

# CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA



ACADEMIC ADMINISTRATIVE AUDIT (AAA)

## SELF STUDY REPORT

NAME OF THE DEPARTMENT: ZOOLOGY

PERIOD: 2019 JUNE - 2020 DEC

CATEGORY: AIDED

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 **v** marks in appropriate boxes. Details must be given)

- |                               |                                     |                |              |
|-------------------------------|-------------------------------------|----------------|--------------|
| 1. Lecture                    | <input checked="" type="checkbox"/> |                |              |
| 2. Interactive method         | <input checked="" type="checkbox"/> |                |              |
| 3. Project-based learning     | <input checked="" type="checkbox"/> |                |              |
| 4. Computer-assisted learning | <input checked="" type="checkbox"/> |                |              |
| 5. Experiential learning      | <input checked="" type="checkbox"/> |                |              |
| 6. Seminars                   | <input checked="" type="checkbox"/> |                |              |
| 7. Others (mention)           | <input type="checkbox"/>            | ( 3 marks each | max 15MARKS) |

- 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: Moodle, Google classroom, Google meet

- d. Department conducted any exams in the 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		
1	Dr. Leyon Varghese	Refresher Course in Life Sciences	18.10.2019	31.10.2019	National	UGC – HRDC, University of Calicut
2	Dr. Leyon Varghese	Faculty Development Program in Quality Science Education in India in the 21st Century.	03.11.2020	09.11.2020	National	Christ College/Guru Angad Dev Teaching Learning Centre Under PMMMNMTT
3	Dr. Leyon Varghese	Short Term Course in Research Methodology	08.01.2021	14.01.2021	National	UGC - HRDC, University of Calicut
4	Dr. Abhilash Peter	Reiterating Biodiversity	30-10-2019		International	Zoology Department, KKTM College, Pullut
5	Dr. Abhilash Peter	Aquariums - A Journey from Hobby to Education to Business	19-08-2020		State	IQAC and Health Club, Sree Narayana College, Kollam
6	Dr. Abhilash Peter	Insect Taxonomy	25-09-2020		State	Zoology Department and IQAC, St. Peter's College, EKM
7	Dr. Abhilash Peter	Short Term Program	18-07-2020	24-07-2020	National	CUSAT with Kerala State Higher

						Education Council
8	Dr. Abhilash Peter	Short Term Program	04-08-2020	10-08-2020	National	S D College with Kerala State Higher Education Council
9	Dr. Abhilash Peter	Short Term Program	12-08-2020	18-08-2020	National	UGC-HRDC Kerala University with KSMDB College
10	Dr. Abhilash Peter	Short Term Program	01-09-2020	15-09-2020	National	Prabhat Kumar College with MHRD and IIT Bombay Spoken Tutorial
11	Dr. Abhilash Peter	Short Term Program	03-11-2020	09-11-2020	National	GADTLC,SGTB Khalsa College, University of Delhi (PMMMNMTT) and Christ College (Autonomous), Irinjalakuda
12	Dr. Binu Ramachandran	Frontiers in Neuroscience and Neurochemistry: Dynamic challenges and Approaches	10.10.2019	12.10.2019	International	Society for Neurochemistry India
13	Dr. Binu Ramachandran	Trends in Healthy ageing	18.02.2020	19.02.2020	National	Government college of Physical Education, Calicut
14	Dr. Binu Ramachandran	Orientation programme	26.06.2020	24.07.2020		Ramanujan College, University of Delhi
15	Dr. Binu Ramachandran	Refresher Course: Current concepts in Biostatistics and Phytopharmacology	20.11.2020	03.12.2020		Kerala Veterinary and Agricultural University
16	Dr. Binu Ramachandran	FDP, Technopedagogy 2020	24.06.2020	30.06.2020		Bharathiar University
17	Dr. Binu Ramachandran	FDP on user friendly tools for online teaching and assessment	10.07.2020	16.07.2020		Prajyoti Niketan College
18	Dr. Binu Ramachandran	FDP on implementation of information and communication	18.07.2020	24.07.2020		CUSAT and Kerala Higher

		technology in teaching				education Council
19	Dr. Bijoy C	Seminar on Reiterating Biodiversity 2019	30-10-2019	30-10-2019	International	KKTM College, Pullut
20	Dr. Bijoy C	Hand-on training on DNA Barcoding and Phylogenetic Analysis	18-11-2019	20-11-2019	National	UC College, Aluva
21	Dr. Bijoy C	Workshop on Taxonomic Identification of Indian Bees	02-03-2020	03-03-2020	International	Envis centre, ZSI, Kolkata.
22	Dr. Bijoy C	FDP on Quality Science Education in India in 21 <sup>st</sup> Century	03-11-2020	09-11-2020	National	Christ College, Irinjalakuda
23	Dr. Bijoy C	Refresher Programme on A roadmap to enhance core teaching competencies in Academic Landscape.	14-02-2020	27-02-2020	State	Academic Staff College, KVASU, Mannuthy
24	Dr. Bijoy C	FDP on LaTeX Document Preparation system	17-08-2020	21-08-2020	National	MarThoma College, Thiruvalla
25	Dr. Bijoy C	Orientation Programme for Faculties in Universities/colleges/institutes of Higher education	26-06-2020	24-07-2020	National	Teaching Learning Centre, Ramanujan College, Delhi University
26	Dr. Bijoy C	Webinar on The problem of trash disposal in Neurodegenerative diseases	09-07-2020	09-07-2020	International	Christ College, Irinjalakuda
27	Dr. Bijoy C	FDP on Implementation of Information and Communication Technology in Education	18-07-2020	24-07-2020	National	School of Legal studies, CUSAT
28	Dr. Bijoy C	FDP on Outcome Based Education	11-07-2020	11-07-2020	National	Cauvery College for women, Thiruchirappali
29	Dr. Bijoy C	Webinar on Perspective of Molecular Approaches in Entomology	17-09-2020	17-09-2020	International	Christ College, Irinjalakuda
30	Dr. Bijoy C	Webinar on Challenges in Biodiversity conservation	05-10-2020	05-10-2020	State	Christ College, Irinjalakuda
31	Dr. Bijoy C	Bio-fest: Online lecture series	23-09-2020	25-03-2020	State	NSS College, Nemmara
32	Dr. Bijoy C	Webinar on Principles and	24-08-	24-	National	WGRC,

		Practices of Animal Taxonomy: Classical and Molecular Approach	2020	08-2020		Zoological Survey of India
33	Dr. Bijoy C	Webinar on Fauna of Western Ghats: Spiders and Vespidae Wasps	24-09-2020	24-09-2020	National	WGRC, Zoological Survey of India
34	Dr Bijoy C	Webinar on Crafting your Research Grants proposal	15-07-2020	15-07-2020	State	St. Peter's College, Kolenchery
35	Dr Bijoy C	Webinar on Coronavirus-past, present and future	21-07-2020	21-07-2020	International	MES Keeveyam College, Valanchery
36	Dr Bijoy C	Webinar on Climate Crisis, Biodiversity loss: How effective are the Global Treaties	22-08-2020	22-08-2020	National	Bharathiar University
37	Dr. Bijoy C	Webinar on Insect Taxonomy	25-09-2020	25-09-2020	National	St. Peter's College, Kolenchery
38	Dr. Bijoy C	Webinar on National Education Policy 2020: Opportunities and Challenges for the collegiate Education system	23-09-2020	23-09-2020	National	CMS College (Autonomous), Kottayam
39	Dr. Bijoy C	Webinar on NEP 2020: Highlights and Implications for Higher Education	26-09-2020	26-09-2020	National	Mar Athanasius College (Autonomous), Kothamangalam
40	Dr. Bijoy C	Webinar on Academic Publishing in cloud Environment	02-10-2020	02-10-2020	National	Sree Sankara Vidyapeetom College, Valayanchirangara
41	Dr Bijoy C	Webinar on National Education Policy 2020: Implications, Challenges and Opportunities for the Higher Education	03-09-2020	03-09-2020	State	Little Flower College, Guruvayoor
42	Dr Bijoy C	Webinar on Preparing for online teaching	21-05-2020	21-05-2020	State	Sacred Heart College, Kochi

- 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		
1	Dr. Sudhikumar A.V.	International seminar on Current Status and Challenges for Conservation and Sustainable use of Biodiversity (ISCCSB)	23 March 2020	24 March 2020	International	Sree Narayana College, Kollam, Kerala
2	Dr. Sudhikumar A.V.	International seminar on Biodiversity Conservation and Climate Change	2 January 2020	3 January 2020	International	St. Joseph's College, Calicut
3	Dr. Sudhikumar A.V.	International seminar on Reiterating Biodiversity at, Kerala	30th October 2019		International	KKTM Government College, Kodungallur

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

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
1.	Praveen K (Research Scholar)	MSc Zoology and Botany Students	38

#### CRITERION II – RESEARCH

a. Give details of the publication by faculty, if any during the period .

2 for each – max 10

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
1	Binu R.	Synaptotagmin-3 drives AMPA receptor endocytosis, depression of synapse strength and forgetting	Science, 2019. 4:363(6422)	IF: 23
2	Dilla Jose	Effect of Apoptosis on Human Prostate Cancer Cell Lines (PC3, DU145 and LNCaP) Using Curcumin longa	Journal of Emerging Technologies and Innovative Research. 2019. 6(2): 615-627	ISSN 2349- 5162 IF: 5.87
3	Bijoy C.	A checklist of bees (Insecta: Hymenoptera: Apoidea) of Kerala	Entomon. 2020. 45(3): 189-200	
4	Bijoy C.	Diversity of Odonates in Palakkal wetland, Thrissur, Kerala before and after deluge.	Scientia. 2019. 15(3): 112-116.	
4	Abhilash Peter	Report on a new host plant for <i>Eligma narcissus</i> Cramer (Lepidoptera: Nolidae)	Entomon. 2020. 45(3): 239-242	
5	Abhilash Peter	Description of two new species of <i>Macroteleia</i> Westwood (Hymenoptera: Scelionidae) from India	Halteres. 2020. 11: 25-31	

6	Sudhikumar A.V.	An investigation of diversity and bioecology of Araneo Fauna of Pathiramanal Island in Vembanad Lake, a Ramsar site, Kerala, India.	Zoology and Ecology. 30(2): 126-137. 2020.	ISSN: 2165-8005 IF: 0.8
7	Sudhikumar A.V.	Diversity and population fluctuation of jumping spiders (Araneae: Salticidae) of Calicut University campus, Kerala, India.	Serket. 17(3): 252-259. 2020	ISSN: 1110-502X.
8	Sudhikumar A.V.	Spider diversity of Kerala University Campus, Thiruvananthapuram, Kerala, India.	Entomon. 45(3): 209-218.	
9	Sudhikumar A.V.	Spiders of rocky desert in Kailana, Rajasthan, India.	Serket. 17(3): 201-206. 2020	
10	Sudhikumar A.V.	Species composition and abundance of rotifers (Rotifera: Eurotatoria) in Thrissur Kole wetland, Kerala, India.	Egyptian Journal of Aquatic Biology & Fisheries. 24(6): 439-451. 2020	ISSN: 1110-6131
11	Sudhikumar A.V.	A diversity of spiders (Arachnida: Araneae) from a cashew ecosystem in Kerala, India.	Journal of Threatened Taxa. 12(13): 16879-16884. 2020	
12	Sudhikumar A.V.	Redescription of <i>Asemonea cristata</i> Thorell, 1895 (Araneae: Salticidae: Asemoneinae), with notes on its synonymy and distribution.	Arthropoda Selecta. 29(2): 251-256. 2020	IF: 0.8
13	Sudhikumar A.V.	The first described male of the Asian jumping spider genus <i>Piranthus</i> Thorell, 1895 (Araneae: Salticidae: Baviini).	Peckhamia 207(1): 1-7. 2020	
14	Sudhikumar A.V.	A novel intervention on the inhibiting effects of <i>Catunaregam spinosa</i> induced free radical formation and DNA damage in <i>Aedes aegypti</i> (Diptera: Culicidae): a verdict for new perspectives on	International Journal of Tropical Insect Science. 40(2):1-14. 2020	<a href="https://doi.org/10.1007/s42690-020-00157-0">https://doi.org/10.1007/s42690-020-00157-0</a>

		microorganism targeted vector control approach.		
15	Sudhikumar A.V.	Exploring the mode of action of isolated bioactive compounds by induced reactive oxygen species generation in <i>Aedes aegypti</i> : a microbes based double-edged weapon to fight against Arboviral diseases.	International Journal of Tropical Insect Science. 40(3): 573-585. 2020	<a href="https://doi.org/10.1007/s42690-020-00104-z">https://doi.org/10.1007/s42690-020-00104-z</a> .

b. Is the department recognized as a research department?

Yes

No

05

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

**15**

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
1	Preeji K.P.	Dr. John K. Thomas	Male Induced Implantation Failure (The Bruce Effect) in Mice: Role of Learning and Memory	2019
2	Jobi M.J.	Dr. Sudhikumar A.V.	An Investigation on Taxonomy and Ecology of Araneofauna of Pathiramanal Island in the Vembanad Lake, a Ramsar Site, Kerala, India	2019

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		
1	Sudhikumar A.V.	2017	2020	Diversity of millipede fauna in the southern western ghats of Kerala	DST-SERB
2	Binu R.	2018	2021	Role of gut microbiota in the behavioral plasticity of Zebrafish models	DST-SERB

e. Does the department have running Minor research projects?

Yes

No

5 for each max 15

If yes furnish the following.

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

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 of proposals submitted and the name of agencies.

**1 (Idea Wild)**

b. Did the department conduct seminars/workshops/conferences 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	The problem of trash disposal in neuro-degenerative diseases	09.07.2020	09.07.2020	International	
2	Perspective of Molecular Approaches in Entomology	17.09.2020	17.09.2020	International	
3	Food Production and Processing	22-03-2019	22-03-2019	State	UGC
4	Challenges in Biodiversity Conservation	05-10-2020	05-10-2020	State	
5	Biodiversity Documentation via India Biodiversity Portal	12-02-2020	12-02-2020	Regional	
6	Science behind prevalence of Metabolic syndromes in Kerala	24-02-2020	24-02-2020	Regional	Endowment Seminar

- 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.

Sl. No	Title of Book/chapter	Name of the teacher	Name of Publisher	National /International	ISBN	Year of Publication
1.	Interface biology of stem cell-driven tissue engineering: concepts, concerns and approaches	Joshi C.O.	Elsevier	International	9780081026809	2020
2	An Overview of the Threats to Faunal Diversity of Rajasthan. In: India: Environmental, political and social issues. (Ed). Jules Lessard & Orson Rivière., 115-130.	Sudhikumar A.V.	Nova Science Publishers Inc. USA.	International	978-1-53618-413-6.	2020
3	Comparison of Araneofuna in natural and agricultural ecosystems in Thrissur district, Kerala, India. In: A healthy ecosystem for	Sudhikumar A.V.	Kerala Veterinary and Animal Science University.	State	978-93-5406-189-9.	2020

effective pedagogy. (Ed). Maya K.S., 86-88.					
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### 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.

**MoU Signed between Wildlife Trust of India (WTI), New Delhi and Christ College (Autonomous), Irinjalakuda on October 14, 2020.**

- 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

**Collaboration with Zoological Survey of India for Research and Publication (Papers in press)**

**Identification services to Kerala Biodiversity board and students from other Institutions.**

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

Yes  No  5 for each max 10

If yes, give details.

Student participation in PBR (People Biodiversity Register) Preparation of Irinjalakuda Municipality.

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

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

05 for each

max 15

Sl No.	Name of student	Class	Event and Date	Position
1	Ullas U. R. and Anoose Basil P.	III <sup>rd</sup> and II <sup>nd</sup> BSc Zoology	Curious Intercollegiate Quiz, St. Joseph's college, Devagiri, Kozhikode (10-2.2020)	Third
2	Ullas U. R. and Anoose Basil P.	III <sup>rd</sup> and II <sup>nd</sup> BSc Zoology	Big Quiz Myristica Season 4, Farook College and MNHS (23-1-2020)	Second
3	Ullas U. R. and Anoose Basil P.	III <sup>rd</sup> and II <sup>nd</sup> BSc Zoology	Grand Finale of Environment and Nature Quiz 2019 organised by Kannur Kandal Project at Cochin on 12/12/2019	Second
4	Ullas U. R. and Anoose Basil P.	III <sup>rd</sup> and II <sup>nd</sup> BSc Zoology	State Museum and Zoo, Thrissur quiz wildlife week celebration 2019 (6/10/2019)	Second
5	Ullas U. R. and Anoose Basil P.	III <sup>rd</sup> and II <sup>nd</sup> BSc Zoology	Kerala Forests and wildlife Dept quiz competition wildlife week celebrations 2019 (3/10/2019)	Second
6	Delwin Davis and Ashikha Farsana	II <sup>nd</sup> BSc Zoology	Kannur Kandal Project Environment and Nature Quiz 2020	Second

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

5 each                      max 10

**Programme 1.** Prof. V.V. Sudhakaran Endowment Intercollegiate PowerPoint presentation competition; Topic: "Are we in the midst of 6<sup>th</sup> mass extinction"; Date: 21<sup>st</sup> November 2019 (1:30 pm); Event details: 10 students from various colleges participated. Audience of 77 students.; Winners: First Place- Fausia A. P., St. Aloysius College; Second place- Aishwarya Rajeev, Christ College, Irinjalakuda.

**Programme 2.** PadmaBhushan Fr. Gabriel Chiramel memorial Biodiversity quiz competition 2019; Date: 31/1/2019 10 am; 9 teams participated; First: Anna Kurian and Liz, Christ College (Autonomous), Irinjalakuda; Second: Anjana A Feba and Susan Vargehese, SH College, Thevara.

**Programme 3.** Intercollegiate essay competition; Topic: Impact of natural calamities on wildlife; 35 participants; First: Sandra Mohan, 2nd Bsc Zoology, SH Chalakudy; Second: Anna Kurian, Christ College, Irinjalakuda and third: Sruthy Dasan, LF College, Guruvayoor.

- 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

1. Mithra M M: Participated in the South Zone Inter University tournament (22-11-2019 to 25-11-2019)
2. Mithra M M: Secured First place in Chess (Women) in the Calicut University Inter Zonal Championship (10-12-2019)
3. Ann Treesa: Secured Second Prize in All India Inter University Netball championship (13-02-2020)
4. Ann Treesa: Secured First Prize in Intercollegiate Netball Championship (22-01-2020)

- d. Any other relevant information the department wishes to add.                      10 marks

Programme named Zootopia in which students need to keep and update newspaper cuttings on Zoology news around us and based on the news collected and displayed on the notice board, there will be a short quiz every 60 days. They should keep a record of the collected news for the reference purpose.

#### 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) : 90

Marks	>90%	89-80%	79-70%	69-55%
Number of students UG <b>30</b>	6	9	9	6
Number of students PG <b>13</b>	3	6	4	-

Language & Complementary Course (Batch-wise)

Batch	Number of students with grade			
	>90%	89-80%	79-70%	69-55%

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)

5 for each max 20

**Keerthana and Ardhra (2018-2020 batch)**

- 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)

5 for each (Max 20)

Should submit list of students with register number

1. Parvathai R Nambiar (CCARSZO028)- Pondicherry University
2. Anjana Gopinathan (CCARSZO004)- University of Calicut
3. Ardhra Davis (CCARSZO026)- University of Calicut
4. Nikhitha Thomas (CCARSZO022)- University of Calicut
5. Ashly K Raphy (CCARSZO006)- Ontario University, Canada
6. Ullas U R (CCARSZO031)- Ontario University, Canada

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

(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 (Max 5)

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

18 out of 27 passed students joined for Higher studies. 4 students joined for diploma courses.

**81.5% (18/27)**

list of students attached herewith.

- 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

Arranged UGC-CSIR orientation class for PG students of Zoology and Botany department

(detail attached)

- 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

If yes give details

5 marks each max 10

#### 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 Leyon Varghese	Parents Teachers Association
2	Dr Leyon Varghese	Question Bank System
3	Dr Bijoy C	Biodiversity Club
4	Dr Bijoy C	Online Attendance (KnowledgePro)
5	Dr Bijoy C	IQAC Co-Coordinator
6	Dr Bijoy C	Teachers Dairy in-charge
7	Dr Bijoy C	NAAC Criterion 3 (Research) member
8	Dr Bijoy C	RRNG- College Contact person
9	Dr Bijoy C	ICTK- College Contact person

- 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)

Through Walk with Scholar programme mentor helps the mentee to face interviews

Date: 23-01-2021

Signature:

Head of the department: