•	Disagree	Remaining % just agreed.	to best IT Practices is another mission
M3- To	o generate competent professional to become part of		point
the ind	lustry and research organization at the national levels.		• 'Ethical and moral values' are retained
•	Strongly agree		separate mission point.
•	Agree		
•	Disagree		
Wheth	er all MISSION STATEMENTS are relevant to the		
	nation Science and Engineering Course		Relevance is to be increased with
	Very relevant	• 70% are agreed with present mission statements	appropriate change in focus as
	Less Relevant	which are relevant to ISE course.	suggested above.
	Not relevant		suggested above.
	er all MISSION STATMENTs are Mapped to the		
	nation Science and Engineering Course		A mission statements shances are also
111101111		• 93% academicians agreed with completely	A mission statements changes are also to be completely manned to VISION
•	Completely Mapped	mapped with ISE course	to be completely mapped to VISION of ISE Course
•	Partially Mapped		of ISE Course
Do voi	Not Mapped 1 suggest any changes in the Mission? (Specify)	Changes as above	Changes carried out as mentioned
	m Educational Objectives (PEOs)		It was felt that 'excel' for all would be
Tiogra	in Educational Cojectives (1 EOs)		unrealistic therefore 'develop into'
Indicat	te how well do you agree with each Program		was suggested in PEO-1
	tional Objectives (PEOs)	• 62% have agreed all PEOs are very relevant to	• In PEO-2, was left untouched since a
PEO-1		mission of the dept.	section of graduates always will have
	as Information Technology Professional with		inclination of higher studies
	ency in designing solutions to Information		• In PEO-3,the concepts of team
	pering problems.		working and collaborating for best

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Very relevant		output was suggested.
• Less Relevant		
Not relevant		
PEO-2		
Pursue higher studies with the sound knowledge of basic		
concepts and skills in science and Information Technology		
disciplines		
Very relevant		
Less Relevant		
Not relevant		
PEO-3		
Exhibit professionalism, team work and exposure to current		
trends towards continuous learning		
Very relevant		
Less Relevant		
Not relevant		
Whether all PEO STATEMENTs are relevant to the		A so the feether to see that the
Information Science and Engineering Course	• 85% are agreed PEO's are very relevant to ISE	 As the feedback received agree with statements of PEOs essence is left is as
Very relevant	course.	it is and only specific words are
Less Relevant	course.	,
Not relevant		changed
Whether all PEO STATEMENTs are Mapped to the	1000/ 1000/ 1 100	As the feedback received agree with
Information Science and Engineering Course	• 100% agreed PEO's stmt's are mapped to ISE	statements of PEOs essence is left is as
Completely Mapped	course.	it is and only specific words are
Partially Mapped		changed
Not Mapped		
PO1: Engineering knowledge		
[Indicate Whether PO STATEMENT is relevant to the		
Information Science and Engineering Course]		• ISE is taught to be applied to be
Very relevant	• 62% are very relevant to ISE course.	applied science, hence more applicants
• Relevant		like AI,ML and IOT etc are brought
• Cant say		into syllabus
Less relevant		
Least relevant		
PO2 : Prob Analysis		
[Indicate Whether PO STATEMENT is relevant to the		
Information Science and Engineering Course]		Current courses provide enough
Very relevant	• 69% are very relevant to ISE course.	Problem Solving opportunities as seen
Relevant	0,70 m2 101, 1010 10 1011 00 1100	by near 90% relevance.
• Cant say		
• Less relevant		
• Least relevant		
PO 3:Design & development of solution		
[Indicate Whether PO STATEMENT is relevant to the	• 69% are very relevant to ISE course.	• Current courses provide enough
Imalcate whether to STATEMENT is relevant to the		

Information Science and Engineering Course]		'design and development opportunities
Very relevant		as seen by near 90% relevance.
Relevant		
• Cant say		
Less relevant		
Least relevant		
PO 4:Conduct investigation of complex problem		
[Indicate Whether PO STATEMENT is relevant to the		
Information Science and Engineering Course]		Several Opportunities are provided in
Very relevant	• 54% have agreed very relevant.	Several Opportunities are provided in current curriculum for attaining this
• Relevant		PO
• Cant say		10
 Less relevant 		
Least relevant		
PO 5:Modern tool usage		
[Indicate Whether PO STATEMENT is relevant to the		Modern ICT Tools are to be
Information Science and Engineering Course]		Modern ICT Tools are to be introduced to students.
Very relevant	• 69% have agreed very relevant.	
• Relevant		This is being continuously done in Microsophyseller, DBMS, LoT, DBA
• Cant say		Microcontroller, DBMS, IoT, BDA, CN etc. courses.
Less relevant		CIVEIC. Courses.
Least relevant		
PO 6: Engineering & Society		
[Indicate Whether PO STATEMENT is relevant to the		
Information Science and Engineering Course]		Mini project and Major project are
Very relevant	460/ have a great years relevant	significant contributors to societal
• Relevant	46% have agreed very relevant	addressing by engineering students
• Cant say		and they will be more people friendly.
 Less relevant 		
Least relevant		
PO 7:Environmental & system relative		
[Indicate Whether PO STATEMENT is relevant to the		
Information Science and Engineering Course]		
Very relevant	• 38.5% have agreed very relevant.	Concern about Environment and its
• Relevant		preservation are also mainly addressed
• Cant say		through socially relevant projects.
Less relevant		
 Least relevant 		
PO 8: Ethics		TIL: DO : 1 · · · · · · · · ·
[Indicate Whether PO STATEMENT is relevant to the	(20/	This PO is having scope of address
Information Science and Engineering Course]	• 62% are very relevant.	only in humanities component of
Very relevant		syllabus and through certain
Relevant		assignments etc. in some courses.

• Cant say		
Less relevant		
Least relevant		
PO 9: Individual & term work		
[Indicate Whether POSTATEMENT is relevant to the		
Information Science and Engineering Course]		T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Very relevant	• 69.2% are very relevant.	Team work to be strengthened by
• Relevant	•	giving more group assignments and
• Cant say		class activities etc.
 Less relevant 		
Least relevant		
PO 10: Communication		
[Indicate Whether PO STATEMENT is relevant to the		
Information Science and Engineering Course]		
Very relevant	• 54% are very relevant.	Communication is addressed in first
Relevant		year courses. Also some training
• Cant say		programs are conducted for soft skills
• Less relevant		
 Least relevant 		
PO 11:Project Management & finance		
[Indicate Whether PO STATEMENT is relevant to the		
Information Science and Engineering Course]		• It needs to be augmented with project
Very relevant	• 54% are very relevant.	execution also an open elective is to be
Relevant	• · · · · · · · · · · · · · · · · · · ·	made available for project
• Cant say		management.
 Less relevant 		
Least relevant		
PO 12 : Lifelong learning.		
[Indicate Whether PO STATEMENT is relevant to the		
Information Science and Engineering Course]	46.20	Most fundamental subjects need to be
Very relevant	• 46.2% are very relevant.	reinforced through brush up and crash
• Relevant	• 46% are irrelevant.	courses in final year to attain life long
• Cant say		learning and helps in placements.
 Less relevant 		
 Least relevant 		
PSO 1: An ability to develop logical reasoning, coding		Current courses provide enough
skills, analysis and mathematical modeling.		coding skills but higher level of coding
[Indicate Whether PO STATEMENT is relevant to the		is to be introduced.
Information Science and Engineering Course]	• 69.2% are very relevant.	is to be introduced.
Very relevant	• • • • • • • • • • • • • • • • • • •	
• Relevant		
• Cant say		
• Less relevant		
- Lobb fold valit		

Least relevant		
PSO 2: Ability to modify, debug, test and adapt software modules for varied applications. [Indicate Whether PO STATEMENT is relevant to the Information Science and Engineering Course] • Very relevant • Relevant • Cant say • Less relevant • Least relevant	• 54% are very relevant.	Professional skills are acquired through real life activities ,conference, workshops, Presentation etc.

INFERENCE AND ACTION PLAN OF ACADEMIC SURVEY

QUESTIONNAIRE	SUMMARY	ACTION PLAN
Vision of the department: To equip students with latest skills in the field of Information Technology (I.T) and the proper professional and ethical values supplemented with practical orientation to face challenges of modern computing industry. Indicate how well do you agree with Vision of the department Strongly agree Agree Disagree	• 62% of the academicians strongly with the present vision, mission, remaining % of the academicians to modify the vision.	Whether 'latest skills 'could be substituted by competent is to be discussed and change to be made.
Do you suggest any changes in the vision? (Specify)	 To equip the students with the latest skills in the field of Information Technology (I.T) as the competent professional and ethical values supplemented with a practical orientation to face challenges of the modern computing industry. 	To develop competent Information Technology Engineers having complete Knowledge and skills in contemporary Information Technology practices.
Indicate how well do you agree with vision of the department Strongly agree Agree Disagree	• 62% have agreed vision stmt very relevant to ISE course.	Substituting practical orientation in the statement with contemporary IT Knowledge. To be changed in BOS and AC
Whether VISION STATEMENT is Mapped to the Information Science and Engineering Course Completely Mapped Partially Mapped Not Mapped	• 85% agreed vision stmt is mapped to ISE course.	As vision is mapped almost completely with minor points to be revised as stated above.
Mission of the department- Indicate how well do you agree with Mission of the department M1- To make the students technically superior and ethically strong who in turn shall advance the quality of life. Strongly agree Agree Disagree M2- To promote research and development in the frontier areas of Information technology. Strongly agree Agree Disagree M3- To generate competent professional to	 M1. 54% strongly agreed the present M1. Remaining portion have only agreed the M1 Statement. M2. 62% strongly agreed with the present M2 31% agreed & remaining portion cant say. M3. 62% strongly agreed with the present M3. Remaining % just agreed. 	Mission statements are meant for implementing vision therefore the following changes may be thought of from the survey • Technical superiority is to be implemented through contemporary curriculum and use of modern ICT tools. Therefore they are included as mission point • Facilities to be provided for exposure to best IT Practices is another mission point • 'Ethical and moral values' are retained separate mission point.

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become part of the industry and research organization at the national levels.		
AgreeDisagree		
Whether all MISSION STATEMENTS are relevant to the Information Science and Engineering Course Very relevant Less Relevant Not relevant	70% are agreed with present mission stmts which are relevant to ISE course.	Relevance is to be increased with appropriate change in focus as suggested above.
Whether all MISSION STATMENTs are Mapped to the Information Science and Engineering Course Completely Mapped Partially Mapped Not Mapped	93% academicians agreed with completely mapped with ISE course	A mission statements changes are also to be completely mapped to VISION of ISE Course
Do you suggest any changes in the Mission? (Specify)	 A small thought, in M3, do we need to specify "National Levels"? Can it be generalized? In place of superior competent would be better word in M1 To make students industrially competent is probably needed 	 M1. To develop contemporary curriculum in information technology delivered using Innovative teaching learning practices and ICT tools. M2. To provide facilities for relevant research and expose students to the best industry Practices in Information Technology. M3. To inculcate the best moral values and professional ethics in students.
Program Educational Objectives (PEOs) Indicate how well do you agree with each Program Educational Objectives (PEOs) PEO-1 Excel as Information Technology Professional with proficiency in designing solutions to Information Engineering problems. Very relevant Less Relevant Not relevant PEO-2 Pursue higher studies with the sound knowledge of basic concepts and skills in science and Information Technology disciplines Very relevant Less Relevant Less Relevant Not relevant Not relevant	62% have agreed all PEOs are very relevant to mission of the dept.	 It was felt that 'excel' for all would be unrealistic therefore 'develop into' was suggested in PEO-1 In PEO-2,was left untouched since a section of graduates always will have inclination of higher studies In PEO-3, the concepts of team working and collaborating for best output was suggested.

Exhibit medessionalism toom work and are a second		
Exhibit professionalism, team work and exposure to current trends towards continuous learning		
• Very relevant		
• Less Relevant		
Not relevant Note the DECOMPTONIES of the state of		A 1 C 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Whether all PEO STATEMENTs are relevant to the	1,770	As the feedback received agree with statements
Information Science and Engineering Course	• 85% are agreed PEO's are very relevant to	of PEOs essence is left is as it is and only specific
• Very relevant	ISE course.	words are changed
• Less Relevant		
Not relevant		
Do you suggest any changes in the PEOs ? (Specify)		
Whether all PEO STATEMENTs are Mapped to the		As the feedback received agree with statements
Information Science and Engineering Course	• 100% agreed PEO's stmt's are mapped to	of PEOs essence is left is as it is and only specific
Completely Mapped	ISE course.	words are changed
Partially Mapped		
Not Mapped		
PO1 : Engineering knowledge		ISE is taught to be applied to be applied science,
[Indicate Whether PO STATEMENT is relevant to the		hence more applicants like AI,ML and IOT etc
Information Science and Engineering Course]		are brought into syllabus
Very relevant	• 62% are very relevant to ISE course.	
• Relevant		
• Cant say		
 Less relevant 		
Least relevant		
PO2 : Problem Analysis		Current courses provide enough Problem Solving
[Indicate Whether PO STATEMENT is relevant to the		opportunities as seen by near 90% relevance.
Information Science and Engineering Course]		
Very relevant	 69% are very relevant to ISE course. 	
• Relevant		
• Cant say		
 Less relevant 		
Least relevant		
PO 3:Design & development of solution		Current courses provide enough 'design and
[Indicate Whether PO STATEMENT is relevant to the		development opportunities as seen by near 90%
Information Science and Engineering Course]		relevance.
Very relevant	600/ and very relevant to ISE accord	
 Relevant 	• 69% are very relevant to ISE course.	
• Cant say		
 Less relevant 		
 Least relevant 		
PO 4:Conduct investigation of complex problem	540/ 1	Several Opportunities are provided in current
[Indicate Whether PO STATEMENT is relevant to the	• 54% have agreed very relevant.	curriculum for attaining this PO
Information Science and Engineering Course]		

Very relevant		
• Relevant		
• Cant say		
 Less relevant 		
Least relevant		
PO 5:Modern tool usage		Modern ICT Tools are to be introduced to
[Indicate Whether PO STATEMENT is relevant to the		students.
Information Science and Engineering Course]		• This is being continuously done in
Very relevant	 69% have agreed very relevant. 	Microcontroller, DBMS, IoT, BDA, CN
• Relevant		etc. courses.
• Cant say		
 Less relevant 		
 Least relevant 		
PO 6: Engineering & Society		Mini project and Major project are significant
[Indicate Whether PO STATEMENT is relevant to the		contributors to societal addressing by engineering
Information Science and Engineering Course]		students and they will be more people friendly.
 Very relevant 	160/1	
• Relevant	 46% have agreed very relevant 	
 Cant say 		
 Less relevant 		
 Least relevant 		
PO 7:Environmental & system relative		Concern about Environment and its preservation
[Indicate Whether PO STATEMENT is relevant to the		are also mainly addressed through socially
Information Science and Engineering Course]		relevant projects.
Very relevant	• 38.5% have agreed very relevant.	
 Relevant 	E ,	
Cant say		
 Less relevant 		
 Least relevant 		
PO 8: Ethics		This PO is having scope of address only in
[Indicate Whether PO STATEMENT is relevant to the		humanities component of syllabus and through
Information Science and Engineering Course]		certain assignments etc. in some courses.
Very relevant	• 62% are very relevant.	
• Relevant	0278 are very relevand	
• Cant say		
• Less relevant		
Least relevant		
PO 9: Individual & term work		Team work to be strengthened by giving more
[Indicate Whether PO STATEMENT is relevant to the		group assignments and class activities etc.
Information Science and Engineering Course]	• 69.2% are very relevant.	
• Very relevant	osizio die very referanti	
Relevant		
• Cant say		
		I.

Less relevant		
Least relevant		
PO 10: Communication [Indicate Whether PO STATEMENT is relevant to the Information Science and Engineering Course]		Communication is addressed in first year courses. Also some training programs are conducted for soft skills
Very relevant	• 54% are very relevant.	SOIT SKIIIS
Relevant	54% are very relevant.	
• Cant say		
Less relevant		
Least relevant		
PO 11:Project Management & finance		It needs to be augmented with project execution
[Indicate Whether PO STATEMENT is relevant to the		also an open elective is to be made available for
Information Science and Engineering Course]		project management.
Very relevant	• 54% are very relevant.	
Relevant	5 170 are very relevanta	
Cant say		
 Less relevant 		
Least relevant		
PO 12 : Lifelong learning.		Most fundamental subjects need to be reinforced
[Indicate Whether PO STATEMENT is relevant to the		through brush up and crash courses in final year
Information Science and Engineering Course]	• 46.2% are very relevant.	to attain life long learning and helps in
Very relevant	• 46% are irrelevant.	placements.
Relevant	40% are melevant.	
• Cant say		
Less relevant		
Least relevant		
PSO 1 : An ability to develop logical reasoning, coding		Current courses provide enough coding skills but
skills, analysis and mathematical modeling		higher level of coding is to be introduced.
[Indicate Whether PO STATEMENT is relevant to the		
Information Science and Engineering Course]	• 69.2% are very relevant.	
Very relevant	05.270 dz 0 1019 1010 (dz)	
• Relevant		
• Cant say		
• Less relevant		
Least relevant		
PSO 2: Ability to modify, debug, test and adapt		Professional skills are acquired through real life
software modules for varied applications [Indicate		activities ,conference, workshops, Presentation
Whether PO STATEMENT is relevant to the Information	540/	etc.
Science and Engineering Course]	• 54% are very relevant.	
Very relevant		
• Relevant		
• Cant say		
Less relevant		

Least relevant				
Most of the academician suggested following subject to be		The following subjects are introduced in the		
introduced in the curriculum.	curriculum			
Machine learning	Subject	Year	Sem	Lab/Theory/Elective
Artificial Intelligence	Data	2017-	7 th	Lab
Block chain technology	Mining and	18		
Natural language processing	Machine			
Python	Learning			
Network security lab	Tools Lab		-4	
• Embedded systems & IOT.	Machine	2018-	8 th	Theory
	Learning	19		
	Machine			Lab
	Learning			
	Lab			
	Artificial			Elective
	Intelligence			
	Python	2017-	7 th	Lab
	Data	18		
	Mining and			
	Machine			
	Learning			
	Tools Lab)			
	Embedded		8 th	Elective
	systems &			
	IOT			

INFERENCE AND ACTION PLAN OF EMPLOYER SURVEY

QUESTIONNAIRE	SUMMARY	ACTION PLAN		
Vision of the department: To equip students with latest skills in the field of Information Technology (I.T) and the proper professional and ethical values supplemented with practical orientation to face challenges of modern computing industry. Indicate how well do you agree with Vision of the department Strongly agree	 62% have agreed vision of the dept. 38% have strongly agreed vision of the dept. 	Whether 'latest skills 'could be substituted by competent is to be discussed and change to be made.		
AgreeDisagree				
Do you suggest any changes in the vision? (Specify)				
Indicate how well do you agree with vision of the department Strongly agree Agree Disagree	• 62% have agreed vision stmt very relevant to ISE	Substituting practical orientation in the statement with contemporary IT Knowledge. To be changed in BOS and AC		
Whether VISION STATEMENT is Mapped to the Information Science and Engineering Course Completely Mapped Partially Mapped Not Mapped	• 85% agreed vision stmt is mapped to ISE course.	As vision is mapped almost completely with minor points to be revised as stated above.		
Mission of the department- Indicate how well do you agree with Mission of the department M1- To make the students technically superior and ethically strong who in turn shall advance the quality of life. • Strongly agree • Agree • Disagree M2- To promote research and development in the frontier areas of Information technology. • Strongly agree • Agree • Disagree M3- To generate competent professional to become part of the industry and research organization at the national levels. • Strongly agree • Agree • Agree • Disagree	 57% have only just agreed. Remaining strongly agreed. 	Mission statements are meant for implementing vision therefore the following changes may be thought of from the survey • Technical superiority is to be implemented through contemporary curriculum and use of modern ICT tools. Therefore they are included as mission point • Facilities to be provided for exposure to best IT Practices is another mission point • 'Ethical and moral values' are retained separate mission point.		

Whether all MISSION STATEMENTS are relevant to the Information Science and Engineering Course Very relevant Less Relevant Not relevant Whether all MISSION STATMENTs are Mapped to the	• 70% are agreed with present mission stmts which are relevant to ISE	Relevance is to be increased with appropriate change in focus as suggested above. A mission statements changes are also to be
 Information Science and Engineering Course Completely Mapped Partially Mapped Not Mapped 	• 93% academicians agreed with completely mapped with ISE	completely mapped to VISION of ISE Course
Do you suggest any changes in the Mission ? (Specify)	Changes as above	Changes carried out as mentioned
Indicate how well do you agree with each Program Educational Objectives (PEOs) PEO-1 Excel as Information Technology Professional with proficiency in designing solutions to Information Engineering problems. Very relevant Less Relevant Not relevant PEO-2 Pursue higher studies with the sound knowledge of basic concepts and skills in science and Information Technology disciplines Very relevant Less Relevant Not relevant PEO-3 Exhibit professionalism, team work and exposure to current trends towards continuous learning Very relevant Less Relevant Not relevant Less Relevant Not relevant	 PEO 1: 71% have said very relevant to ISE course. PEO 2: 76% have said very only just relevant to ISE PEO 3: 62% have just said relevant to ISE course. 	 It was felt that 'excel' for all would be unrealistic therefore 'develop into' was suggested in PEO-1 In PEO-2,was left untouched since a section of graduates always will have inclination of higher studies In PEO-3, the concepts of team working and collaborating for best output was suggested.
Whether all PEO STATEMENTs are relevant to the Information Science and Engineering Course Very relevant Less Relevant Not relevant	• 85% are agreed PEO's are very relevant to ISE	As the feedback received agree with statements of PEOs essence is left is as it is and only specific words are changed
Whether all PEO STATEMENTs are Mapped to the Information Science and Engineering Course Completely Mapped Partially Mapped	• 100% agreed PEO's stmt's are mapped to ISE	and only specific words are changed

Not Mapped					
Do you suggest any changes in the PEOs? (Specify)	• 67% -NO				
Most of the Employers suggested following subject to be introduced in the curriculum.		The following curriculum-	g subjects	s are int	roduced in the
Machine learning		Sub	Year	Sem	Lab/Theory
 Artificial Intelligence Python Embedded systems & IOT. 		Data Mining and Machine Learning Tools Lab	2017- 18	7 th	Lab
		Machine Learning	2018- 19	8 th	Theory
		Machine Learning Lab			Lab
		Artificial Intelligence			Elective
		Python (Data Mining and Machine Learning Tools Lab)	2017-	7 th	Lab
		Embedded systems & IOT		8 th	Elective
PO1 : Engineering knowledge [Indicate Whether PO STATEMENT is relevant to the Information Science and Engineering Course]			e more ap	plicants	to be applied like AI,ML and is
 Very relevant Relevant Cant say Less relevant Least relevant 	• 38% agreed very relevant to ISE course.				
PO2: Probem Analysis [Indicate Whether PO STATEMENT is relevant to the Information Science and Engineering Course]	48% agreed very relevant to ISE course.43% agreed just relevant to ISE course.				ough Problem by near 90%
Very relevantRelevant					

Cant say		
Less relevant		
Least relevant		
PO 3:Design & development of solution [Indicate Whether PO STATEMENT is relevant to the Information Science and Engineering Course]		Current courses provide enough 'design and development opportunities as seen by near 90% relevance.
 Very relevant Relevant Cant say Less relevant Least relevant 	 48% agreed very relevant to ISE course. Remaining % are relevant. 	
PO 4:Conduct investigation of complex problem [Indicate Whether PO STATEMENT is relevant to the Information Science and Engineering Course]		Several Opportunities are provided in current curriculum for attaining this PO
 Very relevant Relevant Cant say Less relevant Least relevant 	57% agreed just relevant.43% are very relevant	
PO 5:Modern tool usage [Indicate Whether PO STATEMENT is relevant to the Information Science and Engineering Course] • Very relevant • Relevant • Cant say • Less relevant • Least relevant	 43% agreed very relevant to ISE course. 43% agreed relevant to ISE course. 10% agreed least relevant to ISE course. 	 Modern ICT Tools are to be introduced to students. This is being continuously done in Microcontroller, DBMS, IoT, BDA, CN etc. courses.
PO 6: Engineering & Society [Indicate Whether PO STATEMENT is relevant to the Information Science and Engineering Course] • Very relevant • Relevant • Cant say • Less relevant • Least relevant	67% relevant.19% very relevant.9.5% least relevant.	Mini project and Major project are significant contributors to societal addressing by engineering students and they will be more people friendly.
PO 7:Environmental & system relative [Indicate Whether PO STATEMENT is relevant to the Information Science and Engineering Course]	57% relevant33% very relevant.4.8% least relevant.	Concern about Environment and its preservation are also mainly addressed through socially relevant projects.
 Very relevant 		

• Relevant		
• Cant say		
Less relevant		
Least relevant		
PO 8: Ethics		This PO is having scope of address only in
[Indicate Whether PO STATEMENT is relevant to the		humanities component of syllabus and through
Information Science and Engineering Course]		certain assignments etc. in some courses.
amerimanies serence and Engineering secures [• 48% very relevant.	Contain assignments con in some courses.
Very relevant	• 48% relevant.	
Relevant	 Remaining % less relevant. 	
• Cant say		
Less relevant		
Less relevant Least relevant		
PO 9: Individual & term work		Team work to be strengthened by giving more
[Indicate Whether PO STATEMENT is relevant to the		group assignments and class activities etc.
Information Science and Engineering Course]	• 52% relevant.	
	• Remaining % very relevant.	
Very relevant	Remaining 70 very relevant.	
Relevant		
• Cant say		
 Less relevant 		
Least relevant		
PO 10: Communication		Communication is addressed in first year
[Indicate Whether PO STATEMENT is relevant to the		courses. Also some training programs are
Information Science and Engineering Course]		conducted for soft skills
	• 57% relevant	
Very relevant	• Remaining % are relevant.	
Relevant	Ç	
• Cant say		
 Less relevant 		
Least relevant		
PO 11:Project Management & finance		It needs to be augmented with project
[Indicate Whether PO STATEMENT is relevant to the		execution also an open elective is to be made
Information Science and Engineering Course]		available for project management.
	• 86% relevant	
Very relevant	• Remaining % very relevant.	
Relevant	remaining /v very relevant.	
• Cant say		
Less relevant		
Least relevant		
PO 12 : Lifelong learning.		Most fundamental subjects need to be
[Indicate Whether PO STATEMENT is relevant to the	• 43% relevant.	reinforced through brush up and crash courses
Information Science and Engineering Course]	• 43% very relevant.	in final year to attain life long learning and
information beforee and Engineering Course]	 Remaining % cant say. 	helps in placements.
	<u> </u>	neips in placements.

 Very relevant Relevant Cant say Less relevant Least relevant 		
PSO 1: An ability to develop logical reasoning, coding skills, analysis and mathematical modeling. [Indicate Whether PSO STATEMENT is relevant to the Information Science and Engineering Course] • Very relevant • Relevant • Cant say • Less relevant • Least relevant	62% relevant.Remaining % very relevant.	Current courses provide enough coding skills but higher level of coding is to be introduced.
PSO 2: Ability to modify, debug, test and adapt software modules for varied applications. [Indicate Whether PSO STATEMENT is relevant to the Information Science and Engineering Course] • Very relevant • Relevant • Cant say • Less relevant • Least relevant	62% relevantRemaining % very relevant.	Professional skills are acquired through real life activities ,conference, workshops, Presentation etc.