ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Affiliated to VTU, Belagavi. Approved by AICTE & Recognized by Government of Karnataka) Shobhavana Campus, Mijar - 574225, Moodabidire, Dakshina Kannada, Karnataka, India



Department of Information Science & Engineering

Report on

Feedback Analysis Report on Curriculum
[2019-20]

Content

SL No.	Content	Page no.
1	Student Feedback Form	
	1.1 Student's Feedback form on curriculum	4
	1.2 Feedback Analysis Report	5
2	Faculty Feedback Form	
	2.1 Faculty Feedback form on Curriculum	6
	2.2 Feedback Analysis Report	7
3	Alumni Feedback Form	
	3.1 Alumni Feedback Form on Curriculum	8
	3.2 Feedback Analysis Report	9
4	Employer Feedback Form	
	4.1 Employer Feedback form on Curriculum	10
	4.2 Feedback Analysis Report	11

Quality vs. quantity has long been a debate topic. Students, as crucial stakeholders, are concerned about the predicted consequences. As the technical education scenario shifts from an output-based to an outcome-based one, quality in such procedures must be addressed. We must guarantee that the result parameters are mapped in relation to the objectives and that the programmes are aligned with national policies in light of the global trend. Stakeholder satisfaction, including students, professors, alumni, and employers, has always been a struggle. Because quality is a metric for success, there is always room for improvement in every system.

Alvas Institute of Engineering and Technology, Mijar, being unique from its very inception and foundation, has emerged as a benchmark of excellence and innovation for the world of education. With quality sustenance as its focus, the IQAC of the college has developed the feedback mechanism commencing with obtaining feedback from the various stakeholders through a structured rating based feedback form. The college draws feedback from students, teachers, alumnae and employers from respective department for continuous improvement in curriculum development and enrichment.

Feedback is gathered from all stakeholders in our Institute through an offline approach. Following the collection of data from stakeholders, the response sheet is prepared and analysed using preset parameters. Departments take necessary action based on the report. The department sends a copy of the report, together with the action performed, to the Internal Quality Assurance Cell (IQAC) for any additional action that is necessary.

- Initiation of Feedback collection from IQAC
- Feedback from relevant stack holders is gathered using the IQAC provided template.
- Prepare the Analysis Report and Submit to IQAC
- With Review of Feedback analysis, strategic perspective plan(SPP) for next Academic Year is prepared
- With reference to SPP from IQAC, curriculum is design for next Academic Year
- Action Taken Report is prepared with reference to SPP

Figure 1: Feedback Analysis Process

The primary goal of this feedback is to guarantee that every student has access to competent and high-quality instruction, which leads to vigorous academic, social, and personal development. The IQAC analyses the activities as well as other quality efforts on a regular basis. We must consistently adopt such Quality Initiatives into our processes and adhere to them in letter and spirit in order to satisfy stakeholders.

1.0 Student Feedback Form

The IQAC creates a feedback form, which is distributed to all departments for response collection.

1.1 Student's Feedback form on curriculum



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			STUDENTS FEEDBACK FO	RM				
Name	of the Student	USN	Branch			Academic Year		
Inorde share	r to improve the effectiven your valuable feedback and	ess of the designed syllabus a d responses	and to meet the needs of the contr	emporary advance	ements in	the field of engir	neering, you are	requested t
SI. No		Feedback Question		Strongly Agree	Agree	Neutral	Disagree	Strongly
1.	Contents in syllabus are r	elevant to the course.		- Conce				Disagree
2.	Syllabus is updated based	on the need and is career or	ented.					
3,	Aims and objectives of the syllabus are well defined and clear.		d clear.					
4.	Course content is followe	d by corresponding reference	materials.		***			
5.	Sufficient number of pres	cribed books is available in the	e Library.			-		
6.	The syllabus has good bal	ance between theory and app	lication.					18000 1
7.	The course increased kno	wledge and prespective in the	subject area.		N AND			
8.	The curriculum ensures st	udent participation in learning	g process.					
9.	The curriculum creates so	cial awareness among the stu	dents.			-		
10.	The curriculum is sufficien	nt to cover the program /cours	se outcomes.					
11.	Comments/Suggestion:							

Figure 1.1: Student Feedback Form

Contents in syllabus are relevant to the course. Syllabus is updated based on the head and is career oriented.		
Simplifies the effectiveness of the designed syllabus and to meet the needs of the contemporary advancements in the field size your valuable feedback and responses Si. No. Feedback Question Strongly Agree Ne Contents in syllabus are relevant to the course. Z. Syllabus is updated based on the need and is career oriented.	of engineering, you	
Si No Feedback Question Strongly Agree Ne Contents in syllabus are relevant to the course. Syllabus is updated based on the need and is career oriented.	Which was the light	
Contents in syllabus are relevant to the course. Syllabus is updated based on the need and is career oriented.	utral Disagree	
2. Syllabus is updated based on the need and is career priented.		Strongly
3. Alms and objectives of site syllabus are well defined and clear.	dia a	0.00
Course content is followed by corresponding reference materials.		
5 Sufficient number of prescribed books is available in the Library.		
6. The syllabus has good balance between theory and application.	A strain and	
7. The course increased knowledge and prespective in the subject area.		
The curriculum ensures student participation in learning process.		
9. The curriculum creates social awareness among the students.	A STATE OF	
0. The curriculum is sufficient to cover the program /course outcomes		
Comments/supertion with culum interding Exposer to New Industry too	1900 300,000	20.00
Transfer to the Transfer too	8 May be	In Cadpado

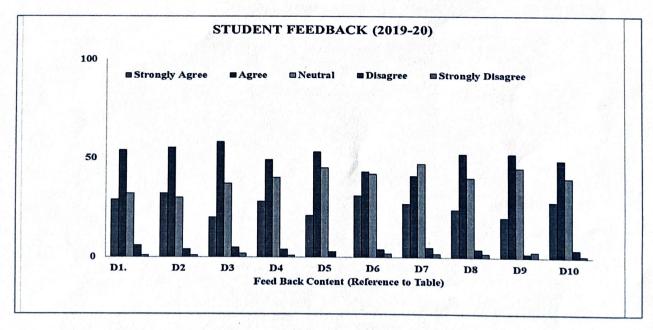
Figure 1.2: Shows the sample copy of Feedback response

1.2 Feedback Analysis report

An attempt was made to solicit opinions from all college 2nd, 3rd & 4th Year students of AY 2019-20. A feedback form had been prepare from IQAC for this purpose, and comments from the students had been solicited. A total of 122 responses have been gathered from students To achieve complete findings, important statistical methods such as percentages, etc., were employed. Various sorts of graphs have been utilised to effectively portray the facts.

95.4% of students judged the curriculum to be very helpful in improving teamwork, developing analytical abilities, and encouraging constructive learning, while 4.6% of students anticipate curriculum improvement and speedy resolution..

	STUDENT FEEDBACK 201	19-20		m. Visit	tel a claim?		4.5		
	Total Student 122	100% of	total stu	dent are	provivded	feedback			Aug/
Sl. No	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total	(A+B+C) / Total	(D+E)/ Total
		A	В	С	D	E			
D1.	Contents in syllabus are relevant to the course.	29	54	32	6	1	122	94.3%	5.7%
D2	Syllabus is updated based on the need and is career oriented.	32	55	30	4	1	122	95.9%	4.1%
D3	Aims and objectives of the syllabus are well defined and clear.	20	58	37	5	2	122	94.3%	5.7%
D4	Course content is followed by corresponding reference materials.	28	49	40	4	1	122	95.9%	4.1%
D 5	Sufficient number of prescribed books is available in the Library.	21	53	45	3	0	122	97.5%	2.5%
D6	The syllabus has good balance between theory and application.	31	43	42	4	2	122	95.1%	4.9%
D7	The course increased knowledge and prespective in the subject area.	27	41	47	5	2	122	94.3%	5.7%
D8	The curriculum ensures student participation in learning process.	24	52	40	4	2	122	95.1%	4.9%
D9	The curriculum creates social awareness among the students.	20	52	45	2	3	122	95.9%	4.1%
D10	The curriculum is sufficient to cover the program/course outcomes.	28	49	40	4	1	122	95.9%	4.1%
2011		377776		1. 12.24	630.6236			95.4%	4.6%



- Curriculum need to focus on societal problem solving concepts.
- Curriculum needs to be updated w.r.t industry needs in terms of usage of new tools.
- Curriculum may be more focused on practical approach in line with theory concepts.

2. Faculty Feedback form

The IQAC creates a feedback form, which is distributed to all departments for response collection.

2.1 Faculty Feedback form on curriculum



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			FACULTY FEEDBACK FORM					
Name	of the Faculty	Branch	Designation			Academic Year		
Inordi Share	er to improve the effective your valuable feedback an	ness of the designed syllabus and diresponses	to meet the needs of the contem	porany advanc	ements in	the field of engl	neering, you are	requested t
SI. No		Feedback Question	*	Strongly Agree	Agree	Neutral	Disagree	Strongly
1.	Syllabus is relevant to th	e course and is career oriented.						-
2	Syllabus is updated regu	larly as per the industry needs.			-	+		
3.	Course objectives and or	utcomes are clearly defined.			-	-		-
4.	Course content is follow	ed by sufficient reference materia	is.			-		
5.	The course has a good b	alance between theory and applic	ations.		-			
6.	Teacher has the freedon	to adopt new techniques/strateg	ries in teaching.					
7.	The curriculum ensures	student participation in learning p	rocess.		-			
8.	The curriculum creates s	ocial awareness among the studer	nts.		-			-
9.	The curriculum is sufficie	nt to cover the program /course o	ndcomes.					
reterioren	Comments/Suggestion:				-			-

Figure 2.1: Shows the Faculty Feedback Form

			FACILITY FEEDBA					
Nome	o of the Faculty	Branch		Enation	-	Academic Year		
1	VALESH OF B	#3E		Past Paclager		2019 -	7.0	
Thord	or to improve the effectivence	es, of the designed syllabus and to		NAME OF TAXABLE PARTY OF TAXABLE PARTY.	Manager and State of Street, St	the field of engi	THE PROPERTY OF THE PROPERTY O	requisted to
SI. No	AND AND RESERVED TO THE PROPERTY OF THE PROPER	Feedback Question		Strongly	Agree	Neutral	Disagree	Strongly
1	Soliebup, is relevant to the o	course and is career priemed.		Agree				Disagres
	Syllation is updated regularly	ly as per the industry needs.						
1	Course objectives and outco	omes are clearly defined.		- i				
	Course content is followed to	by sufficient reference motorials.						
	The course has a good balan	nce between theory and applicati	one	HAN MEN		100		Total State
	Teacher has the freedom to	adopt new techniques/strategie	s in teaching		100			
7	The curriculum ensures stud-	lest participation in learning proc	-	OF STREET		1		1
	The curriculum creates socia	awareness among the students				10	77.5	
	The curriculum is sufficient to	o cover the program / course out	COMMS.		~	N TO SEC		
	Comments/Suggestion: C	umirulian muds t	o leur on	Serval aux	HUNUM	amena t	to stella	

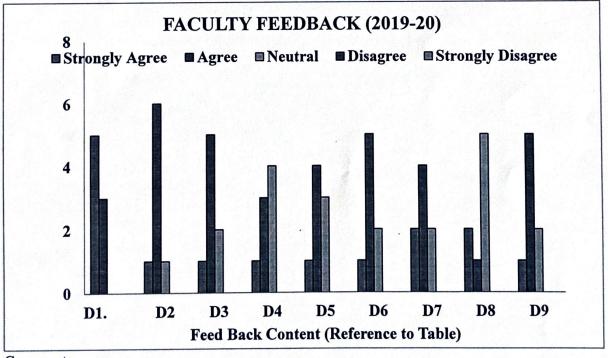
Figure 2.2 : Shows the sample copy of Feedback response

2.1 Feedback Analysis Report

An effort was made to receive feedback from all department faculties of the college during AY 2019-20. For this purpose, feedback form had been prepared and taken feedback. As many as 8 responses have been collected from the faculties on Syllabus. In order to arrive to comprehensive results, useful statistical tools like percentage, etc. have been used. For the effective presentation of the data, various types of graphs have been used.

100% faculties found curriculum to be very effective in enhancing team work, developing analytical skills and constructive learning and 0% faculties are expecting improvement in curriculum and resolving it timely

	FACULTY FEEDBACK 20	19-20						100	100
11111	Total Faculty: 8	100%	of total fa	aculties p	rovided	the feedb	ack		
SI. No		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total	A+B+C/ total	C+D/ TOTAL
`		A	В	C	D	E		total	TOTAL
D1.	Syllabus is relevant to the course and is career oriented.	5	3	0	0	0	8	100%	0%
_	Syllabus is updated regulary as per the industry needs.	1	6	1	0	0	8	100%	0%
	Course objectives and outcomes are clearly defined.	1	5	2	0	0	8	100%	0%
D4	Course content is followed by sufficient reference materials.	1	3	4	0	0	8	100%	0%
D5	The course has a good balance between theory and applications.	1	4	3	0	0	8	100%	0%
D6	Teacher has the freedom to adopt new techniques/strategies in teaching.	1	5	2	0	0	8	100%	0%
D7	The curriculum ensures student participation in learning process.	2	4	2	0	0	8	100%	0%
D8	The curriculum creates social awareness among the students.	2	1	5	0	0	8	100%	0%
D9	The curriculum is sufficient to cover the program /course outcomes.	1	5	2	0	0	8	100%	0%
					144	Aver	rage	100%	0%



Comments

- New industry oriented tools may be incorporated in curriculum.
- Industrial visit may be given some credits in curriculum.
- Research oriented concepts may be included in syllabus.
- Professional ethics oriented subjects may be included in syllabus. knowledge

3. Alumna Feedback

The IQAC creates a feedback form, which is distributed to all departments for response collection

3.1 Alumni Feedback form on curriculum



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			ALUMINI FEEDBACK FORM	20						
Name o	of the Respondent	Branch	Batch	Batch Scheme						
SI. No		Questions					Response			
				Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree		
1.	Content of the curriculum	is need based.			*******		3			
2.	Core courses in the curriculum are adequate.									
3.	Elective courses in the curriculum are sufficient.									
4.	Ample practical content in the curriculum.		The state of the s	31.77	440					
5.	Useful curriculum for Entrepreneurial development.			1000						
6.	Effective curriculum for d	eveloping skilled human resource	25.				75 1 1 1 1 1 1			
7.	Valuable curriculum for in	novative thinking and Employab	ility.					West of the		
8.	Curriculum helps in findin	g the solutions for engineering a	nd societal problems.							
9.	Curriculum helps in engage technology.	ing independent and lifelong lea	rning in the context of evolving							
10.	Suggestion/comments:									

Figure 3.1: Shows the Feedback form

			ALUMINI FEEDBACK FORM				100000000000000000000000000000000000000	
Name	of the Respondent	Branch	Batch		s	cheme		(Aug Stay of the
For	meena	156	2013-00	114		DIO	**************************************	
SI. No		Questions			0.45	Respons	• (1)	
		English Hard Market State (1997)	and the second	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1,	Content of the curriculur	m is need based.		195603600	اسا			
2	Core courses in the currie	culum are adequate						
3.	Elective courses in the curriculum are sufficient.					سا	No.	
4	Ample practical content					The state of	2008300	
5.	Useful curriculum for Ent	repreneurial development.			سسا ال	200	33 A S	
6	Effective curriculum for d	leveloping skilled human resources.			سسا			
7	Valuable curriculum for in	nnovative thinking and Employability	and the second			-	5785515	No. 140
8.	Curriculum helps in findin	is the solutions for engineering and	societal problems.		No. of the Land	1	100000000000000000000000000000000000000	100000
5500	technology.	ging independent and lifelong learning				1-	201	
	Suggestion/comments: (Curriculum should	d enhanced te	cover	mos	COUT	se oute	omes
10.	and should wa	listy Industry nee	ds		200 32			

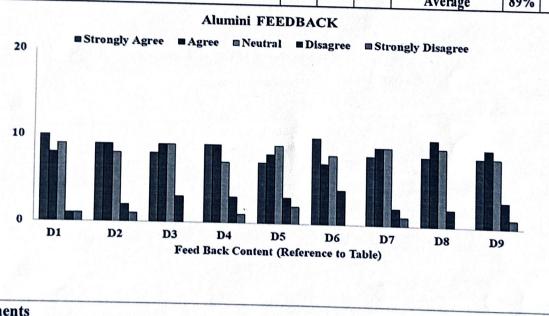
Figure 3.2: Shows the sample copy of Feedback response

3.2 Feedback Analysis report

An effort was made to receive feedback from alumni's, those who visit the college during AY 2019-20. For this purpose, feedback form had been prepared and taken feedback. As many as 29 Alumni's visited college and responses have been collected from the Alumni on syllabus. In order to arrive to comprehensive results, useful statistical tools like percentage, etc. have been used. For the effective presentation of the data, various types of graphs have been used.

89% students found curriculum to be very effective in enhancing team work, developing analytical skills and constructive learning and 11% students are expecting improvement in curriculum and resolving it timely

	Alumna FEEDB	ACK 20	19-20						
	Total: 29 Alumna feedback on cricullum				T	1	-	T 1	
SL No	Feedback Question	Strongly Agree	Agree	Neutral		Strongly Disagree	total	A+B+C/	D+E
DI	Content of the curriculum is need based.	A	В	C	D	E		total	total
D2	Core courses in the auricular S rect based.	10	8	9	1	1	29	93%	7%
D3	Core courses in the curriculum are adequate.	9	9	8	2	1	29	90%	10%
D4	Elective courses in the curriculum are sufficient.	8	9	9	3	0	29	90%	10%
DE	Ample practical content in the curriculum.	9	9	7	3	1	29	86%	14%
D5	Useful curriculum for Entrepreneurial development.	7	8	9	3	2	29	83%	17%
D6	Effective curriculum for developing skilled human resources.	10	7	8	4	0	29	-	
D7	Valuable curriculum for innovative thinking and Employability.	8	9.	9	2	1		86%	14%
D8	Curriculum helps in finding the solutions for engineering and societal problems	8	10	9	2	1	29	90%	10%
D9	Curriculum helps in engaging independent and lifelong learning in the context of	-	-10	,	2	0	29	93%	7%
	evolving technology.	8	9	8	3	1	29	86%	14%
					A	verage		89%	11%



Comments

- The curriculum or the syllabus need to accompany with current technology
- More Career Awareness Program
- Electives options should be open for all subjects
- Curriculum may include industry oriented concepts for solving real time problems.
- Open electives related to industry may be considered.
- Curriculum may include soft skill and aptitude with credits.

4. Employer Feedback

The IQAC creates a feedback form, which is distributed to all departments for response collection

4.1 Employer Feedback form on curriculum



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			EMPLOYER FEEDBACK FORM				
Name	of the Respondent	Organization	Designation		Contact Details		
Respect		quality of education our graduates r	eceived,				
SI. No		Questions	된 않는데 느이어 맛없이 하네?		Respons	e	
		A 30 10 10 10 10 10 10 10 10 10 10 10 10 10	Strong Agree		Neutral	Disagree	Strongly Disagree
1.	Curriculum updated as pe	er the needs of the industry.					
2.	Effective ordering of the	courses in the curriculum.		5 35			
3.	Core and elective course industrial requirements.	contents in the curriculum are suffici	ently addressing the				
4.	Practical content in the co	urriculum is adequate.		3			
5.	Curriculum is designed et	fectively for Entrepreneurial develop	ment.				
6.	Designed curriculum is us	seful for developing skilled human re	sources.				
7.	Valuable curriculum for in	nnovative thinking and employability					
8.	Knowledge on recent too	ls and theirusage are sufficiently add	ressed.		7 4		
9.	Applicability of the engin	eering knowledge to solve the proble	ems is sufficient.			, , , , , , , ,	
10.	Suggestion/comments:						

Figure 4.1: Feedback Template



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	3.9	EMPL	OYER FEEDBACK FORM	-				
-	of the Respondent	Organization	Designation	7		Contact Details		4.35
+	Anja	NOVO NORDISK	H.R.		Sparries.	7,500	A STATE OF THE STATE OF	
Respe	cted Employer, The purpos	e of this is to		See Land	1 4 44	6366397	7153	100
2.	Obtain your input on the Asses the quality of the a	quality of education our graduates						
SI. No		Questions	***			Response		
					-			
1.	Curriculum updated as pe	er the needs of the industry.		Strongly Agree	Agree		Disagree	Strongly
2.		courses in the curriculum.			/			- Indiana
3.		contents in the curriculum are sufficiently ac	ddressing the					
4.	Practical content in the co	urriculum is adequate.						
5.	Curriculum is designed ef	fectively for Entrepreneurial development.		1				
6.		eful for developing skilled human resources		11 2 11 11 11		-		
7.		novative thinking and employability		/ / !!	~			100
8.	Knowledge on recent tool	s and theirusage are sufficiently addressed.			_	21		6 1 6 1
9.		ering knowledge to solve the problems is so					1.00	
	Suggestion/comments:				,			W. 3
10.	Industry standard	courses like full stoack			1			

Anju

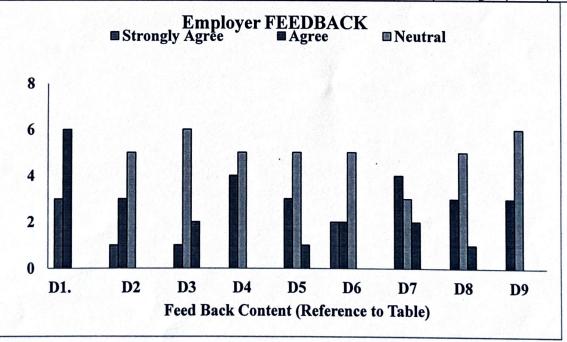
Figure 4.2: Sample copy of Feedback copy

4.2 Feedback Analysis Report

An effort was made to receive feedback from employers, those who visit of the college for placement, workshop technical talks...etc during AY 2019-20. For this purpose, feedback form had been prepared and taken feedback. As many as 9 employers visited college and responses have been collected from them on curriculum. In order to arrive to comprehensive results, useful statistical tools like percentage, etc. have been used. For the effective presentation of the data, various types of graphs have been used

93 % Employers are Satisfied with the process of Curriculum design and development. Employers opined that AIET's Curriculum is effective in developing ICT & communication skills and Curriculum has relevance to real life situations; reflects current trends and practices in the respective disciplines. 7 % employers denied and suggested to improve the curriculum as per the industrial standards.

	Employer FEEDBACK 2	2019-20			1				
	Empolyer count: 9 Feedback Question	Strongly Agree		Neutral	Disagree	Strongly Disagree	12/11/03/14/25	(A+B+C) / Total	(D+E)/ Total
Sl. No									
		A	В	С	D	E			
D1.	Curriculum updated as per the needs of the industry.	3	6	0	0	0	9	100%	0%
D2	Effective ordering of the courses in the curriculum.	1	3	5	0	0	9	100%	0%
D3	Core and elective course contents in the curriculum are sufficiently addressing the industrial requirements.	0	1	6	2	0	9	78%	22%
D4	Practical content in the curriculum is adequate.	0	4	5	0	0	9	100%	0%
D5	Curriculum is designed effectively for Entrepreneurial development.	0.	3	5	1	0	9	89%	11%
D6	Designed curriculum is useful for developing skilled human resources.	2	2	5	0	0	9	100%	0%
D7	Valuable curriculum for innovative thinking and employability	0	4	3	2	0	9	78%	22%
D8	Knowledge on recent tools and theirusage are sufficiently addressed.	0	3	5	1	0	9	89%	11%
D9	Applicability of the engineering knowledge to solve the problems is sufficient.	0	3	6	0	0	9	100%	0%
				3 779		Average		93%	7%



Comments:

- Curriculum has be relevance to the industrial needs
- Curriculum should ensuring professional ethics and positive attitude among the students
- The inclination of the curriculum to adopt new methods and technology
- Curriculum may include industry oriented concepts for solving real time problems.
- Open electives related to industry may be considered.

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