

ZOOLOGY DEPARTMENT-QUANTITATIVE MATRIX
IQAC PROFILE -2016-2021

Criterion I – Curricular Aspects

Metric No.	150	Weightage
1.1.2	Percentage of Programmes where syllabus revision was carried out during the last five years	50
2016-17	<ul style="list-style-type: none"> ✚ MSc III sem revision in ZOO CC 321, 322, 325, 326,327, 328 	
2017-18	<ul style="list-style-type: none"> ✚ MSc I Sem revision in ZOO CC 125, 127, 128 ✚ MSc II Sem revision in ZOO CC 225, 226 ✚ MSc III Sem revision in ZOO CC 321, 322, 323, 324, 325, 326 ✚ MSc IV Sem revision in ZOO CC 423, 425, 427 	
2018-19	<ul style="list-style-type: none"> ✚ MSc I Sem revision in ZOO CC 125, 127 ✚ MSc II Sem revision in ZOO CC 225 	
2019-20	<ul style="list-style-type: none"> ✚ MSc. I and III sem revision with minor changes 	
2020-21	<ul style="list-style-type: none"> ✚ MSc I and II sem revision with major changes ✚ BSc ZOO SEC III 513, SEC IV 613 added 	
Total	38.33 percent syllabus has been revised during 2016-2021	
1.1.3	<p>Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the University</p> <ul style="list-style-type: none"> ✚ BSc syllabus with skill enhancement course ZOO SEC-I- 313, ZOO Sec-II-413, ZOO SEC III 513, ZOO SEC IV 613 ○ 04 papers out of 18=22% 	10
1.2.1	<p>Percentage of new courses introduced of the total number of courses across all programmes offered during the last five years</p> <ul style="list-style-type: none"> ✚ 22% in UG + PG diploma in Bio-informatics 	10

1.2.2	<p>Percentage of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented (Data for the latest completed academic year)</p> <p>➤ 80% in UG, PG</p>	20
1.3.2	<p>Number of value-added courses for imparting transferable and life skills offered during last five years</p> <ul style="list-style-type: none"> ✚ Genetic Engineering ✚ Molecular Taxonomy and DNA Barcoding ✚ Free radicals, Oxidative Stress and Antioxidants ✚ 4. Medical Biochemistry 	10
1.3.3	<p>Average Percentage of students enrolled in the courses under 1.3.2 above</p> <p>100 %</p>	10
1.3.4	<p>Percentage of students undertaking field projects / research projects / internships (Data for the latest completed academic year)</p> <p>70 %</p> <ul style="list-style-type: none"> ✚ Album preparation for museum specimens, bones and for embryological specimens and phenomenon ✚ Visit to Indian Council of Agriculture Research to study Population genetics and its implications in crop improvement ✚ Visit to Sironja situated poultry farm to develop better understanding in students for rearing, management, vaccination and quality production of RER breed of chickens ✚ Laboratory based experimental analysis for analysing of water quality and improvement strategies implementation to purify the lake Lakha Banjara located at Sagar City: approach based to generate inclination and awareness of water quality management among the people residing in Sagar. 	05
1.4.1	<p>Structured feedback for design and review of syllabus – semester wise / year wise is received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni</p> <p>80 %</p>	10

1.4.2	Feedback processes of the institution may be classified as follows <ul style="list-style-type: none"> Feedback from HOD Feedback from Course-cordinators Feedback from students Feedback from employees 	05
	TOTAL CREDIT: 140 SCORED DURING ASSESSMENT PERIOD	140

1.3.2 Number of value-added courses for imparting transferable and life skills offered during last five years (10)						
1.3.3 Average Percentage of students enrolled in the courses under 1.3.2 above (10)						
Year -1						
Name of the value added courses offered (with 30 or more contact hours)	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of the course	Number of students enrolled in the year	Number of Students completing the course in the year
Paper I- Research methodology	SBS-CC-141	2016-17	1	one semester	7	7
Paper II- Biostatistics and Informatics	ZOO-CC-142	2016-17	1	one semester	7	7
Paper III- Review Writing	ZOO-CC-143	2016-17	1	one semester	7	7
Paper-IV- Modren Biology: Tools & Techniques	CPE-RPE	2016-17	1	one semester	7	7
Year 2						
Name of the value added courses offered (with 30 or more contact hours)	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of the course	Number of students enrolled in the year	Number of Students completing the course in the year
Paper I- Research methodology	SBS-CC-141	2017-18	1	one semester	1	1
Paper II- Biostatistics and Informatics	ZOO-CC-142	2017-18	1	one semester	1	1
Paper III- Review Writing	ZOO-CC-143	2017-18	1	one semester	1	1
Paper-IV- Research and Publication Ethics	CPE-RPE	2017-18	1	one semester	1	1
Year 3						
Name of the value added courses offered (with 30 or more contact hours)	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of the course	Number of students enrolled in the year	Number of Students completing the course in the year
Paper I- Research methodology	SBS-CC-141	2018-19	1	one semester	3	3
Paper II- Biostatistics and Informatics	ZOO-CC-142	2018-19	1	one semester	3	3
Paper III- Review Writing	ZOO-CC-143	2018-19	1	one semester	3	3
Paper-IV- Research and Publication Ethics	CPE-RPE	2018-19	1	one semester	3	3
Year 4						
Name of the value added courses offered (with 30 or more contact hours)	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of the course	Number of students enrolled in the year	Number of Students completing the course in the year
Paper I- Research methodology	SBS-CC-141	2019-20	1	one semester	11	11
Paper II- Biostatistics and Informatics	ZOO-CC-142	2019-20	1	one semester	11	11
Paper III- Review Writing	ZOO-CC-143	2019-20	1	one semester	11	11
Paper-IV- Research and Publication Ethics	CPE-RPE	2019-20	1	one semester	11	11
Year 5						
Name of the value added courses offered (with 30 or more contact hours)	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of the course	Number of students enrolled in the year	Number of Students completing the course in the year
Paper I- Research methodology	SBS-CC-141	2020-21	1	one semester	4	4
Paper II- Biostatistics and Informatics	ZOO-CC-142	2020-21	1	one semester	4	4
Paper III- Review Writing	ZOO-CC-143	2020-21	1	one semester	4	4
Paper-IV- Research and Publication Ethics	CPE-RPE	2020-21	1	one semester	4	4

1.1.2 Percentage of programmes where syllabus revision was carried out during the last five years (20)							
Programme Code	Programme name	Year of Introduction	Status of implementation of CBCS / Elective	Year of implementation of CBCS / Elective Course System (ECS)	Year of revision (if any)	If revision has been carried out in the syllabus during last 5 years, Percentage of content added or	Link to the relevant documents
			CBCS : Yes/No	CBCS: ECS:	CBCS: ECS:	CBCS: ECS:	CBCS: ECS:
PG LEVEL							
ZOO CC 125	P-III Endocrinology – Theory	2017-18	YES	2017-2021	2017-18	30	http://www.dhsgsu.edu.in/images/1-Zoology-P.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-PG-Autosaved.pdf
ZOO CC 127	Vertebrate Physiology – Theory P-IV	2017-18	YES	2017-2021	2017-18	30	http://www.dhsgsu.edu.in/images/1-Zoology-P.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-PG-Autosaved.pdf
ZOO CC 128	Vertebrate Physiology – Practical	2017-18	YES	2017-2021	2017-18	30	http://www.dhsgsu.edu.in/images/1-Zoology-P.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-PG-Autosaved.pdf
ZOO CC 225	P-III Toxicology, Environmental Biology and Ethology– Theory	2018-19	YES	2017-2021	2018-19	30	http://www.dhsgsu.edu.in/images/1-Zoology-P.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-PG-Autosaved.pdf
ZOO CC 321	P- I 1 Theory Biostatistics and Computational Biology	2018-19	YES	2017-2021	2018-19	20	http://www.dhsgsu.edu.in/images/1-Zoology-P.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-PG-Autosaved.pdf
ZOO CC 322	Practical Biostatistics and Computational Biology	2018-19	YES	2017-2021	2018-19	20	http://www.dhsgsu.edu.in/images/1-Zoology-P.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-PG-Autosaved.pdf
ZOO CC 323	P –II Theory : Immunology	2018-19	YES	2017-2021	2018-19	20	http://www.dhsgsu.edu.in/images/1-Zoology-P.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-PG-Autosaved.pdf
ZOO CC 325	Theory: Cell Architecture	2018-19	YES	2017-2021	2018-19	20	http://www.dhsgsu.edu.in/images/1-Zoology-P.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-PG-Autosaved.pdf
ZOO CC 325-B	Theory Structure and Function of Insects	2018-19	YES	2017-2021	2018-19	20	http://www.dhsgsu.edu.in/images/1-Zoology-P.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-PG-Autosaved.pdf
ZOO CC 325-C	Fish Structure and Function	2018-19	YES	2017-2021	2018-19	20	http://www.dhsgsu.edu.in/images/1-Zoology-P.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-PG-Autosaved.pdf
ZOO CC 326-C	Practical Fish Structure and Function	2018-19	YES	2017-2021	2018-19	20	http://www.dhsgsu.edu.in/images/1-Zoology-P.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-PG-Autosaved.pdf
ZOO CC 325-D	Theory Principles of Environmental Biology	2018-19	YES	2017-2021	2018-19	20	http://www.dhsgsu.edu.in/images/1-Zoology-P.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-PG-Autosaved.pdf
ZOO CC 326-D	Practical Principles of Environmental Biology	2018-19	YES	2017-2021	2018-19	20	http://www.dhsgsu.edu.in/images/1-Zoology-P.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-PG-Autosaved.pdf
ZOO CC 324	Practical Immunology	2018-19	YES	2017-2021	2018-19	20	http://www.dhsgsu.edu.in/images/1-Zoology-P.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-PG-Autosaved.pdf
ZOO CC 326	A Practical Cell Architecture	2018-19	YES	2017-2021	2018-19	20	http://www.dhsgsu.edu.in/images/1-Zoology-P.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-PG-Autosaved.pdf
ZOO CC 423,	P- II ZOO CC 423 Theory Tools and Techniques for Biology	2018-19	YES	2017-2021	2018-19	20	http://www.dhsgsu.edu.in/images/1-Zoology-P.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-PG-Autosaved.pdf
ZOO CC 425,	ZOO CC 425-C Theory Fish Taxonomy and Ecology	2018-19	YES	2017-2021	2018-19	20	http://www.dhsgsu.edu.in/images/1-Zoology-P.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-PG-Autosaved.pdf
ZOO CC 427	ZOO CC 427-A Theory Molecular Cell Biology	2019-20	YES	2017-2021	2019-20	30	http://www.dhsgsu.edu.in/images/1-Zoology-P.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-PG-Autosaved.pdf
UG LEVEL							
ZOO SEC III 513	Skill Enhancement Course (SEC): Sericulture	2020-21	YES	2020-21		25	http://www.dhsgsu.edu.in/images/3-Zoology-U.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-UG.pdf
SEC IV 613	Skill Enhancement Course (SEC): Apiculture	2020-21	YES	2020-21		25	http://www.dhsgsu.edu.in/images/3-Zoology-U.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-UG.pdf
1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/elective course system has been implemented (20)							
UG LEVEL							
ZOO SEC-I- 313	Skill Enhancement Course: Pisciculture	2016-17	YES	2016-2021	2016-17	NEWLY INTRODUCED	http://www.dhsgsu.edu.in/images/3-Zoology-U.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-UG.pdf
ZOO Sec-II-413	Skill Enhancement Course (SEC): Poultry Farming	2016-17	YES	2016-2021	2016-17	NEWLY INTRODUCED	http://www.dhsgsu.edu.in/images/3-Zoology-U.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-UG.pdf
ZOO SEC III 513	Skill Enhancement Course (SEC): Sericulture	2016-17	YES	2016-2021	2016-17	NEWLY INTRODUCED	http://www.dhsgsu.edu.in/images/3-Zoology-U.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-UG.pdf
ZOO SEC IV 613	Skill Enhancement Course (SEC): Apiculture	2016-17	YES	2016-2021	2016-17	NEWLY INTRODUCED	http://www.dhsgsu.edu.in/images/3-Zoology-U.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-UG.pdf
PG LEVEL							
P-V ZOO-E-229T*	Genetic Engineering	2016-17	YES	2016-2021	2018-19	NEWLY INTRODUCED	http://www.dhsgsu.edu.in/images/1-Zoology-P.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-PG-Autosaved.pdf
P-V ZOO-E-229T*	Molecular Taxonomy and DNA Barcoding	2016-17	NO	NA	NA	NEWLY INTRODUCED	
P-V ZOO-E-229T*	Free radicals, Oxidative Stress and Antioxidants	2016-17	YES	2016-2021	2018-19	NEWLY INTRODUCED	http://www.dhsgsu.edu.in/images/1-Zoology-P.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-PG-Autosaved.pdf
P-V ZOO-E-229T*	Medical Biochemistry	2016-17	NO	NA	NA	NEWLY INTRODUCED	http://www.dhsgsu.edu.in/images/1-Zoology-P.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-PG-Autosaved.pdf
ZOO- OE- 229	OPEN ELECTIVE-Genetic Engineering	2016-17	yes	2016-2021	2018-19	NEWLY INTRODUCED	http://www.dhsgsu.edu.in/images/1-Zoology-P.G.-NEW-SYLLABUS-ZOOLOGY-2019_20-PG-Autosaved.pdf