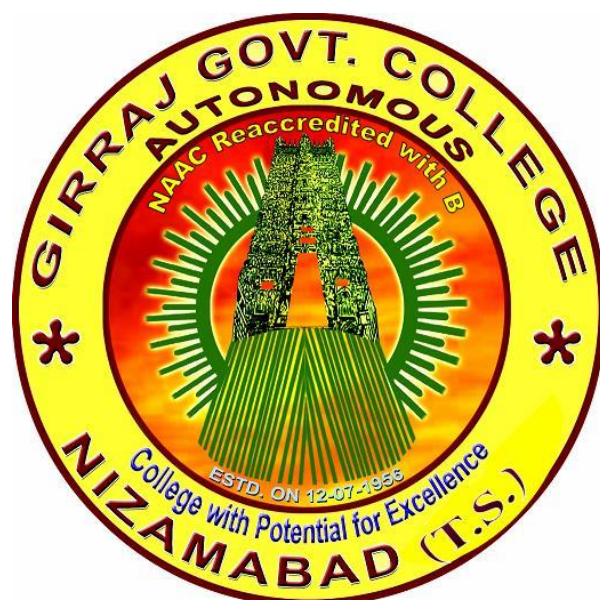


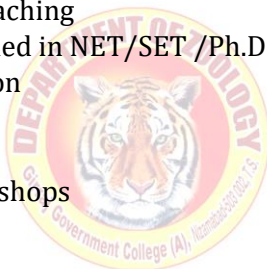
GIRRAJ GOVERNMENT COLLEGE NIZAMABAD



PROFILE OF THE ZOOLOGY DEPARTMENT

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ABOUT THE DEPARTMENT

The department of Zoology was foremost and prestigious department of the esteemed GIRRAJ GOVERNMENT COLLEGE, NIZAMABAD which established in the year **1956**. The department tendered immaculate service of fifty five years so far and creating zeal and interest towards subject.

There were only two staff members in the department at the time of inception. Later on the staff members had been increased to Seven in the department. There are two well equipped laboratories for UG courses and 2 for PG course. There is a museum with number of stuffed animals and other models available for pursuing education.

This department is adorned with name and fame, quite efficient and has produced meritorious students. Every year number of students getting admissions in to post graduate course in ZOOLOGY and other allied subjects of OSMANIA UNIVERSITY, KAKATIYA UNIVERSITY, and other universities in the country.

The department was also introduced P.G. Course in the ZOOLOGY subject in the academic year 2005 -06 on self-finance basis with fisheries as a specialization which is offered in the final year of the course.

Students from the different districts i.e. Adilabad, Karimnagar and Medak and along with different corner of native District Nizamabad had been taking admissions in every year since establishment of the department in the college.

VISION OF THE DEPARTMENT

- To offer academic flexibility by means of Choice based credit systems and the like.
- To identify and introduce new specializations and offer programs in emerging areas therein.
- To incorporate into the curriculum the Application orientation and use high standards of competence for academic delivery.
- To design and implement educational system adhering to outcome based International models.
- To introduce and implement innovation in teaching and learning process to strengthen academic delivery
- To promote inter-disciplinary studies and create needful facilities that enhance inter-disciplinary approach and innovation
- To establish centers of excellence in frontier areas of research, and design innovation centers with industry collaboration
- To create environment to innovate and incubate the products and services that addresses the societal requirements
- To integrate research into all academic programs
- To offer academic programs at UG, PG which are industry focused, and incorporates Trans-discipline, inter-discipline aspects of the education system
- To deliver higher education that includes technologies and meeting the global requirements
- To promote International conferences / Seminars / Workshops / in collaboration with professional bodies for creation of avenues for research exchange

Succession list of Head of the Department of zoology

S.No.	Name of the Head	Period
1	Sri. Laxman Rao	1956-64
2	Smt . Sarojini	1965-69
3	Sri.Rama Rao	1969-77
4	Dr.Muralidhar Rao	1977-79
5	Sri, Bhaktha vijayudu	1979-86
6	Sri.Ramachandhar Rao	1986-87
7	Sri.Bhaktha vijayudu	1987-02
8	Dr.Chiluveru Vidyasagar	2002-07
9	Sri. M.Shankariah	2007-10
10	Dr.C.Rajendra Sagar	2010-15
11	Dr.T.Venugopala Swamy	2015-18
12	Sri, G.Srinivas Reddy	2018-

INFRASTRUCTURE

- Department of Zoology has a well-equipped four laboratories, one staff room and one store room.
- Department has a Projector, one computer system with net connection.
- Department maintains a Departmental Library which has 50 reference books.
- In the College main library, UG & PG has about 1624 number of reference books and text books.
- The Department of Zoology maintains a museum which consists of stuffed Wild and domestic animals. The museum caters to the needs of students for their practical work

COURSES OFFERED:

S.No.	COURSES OFFERED	MEDIUM
1	B.Sc.BZC (BOTANY ,ZOOLOGY ,CHEMISTRY)	TELUGU
2	B.Sc.BZC (BOTANY ,ZOOLOGY ,CHEMISTRY)	ENGLISH
3	B.Sc.MBZC (MICROBIOLOGY ,ZOOLOGY ,CHEMISTRY)	ENGLISH
4	B.Sc.BCZC (BIOCHEMISTRY ,ZOOLOGY ,CHEMISTRY)	ENGLISH
5	B.Sc.BTZC (BIOTECHNOLOY ,ZOOLOGY ,CHEMISTRY)	ENGLISH
6	M.Sc. ZOOLOGY	ENGLISH

COURSES OFFERED : **ACADEMIC YEAR-2019-2020**

S.No.	COURSES OFFERED	MEDIUM
1	B.Sc.BZC (BOTANY ,ZOOLOGY ,CHEMISTRY)	TELUGU
2	B.Sc.BZC (BOTANY ,ZOOLOGY ,CHEMISTRY)	ENGLISH
3	B.Sc.BCZC (BIOCHEMISTRY ,ZOOLOGY ,CHEMISTRY)	ENGLISH
4	B.Sc.MBZC (MICROBIOLOGY ,ZOOLOGY ,CHEMISTRY)	ENGLISH
5	B.Sc.BTZC (BIOTECHNOLOY ,ZOOLOGY ,CHEMISTRY)	ENGLISH
6	B.Sc.BZM(BOTANY, ZOOLOGY, MICROBIOLOGY)	ENGLISH
7	B.Sc.Bt.B.Z(BIOTECHNOLOY, BOTANY, ZOOLOGY)	ENGLISH

COURSES OFFERED : **ACADEMIC YEAR-2020-2021**

S.No.	COURSES OFFERED	MEDIUM
1	B.Sc.BZC (BOTANY ,ZOOLOGY ,CHEMISTRY)	TELUGU
2	B.Sc.BZC (BOTANY ,ZOOLOGY ,CHEMISTRY)	ENGLISH
3	B.Sc.Bt.B.Z(MICROBIOLOGY, ZOOLOGY, BIOTECHNOLOGY)	ENGLISH
4	B.Sc.BZCs (BOTANY ,ZOOLOGY ,computer science)	ENGLISH
5	B.Sc.BTZC (BIOTECHNOLOGY ,ZOOLOGY ,CHEMISTRY)	ENGLISH
6	B.Sc.MBZC (MICROBIOLOGY ,ZOOLOGY ,CHEMISTRY)	ENGLISH
7	B.Sc.B.Z,BT (BOTANY, ZOOLOGY, BIOTECHNOLOGY)	ENGLISH
8	B.Sc.BZPsy(BOTANY, ZOOLOGY, Psychology)	ENGLISH
9	B.Sc.BTZPsy (BIOTECHNOLOGY ,ZOOLOGY , Psychology)	ENGLISH
10	B.Sc.MBZPSy (MICROBIOLOGY ,ZOOLOGY , Psychology)	ENGLISH
11	B.Sc.MBZCs (MICROBIOLOGY ,ZOOLOGY , computer science)	ENGLISH



4.STAFF PARTICULARS :

- ❖ Faculty having Ph.D. Degree : 2
- ❖ Faculty pursuing Ph.D. : 1
- ❖ Faculty having NET/SET : 4

UG FACULTY

Sl.No.	Name of the faculty	Qualification	Designation	Specialization	Service in years
1	G.Srinivas Reddy	M.Sc. M.Ed. SET Ph.D. (Pursuing)	HOD	Applied Endocrinology	25
2	G.Devidas	M.Sc. B.Ed. SET	Asst. Professor	Helminthology	8
3	Dr. Rafia Yasmeen	M.Sc. B.Ed. M. Phil SET Ph.D.	Asst. Professor	Comparative Animal physiology	8
4	B.DEEPAK	M.Sc., B.Ed.	Lecturer	Entomology	10

PG FACULTY

S. No	Name of the faculty	Qualification	Designation	Specialization	Service in years
1	G.Srinivas Reddy	M.Sc. M.Ed. SET (Ph.D.)	HOD	Applied Endocrinology	25
2	Dr. A. Sunil Kumar	M.Sc. B.Ed. Ph.D.	Lecturer	Fisheries	16
3	A.Lavanya	M.Sc. B.Ed.	Lecturer	Endocrinology	7
4	Salander Abbu	M.Sc. SET	Lecturer	Applied Endocrinology	4
5	Farana Begum	M.Sc. B.Ed.	Lecturer	Fisheries	7

INDIVIDUAL PROFILE

1	NAME	G.Srinivas reddy
2	FATHERS NAME	G.Rukma Reddy
3	DATE OF BIRTH	10-05-1965
4	DESIGNATION	Asst.Professor in zoology & HOD
5	EDUCATIONAL QUALIFICATION	M.Sc.
6	ADDITIONAL QUALIFICATION	M.Ed. Ph.D. (pursuing)
7	TEACHING EXPERIENCE	22 (SA-5 Years JL 15 DL 2)
8	Positions and activities in the college	1.District Resource center -Treasurer 2.UGC NET Centre-Member
9	Publications	1.A study of physico-chemical parameters and fish diversity of Nizamsagar Dam, Nizamabad, TS , International journal of fisheries and Aquatic studies ISSN. 2347-5129.
10	Seminars and workshop Attended /Paper Presented in Seminars	<p>1.presented a paper in the national seminar on “Recent advances in organic chemistry “ on 20-11- 2010</p> <p>2. presented a paper in the national seminar on” Biodiversity conservation and role of student youth” on 21,22-12-2015 ISBN 978-93-84659-29-5.</p> <p>3. presented a paper in the national seminar on “ Medicinal plants for better human health” on 28,29-01-2016 ISBN 978-93-84659-27-1.</p> <p>4. presented a paper in the national seminar on “ Modern approaches in animal sciences and applied biology” on 4-02-2016 ISBN 978-93-84659-34-9</p> <p>5.presented a paper in the national seminar on “ A perspective of indigenous goshala – A study of ankush” ISBN 978-93-5240-104-8</p> <p>6. presented a paper in the national seminar on “ Importance of ethno medicinal validation of regional flora and fauna for depending value added products” 29-12-2017</p> <p>7.Convener of the work shop on “Technological Advances In Animal Sciences” March., 26-27, 2019 Supported by UGC Autonomy Grants , Organized by Department Of Zoology ,Girraj Government College, Nizamabad.</p>
11	Books	<p>1. Convener of the intermediate zoology first year study material, published by G.J.L.A.Nizamabad</p> <p>2. Convener of the EAMCET zoology study</p>

		<p>material published by, District collector, Nizamabad</p> <p>3. DSC -2008 Question bank , free coaching for BC candidates appearing for SGT examinations.</p>
12	Training programs	<p>1. District resource person for the training program of Jls from 3-11-2012 to 4-11-2012</p> <p>2. District resource person for practical orientation program of Junior Lecturers on 3-01-2013</p> <p>3. District resource person for training program of Jls from 26-11-2015 to 19-12-2015</p>
	Other activities	
		<p>Award and Honors:</p> <p>1. Received commendation certificate from District Vocational Educational Officer\</p> <p>2. Jury member district level science fare 2002, 2013, 2014, 2016 and 2017</p> <p>3. Jury member district level science seminars 2013 -2016 and 2018</p> <p>4. Jury member district level national children science congress 2014</p> <p>5. Jury member district level INSPIRE science awards 2013-2015</p> <p>6. Member of Board of Studies in Zoology , Telangana University, Dichpally, Nizamabad. 2017-18 to 2018-19</p>

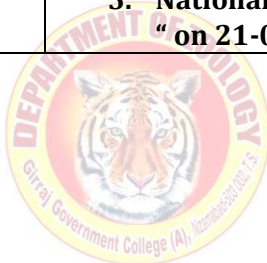
1	NAME	Rafia Yasmeen
2	FATHERS NAME	Mohd. Naseeruddin
3	DATE OF BIRTH	04-12-1977

4	DESIGNATION	Asst. Professor of ZOOLOGY
5	EDUCATIONAL QUALIFICATION	M.Sc.
6	ADDITIONAL QUALIFICATION	B.Ed. SET , M.Phil. Ph.D. (Pursuing)
7	TEACHING EXPERIENCE	6 years (4 years JL., 2 years DL)
8	Positions and activities in the college	MANA TV coordinator , Women Welfare and Empowerment Cell member Appointed as a BoS chairperson , TU , Dept. Fisheries
9	Publications	2 papers published International Journal. 2 papers published national Journal.
10	Seminars and workshop Attended /Paper Presented in Seminars	3 seminars 2 workshop
11	Other activities	1.Training program on Health initiatives and Adolescence –BHAGYA 2. Induction training program – NIPUNA -2017

1	NAME	G.DEVIDAS
2	FATHERS NAME	G.GANGARAM
3	DATE OF BIRTH	04-11-1974
4	DESIGNATION	Asst.Professor of Zoology
5	EDUCATIONAL QUALIFICATION	M.Sc.
6	ADDITIONAL QUALIFICATION	B.Ed. SET
7	TEACHING EXPERIENCE	6 years (4 JL ,2 DL)
8	Positions and activities in the college	In charge of Microbiology
9	Publications	
10	Seminars and workshop Attended /Paper Presented in Seminars	1 workshop
11	Other activities	

1	NAME	B.DEEPAK
2	FATHERS NAME	LINGANNA

3	DATE OF BIRTH	01-06-1986
4	DESIGNATION	LECTURER IN ZOOLOGY (CONTRACT)
5	EDUCATIONAL QUALIFICATION	M.SC.
6	ADDITIONAL QUALIFICATION	B.Ed.
7	TEACHING EXPERIENCE	08 Years Govt Degree college, Chandur Nalgonda Dist 2011-2014 Govt Degree college Bichkunda Kamareddy Dist 2014-2016 Girraj Govt college Nizamabad 2016 to till today
8	Seminars and workshop Attended /Paper Presented in Seminars	<ol style="list-style-type: none"> 1. Work shop Attended on "APPLICATIONS OF BIOTECHNOLOGY IN LIFE SCIENCES" ON 29-3-2011 2. National seminar on " Bioresources Utilization and management : on 22-12-2016 3. Work shop Attended on "current trends in applied biology on 17,18-01-2018 4. Work shop Attended on" Advances in plant biology and ecology " on 9,10-4-2018 5. National seminar on " entomology -public health " on 21-08-2018



1	NAME	Dr.A.SUNIL KUMAR
2	FATHERS NAME	A.PRAKASHAM
3	DATE OF BIRTH	07-07-1980

4	DESIGNATION	LECTURER IN ZOOLOGY
5	EDUCATIONAL QUALIFICATION	M.Sc.
6	ADDITIONAL QUALIFICATION	PGDCA ,B.Ed. ,. Ph.D.
7	TEACHING EXPERIENCE	16 years 1.Working as a PG lecturer in G G College,Nizamabad from 2006 to Till Today
8	EXTENSION WORK	1.Engaged extension lectures (3) at GDC. Banswada. 2. Engaged extension lectures at GG College, Dept. of Economics 3. Engaged extension lecture at GDC , Kamareddy. Dept. of Zoology 4. Engaged extension lecture at Narendra Degree &PG College ,Dept. of Zoology
10	PUBLICATIONS	1. 2 paper published in National Journal. 2. 22 National & 4 International Seminars attended. 3. 6 papers published International Journal.
11	Books	1.Hand Book of Biological Protocols 2.Manual of experimental Aquatic Biology
12	WORK SHOP	1. National Seminars organized(organizing secretary) 2.Work shop organized on “APPLICATIONS OF BIOTECHNOLOGY IN LIFE SCIENCES” ON 29-3-2011 3. National Seminars organized(organizing secretary) 4. Science Academy Work shop organized (organizing secretary) 5.The work shop as organized has organizing secretary) work shop on “ Technological Advances In Animal Sciences” March., 26-27, 2019 Supported by UGC Autonomy Grants , Organized by Department Of Zoology ,Girraj Government College, Nizamabad.
13	RESEARCH WORK	Worked as Co-Investigator for MINOR RESEARCH PROJECT Sanctioned by UGC – DELHI.

1	NAME	A.Lavanya
2	FATHERS NAME	A.Gangaram
3	DATE OF BIRTH	10-04-1988

4	DESIGNATION	LECTURER IN ZOOLOGY
5	EDUCATIONAL QUALIFICATION	M.Sc.
6	ADDITIONAL QUALIFICATION	B.Ed. PGDCA
7	TEACHING EXPERIENCE	7 year (2JL 5PG-G)
8	Seminars and workshop Attended /Paper Presented in Seminars	1. Attended Science Academy Lecture Work shop on “Current Trends In Applied Biology” 2. Attended Science Academy Lecture Work shop on “Advances In Plant Biology And Ecology” 3. Attended Science Academy Lecture Work shop on “Technological advances in animal sciences”

1	NAME	Salander Abbu
2	FATHERS NAME	Sailu
3	DATE OF BIRTH	06-10-1991
4	DESIGNATION	LECTURER IN ZOOLOGY(GUEST- PG COURSES)
5	EDUCATIONAL QUALIFICATION	M.Sc.SET
6	ADDITIONAL QUALIFICATION	DCA ,DTP
7	TEACHING EXPERIENCE	4 YEARS
8	SEMINARS & WORK SHOP	Participated in the 1 National seminar Participated in the 1 work shops WEBINAR as a organizing committee member

1	NAME	FARANA BEGUM
2	FATHERS NAME	EQBAL BAIIG
3	DATE OF BIRTH	12-02-1989
4	DESIGNATION	Lecturer in Zoology –Guest
5	EDUCATIONAL QUALIFICATION	M.Sc.
6	ADDITIONAL QUALIFICATION	B.Ed DCA
7	TEACHING EXPERIENCE	3 YEARS UG,4 YEARS(2Y-GG;2Y-NARENDRA PGCOLLEGE)
8	SEMINARS & WORK SHOP	Participated in the 1 National seminar 1. DRUG Chemistry 2. Academy Lecture work shop on current trends in applied zoology 3. Environmental conservation 4. Plant seed technology-TU 5. Medicinal Botany 6. Paper presentation at GG on-diabetes types

Non teaching-staff

S.No	Name of the faculty	Designation
1	NIL	

5.STUDENT DETAILS

S.No	Class	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
1	B.Sc.(BZC) I yr.T/M	88	77	72	69	52	56
2	B.Sc.(BZC), I yr E/M	44	39	50	45	28	45
3	B.Sc.(MB Z C),I yr	44	35	37	37	28	46
4	B.Sc.(BC Z C),I yr.	54	50	24	48	29	46
5	B.Sc.(BT Z C),I yr	--	--	--	--	--	--
6	B.Sc.(BZC),II yr. T/M	78	62	60	47	61	52
7	B.Sc.(BZC),II yrE/M	45	27	30	36	43	28
8	B.Sc.(MB Z C),II yr.	34	25	31	27	31	29
9	B.Sc.(BC Z C), II yr.	39	43	43	17	45	28
10	B.Sc.(BZC),III yr. T/M	58	69	60	58	53	61
11	B.Sc.(BZC),III yr. E/M	32	34	20	27	36	43
12	B.Sc.(MB Z C),III yr.	18	25	25	29	27	45
13	B.Sc. (BCZ C), III yr.	32	26	42	41	17	31
14	M.Sc. Previous	30	30	30	30	30	30
15	M.Sc. Final	26	26	24	14	24	25

ACADEMIC YEAR-2019-2020

S.No.	COURSES OFFERED	Student Enrolment
		202

1	B.Sc.BZC (BOTANY ,ZOOLOGY ,CHEMISTRY)	
2	B.Sc.BCZC (BIOCHEMISTRY ,ZOOLOGY ,CHEMISTRY)	08
3	B.Sc.MBZC (MICROBIOLOGY ,ZOOLOGY ,CHEMISTRY)	12
4	B.Sc.BTZC (BIOTECHNOLOGY ,ZOOLOGY ,CHEMISTRY)	14
5	B.Sc.BZM(BOTANY, ZOOLOGY, MICROBIOLOGY)	01
6	B.Sc.Bt.B.Z(BIOTECHNOLOGY, BOTANY, ZOOLOGY)	03
	TOTAL	240

ACADEMIC YEAR-2020-2021

S.No.	COURSES OFFERED	Student Enrolment
1	B.Sc.BZC (BOTANY ,ZOOLOGY ,CHEMISTRY)	192
2	B.Sc.Bt.B.Z(MICROBIOLOGY, ZOOLOGY, BIOTECHNOLOGY)	04
3	B.Sc.BZCs (BOTANY ,ZOOLOGY ,computer science)	14
4	B.Sc.BTZC (BIOTECHNOLOGY ,ZOOLOGY ,CHEMISTRY)	08
5	B.Sc.MBZC (MICROBIOLOGY ,ZOOLOGY ,CHEMISTRY)	30
6	B.Sc.B.Z,BT (BOTANY, ZOOLOGY, BIOTECHNOLOGY)	15
7	B.Sc.BZPsy(BOTANY, ZOOLOGY, Psychology)	02
8	B.Sc.BTZPsy (BIOTECHNOLOGY ,ZOOLOGY , Psychology)	01
9	B.Sc.MBZPSy (MICROBIOLOGY ,ZOOLOGY , Psychology)	02
10	B.Sc.MBZCs (MICROBIOLOGY ,ZOOLOGY , computer science)	01
	TOTAL	269

**GIRRAJ GOVERNMENT COLLEGE (A) , NIZAMABAD
DEPARTMENT OF ZOOLOGY**

B.Sc.-I,II,III Year students strength

ACADEMIC YEAR-2020-2021

s.No.	Subject	I year	II Year	III Year	Total
2	zoology	273	209	228	710

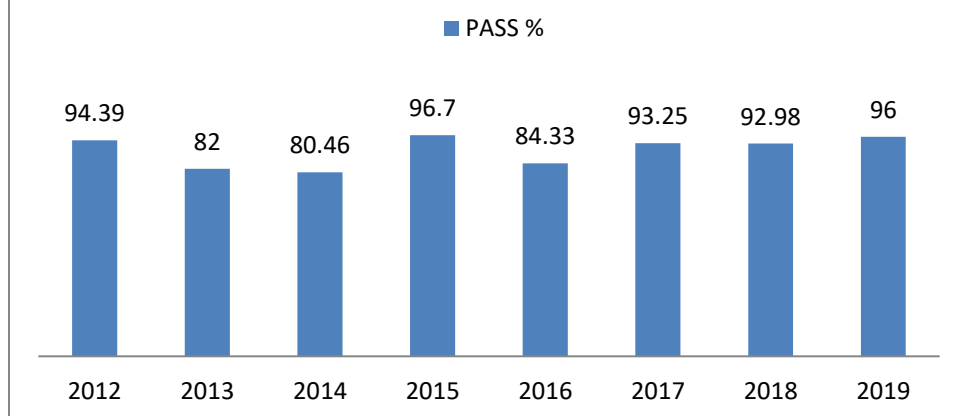


RESULT ANALYSIS - SUBJECT - ZOOLOGY

B.Sc.(BZC) –II SEMESTER RESULT ANALYSIS 2012 TO 2020

TOTAL APPEARED	107	100	87	90	83	89	57	75
PASSED	101	82	70	87	70	83	53	72
PASS %	94.39	82	80.46	96.7	84.33	93.25	92.98	96

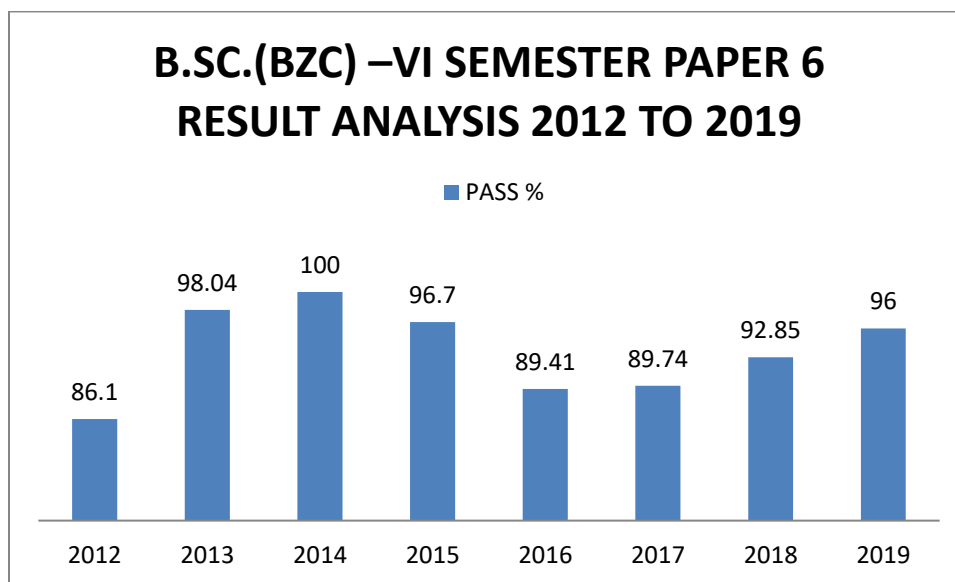
B.Sc..(BZC) – IV SEMESTER RESULT ANALYSIS 2012 TO 2019



B.S.C.(BZC) –VI SEMESTER PAPER 6 RESULT ANALYSIS 2012 TO 2020

	2012	2013	2014	2015	2016	2017	2018	2019
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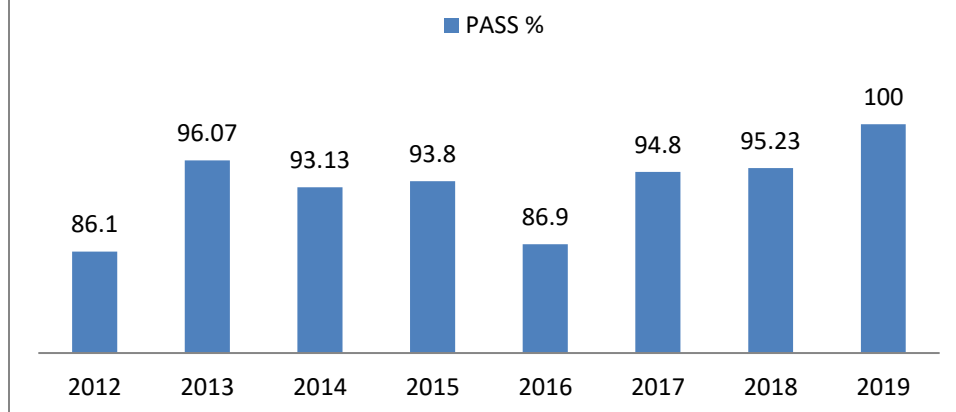
TOTAL APPEARED	79	102	103	80	85	78	84	51
PASSED	68	100	103	77	76	70	78	49
PASS %	86.1	98.04	100	96.7	89.41	89.74	92.85	96



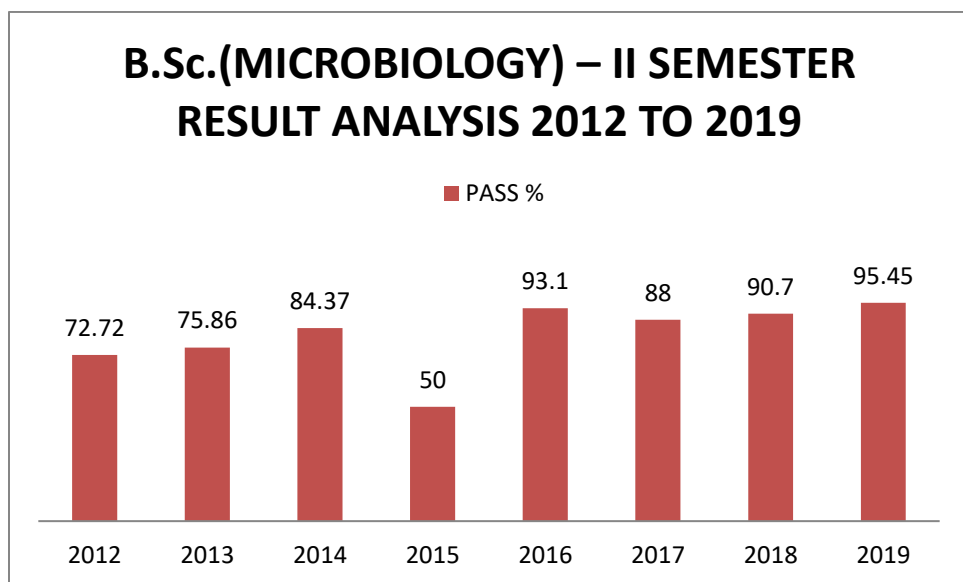
B.SC.(BZC) –VI SEMESTER PAPER 8 RESULT ANALYSIS 2012 TO 2020

	2012	2013	2014	2015	2016	2017	2018	2019
TOTAL APPEARED	79	102	102	80	84	77	84	51
PASSED	68	98	95	75	73	73	80	51
PASS %	86.1	96.07	93.13	93.8	86.90	94.80	95.23	100

B.SC.(BZC) –VI SEMESTER PAPER 8 RESULT ANALYSIS 2012 TO 2019



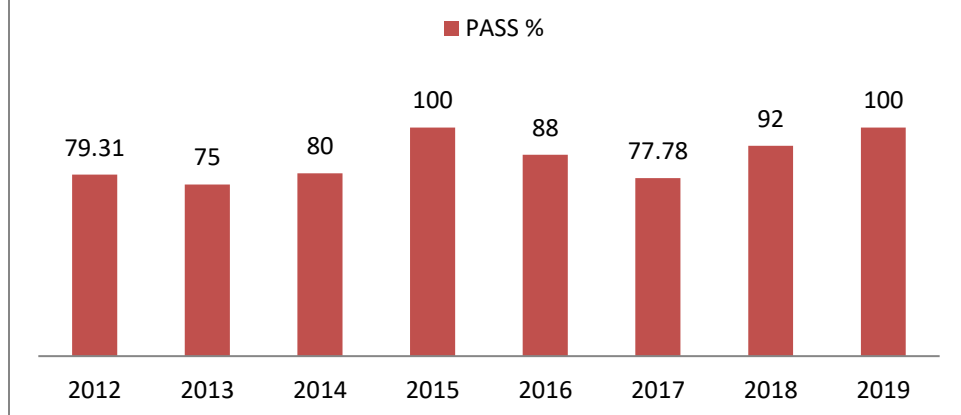
	2012	2013	2014	2015	2016	2017	2018	2019
TOTAL APPEARED	33	29	32	30	29	25	43	22
PASSED	24	22	27	15	27	22	39	21
PASS %	72.72	75.86	84.37	50	93.10	88.0	90.70	95.45



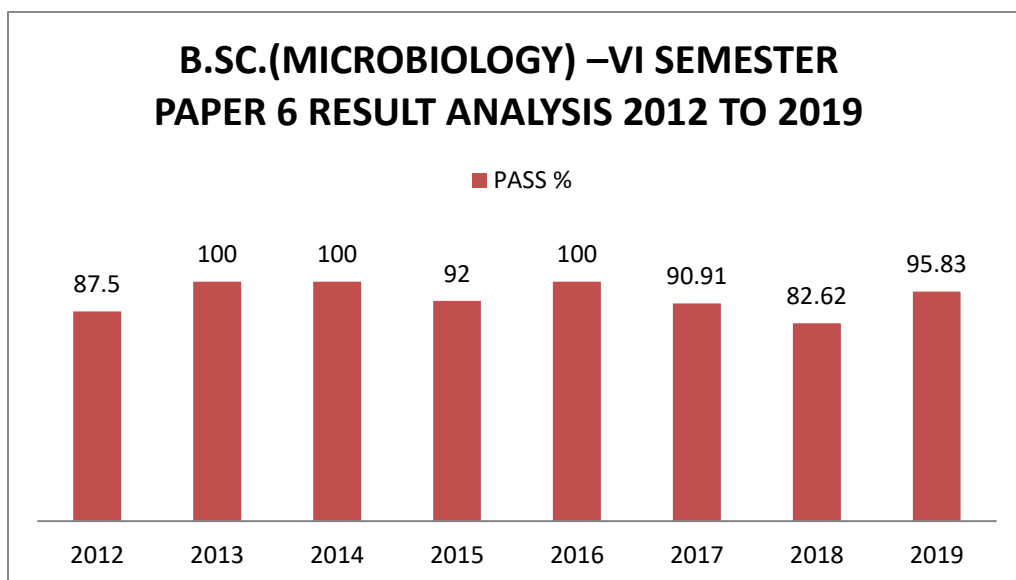
B.SC.(MICROBIOLOGY) –IV SEMESTER RESULT ANALYSIS 2012 TO 2020

	2012	2013	2014	2015	2016	2017	2018	2019
TOTAL APPEARED	29	28	25	31	25	27	25	38
PASSED	23	21	20	31	22	21	23	38
PASS %	79.31	75	80	100	88	77.78	92.0	100

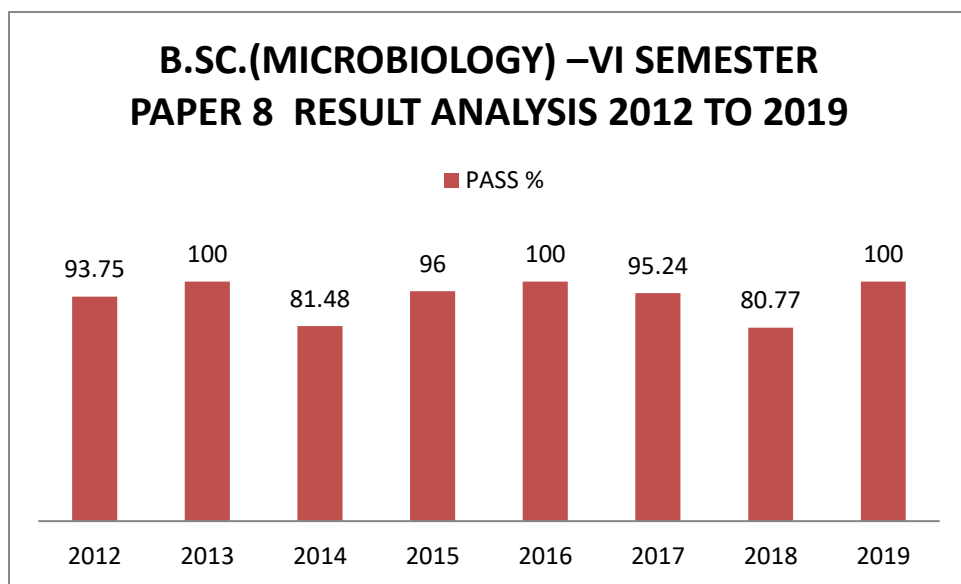
B.SC.(MICROBIOLOGY) –IV SEMESTER RESULT ANALYSIS 2012 TO 2019



	2012	2013	2014	2015	2016	2017	2018	2019
TOTAL APPEARED	16	29	27	25	29	22	26	24
PASSED	14	29	27	23	29	20	22	23
PASS %	87.5	100	100	92	100	90.91	82.62	95.83

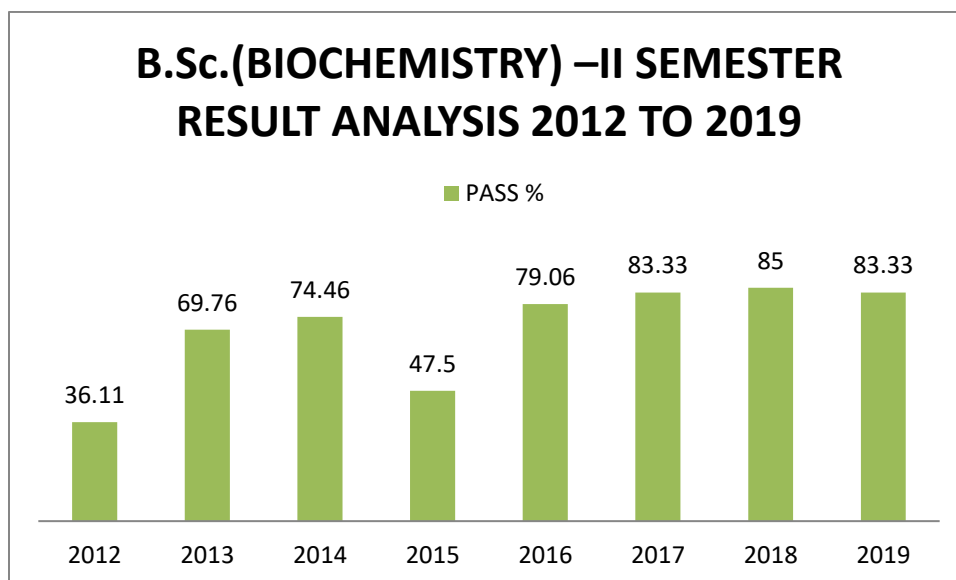


	2012	2013	2014	2015	2016	2017	2018	2019
TOTAL APPEARED	16	28	27	25	29	21	26	24
PASSED	15	28	22	24	29	20	21	24
PASS %	93.75	100	81.48	96	100	95.24	80.77	100



B.Sc.(BIOCHEMISTRY) –II SEMESTER RESULT ANALYSIS 2012 TO 2020

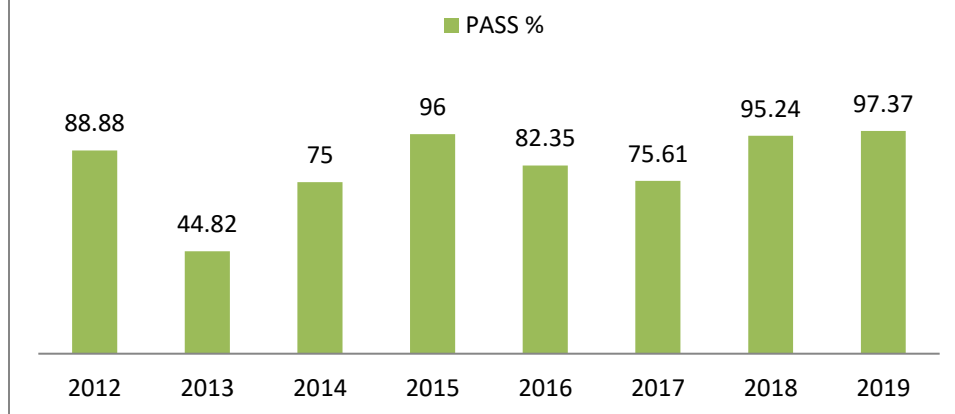
	2012	2013	2014	2015	2016	2017	2018	2019
TOTAL APPEARED	36	43	47	19	43	24	40	24
PASSED	13	30	35	9	34	20	34	20
PASS %	36.11	69.76	74.46	47.5	79.06	83.33	85.0	83.33



B.SC.(BIOCHEMISTRY) –IV SEMESTER RESULT ANALYSIS 2012 TO 2020

	2012	2013	2014	2015	2016	2017	2018	2019
TOTAL APPEARED	36	29	40	43	17	41	21	38
PASSED	32	13	30	41	14	31	20	37
PASS %	88.88	44.82	75	96	82.35	75.61	95.24	97.37

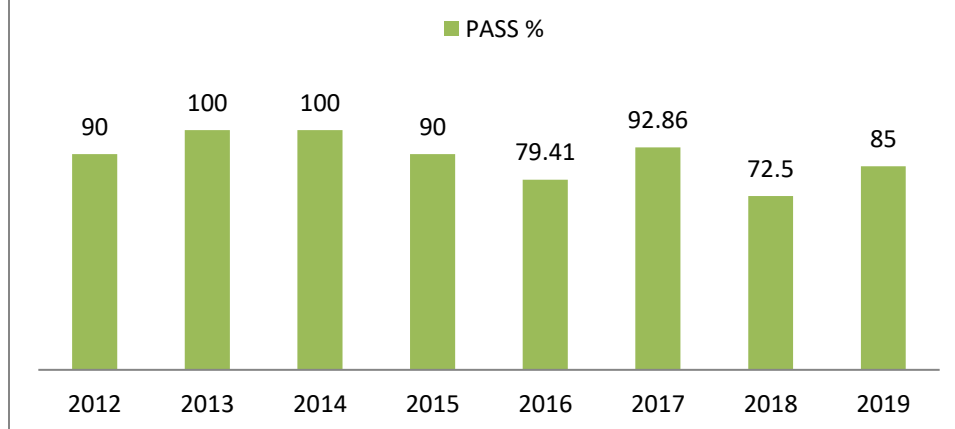
B.SC.(BIOCHEMISTRY) –IV SEMESTER RESULT ANALYSIS 2012 TO 2019



B.SC.(BIOCHEMISTRY) –VI SEMESTER PAPER 6 RESULT ANALYSIS 2012 TO 2020

	2012	2013	2014	2015	2016	2017	2018	2019
TOTAL APPEARED	30	36	32	42	34	14	40	20
PASSED	27	36	32	38	27	13	29	17
PASS %	90	100	100	90	79.41	92.86	72.5	85

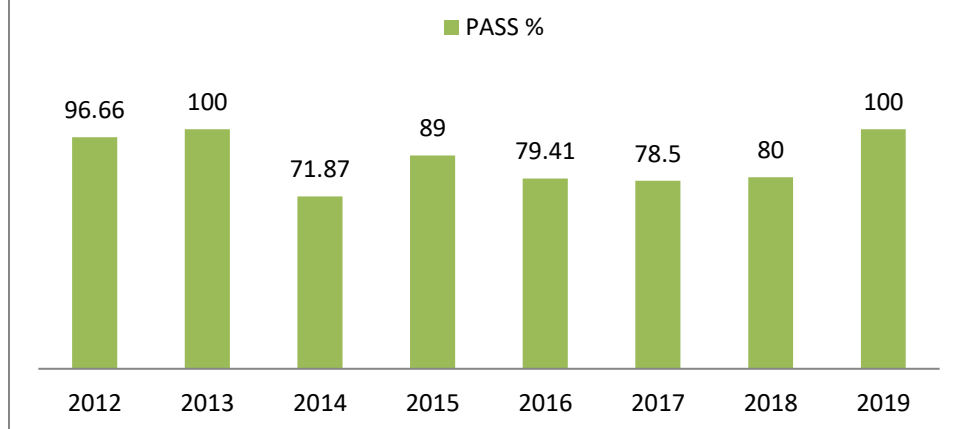
B.SC.(BIOCHEMISTRY) –VI SEMESTER PAPER 6 RESULT ANALYSIS 2012 TO 2019



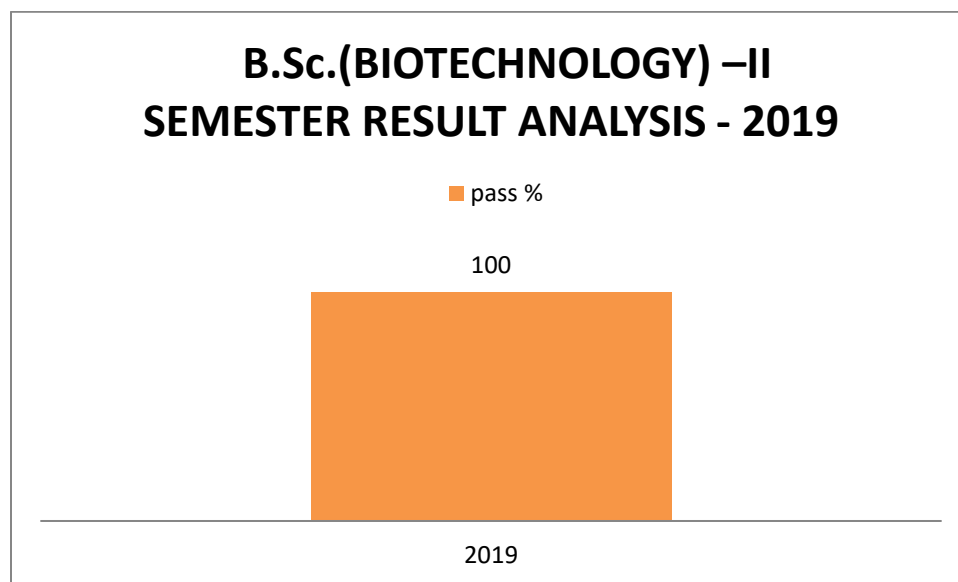
B.SC.(BIOCHEMISTRY) –VI SEMESTER PAPER 8 RESULT ANALYSIS 2012 TO 2020

	2012	2013	2014	2015	2016	2017	2018	2019
TOTAL APPEARED	30	36	32	42	34	14	40	20
PASSED	29	36	23	37	27	11	32	20
PASS %	96.66	100	71.87	89	79.41	78.5	80.00	100

B.SC.(BIOCHEMISTRY) –VI SEMESTER PAPER 8 RESULT ANALYSIS 2012 TO 2019



	2012	2013	2014	2015	2016	2017	2018	2019
TOTAL APPEARED								46
PASSED								46
PASS %								100



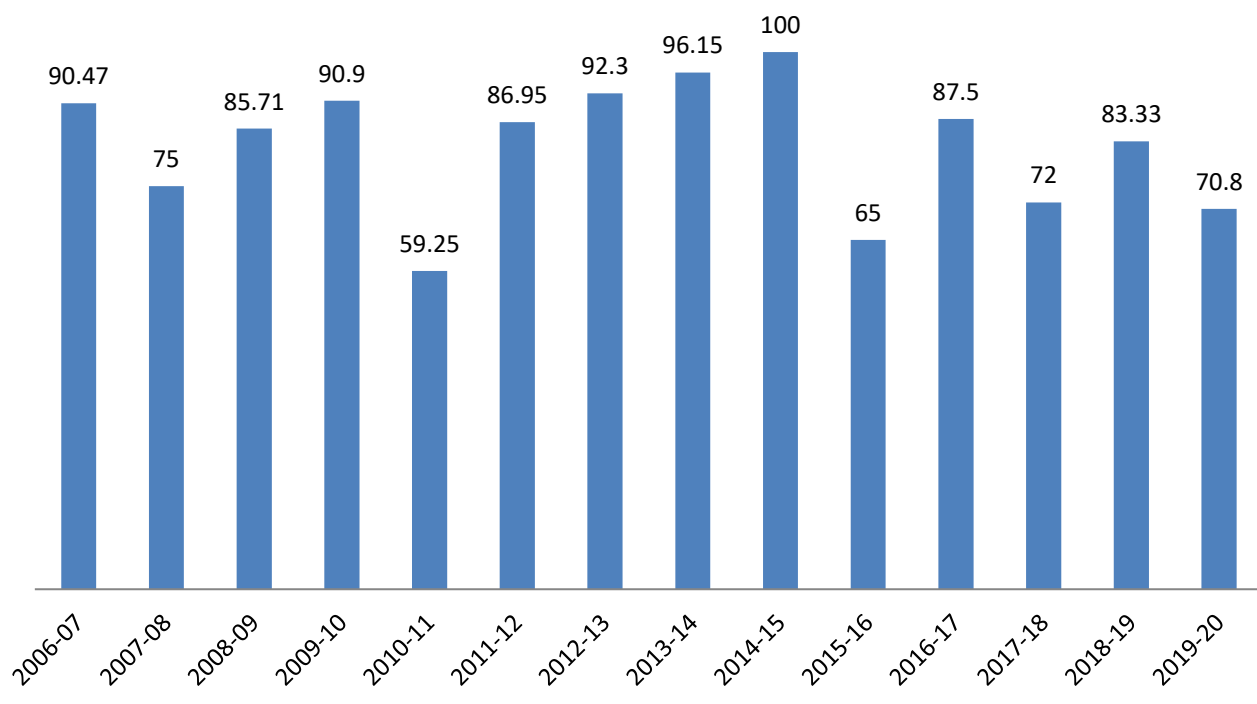
RESULT ANALYSIS OF II SEMESTER(zoology with All combination) JAN-2021 (2019-20 BATCH)						
SUBJECT	TOTAL			ENG		
	PASS	ABS	FAIL	PASS	ABS	FAIL
ZOOLOGY-II	167	18	24	167	18	24

GIRRAJ GOVT. COLLEGE(A), NIZAMABAD														
RESULT ANALYSIS OF IV SEMESTER(zoology with All combination) (JAN-2021) EXAMINATIONS (2019-20 BATCH)														
SUBJECT	TOTAL						ENGLISH MEDIUM				TELUGU MEDIUM			
	ALLOTED	ABS	PRESENT	PASS	PASS%	FAIL	PASS	PASS %	ABS	FAIL	PASS	PASS %	ABS	FAIL
ZOOLOGY-IV	227	12	215	189	87.91	26	154	90.06	6	17	35	79.55	6	9

GIRRAJ GOVERNMENT COLLEGE (A) , NIZAMABAD
DEPARTMENT OF ZOOLOGY
M.Sc. ZOOLOGY – RESULT ANALYSIS
FROM 2006-2007 TO 2019-2020

YEAR	TOTAL APPEARED	DISTINCTION	I DIVISION	II DIVISION	III DIVISION	FAIL	TOTAL PASSED	PASS PERCENTAGE (%)
2006-07	21	01	10	08	--	02	19	90.47
2007-08	12	00	06	03	--	03	09	75.00
2008-09	28	02	16	06	--	04	24	85.71
2009-10	22	02	11	07	--	02	20	90.90
2010-11	27	06	09	01	--	11	16	59.25
2011-12	23	05	13	02	--	03	20	86.95
2012-13	26	05	17	02	--	02	24	92.30
2013-14	26	04	17	04	--	01	25	96.15
2014-15	24	13	11	0	--	00	24	100
2015-16	14	02	07	0	--	05	09	65
2016-17	24	02	19	0	--	03	21	87.5
2017-18	25	04	14	0	--	07	18	72
2018-19	24	09	11	0	--	04	20	83.33
2019-20	24	08	08	01	--	07	17	70.80

**M.Sc. ZOOLOGY – RESULT ANALYSIS
FROM 2006-2007 TO 2019-2020**



7. Curricular activities:

i.Revisions and Modification of syllabus

The BOS committee has to be constituted time to time where and when the syllabus is to be revised and modified

The details of the syllabus revised or modified.

Year	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
Percentage	25%	25%	100%1year introduced CBCS pattern	100%2year introduced CBCS pattern	100%3year introduced CBCS pattern	100%year introduced CBCS pattern

Revision of syllabus -2014-15 –CBCS pattern

As per guidelines given by the commissioner of collegiate Education Hyderabad. As on autonomous college introduced new syllabus under CBCS pattern from the academic year 2014015 and revised the syllabus I year and this adapted pattern is continued for this batch till the end of III year .

As per the instruction given by the Telangana State Higher Education Council and Syllabus prescribed by TSHEC under UGC guide line the common core syllabus is adapted under CBCS pattern is also followed by the this institution from the academic year 2016-17

II. BSc Three(3) Years Degree COURSE STRUCTURE AN SYLLABUS UNDER CBCS PATTERN

SUBJECT : ZOOLOGY w.e.f.2016-17

Year	Semester	Paper	Paper Title	No. of Credits	Exam Hrs.	Max. Marks		
						I.A	End Exam	Total
I	I	I-Core Theory	Animal Diversity-Invertebrates	3	3	30	70	100
		I-Core Practical	Animal Diversity-Invertebrates	2	3	-	50	50
	II	II-Core Theory	Ecology, Zoogeography and Animal behaviour	3	3	30	70	100
		II-Core Practical	Ecology, Zoogeography and Animal behavior	2	3	-	50	50
II	III	SEC-I	Public health and hygiene	2	2	30	70	100
		III-Core Theory	Animal Diversity-Vertebrates and Developmental Biology	3	3	30	70	100
		III-Core Practical	Animal Diversity-Vertebrates and Developmental Biology	2	3	-	50	50
	IV	SEC-II	Sericulture	2	2	30	70	100
		IV-Core Theory	Cell Biology, Genetics and Evolution	3	3	30	70	100
		IV-Core Practical	Cell Biology, Genetics and Evolution	2	3	-	50	50
III	V	SEC-III	Verbal reasoning for aptitude test	2	2	30	70	100
		GE-I	Preventive medicine	2	2	30	70	100
		V-Core Theory	Physiology and Biochemistry	3	3	30	70	100
		V-Core Practical	Physiology and Biochemistry	2	3	-	50	50
		VII-Elective Theory	A).Applied Zoology OR B).Entomology C).Sericulture	3	3	30	70	100
	VII-Elective Practical	A).Applied Zoology OR B).Entomology C).Sericulture	2	3	-	50	50	
	VI	SEC-IV	Quantitative aptitude test	2	2	30	70	100
		GE-II	Vermiculture	2	2	30	70	100
		Core-VI Theory	Immunology and Animal Biotechnology	3	3	30	70	100
		VI-Core Practical	Immunology and Animal Biotechnology	2	3	-	50	50
		VIII-Open Elective Theory	A).Medical Transcription	3	3	30	70	100
			B).Public Health and Hygiene					
			C). Aquatic Biology					
			D). Clinical Science					
VIII-Open Elective Practical		A).Medical Transcription	2	3	-	50	50	
	B).Public Health and Hygiene							
	C). Aquatic Biology							
	D). Clinical Science							
				52	60			1800

8. Teaching learning activities

i. Orientation program

The department has been organizing the orientation program for freshly admitted student in the department and gives future perspectives of the subject to the students

ii. Assignments

During the course of program the department has been given paper wise assignments to the students.

iii. Seminars

The department has been conducting the seminar as part of internal assessment of the students as part of teaching learning process which enhances the teaching skills among the students.



iv. Study projects

As the part of the curriculum the department has been assigning student study projects individual as well as group projects on various topics. This activity enable the students to expose the natural environment and to develop the research skills among the students.

i.

Field trips

The department has been regularly organizing field trips to UG & PG students. The main aim of the field trip is to give real time experience of the subject to the students which is learned in the class room.

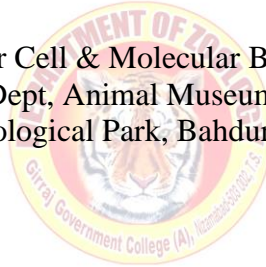
Academic year	Field trip to (place)	No. of students benefited
2013, 2015, 2017	Nehru Zoological park, Hyd.	50
2017	Sericulture fields	50
2012, 2013, 2014, 2015 and 2016	NFSF-National fish seed farm , sriram sagar project, Pocham pad	50







- Educational Tour to SRSP Hatchery centre Pochamphad (Fish Seed Production Dept)
- Educational Tour to Pearl Centre, (Central Marine Fisheries Research Institute) Vishakhapatnam
- Educational Tour to Centre for Cell & Molecular Biology, Hyderabad
- Educational Tour to Zoology Dept, Animal Museum, Osmania University, Hyderabad
- Educational Tour to Nehru Zoological Park, Bahdurpura, Hyderabad



ii. Guest / extension lectures

The department has been regularly organizing guest or extension lecturers by inviting prominent persons from the various colleges and Universities.

S.No.	Name of the resource persons	Date	Topic	No. of the students attended
1.	M.Chandra Kumar GDC Niramal	19-07-2013	Scope of biotechnology and gene cloning	38
2.	Dr.K.Ramarao GDC Jammikunta	07-01-2014	Shrimp eye stalk ablation	117
3.	S.Srinivas rao Care Degree college Nizamabad	12-02-2014	Gastrulation in prawn	55
4.	S.Srinivas rao Care Degree college Nizamabad	13-02-2014	Placenta	30
5.	S.Srinivas rao Care Degree college Nizamabad	15-02-2014	Neuclic acid DNA RNA	67
6.	S.Srinivas rao Care Degree college Nizamabad	18-02-2014	Lipids	65
7.	B.Srinivas CSI Degree college Nizamabad	19-02-2014	Parasites in human	30
8.	B.Srinivas CSI Degree college Nizamabad	21-02-2014	Fisheries resoures in india	26
9.	B.Srinivas CSI Degree college Nizamabad	22-02-2014	Fresh and brakish water culture	22
10.	M.Chandra Kumar GDC Niramal	17-02-2015	Scope of biotechnology in immunology	50
11.	M.Chandra Kumar GDC Niramal	23-09-2015	Nerve impulse	63
12.	Dr.K.Ramarao GDC Jammikunta	28-09-2015	Induced breeding	43
13.	J.Swamy	01-10-2016	Frog nervous system	84
14.	M.Chandra Kumar GDC Niramal	13-03-2017	Immunology	57
15.	M.Chandra Kumar GDC Niramal	13-09-2017	Nerve impulse	107



iii. Remedial class
The department has been conducting remedial class to the slow learners and to the students who failed in the subject

iv. Teaching aids
The department having the following teaching aids in addition to the conventional black board by which the teaching learning process will become more effective.

1. LC D Projector
2. Over Head Projector
3. Models and charts
4. Specimens and slides
5. Stuffed animals
6. Multimedia computer with internet connection

By using of above teaching aids the faculty of the department impart the knowledge among the students and develop the ICT based learning among the students.

v. Department library
The department has been maintaining the library in the department with 50 number of reference books, which are easily available for faculty members for ready reference.

8. Student support and progression

i. carrier guidance cell

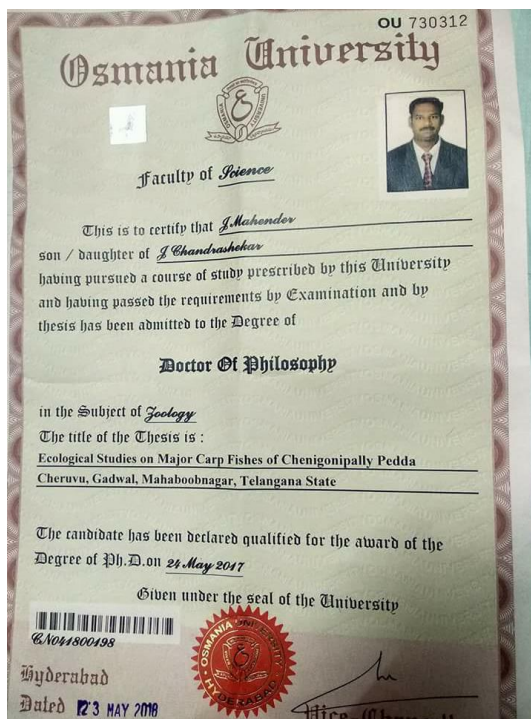
the department has constituted carrier guidance cell with two faculty members of the department to provide proper guidance to the outgoing students for their higher education, employment and research opportunities available for the students after graduation

ii. PG entrance coaching

The department has been giving PG entrance coaching to the students who are interested in the subject, zoology

iii. Students qualified in NET/SET /Ph.D.

1. . Mr.B.Shrishylum qualified in TS-SET and Ph.D. in Osmania University.
2. Mr.B. Shiva prasad qualified in TS-SET
3. Mr.M.Sainath qualified in TS-SET
4. Mrs. Deepthi qualified in TS-SET
5. Mr. Krishna Mohan qualified TS-SET
6. Dr.J.Mahender was awarded Ph.D. in the year 2017, From, Osmania University, Hyderabad, Telangana



iv . Higher education



Year	Course	University	No. students

v .Employment.

Most of the students who has pursued higher education selected their profession as teacher

In schools , junior colleges , Degree college and University colleges. Few students of the department has been selecting their carrier has research scholar

Name of the student	Type of employment	Working place	
Mrs Radhika	TGT, Gurukala		
Mrs Sukanya	PGT, Model School		
Mrs A.Praveena	Fisheries Field		
Mrs A.Sweta	Fisheries Field Assistant		
Mrs. Madhavi	Contract Lecturer in Junior College		

9. Extension activities –

The student of the department has been extending their services to the society in different ways as and when necessary and need of communities

1. 2014-2015- The department has conducted blood grouping program in the Gupanpally villegae of Nizamabad District. In this program about 500 people they came to know their blood groups . as we knew how the blood groups are important in blood transfusion
2. 2015-16 The department also conducted awareness program on hepatitis in nearby colonies.
3. 2017-18 – The students of the department were involved in the malaria awareness and eradication program





17. National seminars and work shops

1. **9 -December – 2012:** The Department of Zoology in collaboration with Department of Microbiology has conducted Two-days national seminar on **Role Animal Biotechnology In Development Of Health Care**
2. **24,February 2014 :** Thee Department has conducted Work shop on **“Application Of Advanced Technology In Clinical Science”**
3. **4,February 2016:** Department has been conducted National Seminar on **“Modern Approaches in Animal Sciences in Applied Biology “**
4. **17-18 January 2018:** The department has conducted **Science Academies Lecture Work shop** on **“Current Trends in Applied Biology ”**
5. **March 26,27 2019 :** Conducted the workshop on **“ Technological Advances in Animal Sciences”**



Dr. Sambashiva rao, Head Department of Biotechnology,
ANG University, Guntur



Mrs. Padma Shri, Scientist, Regional Sugarcane & Rice Research Station, Rudru



Prof. Gyananath, Director, School of Life Sciences , SRT M University, Nanded



Dr. Dinesh Kumar, Sr. Scientist, National Institute of Nutrition, Hyderabad



Mr. Shirshir kumar, Scientist, National Institute of Nutrition, Hyderabad





Organizing Committee





18. Research activities

- f. Research centre
The college has a well equipped common research centre
- g. Minor research projects

Minor Research Projects

- 1. Occurrence of Helminth infection – Pollution impact on the fisheries of Ashok Sagar and Sriram Sagar Reservoirs in Nizamabad dist. Sanctioned by SERO – UGC., is completed. Principal Investigator Dr. C Rajendra Sagar, HoD – Zoology and Co-Investigator Mr.A.Sunil Kumar.

h. Publications in journals

Name of the faculty	Publications in journals
G.Srinivas reddy	.A study of physico-chemical parameters and fish diversity of Nizamsagar Dam, Nizamabad, TS , International journal of fisheries and Aquatic studies ISSN. 2347-5129
Rafia yasmeen	2 papers published International Journal. 2papers published national Journal
Dr.A.SUNIL KUMAR	2 paper published in National Journal

i. Publications in Seminar proceedings

Name of the faculty	Publications in journals
G.Srinivas reddy	<ol style="list-style-type: none"> 1.presented a paper in the national seminar on “Recent advances in organic chemistry “ on 20-11- 2010 2. presented a paper in the national seminar on” Biodiversity conservation and role of student youth” on 21,22-12-2015 ISBN 978-93-84659-29-5. 3. presented a paper in the national seminar on “ Medicinal plants for better human health” on 28,29-01-2016 ISBN 978-93-84659-27-1. 4. presented a paper in the national seminar on “ Modern approaches in animal sciences and applied biology” on 4-02-2016 ISBN 978-93-84659-34-9 5.presented a paper in the national seminar on “ A perspective of indigenous goshala – A study of ankush” ISBN 978-93-5240-104-8 6. presented a paper in the national

	seminar on “ Importance of ethno medicinal validation of regional flora and fauna for depending value added products” 29-12-2017
Rafia yasmeen	2 papers published International Journal. 2papers published national Journal
Dr.A.SUNIL KUMAR	2 paper published in National Journal

j. List of M.Phil. / Ph.D. :

Name of the faculty /Student	Faculty / Student	M.Phil/ Ph.D.
Rafia yasmeen	Faculty	M.Phil.
Dr.A.Sunil kumar	Faculty	Ph.D.
J.Mahender	Student	Ph.D.

19. Alumni

- A large number of the Department has distinguished themselves in academic and administrative areas in the country. They are occupying position and responsibility in various fields and academic institutions. First generation of ZOOLOGY teachers in High Schools, Junior Colleges and Various Senior Colleges of this region are from this Department
- Some of the representative names are:
- 1. Prof.Chandrakanth Kokate- Vice –Chancellor, Kakatiya University, Warangal.
- 2. Dr.D.Bhairavanth – M.Sc.Ph.D. Retd. Principal
- 3. Dr.V.Narayana Reddy- M.Sc.PhD. Retd. Prinicpal
- 4.Dr.C.Rajendra Sagar – Lecturer in Zoology , HOD of the Zoology Department
- 5. D.Satya Sagar – Principal GJC , Chevella.
- 6. B.V.Subba Reddy- Prinicpal, GJC., Sadashiva Nagar.
- 7.Dr.Sathyanarayana – Scientist , IIFT, Hyderabad.
- 8. Dr.Dinesh Kumar- Scientist, NIN, Hyderabad.
- 9.Dr.Vivekanad.- Doctor, Nizamabad.
- 10.Dr.Vijay Kuamr- Doctor , Nizamabad.
- 11.Prof.N.Vijay Kumar- Head Department of Zoology –KU, Warangal.
- 12.Prof.Ashok Kumar- Professor in Chemistry ,OU,Hyderabad.\
- 13.K.Rajendra Babu- Superintendent (ADM) –Osmania Hospital,Hyderabad.
- 14.P.Devender – Superintendent Regional PF office, Nizamabad.
- 15.B.Venkateshwar Rao- Teacher
- 16.D.Umapathi – Lecturer in Chemistry, GG college, Nizamabad.

- 17.Rangaratnam – HOD of Chemistry, GGC, Nizamabad.
- 18.O.Indrakaran- Principal GJC(G)-Nizamabad.
- 19.G.Krinhana Reddy – Retd.HOD of the Botany.
- 20.K.Devendra Babu- HOD of the Botany.
- 21.Dr.M.Mamata- Asst. Professor in Botany, TU, Nizamabad.
- 22.Jagadeeshwar Reddy- Hyderabad. Lecturer –Academic Audit cell –CC office,
- 23. Dr.T.Venugopala Swamy Head & Lecturer in Zoology, Girraj Government College, Nizamabad.

Linkages

Linkage was established “Onan Biotech Pvt Ltd, Hyderabad, for updating knowledge and technical expertise in the field of Biotechnology.

Short span linkages were also established with

- SRSP Hatchery centre Pochampad (Fish Seed Production Dept),
- Pathological Lab of Dist Govt Hospital Nizamabad
- Dist Malaria Office
- Red Cross Blood Bank
- Dist Govt Hospital Blood Bank

Details additional responsibilities shared by the faculty

Sl. No.	Name of the faculty member	Nature of responsibility	Duration
1	G.Srinivas Reddy	1.District Resource center -Treasurer 2.UGC NET Centre-Member 3.Jignasa Student study projects convener	2018- 2018- 2018-
2	G.Devidas	1. Health Centre – Coordinator 2.Self Finance Committee-Member 3. Games & Sports-Member 4.Member Academic council	2018- 2018- 2018- 2020-
3	Rafia Yasmeen	1.MANA TV coordinator , Women Welfare and 2.Empowerment Cell member 3. Appointed as a BoS chairperson TU , Dept. fisheries.	2018- 2018- 2019-

List of Apparatus

S.No	Name of the Item
1	Compound Microscope
2	Dissection Microscope
3	Burette stands
4	Colorimeter
5	Analytical Balance
6	Centrifuge Machine
7	Over Head Project
8	Water bath Double walled
9	Bunsen Burner's
10	Cylinder
11	Incubator
12	Digital TDS meter
13	Digital PH Meter
14	Electronic Balance
15	Spectrophotometer
16	Monocular Research Microscope
17	Blood cell counter
18	Micropipette
19	Electrophoresis chamber
20	Binocular Research Microscope
21	Digital water bath
22	BOD incubator
23	Incubator
24	Cooler
25	Electrophoresis power pack
26	Magnetic stirrer with hot plate
27	Microtome
28	Micro oven
29	Water analysis kit
30	TV
31	Refrigerator
32	Tata sky dish
33	Autoclave
34	Ultra centrifuge
35	Distillation unit

20. Our vision

- The department will provide excellent educational opportunities that are response to the needs of the community and help students to meet economic social and environmental challenges to become active participants in shaping the world of the future
- The every decision make in the department is to support the carrier and personality development of our learners

