

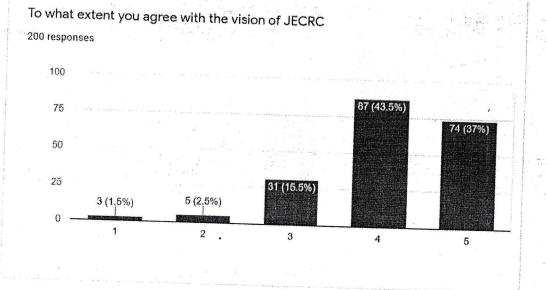
Jaipur Engineering college and research

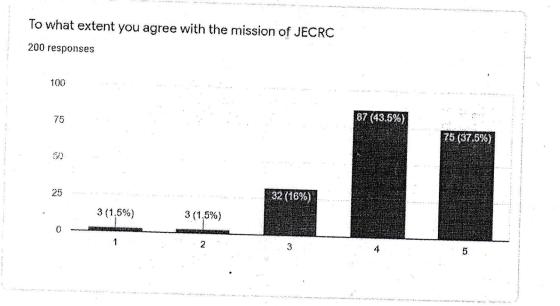
centre, Shri Ram ki Nangal, via Sitapura

RIICO Jaipur- 302 022.

Academic year-2019-20

Students feedback – Program Exit 2019-20

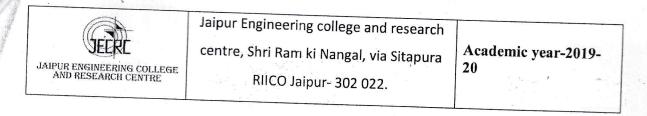




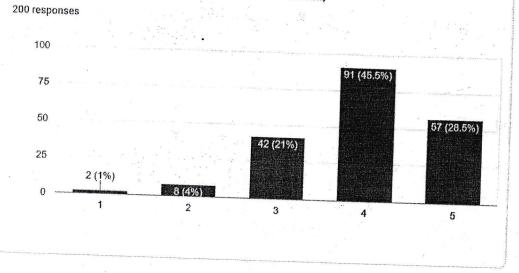
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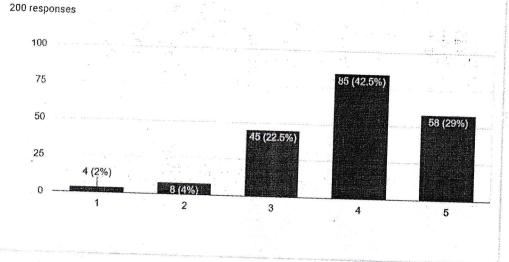
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Up to what extent Vision and Mission of Department are taking care of all the needs of stack holders (Students/Parents/Alumni)

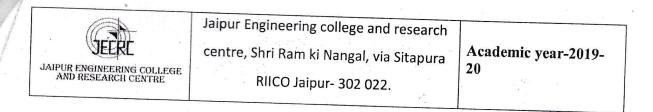


To what extent you achieve: PO1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

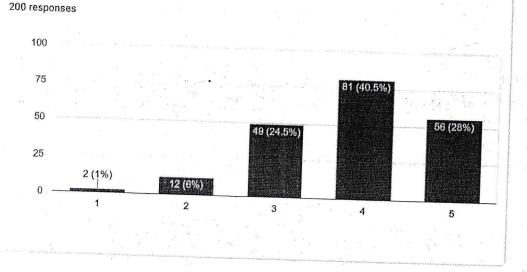


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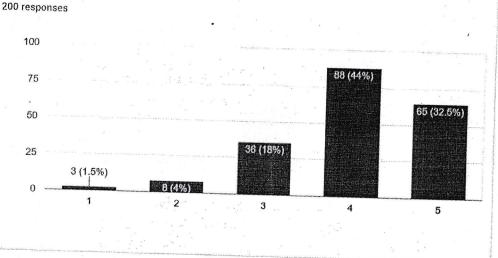
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To what extent you achieve: PO2: Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.



To what extent you achieve: PO3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.



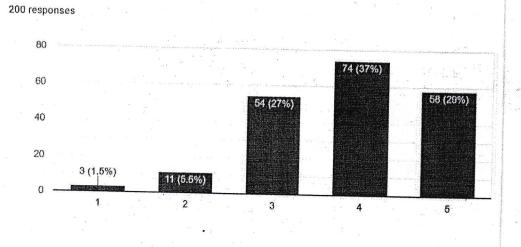
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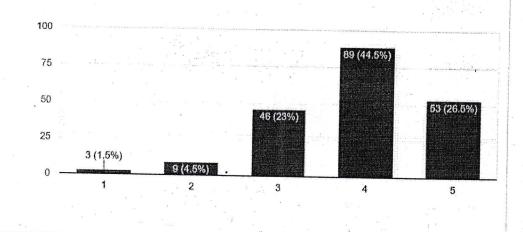
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Academic year-2019-20

To what extent you achieve: PO4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.



To what extent you achieve: PO5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.



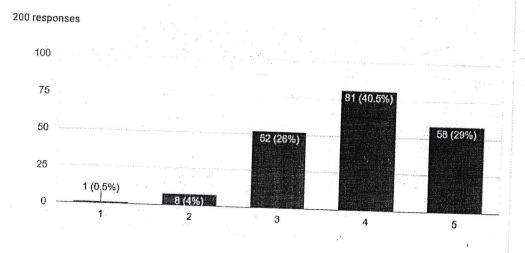
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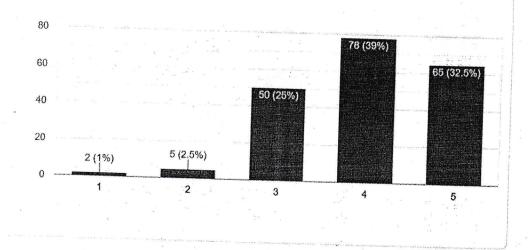
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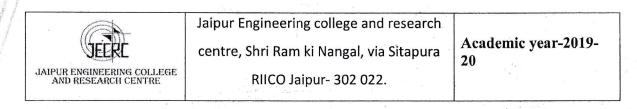
Academic year-2019-20

To what extent you achieve: PO6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

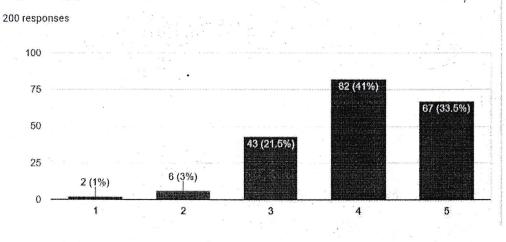


To what extent you achieve: PO7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development. 200 responses

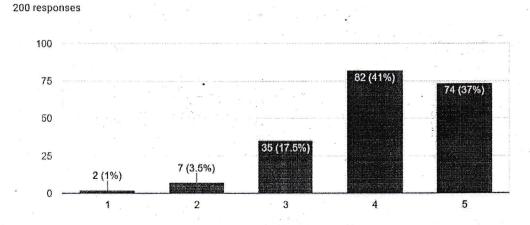




To what extent you achieve: PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.



To what extent you achieve: PO9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.





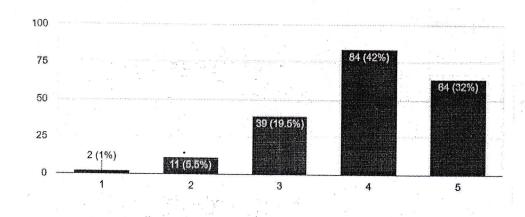
200 responses

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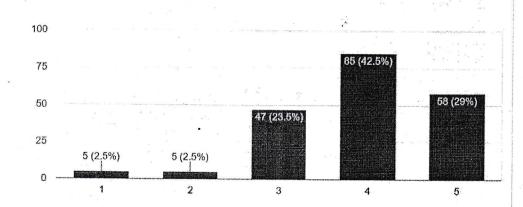
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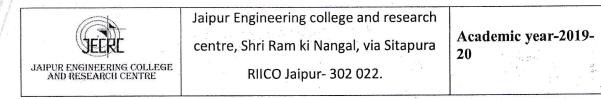
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To what extent you achieve: PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions. 200 responses



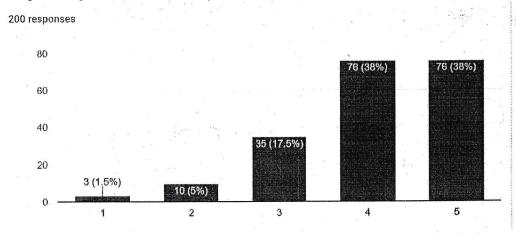
To what extent you achieve: PO11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.





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To what extent you achieve: PO12: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.



Program Exit Feedback forms received from students and summary as follows

Parameters	Responses(In %)		Action taken
	≥60 .	<60	
To what extent you agree with the vision of JECRC	96	4	Majority of the parents agreed with the Vision statement of JECRC
To what extent you agree with the mission of JECRC	97	3	Majority of the parents agreed with the Mission statement of JECRC
Up to what extent Vision and Mission of Department are taking care of all the needs of stack holders (Students/Parents/Alumni)	95	5	Planned and proposed more Alumni meet, Parents interaction including all stackholders.
To what extent you achieve: PO1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	94	6	Students are assigned mini projects for complex engineering problem and proper guidance are proposed to achieve PO1.
To what extent you achieve: PO2: Problem	93	7	Students are motivated to write research papers including complet

	Jaipur Engineering college and research	<i>I</i> .
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analysis: Identify,		engineering	problems,	natural
analysis. Identify,		engineering	problems,	natural

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JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE	Jaipur Engineering college and research centre, Shri Ram ki Nangal, via Sitapura RIICO Jaipur- 302 022.	Academic year-2019- 20

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formulate, research			sciences, and engineering sciences to
literature, and analyze			achieve PO2.
complex engineering	2	2 2 8 X 2	i ali i stati agrifica possessi i sente di sente
problems reaching		8	
substantiated conclusions	а.,		
using first principles of			
mathematics, natural			
sciences, and engineering		a ¹⁴	
sciences.	ļ	17 - 18 ¹ - 1	
To what extent you	94.5	5.5	More workshops are planned in the
achieve: PO3:			area of Public Health and safety, and
Design/development of			the cultural, societal. Also awareness
solutions: Design			session is arranged on Environment
solutions for complex		× 1.	& Sustainability to achieve PO3.
engineering problems and			
design system components	* 1 ₁₀₀ *		
or processes that meet the			
specified needs with			
appropriate consideration			
for the public health and,			
and environmental			
considerations.	- (10) (1 - 10)		
To what extent you	93	7	Students are motivated to write
achieve: PO4: Conduct	× - 4		research papers and mini projects
investigations of complex			including design of experiments,
problems: Use	· ·	2	analysis and interpretation of data
research-based knowledge	* *	1 n - E 12	and also planned guest lecturers to
and research methods			achieve PO4.
including design of	-		
experiments, analysis and			
interpretation of data, and			
synthesis of the		14 (K. 18)	
information to provide	-	8	
valid conclusions.	š		
To what extent you	94	6	Faculties are motivated to use of ICT
achieve: PO5: Modern	74	U	based tools and proper training are
tool usage: Create, select,	5. S		suggested to achieve PO5.
and apply appropriate	н. 		suggested to achieve 1 05.
techniques, resources, and		a.	
modern engineering and			
IT tools including		, E	
prediction and modeling to		21 a	
complex engineering	а з	и 	
activities with an			
westernanderman anderstanderen 1913 anderstandere inderstende	a.		
understanding of the	5-0 - 1-1-		
limitations.	05.5		
To what extent you	95.5	4.5	More workshops are planned in the
achieve: PO6: The			area of Public Health and safety, and
engineer and society:			the cultural, societal. Also awareness

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Apply reasoning informed	session is arranged on Environment

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by the contextual	1 m		& Sustainability to achieve PO6.
knowledge to assess	2		
societal, health, safety,	1. s		
legal and cultural issues			
and the consequent	•3-		
responsibilities relevant to	· · · .	N 2	· *
the professional			
engineering practice.			
To what extent you	96.5	3.5	Students are assigned mini projects
achieve: PO7:		0.0	in the area of Human values,
Environment and			professional ethics
sustainability: Understand		н 19 - 19 - 19	Also awareness session is arranged
the impact of the		504 1	on Environment & Sustainability to
professional engineering			achieve PO7.
solutions in societal and			acineve PO7.
	•		
environmental contexts,		141 J.	
and demonstrate the	a . 1		is a second s
knowledge of, and need			
for sustainable			
development.			
To what extent you	96	4	Along with placement activities
achieve: PO8: Ethics:			different ethical sessions are planned
Apply ethical principles		3 - 2 - 80	for students to improve professional
and commit to	1	2 S.	ethics and responsibilities to achieve
professional ethics and			PO8.
responsibilities and norms	4	×	
of the engineering			
practice.			tur e
To what extent you	95.5	4.5	Project based competitions are
achieve: PO9: Individual			planned like SIH and SBH are
and team work: Function	- 19 - 19 - 19 - 19 - 19 - 19 - 19 - 19		discussed and planned to improve
effectively as an			team spirit and leadership skills.
individual, and as a			
member or leader in	0		
diverse teams, and in	· · ·	а. q.,	
multidisciplinary settings.	* a	8	
To what extent you	93.5	6.5	Soft skills workshops are planned
achieve: PO10:	0.0	0.5	and discussed with principal to
Communication:	en t	а 	achieve PO10.
	2		
Communicate effectively			
on complex engineering			N
activities with the			
engineering community			2 ¹
and with society at large,			
	1 4 5 4 5		
such as, being able to	· ·		
comprehend and write			a de la serie d
comprehend and write effective reports and	•	-	
comprehend and write			

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE	Jaipur Engineering college and research centre, Shri Ram ki Nangal, via Sitapura RIICO Jaipur- 302 022.	Academic year-2019- 20
presentations, and gi	ve	

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Academic year-2019-20

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	and receive clear			
	instructions.			
	To what extent you achieve: PO11: Project	95	5	Sessions to conduct Group discussions and extempore in
	management and finance: Demonstrate knowledge	* ² 8 1		multidisciplinary environments to achieve PO11.
	and understanding of the engineering and			achieve rorr.
	management principles	**	i ana	
	and apply these to one's own work, as a member	а Ча		
	and leader in a team, to manage projects and in			
	multidisciplinary environments.	•		
ł	To what extent you	93.5	6.5	Students are motivated to engage in
	achieve: PO12: Life-long learning: Recognize the			independent and lifelong learning for context of technological change.
	need for, and have the preparation and ability to			
	engage in independent and lifelong learning in the	5	а с 1	
	broadest context of		e - 1	
L	technological change.			

Head of the Department Computer Science & Engineering JECRC, Jalpur

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