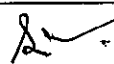
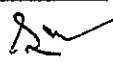


UNIVERSITY OF CALICUT
Academic & Administrative Audit of Teaching Departments
(2016 -2021)
Report


Name of the Department		STATISTICS		
Sl. No.	Item	Grade A - Excellent, B - Good C - Average D - Poor	Comments	Suggestions for improvement
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.	
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.
II	Faculty			
1	Strength (12, 14, 15)	C		Steps to be taken to fill up vacant positions
2	Student teacher ratio	A		


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	(16)			
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 in other areas than the current thrust areas of the Department.
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.
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.
6	Projects	C		Administrative formalities should be made simple and thereby encourage faculty

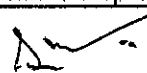
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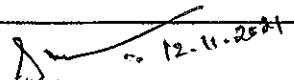
	(19)			members to take projects.
7	External Funding (all funds secured by faculty other than normal grants received by the University) (20)	C		Administrative formalities should be made simple and thereby encourage faculty members to apply for external funding while organizing conferences, workshops etc. Also, after filling enough faculty members, encourage the department for applying SAP, FIST etc.
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		University can conduct all India entrance while selecting students for different programmes
3	Student Progression (39, 40, 49)	B		
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
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)	A		


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	and other beyond scholarly activities) (32, 50, 55)			
IX	Infrastructural facilities of the Department (52)	A		
X	Uniqueness of the Department & Innovative practices (53-55)	A		
XI	SWOC (56)			
1	Strength	A	<p>1 Highly qualified and internationally recognized teachers</p> <p>2 Highly dedicated and hardworking Research scholars form the backbone of the Department.</p> <p>3 Faculty members and Research scholars are publishing research papers in peer reviewed journals and attending national/international level Conferences/Seminars/Workshops.</p> <p>4 The Department is regularly organizing national /international level academic programs.</p> <p>The Department has now grown as one of the strongest and well known departments in the country.</p>	
2	Weakness	B	<p>1 Space constraints: - The Department suffers from acute space shortage to run its academic programmes smoothly.</p> <p>2 Faculty shortage: - The Department has a sanctioned strength of 7 faculty positions, however, only 4 positions are presently filled.</p> <p>3 Technical Staff:- To maintain a full-fledged</p>	<p>1. Take necessary steps to solve the space shortage</p> <p>2. Take necessary steps to fill the vacant faculty positions and appoint a Technical Staff</p>

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			Computer Lab, the service of a Technical staff is essential.	
	3 Opportunity	A		Initiate steps to start new PG programmes on "Applied Statistics and Data Analytics/Data Science" Encourage statistical consultancy
	4 Challenges	A		MoUs with institutes/Universities/Departments of excellence may be initiated
XII	Future plans (57)	A		
<p>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.</p> <p>For the improvement of the overall functioning of the Department the following suggestions are made:-</p> <ol style="list-style-type: none"> 1. Faculty Strength:- With M.Sc, M.Phil and P.hD programmes, the Faculty shortage is a main hindrance now faced by the development. Vacant faculty positions may be filled immediately. 2. Technical Assistance:- To enhance proficiency in statistical computing, research capability and consultancy, qualified Technical Assistants may be appointed on priority. 3. ICT based blended learning through e-resources of e-Padasala/NPTEL/CEC and web-based resources are to be implemented in the Department. 4. Industry-Department linkage may be strengthened in view of the employability problems of graduate students in statistics. 				
Place : Kariavattom		Signature : 		
Date : 12.11.2021		Name : Dr C. Satheesh Kumar		
		Designation : Professor and Director		
		Office : Department of Statistics, University of Kerala, P.O. Kariavattom, Trivandrum-695581		


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