

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA



ACADEMIC ADMINISTRATIVE AUDIT (AAA)

SELF STUDY REPORT

NAME OF THE DEPARTMENT: STATISTICS

PERIOD:

2019 JUNE-2020 DEC

CATEGORY:

The Departments shall enter the necessary data in this booklet itself. For positive responses the details asked need be given only in a very brief manner. All claims must be supported by documentary evidence.

DEPARTMENT GRADING

The department is requested to submit a Self Study Report (SSR) of its performance during the academic year 2019 – 20 in the following format, for the purpose of department grading. The grading aims to encourage self-evaluation, accountability, research, and innovation in teaching and learning. It will also help to create healthy competition in curricular and extracurricular activities among departments. The grading will be performed based on the following six criteria.

Criterion I – Teaching-learning Process

Criterion II – Research

Criterion III – Consultancy and extension

Criterion IV – Extracurricular activities

Criterion V – Student Support and Progression

Criterion VI – Supportive activities

SELF STUDY REPORT

CRITERION I – TEACHING-LEARNING PROCESS

- a. Does the department Plan and organize the teaching-learning and evaluation schedules?

Yes

No

(10 MARKS)

(If yes; provide documentary evidence-Submit filled up Teachers Diary (2019-20)of each teacher or any other evidence)

- b. Which teaching-learning method/s is/are used by teachers?

(Put ✓ marks in appropriate boxes. Details must be given)

✓ Lecture

✓ Interactive method

✓ Project-based learning

✓ Computer-assisted learning

✓ Experiential learning

✓ Seminars

✓ Others (mention)

Group Discussion, problem based, practice by doing (3 marks each max 15MARKS)

https://docs.google.com/spreadsheets/d/1Nfto6-9gTfgSgZgtjnx8Giq7aE24RH_jszIXQICpg0k/edit?usp=sharing

- c. Does the department use any modern teaching aids and tools like computers, audio-visuals, MOODLE, CAL (Computer Aided Learning), internet and other information/materials, which ensure that students have effective learning experience?

Yes

No

3marks each

max

15

If yes, give details.

https://docs.google.com/spreadsheets/d/1Nfto6-9gTfgSgZgtjnx8Giq7aE24RH_jszIXQICpg0k/edit?usp=sharing

- d. Department conducted any exams in MOODLE-Learning Management system?

Yes

No

3marks each

max

15

If yes, give details of exams.

- e. Does the department conduct any skill-developing programs (short-term add-on courses, soft-skill development programs etc.) for students? 05 for each – max 10

Yes No

If yes, give details

- f. Does the department apply for any new course, by designing curricula for it, during the current year?

Yes No 5 each max 15

If yes, give details

- g. How many teachers attended seminar/ workshop/ conference/ refresher courses etc. during the period (Use separate sheet if necessary) > 90% =10, >50=5, <50 =0 max 10

Sl. No	Name of faculty		Title of the seminar/ workshop/ conference etc.	Duration		Whether international/ national/ state/regional	Organizing agency
				From	To		
			https://drive.google.com/drive/folders/1UmOJM4B5hq1l67q8CB6jiRdV6f3E473h?usp=sharing				

- h. Give details of faculty members, if any, who are selected as resource persons for seminar/workshop/conference/refresher courses etc. during this period (Use separate sheet if necessary) 2 for each – max 10

Sl. No	Name of faculty	Title of the seminar/ workshop/ conference etc.	Duration		Whether international/ national/ state/regional	Organizing agency
			From	To		
		NILL				

i. Does the department introduce any innovations in teaching/ learning/ evaluation during the current year? (like online tests, video lectures from out station resource persons)

Yes No

10 for each – max 20

If yes, give details

j. Does the department provide remedial teaching?

15

Yes No

If yes, furnish the following (use separate sheet if needed); provide evidence for student attendance

Sl. No.	Name of the teacher	Class for which remedial teaching is arranged	No of students benefited
1	Jiji. M. B	<ul style="list-style-type: none"> M.Sc Statistics B.Sc Mathematics and B.Sc Geology 	3 8
2	Geethu Gopinath	<ul style="list-style-type: none"> B.Sc Geology 	8

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k. Does the department provide coaching for entrance tests/eligibility tests (JAM, CSIR/UGC, University entrance tests etc..)? 15

Yes No

If yes, furnish the following (use separate sheet if needed); provide evidence for student attendance

Sl. No.	Name of the teacher	Class for which remedial teaching is arranged	No of students benefited
	NILL		

CRITERION II – RESEARCH

a. Give details of the publication by faculty, if any during the period . 2 for each – max 10

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Sl. No	Name of faculty	Title of the paper	Title of the Journal and year of publishing	Citation index and impact factor of the journal, if available
		NILL		

b. Is the department recognized as a research department?

Yes

No



05

If yes give the number of research scholars joined this year.

c. Did the department produce any Ph. D during the last two years? (*For research departments only*)

Yes

No



10

If yes furnish the following

Sl. No	Name of the Research scholar	Name of the guide	Title of the thesis	Year of awarding

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d. Does the department have running Major research projects?

Yes

No 10 for each

max 20

If yes furnish the following.

Sl. No	Name of the principal investigator	Duration		Title of the project	Funding agency
		from	to		

e. Does the department have running Minor research projects?

Yes

No 5 for each

max 15

If yes furnish the following.

		Duration	Title of the project	

Sl. No	Name of the principal investigator	from	to		Funding agency

a. Did the department submit any new proposal for project, seminar etc. to funding agencies during the academic year?

Yes

No



5 for each max 10

If yes give the number proposals submitted and the name of agencies.

b. Did the department conduct seminar/workshop/conference etc. during the academic year?



Yes

No



5 for each max 15

If yes furnish the following

Sl. No	Title of the seminar/ workshop/ conference etc.	Duration		Whether international/ national/ state/regional	Funding agency
		From	To		

1.	Advanced Developments in Statistical Theory and Applications	28 Februar y 2020	29 Februar y 2020	National	
2.	Workshop on Data Science	26 Februar y 2020	27 Februar y 2020	National	

- c. Is there any publication from faculty like books, articles, conference/seminar proceedings, course materials (for distance education), software packages or other learning materials, any other (specify) ?

Yes

No

5 for each max 15

If yes give details.

CRITERION III – CONSULTANCY AND EXTENSION

- a. Does the department have any MoU/ MoC (memorandum of contract)/ mutually beneficial agreements signed with industry /agency, or other academic institutions?

Yes

No

5 for each max 15

If yes give details.

- a. Does the department have collaborative activities (on-the-job training, student placement, internship, publication, curriculum development, research, consultancy, etc.) with other organizations (service sector, agricultural sector, local bodies/community, administrative agencies, state/national/international organizations)?

Yes

No

05 for each max 10

If yes give details

- b. Does the department conduct/coordinate any kind of extension activities which are integrated with the academic curricula, contributive to community development etc.?

Yes

No

5 for each

max 10

If yes give details.

- c. Does the department have partnership with University/Research institutions/Industries/ NGOs etc. for extension activities?

5 + 5

Yes

No

max 10

If yes give details

CRITERION IV – EXTRACURRICULAR ACTIVITIES

- a. Mention achievements of students , if any, of the students under the department (D- zone, Quiz competitions etc..) outside the college

Yes

05 for each

max 15

- b. Mention the association activities, if any, during the academic year other than inauguration and sent off

5 each

max 10

- c. Mention performance of students in sports activities during the academic year (Athletics, Games etc in Intercollegiate/University competitions)

2 marks for each

max 10

- d. Any other relevant information the department wishes to add.

10 marks

CRITERION V – STUDENT SUPPORT AND PROGRESSION

- a. Furnish the pass percentage for degree main 2019 – 20 batch (pass out) and PG 2018 – 20 batch.
max 60

% pass

Postgraduate course : 100 %

Degree (Main) :

Marks	>90%	89-80%	79-70%	69-55%
Number of students UG				
Number of students PG	1	1	7	3

Language & Complementary Course (Batch-wise)

Batch	Number of students with grade			
	>90%	89-80%	79-70%	69-55%
B.Sc Mathematics				
B. Sc Geology				
B.Sc Computer Science				
B.Sc Psychology				

BCA				
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Pass > 90 % = 20 marks, > 80 % = 10 marks, <80% = 0 marks.

For UG: Each >90% 2 marks each, 1 for 89-80% (Max 50)

For PG: Each >90% 3 marks each, 2 for 89-80% (Max 50)

For Language/Complementary for each students > 90% 2 marks, 1 for 89-80%, 0.5 for 79-70% (Max 20)

- b. Mention about CSIR-UGC-NET, if any, obtained for the 2018 – 20 batches. (provide documentary evidence) NILL

5 for each max 20

- c. No of students who got admission in Top universities/institutions
(List of institutions- IITs, NITs, JNU, Hyderabad University, EFLUs, CUSAT, IISC, Pondicherry University, IISERs)

NILL 5 for each (Max 20)

Should submit list of students with register number

- d. Mention the efforts made by the department to minimize the dropout rate and facilitate the students to complete the course. NILL

(Max 5)

- e. Give the percentage of the students progressed to higher studies. Give details for last year. If records are kept >70%- 05 marks, 69-60%-3 marks, 59-50%- 2marks
NILL

(Max 5)

Submit the list of students, admitted course, college and university

- f. Does the department provide any support for students for appearing and qualifying in various competitive examinations? (UGC-CSIR-NET, JAM, SLET, CAT, TOFEL, GMAT, GRE etc.); If yes provide evidence

(5 for each) (Max 10)

Yes No

g. Does the department provide placement and counseling services for students

Yes No Records to be kept 10

If yes give the number of students benefited

h. Does the department encourage and develop entrepreneurial skills among students

Yes No 10

If yes give details

i. Does the department have a mechanism to seek and use data and feedback from its graduates and from employers, to improve the growth and development of the institution?

Yes No 5 marks each max 10

If yes give details

CRITERION VI – SUPPORTIVE ACTIVITIES

a. Members of the department involved in the administrative/club/committee activities of the college in 2019-20 academic year?

2 mark for each (Max 10)

Sl. No.	Name	Activity to which associated
1	Dr. Davis Antony Mundassery	<ul style="list-style-type: none">• Controller of Examination• Convener of NAAC Criterion 2
2	Sr. Dr. Mariamma K. D	<ul style="list-style-type: none">• SSP Co-ordinator• Member of Grace Mark Committee• Sub Convener of NAAC Criterion 4• Member of Result Analysis Committee• Chairman of External Examination

3	Ms. Megha C M	<ul style="list-style-type: none"> • PG Co-ordinator •Sub Convener of NAAC Criterion 6
4	Ms. Jiji M B	<ul style="list-style-type: none"> •Chairman of PG External Examination • Department NAAC Co-ordinator
5	Ms. Linett George	<ul style="list-style-type: none"> • NSS Assistant Programme Officer • Member of COVID-19 Committee • Member of NAAC Criterion 2

b. Describe the measures taken for maintaining the cleanliness of staff room, classrooms, labs, museums etc.

Details to be furnished (Max 10)

c. Does the department maintain proper documentation of data on Internal marksheets /Question papers/ Stock register (Details to be furnished)

Yes

No

(Max 10)

d. Mention the measures if any, taken by the department for personality development of students.

(Max 05)

Date:

Signature:

Head of the department: