

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

Name of the Department		Statistics			
Sl. No.	Item	Grade A - Excellent, B - Good C - Average D - Poor	Comments	Suggestions for improvement	Action Taken by the Department
I	Programmes Offered				
1	Relevance, adequacy, innovativeness etc. (3-8)	B	It would be better to think of introducing new courses/programs; Also while introducing these, try to have interdisciplinary nature.		The Department has given a proposal to University for starting a new MSc program on Applied Statistics and Data Analytics.
2	Demand ratio of courses (33,35,36)	A			
3	Syllabus & curriculum (10,11, 46)	A			
4	Examination & Results (9, 34, 37)	B		Remedial Teaching may be promoted. Bridge Courses should be included as part of the syllabus. Special attention may be given for slow learners/ weak students.	Bridge Courses have already started and a separate syllabus is framed for the same. Slow Learners/Weak Learners were identified and special attention were given for them by conducting Remedial Teaching for the last five years.
II	Faculty				
1	Strength (12, 14, 15)	C		Steps to be taken to fill up vacant positions	University has recently filled two vacant positions and two are remaining vacant. One of the

					Faculty retired in June 2022.
2	Student teacher ratio (16)	A			
3	Qualification, experience diversity, performance etc. (13, 41, 48)	A			
4	Participation of faculty in Professional development programmes, Seminars, Workshops etc. (26-27)	A			
5	Recognitions received by faculty from notable institutions (state, national or international) (28-30)	A			
III	Research				
1	Thrust area (18)	B		While appointing new faculty, thrust may be given to those working other areas than the current thrust areas of the Department.	The recently appointed faculty members are working on other thrust areas also.
2	Facilities (21, 22)	B		It is better to improve the software capacity of the Department. Also better to have tie with industries/corporate bodies.	Department is now promoting open software such as R, Python etc. But, for special purposes, software such as Mathematica, MiniTab, etc. are needed. Also, Department is planning to have tie up with industries which use Statistical techniques in their production/other processes.

3	Publications (23)	A			
4	Patents (24)	D			
5	Consultancy (25)	C		Try to have documentation on Statistical advise/help extended to individuals/institutions. Better to Start a Statistical Consultancy Cell in the University under the Leadership of the Department. The Department will have to strengthen its activities by incorporating emerging trends in Data Science/ Data Analytics.	The Department will document on Statistical advise/help extended to individuals/institutions. Current Syllabus contains electives courses in Data Analytics.
6	Projects (19)	C			
7	External Funding (all funds secured by faculty other than normal grants received by the University) (20)	C			
IV	Students				
1	Student achievements (state, national, international) (31)	B			
2	Diversity (male female ratio, from within the state, outside the state and international) (33, 38)	B			
3	Student Progression	B			

	(39, 40, 49)				
4	Financial support to Students (45)	A			
V	Support Staff (Strength, Adequacy etc.)	B		Practicals are mandatory for the PG programme. It is essential to have a Computer Operator/Technical Assistant to manage the activities of the Computer Lab and other electronic equipments	The Department Council discussed this and intimated the University to appoint one Technical Staff to manage the activities of Computer Lab and other related things.
VI	Teaching- learning & Evaluation (47)	A			
VII	Feedback Mechanism (48)	A			
VIII	Activities of the Department (conduct of seminar, workshops, student enrichment programmes, extension activities and other beyond scholarly activities) (32, 50, 55)	A			
IX	Infrastructural facilities of the Department (52)	A			
X	Uniqueness of the Department & Innovative practices (53-55)	A			
XI	SWOC				

	(56)				
1	Strength	A			
2	Weakness	B			
3	Opportunity	A			
4	Challenges	A			
XII	Future plans (57)	A			

Overall remarks of the Auditor : The overall performance of the Department is excellent. However, to meet the current trends/demands of the Society and the widespread applications of Statistics and its relevance in interdisciplinary studies, it is better to have a Statistical Cell in the University under the leadership of the Department.

Place :		Signature :		
Date :		Name :		
		Designation :		
		Office :		