

# **NAGARJUNA GOVERNMENT COLLEGE**

(Autonomous)

Reaccredited by NAAC with “A” Grade

Affiliated to Mahathma Gandhi University

## ***DEPARTMENT OF GEOGRAPHY***

### ***PROFILE***



## **DEPARTMENT OF GEOGRAPHY**

- **ABOUT THE DEPARTMENT**
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- **COURSES OFFERED**
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## **ABOUT THE DEPARTMENT**

Nagarjuna Government College (Autonomous) was established in **1956**. Department of GEOGRAPHY established in the year **1998** in B.A (HGMJ) Telugu Medium course was initiated after a careful understanding of the need for training and developing highly skilled and qualified Earth scientists.

The department of Geography was established in **1998-99** as a self financed course with strength of 36 students with History, Mass Communication and Journalism as combination the annual fee is Rs 2695/- per student as fixed by the university. At present it has intake of 40 students for year.

Dr. G. Yadagiri, Reader in Geology was in charge of the department. He was trained in Osmania University and attended refresher courses. He continued up to the academic year 1998 to 2013 and after that Dr. P. Ramakrishna, Assistant Professor of Geology has been appointed as in charge of Department of Geography for a period of 5 year i.e. from 2013-2018. At present E. Yadagiri Reddy, Assistant professor of Political Science is acting as in charge of Department of Geography. And after being awarded the autonomous status in 2007-08, Geography department is acting to the extent of its permissibility on its own designing the syllabus taking into consideration the local and day by day changing needs in and around.

Keeping also in view the up to date trends and changes in the world of globalization, the department has established a well equipped laboratory with essential infrastructural facilities.

Department has One laboratory with built up area of 48 sq.ft length, 28 sq.ft breadth in  $48 \times 21.2 = 1017.6$ sq.ft. The Department has latest equipment including

- Plane table
- Survey chain
- Prismatic compass
- Thermo meters
- T scales

- Magnetic compass
- Timer
- Computers
- Printer
- Scanner,
- Topo sheets
- Maps of India, world and Andhra Pradesh

### 1. Faculty profile, adequacy and competency of faculty

S N o	Name	Educational Qualification	Designation	Teaching & Research Experience	Specialization
1	E. Yadagiri Reddy	MA, B. Ed, SET	Assistant professor of Political Science	4 years	Incharge HOD
2	Geetha	M.Sc, M.A. SET	Guest Lecturer	1 Year	Physical Geography, Regional Geography and Economic Geography

## **Geography Combination Groups:**

### **History, Geography and Mass Communication & Journalism**

#### **Board of Studies – 2013-14**

S.NO	CATEGORY	NAME & DESIGNATION
1	Chairman Board of studies	Dr. P. Ramakrishna Asst. Prof of Geology Nagarjuna Govt. College, Nalgonda.
2	University Nominee	Prof. A Kamalakar Reddy Department of Geography Osmania University, Hyderabad
3	Subject expert from outside the college	Prof. C. Venugopal rao, Department of Geography Osmania University, Hyderabad
4	Subject expert from outside the college	Prof. B. Laxmaiah University college of Science Osmania University, Hyderabad
5	Members: All The Faculty members of the Dept.	Sri. M. Vigneshwar Lecturer in Geography NG college, Nalgonda.

#### **Board of Studies – 2014-15**

S.NO	CATEGORY	NAME & DESIGNATION
1	Chairman Board of studies	Dr. P. Ramakrishna Asst. Prof of Geology Nagarjuna Govt. College, Nalgonda.
2	University Nominee	Prof. A Kamalakar Reddy Osmania University, Hyderabad
3	Subject expert from outside the college	Asst Prof. K. Narayana Reddy Osmania University, Hyderabad
4	Subject expert from outside the college	Prof. C. Venugopal rao, Osmania University, Hyderabad
5	Members: All The Faculty members of the Dept.	Sri. M. Vigneshwar Lecturer in Geography, NG college, Nalgonda.

## Board of Studies - 2015-16

S.NO	CATEGORY	NAME & DESIGNATION
1	Chairman Board of studies	Dr. P. Ramakrishna Asst. Prof of Geology Nagarjuna Govt. College, Nalgonda.
2	University Nominee	Prof. B. Laxmaiah Department of Geography Osmania University, Hyderabad
3	Subject expert from outside the college	Prof. A Kamalakar Reddy Department of Geography Osmania University, Hyderabad
4	Subject expert from outside the college	Prof. C. Venugopal rao, University college of Science Osmania University, Hyderabad
5	Members: All The Faculty members of the Dept.	Sri. M. Vigneshwar Lecturer in Geography NG college, Nalgonda.

## Constitution of Board of Studies 2016-17

S.NO	CATEGORY	NAME & DESIGNATION
1	Chairman Board of studies	Dr. P. Ramakrishna Nagarjuna Govt. College, Nalgonda.
2	University Nominee	Prof. C. Venugopal rao, Osmania University, Hyderabad
3	Subject expert from outside the college	Prof. A V Shashikala Osmania University, Hyderabad
4	Subject expert from outside the college	Prof. B. Laxmaiah Osmania University, Hyderabad
5	Members: All The Faculty members of the Dept.	Sri. M. Vigneshwar Lecturer in Geography NG college, Nalgonda.

### Constitution of Boar-d of Studies 2017-18

S.NO	CATEGORY	NAME & DESIGNATION
1	Chairman Board of studies	Dr. Bala Srinivas Assistant Professor of Economics Nagarjuna Government College (A), Nalgonda.
2	University Nominee	Prof. B. Srinagesh Chairman Board of Studies Department of Geography, UCS, OU, Hyd.
3	Subject expert from outside the college	Prof. C. Venugopal Rao Head Department of Geography, UCS, OU, Hyd.
4	Subject expert from outside the college	Dr. G. Anand Assistant Professor Department of Geography, UCS, OU, Hyd.
5	Members: All The Faculty members of the Dept.	Sri. M. Vigneshwar Lecturer in Geography Nagarjuna Government college (A), Nalgonda.

### Constitution of Board of Studies 2018-19

S.NO	CATEGORY	NAME & DESIGNATION
1	Chairman Board of studies	Dr. P. Ramakrishna Assistant Professor of Geology Nagarjuna Government College (A), Nalgonda.
2	University Nominee	Prof. C. Venugopal Rao Head Department of Geography, UCS, OU, Hyd.
3	Subject expert from outside the college	Prof. B. Srinagesh Chairman Board of Studies Department of Geography, UCS, OU, Hyd.
4	Subject expert from outside the college	Dr. T. Anuradha Assistant Professor Department of Geography, UCS, OU, Hyd.
5	Members: All The Faculty members of the Dept.	Sri. M. Vigneshwar Lecturer in Geography Nagarjuna Government college (A), Nalgonda.

2. Student profile according to programmes of study, gender wise etc

Student Strength Particulars from 2012-13 to 2018-19							
Year	I Year		II Year		III Year		Total
	Girls	Boys	Girls	Boys	Girls	Boys	
2012-13	13	59	9	54	9	49	193
2013-14	11	61	13	55	7	46	193
2014-15	10	30	9	56	12	50	167
2015-16	13	25	9	21	7	54	129
2016-17	12	28	12	17	9	20	108
2017-18	10	30	8	24	12	16	100
2018-19	--	--	8	29	09	24	70

For the academic year 2013-14

Programme	No. of Students	Male	Female
B.A – I/II Semester	72	61	11
B.A III/IV Semester	68	55	13
B.A V/VI Semester	53	46	7

For the academic year 2014-15

Programme	No. of Students	Male	Female
B.A – I/II Semester	40	10	30
B.A III/IV Semester	65	56	9
B.A V/VI Semester	62	50	12



For the academic year 2015-16

Programme	No. of Students	Male	Female
B.A – I/II Semester	38	25	13
B.A III/IV Semester	30	21	9
B.A V/VI Semester	61	54	7

For the academic year 2016-17

Programme	No. of Students	Male	Female
B.A – I/II Semester	39	28	11
B.A III/IV Semester	29	17	12
B.A V/VI Semester	29	20	9

For the academic year 2017-18

Programme	No. of Students	Male	Female
B.A – I/II Semester	40	30	10
B.A III/IV Semester	32	24	8
B.A V/VI Semester	28	16	12

### Category wise strength Particulars

For the academic year 2014-15

Group	SC	ST	BC	MI	OC	PHC	Total
I Yr	12	2	26	0	0	0	40
II Yr	23	1	39	0	2	0	65
III Yr	15	3	39	3	1	1	62
Total	50	6	104	3	3	1	167

For the academic year 2015-16

Group	SC	ST	BC	MI	OC	PHC	Total
I Yr	8	3	24	1	2	0	38
II Yr	7	1	21	1	0	0	30
III Yr	23	0	36	0	0	2	61
Total	38	4	81	2	2	2	129

For the academic year 2016-17

Group	SC	ST	BC	MI	OC	PHC	Total
I Yr	8	1	28	1	1	1	40
II Yr	7	3	18	0	1	0	29
III Yr	7	1	20	1	0	0	29
Total	22	5	66	2	2	1	98

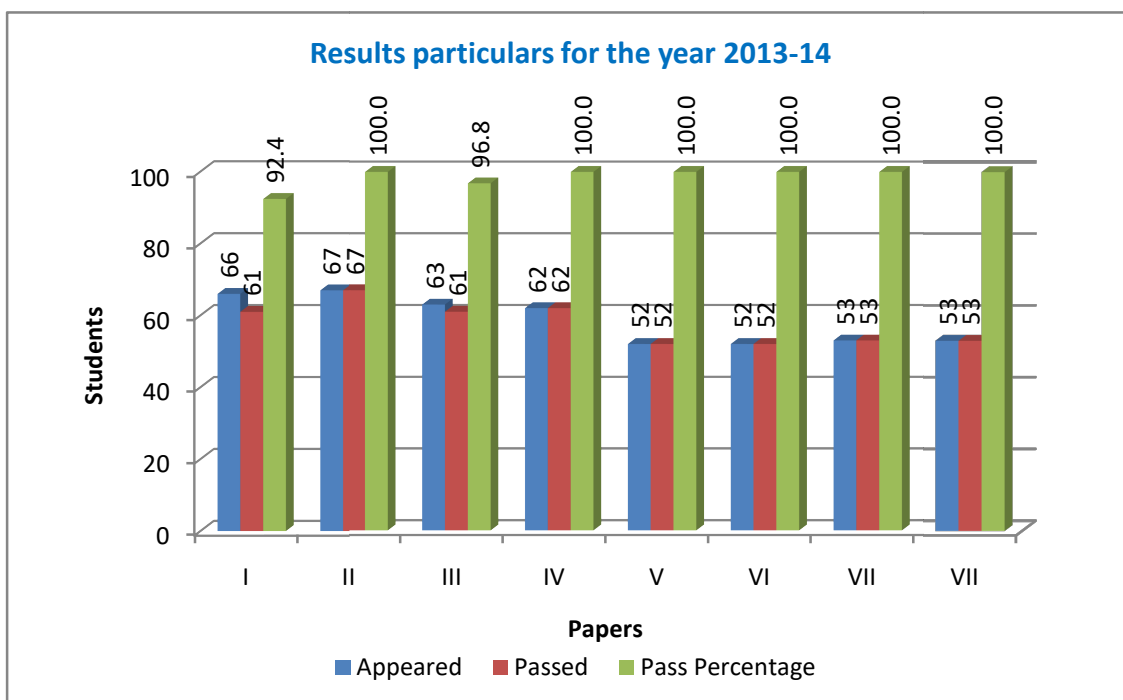
For the academic year 2017-18

Group	SC	ST	BC	MI	OC	PHC	Total
I Yr	12	1	25	1	1	0	40
II Yr	7	1	24	0	0	0	32
III Yr	7	3	17	1	0	0	28
Total	26	5	66	2	1	0	100

## Particulars of Geography Results

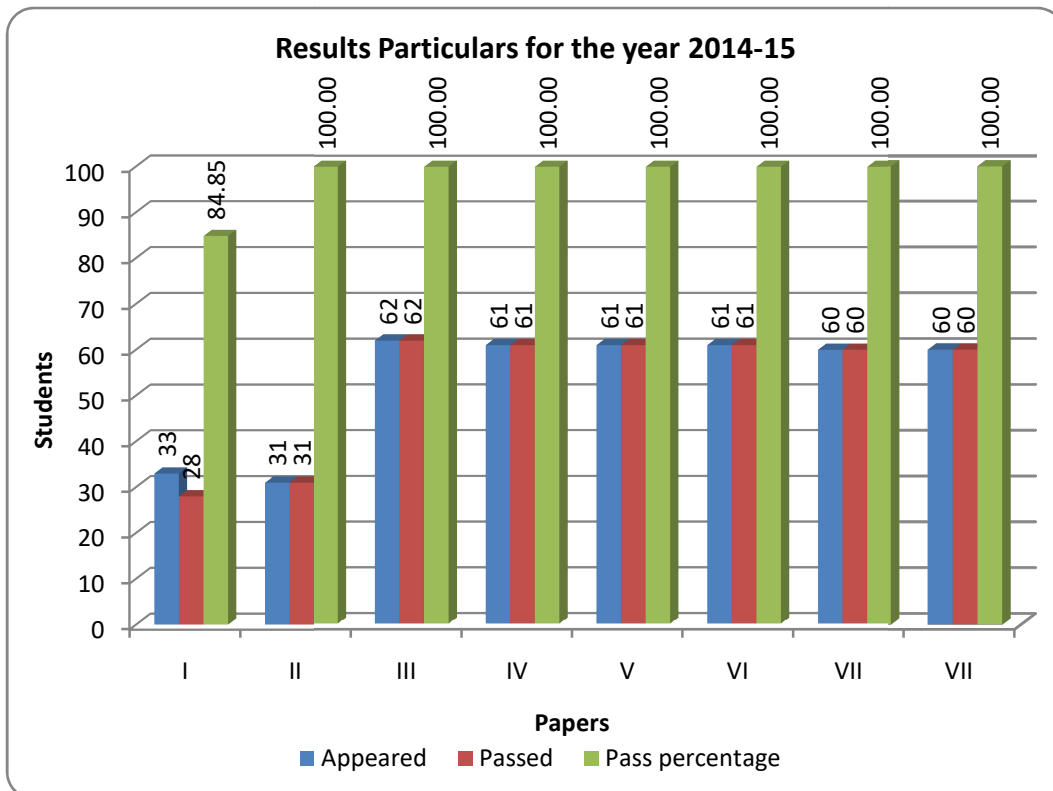
**For the Academic Year 2013-14**

Paper	Appeared	Passed	Fail	Percentage
I	66	61	5	92.4
II	67	67	0	100.0
III	63	61	2	96.8
IV	62	62	0	100.0
V	52	52	0	100.0
VI	52	52	0	100.0
VII	53	53	0	100.0
VII	53	53	0	100.0
<b>Total</b>	<b>468</b>	<b>461</b>	<b>7</b>	<b>98.5</b>



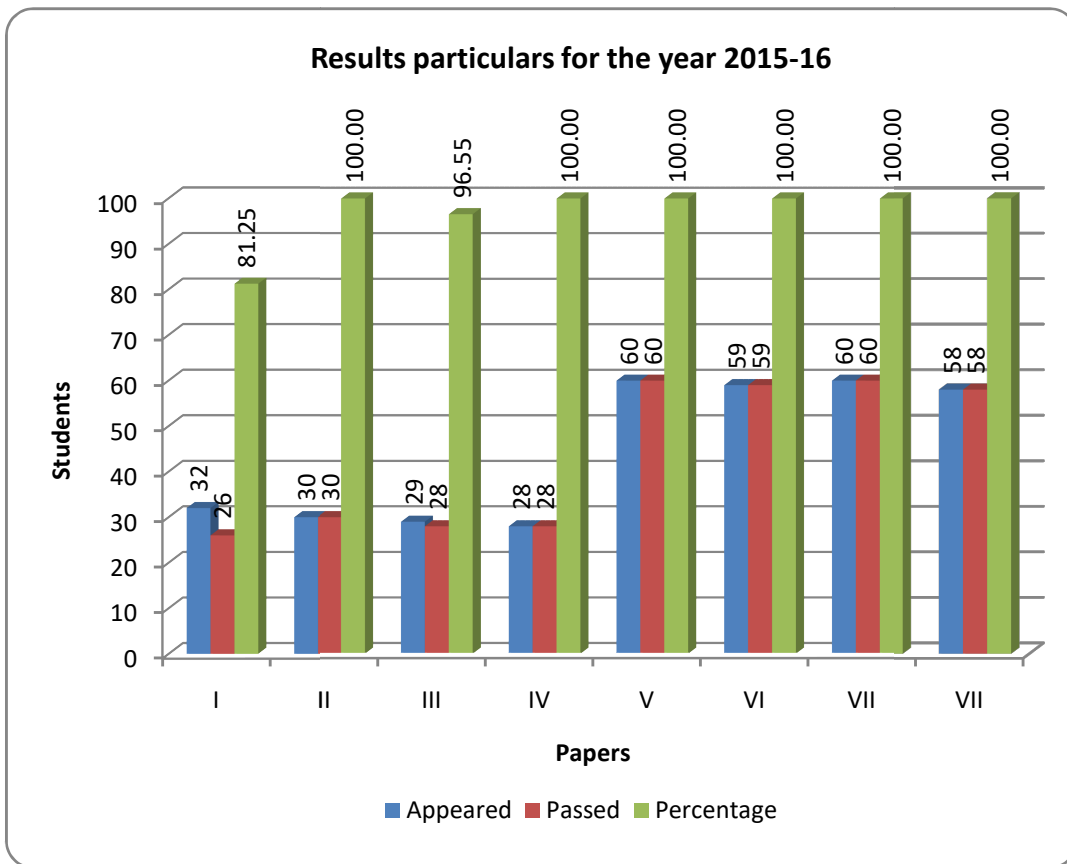
**For the Academic Year 2014-15**

Paper	Appeared	Passed	Fail	Percentage
I	33	28	5	84.85
II	31	31	0	100.00
III	62	62	0	100.00
IV	61	61	0	100.00
V	61	61	0	100.00
VI	61	61	0	100.00
VII	60	60	0	100.00
VII	60	60	0	100.00
<b>Total</b>	<b>429</b>	<b>424</b>	<b>5</b>	<b>98.83</b>



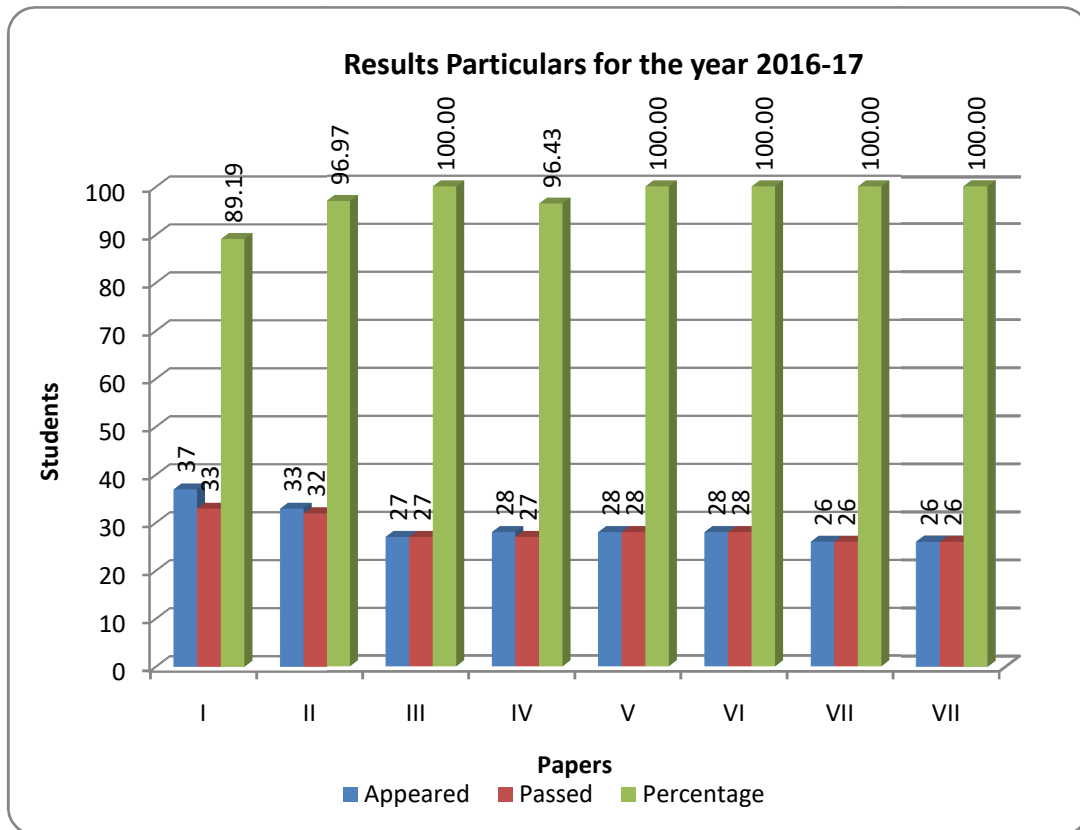
**For the Academic Year 2015-16**

Paper	Appeared	Passed	Fail	Percentage
I	32	26	6	81.25
II	30	30	0	100.00
III	29	28	1	96.55
IV	28	28	0	100.00
V	60	60	0	100.00
VI	59	59	0	100.00
VII	60	60	0	100.00
VII	58	58	0	100.00
<b>Total</b>	<b>356</b>	<b>349</b>	<b>7</b>	<b>98.03</b>



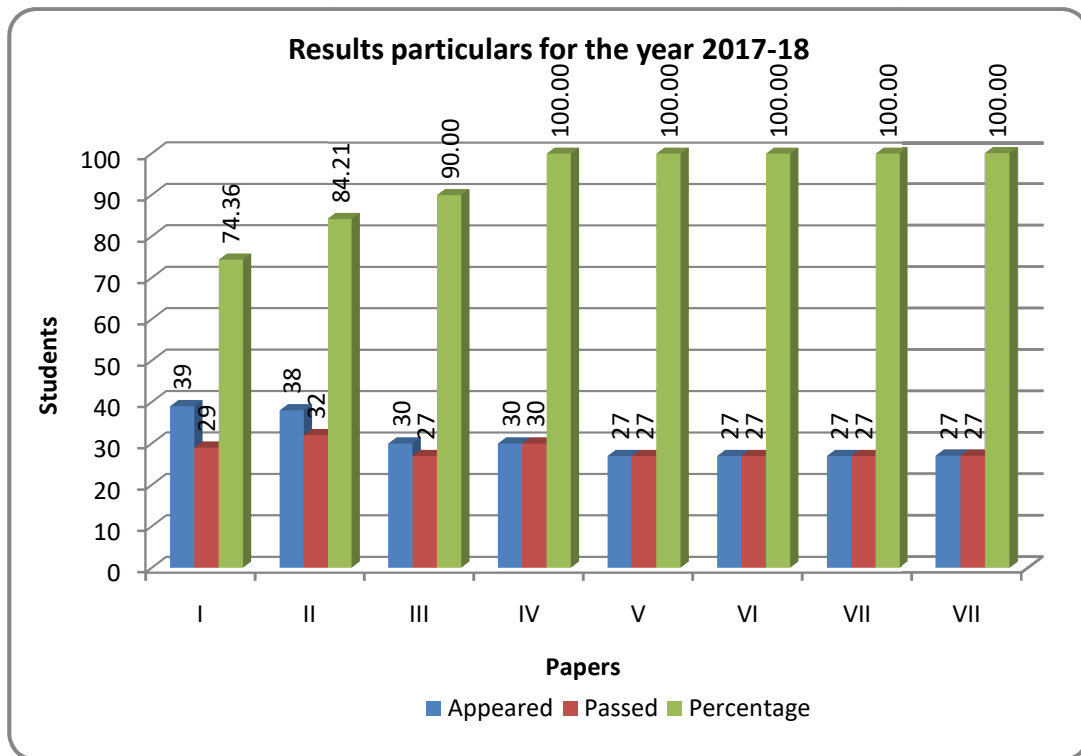
**For the Academic Year 2016-17**

Paper	Appeared	Passed	Fail	Percentage
I	37	33	4	89.19
II	33	32	1	96.97
III	27	27	0	100.00
IV	28	27	1	96.43
V	28	28	0	100.00
VI	28	28	0	100.00
VII	26	26	0	100.00
VII	26	26	0	100.00
<b>Total</b>	<b>233</b>	<b>227</b>	<b>6</b>	<b>97.42</b>



**For the Academic Year 2017-18**

Paper	Appeared	Passed	Fail	Percentage
I	39	29	10	74.36
II	38	32	6	84.21
III	30	27	3	90.00
IV	30	30	0	100.00
V	27	27	0	100.00
VI	27	27	0	100.00
VII	27	27	0	100.00
VII	27	27	0	100.00
<b>Total</b>	<b>245</b>	<b>226</b>	<b>19</b>	<b>92.24</b>



3. Changes made in the courses or programmes during the past five years and the contribution of the faculty to those changes

**Omission of Group Combination of Geography subject from this academic year i.e. 2018-19 and department is planning to reinstate of Geography subjects in BA with new subject combinations.**

4. Learning resources of the Department like library, computers, laboratories and other such resources.

➤ Departmental library is established with 50 Geography reference books. Computer with internet facility and a good laboratory are made available.

5. Modern Teaching methods in practice other than the lecture method.

➤ Seminars and group discussions are regularly conducted. LCD and OHP are regularly used as teaching aids.

6. Participation of teachers in academic and personal counseling of students.

➤ The faculty is actively involved in offering academic and personal counseling, particularly with regard to the opportunities of higher studies and employment.

7. Details of faculty development programmes and teachers who benefited during the past five years.

➤ The faculty members have attended various academic and research related programmes and benefited by receiving necessary training in teaching and research activities.

8. Participation of teachers in academic activities other than teaching and research.

➤ Teachers participate in various programmes other than teaching and research as and when they are assigned to by the department or the principal or the BOS or any other authority concerned.



- The faculty members of department given coaching for students towards Group IV jobs (Jr. Assistant), Polices constables and SIs for Central, State level government sector and other private sector jobs.

#### 9. Collaborations with other departments and institutions at the national and international level and their outcome during the past five years.

- The Department maintains regular contact and communication with the university departments for guidance and improvement.

It regularly keeps in touch with other related departments in the college too.

#### 10. Publications of the faculty, for the past five years. Details regarding citation index and impact factor analysis

- The faculty member is presently conducting a research on “Cement Industry in Telangana state – A Geographical study with GIS Approach” towards submitting Doctor of Philosophy in Geography for Osmania University, Hyderabad District, Telangana.

#### 11. Participating of the department in the extension activities of the college.

1. The department regularly participates in the extension activities organized by the university and other related departments in and out of our institution.

2. The department also participates in social awareness programmes and tree plantation programme.

#### 12. Method of continuous student assessment.

- Through regular internal assessment tests, student seminars, and Assignments of semester-wise examinations and personal observations regarding their academic performances the department keeps watch on the progress of the students.

#### 13. Significant achievements of the department or faculty or students during the past five years.

- Many students got seats in M. Sc Geography and M.Sc Geo-Informatics for Osmania University and Telangana University of Telangana (united Andhra Pradesh).
- Few students of the department also achieved jobs as Deputy Surveyors in department of land records erstwhile Andhra Pradesh based on the knowledge they acquired during practical of Second year.

#### 14. Involvement of students in academic/co-curricular and other activities of the department

- Students are involving in NCC, NSS, Plantation, Blood donation and other awareness programmes conducted in the college.

#### 15. Innovations and best practices initiated/adopted by the departments during the last five years.

- Seminars, study projects, assignments, community development programmes, preparation of models and charts.

#### 16. Development and expansion plans of the department for the next five years.

- Introduce new job oriented courses, consultancy services, improving research facilities and infrastructural facilities.
- Introduction of certificate course in Geography subject i.e. “Surveying Techniques” for this academic year.

## **CURRICULUM ASPECTS**

### **SEMESTER SYSTEM**

The college follows semester system of academic instruction and examination. The details of which are as follows:

- There will be two semester in each academic year.
- There will be a final examination at the end of each semester.
- There will be no detention at the end of first, third and fifth semesters.
- There will be detention at the end of second and fourth semesters. If a student fails in more than 50% of the total papers of first and second semesters, If a student fails to obtain more than 40% aggregate of semesters put together he /she will be detained at end of fourth semester.

### **INTERNAL ASSESSMENT**

Students are required to write two internal assessment tests in each paper as part of continuous internal evaluation. The students have to write compulsorily two internal assessments in each paper and the best out of two will be taken into account for the end examination result.

### **END EXAMINATION (EACH SEMESTER)**

The maximum marks in theory paper in each subject in each paper are 70 and for internal assessment 30. The student has to get a minimum of 40 marks out of 100 (70+30) to pass in each paper and minimum pass marks for each paper in the theory subject in the end exam is 28.

### **PROJECT WORK**

The students of sixth semester should submit a project work in a subject of their choice and the details of the project work will be intimated for the subject faculty at the beginning of the fifth semester.

The project work is compulsory for every student and a minimum pass in the project work is essential before the declaration of final result and award of degree. Grades will be given to each student as A, B, C and D.

### **BRIDGE COURSES, REMEDIAL COURSES & STUDY PROJECTS**

The department conducts bridge classes at the beginning of the academic year for 1<sup>st</sup> year students and remedial classes to slow learners. The advanced learners are encouraged to participate in seminars and pursue study projects

### **WORKSHOPS / EXTENSION LECTURES/ GUEST LECTURES**

The department conducts Workshops /Extension /Lectures/Guest Lectures to students by inviting experts from various colleges and organizations to expose the students to the latest trends in their subjects.

### **EVALUTION**

Apart from internal assessments continues evaluation of students is done through Unit tests/Assignments/Class room seminars and Question answer sessions.

### **EXTRA CURRICULAR ACTIVITES**

Apart from the regular curriculum the department conducts various competitions like Business Quiz, Elocution and Essay writing etc...

## **GEOGRAPHY LAB**

- Geography is the branch of Social Science which deals with living with surface of the earth and its impact on man and environment
- Hecautius is the father of Geography
- Our department has one lab which is well equipped, advanced instruments.
- These labs were maintained neat and under aseptic conditions.

**Laboratory equipments:-**

- Plane table
- Survey chain
- Prismatic compass
- Thermo meters
- T scales
- Magnetic compass
- Timer
- Computer
- Printer
- Scanner,
- Topo-sheets
- Maps of India, world and Andhra Pradesh

## **HIGH LIGHTS OF THE DEPARTMENT**

- Many students (at least a dozen for year) have got seats in B. Ed for Osmania University, Hyderabad.
- 42 students have got admission into M. Sc in Geography for Osmania University and 16 students have got admissions in M. Sc Geoinformatics during the last five years for Telangana University and osmania University in state levels.
- 2 students have got jobs in land surveying department in Telangana.
- 4 students acquired Ph.D in Geography and 5 students are pursuing Ph.D from Osmania University.
- Many students are actively joining in NCC and NSS programmes.

### Departmental Activities

S. No.	Date	Activity	Topic	Resource person
1.	16.12.2014	<b>Geographical Tour</b>	<b>Warangal Tourism</b>	<b>Faculty and 36 students</b>
2.	7.03.2015	<b>Extension Lecture</b>	<b>Applications of GIS and Remote Sensing in Water Resource Management</b>	<b>Dr. K. Madhusudhan Reddy, Asst prof., MGU, Nalgonda</b>
3.	22.03.2017	<b>Drinking water awareness</b>	<b>World Water Day</b>	<b>Sri. V. Srinivas Reddy &amp; Dr. P. Ramakrishna</b>
4.	23.03.2017	<b>Meteorological Day celebrations</b>	<b>World Meteorological Day</b>	<b>Dr. P. Ramakrishna &amp; Dr. N. Deepika</b>
5	09.03.2018	<b>Extension Lecture</b>	<b>Applications of GIS and Remote Sensing in Natural Resource Management</b>	<b>Dr. R Sudhakar, Asst prof of Geoinformatics, TU, Nizamabad.</b>



**Students attended to Extension lecture on 07.03.2015**



**Photos of Extension Lecture on 07/03/2015**



## Students Project Works

S.No	Name of the Student	Roll No.	Year	Topic
1.	B. Pushpalatha	4028-14-274-501	III	Trend Analysis of Rainfall and Temperature Data for India
2.	M. Mounika	4028-14-274-505	III	A Set of Population Projections of India and the larger states based on 2011 census results.
3.	J. Shekar	4028-14-274-519	III	Productivity in Indian sugar Industry
4.	P. Venkatesh	4028-14-274-532	III	Fluorosis in villages- A case study of Nalgonda, Telangana state.
5.	K. Shivani	4028-15-274-506	III	Haritha Haram in Telangana
6.	M. Supraja	4028-15-274-507	III	Nagarjuna Sagar Project
7.	N. Saidamma	4028-15-274-509	III	Mission Kakatiya
8.	N. Nagamma	4028-15-274-510	III	Fluorosis in Telangana
9.	K. Shankar	4028-15-274-525	III	Telangana Tourism
10.	M. Manohar	4028-15-274-530	III	Prospects of TS-iPASS in Telangana

### **DEPARTMENT VISION & FUTURE PLAN FOR FIVE YEARS**

- Introduction of certificate course on “Surveying Techniques”
- Submission of proposals for minor/major research projects
- Bringing out departmental Bulletin
- Organizing departmental alumni meet
- Continuation of PG Entrance Coaching
- Conduct of National Level Geographical tours
- Gold Medal for Toppers in Geography in every year
- Organizing Geography Lecturers/ workshops every year