

UNIVERSITY OF CALICUT
Academic & Administrative Audit of Teaching Departments
(2016 -2021)
Report

Name of the Department		Department of Geology		
Sl. No.	Item	Grade A - Excellent, B - Good C - Average D - Poor	Comments	Suggestions for improvement
I	Programmes Offered			
1	Relevance, adequacy, innovativeness etc. (3-8)	B	The course offered is relevant in the present scenario of increasing need of geoscientists.	The course structure and the number of permanent teaching have to be improved for attracting more students to the programme.
2	Demand ratio of courses (33,35,36)	A		
3	Syllabus & curriculum (10,11, 46)	B		The department can participate in the curriculum development of other departments like Environmental Sciences, Geography etc and vice versa
4	Examination & Results (9, 34, 37)	B		Need improvement
II	Faculty			
1	Strength (12, 14, 15)	B	Lack of permanent faculty	Permanent/ Contract faculty should be appointed. Experts in the field can

				be appointed as visiting faculty for the betterment of the Programme
2	Student teacher ratio (16)	A		
3	Qualification, experience diversity, performance etc. (13, 41, 48)	B		
4	Participation of faculty in Professional development programmes, Seminars, Workshops etc. (26-27)	C		
5	Recognitions received by faculty from notable institutions (state, national or international) (28-30)	D		Need improvement
III	Research			The Research can only be improved by appointing permanent faculty and starting Ph.D programme
1	Thrust area (18)	D		
2	Facilities (21, 22)	D		
3	Publications (23)	D		
4	Patents (24)	D		
5	Consultancy (25)	D		
6	Projects	D		

	(19)			
	External Funding (all funds secured by faculty other than normal grants received by the University) 7 (20)	D		
IV	Students			
	Student achievements (state, national, international) 1 (31)	D		
	Diversity (male female ratio, from within the state, outside the state and international) 2 (33, 38)	D		
	Student Progression 3 (39, 40, 49)	C		
	Financial support to Students 4 (45)	C		
V	Support Staff (Strength, Adequacy etc.)	B		
VI	Teaching- learning & Evaluation (47)	B		Continuous evaluations should be conducted through various means of other evaluation techniques too. Not to evaluate only through test papers.
VII	Feedback Mechanism (48)	B	Suggestions received from students to be used for improvement of facilities	
VIII	Activities of the Department (conduct of seminar, workshops, student enrichment programmes, extension activities)	B		


	and other beyond scholarly activities) (32, 50, 55)			
IX	Infrastructural facilities of the Department (52)	B		Needs improvement
X	Uniqueness of the Department & Innovative practices (53-55)	B		
XI	SWOC (56)	B		SWOC of the Department is well understood and the overall ranking of the department is average due to the weakness and challenges pointed out here.
1	Strength			
2	Weakness			
3	Opportunity			
4	Challenges			
XII	Future plans (57)	A		

Overall remarks of the Auditor :

Geology is a rapidly developing field of science that will be critical in the twenty-first century because it provides knowledge and solutions to a wide range of issues, including energy, water, mineral resources, the environment, climate change, and natural hazards such as volcanoes, earthquakes, landslides, and floods. Because the Masters in Applied Geology is a rarely provided degree in the country that focuses on the applied parts of geology, the University must place a greater priority on the department's development.

The department is still in the early stages of development. However, it is lagging behind due to a lack of adequate facilities and permanent faculty. Improvements in these areas, as well as innovations in teaching and learning, can produce greater results. The

Department could benefit from the addition of a Ph.D. programme and short-term courses. Experts from diverse sectors of geology must be brought in to help improve the current program's course structure. The inclusion of visiting academics can help improve the department's overall performance.

Place :	Kottayam	Signature :	
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