Internal Quality Assurance Cell (I.Q.A.C.)

External Peer Team Report

On Performance of the College

For the Academic year

2020 – 2021

IQAC External Peer Team Report for the Academic Year 2020-2021

Internal Quality Assurance Cell

IQAC External Peer Team Report for the Academic Year 2020-2021
Dates of the Visit 16-11-2021

1	Dr. K.Ravinder Reddy, Chairperson	Member, Executive Council, Telangana University
2	Sri. P.Ram Mohan Reddy Member	Principal, GDC, Dharpally, Dist: Nizamabad, Telangana.
3	Sri. S. Rangaratnam Member	Principal, GDC, Bodhan, Dist: Nizamabad, Telangana
4	Dr. T.Venugopal Swamy Member	Principal, GDC, Armoor, Dist: Nizamabad, Telangana.

As per the request made by the IQAC of **Girraj Government College (Autonomous),** Nizamabad, the External Peer Team members visited Girraj Government College (Autonomous), Nizamabad on **16-11-2021.** They have interacted with the Head of the Institution, Various committees, faculty members and the office staff of the college. The team reviewed the functioning of the mandatory bodies, the documents concerning the initiatives undertaken and the systemic measures developed by the college and their implementation.

The details of the Team members visit and their observations are given below:

1. The members under the chairmanship of Dr. K.Ravinder Reddy, Member, Executive Council, Telangana University, visited the institution on **16-11-2021.**

2. The other members of the External Peer Team were as follows:
   - i. Sri. P.Ram Mohan Reddy, Principal, GDC, Dharpally, Dist: Nizamabad, Telangana.
   - ii. Sri. S. Rangaratnam, Principal, GDC, Bodhan, Dist: Nizamabad, Telangana.
   - iii. Dr. T.Venugopal Swamy, Principal, GDC, Armoor, Dist: Nizamabad, Telangana.

3. They interacted with the Principal, Vice Principal, IQAC coordinator, Heads of the departments, Administrative Officer, Office superintendent, Chairpersons of various committees, and made note of the functioning of the college in respect of the various criteria of NAAC assessment for the academic year 2020-2021.

4. The following documents were verified and noted the regularity and functioning of the mandatory bodies in view of the stipulated UGC guidelines:
   1. Letters of conferment of Autonomy to the Institute
   2. The Annual Quality Assurance Reports (AQAR) for the year 2018-19, 2019-2020.2020-21.
   3. Minutes of the Governing Body, Academic Council, Board of Studies.
   4. Audited statements of Income and expenditure of the last academic year.
   5. The minutes of the IQAC Meetings of 2019-2020.
   6. Academic Calendar and Institutional plan.
   7. Academic Regulation.
   8. Proceedings of various statutory committees.
   9. Admissions and Results, course wise, for the Academic Year.

Academic Year 2020-21

Introduction and General Information:

Girraj Government College, Nizamabad, a prestigious Higher Education institute in Telangana State was established in 1956. It is named after a philanthropist, **Sri.Girrajmalji Agarwal**. The college attracts students not only from the district but also students from the neighboring districts and states. It was affiliated to Osmania University, Hyderabad and presently is affiliated to Telangana University, Nizamabad.

The college has secured the Academic Excellence Award for successive four consecutive years from 2015, 2016, 2017 & 2018. The college is ISO 9001:2015. The college was accorded Autonomous status by UGC in 2005 and was conferred with CPE (College with Potential for Excellence) in 2010. It has completed three cycles of NAAC accreditations and presently it is reaccredited with "B". The accreditation status is valid up to 1st November 2023. It stands at 37th position among all the Government Autonomous Colleges in the Country in the rankings declared by EWNIRF ranking – 2020. It was a center for community development under UGC in the year 2016 – 2017 and successfully completed two courses in Retail Management and Computerized Accounting. The College Alumni occupy top positions in Government services and other fields.

The college offers 44 U.G Courses & 09 P.G Courses with strength of more than 4000 students. For the last three consecutive years, the college has topped in DOST admissions in the entire Telangana State. The College has a team of qualified, committed and dedicated staff, who strive a lot for the betterment of the students in all sectors. The qualitative & quantitative results of the college substantiate its strength. Keeping up with the changing global scenario, the faculty has introduced lot of new programmes and courses. The college organizes International, National Webinars, Workshops, Extension Lectures, conduction of National Seminars etc. for the benefit of students thereby empowering them to take up the challenges ahead. The college strives to help the students achieve excellence by adopting innovative ideas and acquire new skills.

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A. Admission Particulars for the 2020-21

S.No.	Name of the College & Society	Year of Establishment	Whether Running in OWN/Leased Building	Name of the Courses	Sanctioned Intake as per TSCHE	Admitted Strength
			2020-21			
1	5005-Girraj Govt. College (A), Nizamabad	1956	Own	B.A, BBA, B.Com. B.Sc.	1500	1440

The following documents were verified to ascertain the regularity of the functioning of the different initiative taken by the college:

1. Letters of conferment of Autonomous status to the institution
2. Academic and Examination Calendar/Policy
3. Minutes of the Governing Council, Academic Council, Board of Studies and Finance Committee.
4. Curriculum Design Progression Plan
5. Minutes of the I.Q.A.C. meetings of 2020-21
6. Action Taken Report 2020-21
7. Perspective Plans 2019-2024
8. Reports/Proceedings of the various other statutory committees which are as follows:
9. Autonomy Core Committee
10. Planning and Evaluation Committee
11. College Development Committee
12. Anti-Ragging Committee
13. Sports Committee
14. Grievance Cell
15. Internal Complaint Committee
16. Library Committee
17. N.S.S.
18. Students' Council and Cultural Activity Committee
19. Women's' Development Cell
20. Audit Committee Report

Profile of the Institution

General Information

1	Name of the College	:	GIRRAJ GOVT COLLEGE (AUTONOMOUS) NIZAMABAD, TELANGANA
2	Address	:	Dubba Road Nizamabad
3	City	:	Nizamabad
4	State	:	Telangana
5	Name of the Principal	:	Dr. E.Laxminarayana
6	Telephone/Email/Fax		
	☐ Telephone with STD code	:	
	☐ Mobile	:	9154806825
	☐ Registered e-mail	:	nizamabad.jkc@gmail.com
7	Date of Establishment	**:**	
	Date when the College was declared fit under section 2(f) and 12 (B) of UGC Act 1956		1st April 1992
	Date of grant of autonomous status to the institution by U.G.C.	:	10th August 2004 (Current status 2016-17 to 2021-22)
8	Name of the Affiliating University	:	Telangana University
	NOC from Affiliating University:Yes/No		Yes
9	NAAC Accreditation Details	**: Grade Cycle Period**	

Cycle	Grade	C.G.P.A.	Year of Accreditation	Validity
I	B+	76.65	2004	16-Feb-2004 to 15-Feb-2009
II	B	2.71	2012	10-Mar-2012to 09-Mar-2017
III	B	2.50	2018	02-Nov-2018 to 01-Nov-2023

10	Whether private or government	:	Government

Programs Offered

A. Undergraduate Programs

I . Bachelor of Arts

EPP	-	Economics, Public Administration, Political Science E/M, T/M
EHPA	-	Economics, History, Public Administration E/M, T/M
CAEP	-	Computer Applications, Economics, Political Science E/M, T/M
CAHP	-	Computer Applications, History, Political Science E/M
HEP	-	History, Economics, Political Science E/M, T/M & U/M
HPP	-	History, Public Administration, Political Science E/M, T/M
HECA	-	History, Economics Computer Applications E/M, T/M
MEPs	-	Mathematics, Economics, Political Science E/M
MECA	–	Mathematics, Economics, Computer Application E/M

II . Bachelor of Commerce

B.Com (C.A) -		Computer Applications E/M
B.Com (Tax) -		Taxation E/M
B.Com (B.A) -		Business analytics E/M

III. Bachelor of Business Administration E/M

IV. Bachelor of Science (Physical Sciences)

B.Sc MPCs	-	Maths, Physics, Computer Science) E/M
B.Sc MSCs	-	Maths, Statistics, Computer Science) E/M
B.Sc MPC	-	Maths, Physics, Chemistry) E/M
B.Sc MSDS	-	Maths, Statistics, Data Science) E/M

V . Bachelor of Science (Biological Sciences)

B.Sc BZC	-	Botany, Zoology, Chemistry E/M
B.Sc BCCZ	–	Bio-chemistry, Chemistry, Zoology E/M
B.Sc BTBC	-	Biotechnology, Botany, Chemistry, E/M
B.Sc BCBC	–	Bio-chemistry, Botany, Chemistry E/M
B.Sc BTZC	-	Biotechnology, Zoology, Chemistry E/M
B.Sc BCZC	–	Bio-chemistry, Zoology, Chemistry E/M

B.Sc MZC   -   Microbiology, Zoology, Chemistry E/M

B.Sc MiBC   -   Microbiology, Botany, Chemistry E/M

Post Graduate Programs E/M

1. M.A English

2. M.A Economics

3. M.Com.

4. M.Sc. Chemistry

5. M.Sc. Mathematics

6. M.Sc Botany

7. M.Sc Zoology

8. M.Sc Physics

9. B.Lisc

Students on Roll	U.G. – 3926, P.G. – 832
Faculty Strength	47 (Regular) + 28 (Contract)

Details of Teaching Staff of the Institution

No. of Posts Sanctioned	No. of Filled positions	Vacant Positions	No. of Faculty with Ph.D.
101	46	55	26

Sanctioned by	Professor	Associate Professor	Assistant Professor
Government	Nil	Nil	46
Management(Approved by University	Nil	Nil	--
Contract	Nil	Nil	27
Total	Nil	Nil	73

Details of Teaching Staff 2020-21

Subject	Name of the Faculty	Qualification	Employee ID	regular/ contract/ redeployed/ MTS	E mail
Public Administration	Dr. E. Laxminarayana		915923	Regular	
Chemistry	Dr. Abdul Rafeeq		2021681	Regular	
English	S. John Sukumar		2010332	Regular	
English	Dr. V. Shyam Kumar		2039005	Regular	
English	Dr. I. Gangadhar		2010063	Regular	
English	Dr. Dandu Swamy		2010083	Regular	
Telugu	Dr. N. Amber Singh		1756745	Regular	
Telugu	Dr. B. Prabhakar		2026781	Regular	
Hindi	Ambekar Babu Rao		1756861	Regular	
Hindi	Dr. D. Hemalatha		2153134	Regular	
Urdu	Mohd. Abdul Rahman		2021685	Regular	
History	N. Ramesh Goud		2030409	Regular	
History	T. Devanna		2011181	Regular	
History	M. Kumaraswamy		2039055	Regular	
History	Dr. D.K. Raju		2038998	Regular	
Economics	Dr. V. Muthyam Reddy		2012534	Regular	
Economics	Dr. Y. Venuprasad		2004079	Regular	

Economics	Dr. D. Adeppa		1029960	Regular	
Economics	Dr. G. Sriram		2021680	Regular	
Economics	Tabassum Shaheen		1834661	Regular	
Commerce	P.V.V. Satya Vara Prasad		2004124	Regular	
Commerce	Dr. N. Jyothi		2004077	Regular	
Commerce	Dr. G. Linganna		2038247	Regular	
Commerce	Dr.B. Sumalatha		0955256	Regular	
Commerce	Dr. H. Sateesh		2039745	Regular	
Commerce	Dr. T. Peddanna		2038995	Regular	
Commerce	Dr. S. Suresh		1347828	Regular	
Commerce	K. Ranjitha		1818280	Regular	
Mathematics	Md. Badruddin		2004052	Regular	
Mathematics	S. Jaya Prasad		1308138	Regular	
Physics	N. Raja		2012516	Regular	
Physics	Ch. Arjun		2039001	Regular	
Physics	Vajeera Bhanu		1839891	Regular	
Physics	K. Bharath Raj		2021075	Regular	
Chemistry	Dr. M. Sunitha		2004074	Regular	
Chemistry	Md. Tousif Ahmed		2038994	Regular	
Botany	Dr. P. Latha		2001988	Regular	

Botany	**Deepak Parmar**		**2026767**	**Regular**	
Botany	**Dr. P. Raviraj**		**2011211**	**Regular**	
Zoology	**G. Srinivas Reddy**		**2012487**	**Regular**	
Zoology	**Dr. Rafia Yasmeen**		**2039049**	**Regular**	
Zoology	**G. Devidas**		**2038672**	**Regular**	
Microbiology	**Shaik Akbar Pasha**		**2039656**	**Regular**	
Librarian	**Dr. K. Purnachandra Rao**		**1352951**	**Regular**	
Physical Director	**B. Balamani**		**9050222**	**Redeployed**	
Political Science	**J. Anasooya**		**9050221**	**Redeployed**	
Zoology	**B Deepak**		10009511	**Contract**	
Mathematics	**K Gangadher**		10009499	**Contract**	
Chemistry	**E Venkataramana**		10009481	**Contract**	
chemistry	**N Chandrakala**		10009485	**Contract**	
Commerce	**Syed Haseeb ur Rahman**		10009486	**Contract**	
Commerce	**A Suman**		10009487	**Contract**	
Mathematics	**Ch Pandari**		10009502	**Contract**	
Mathematics	**T Bhojadas**		10009503	**Contract**	
Physics	**R Ramya Sree**		10009508	**Contract**	
English	**S Lavanya**		10009496	**Contract**	
chemistry	**R Hanumandlu**		10009480	**Contract**	

English	B Prathibha		10009495	Contract	
History	Mohd Mubeenuddin		10009498	Contract	
Botany	M Gopal		10009479	Contract	
Comp. Appl.	P Srinivas		10009490	Contract	
English	M Dastappa		10009497	Contract	
ENGLISH	Nikhat Fathima		10009494	Contract	
Political Science	K Surekha		10009509	Contract	
Public Administration	G Sudhakar Rao		10009510	Contract	
CHEMISTRY	J Vittal		10009484	Contract	
Chemistry	P Ramu		10009483	Contract	
Chemistry	A Sharadha		10009482	Contract	
Physics	K Padma		10009505	Contract	
Botany	D Latha		10009477	Contract	
Computer Science	P Vivekanand		10009492	Contract	
Computer Science	M Kiran Kumar Goud		10009491	Contract	
Physics	Amtul Khathijatul Kubra		10009507	Contract	

Details of Non-Teaching Staff 2020-21

S.No	Name of Non-teaching staff	Qualification	Designation	Employee ID
1	R. Ram Kishan		Administrative Officer	2012505
2	Md. Shahabaz		Superintendent	1807170
3	Syed Majid Ali		Senior Assistant	2001944
4.	Ch. Soni		Junior Assistant	0565279
5.	Banala Ogenna		Junior Assistant	2027382
6.	B Ganga Jamuna		Herbarium Keeper	2012575
7.	Mohd Altafuddin		Record Assistant	2012574
8.	S.Sharada		Record Assistant	2042499
9.	V. Vani		Office Subordinate	2027392
10.	A Jaya		Office Subordinate	2042133
11.	R. Vijay Kumar		Scavenger	2001962
12.	G.Sailu		Senior Assistant	-
13.	Neelesh Karnewar		Junior Assistant	-
14.	K. Devi		Junior Assistant	-
15.	K. Shanker		Junior Assistant	-
16.	M.A. Gaffar		Junior Assistant	-
17.	S Naveen Kumar		Office Subordinate	-

Internal Quality Assurance Cell (I.Q.A.C.)

Quality initiatives by the I.Q.A.C.

Sl.No.	Title of the Activity	Date	Department
1	Internal Academic Audit	15th July to 24th July 2020	All Departments
2	Green Audit	26th April,2021	Campus
3	Second I.Q.A.C. Meeting	17th Nov 2020	
4	Third IQAC Meeting	16th Jan.,2021	
5	Fourth IQAC Meeting	6th Feb, 2021	
6	Fifth I.Q.A.C. Meeting	17th Mar, 2021	
7	A.Q.A.R Submission 2019-20	12th Jan., 2021	
8	Teachers Feedback on Curriculum	22nd May, 2020	61
9	Students Feedback on Curriculum	11th – 15th May, 2020	198
10	Students Satisfaction Survey	27th Jan., 2020	2967

Significant Contributions by I.Q.A.C. during the year

Criterion wise analysis of various activities with respect to performance of the institution:

Criteria I: Curricular Aspects

1. The college currently offers **44 U.G., 9 P.G. Programmes.** University Grants Commission has conferred Autonomous status to the college from the academic year 2004-05 for a period of five years and valid till May, 2021. Board of studies for 23 programmes was constituted and Curriculum design and revision of all the courses was undertaken.

List of Skill Enhancement Courses, Generic Elective courses and Value-added courses for 2020-21

SKILL ENHANCEMENT COURSES		
S.E.C. - SUBJECT	**Department**	**GROUPS**
SEMESTER -III (SEC-1)		
1. Indian Culture and Tourism	HISTORY	ALL B.A GROUPS
2. Principles & Practice of Life Insurance	COMMERCE	ALL B.COM
3. THEORY OF EQUATIONS	MATHEMATICS	B.Sc. All Maths Groups
4. Bio-Fertilizers	BOTANY	B.Sc. All Life Sciences Groups
SEMESTER -IV (SEC-2)		
1. NUMBER THEORY	MATHEMATICS	B.Sc. MPC E/M, T/M, MPG
2. Statistical Computation using C programming	Computer Science and Statistics	B.Sc. MPCs , MSCs, MECs
3.Nursery and Gardening	Botany	B.Sc. B.Z.C. E/m, T/m, B.Sc. Bio-tech.Bot.Che., Bio-tech.Zoo.Che.
4.Sericulture	Zoology	B.Sc.Bio-chem.Bot.Che, Bio-chem.Zoo,Che, Micro-bio.Zoo.Che, Micro-bio.Bot.Che
5. E-Governance	Public Administration	All B.A Groups
6. Principles and Practice of General Insurance (PPGI)	Commerce	All B.Com. Groups
SEMESTER -V (SEC-3)		
1. Materials and their applications	Chemistry	B.Sc. All Maths Groups
2. Verbal Reasoning and Aptitude Test	Zoology	B.Sc. All Life Sciences Groups
3. Citizenship Rights, Duties and Laws	Political Science	All B.A Groups
4.Regulations of Insurance Business	COMMERCE	All B.Com. Groups
SEMESTER -VI (SEC-4)		

1.Mashroom Culture Technology	Botany	B.Sc. All Biological Sciences Groups
2.Graph Theory	MATHEMATICS	B.Sc. All Maths Groups
3.Project Work	Economics	All BA Groups
4.E-Banking and E-Insurance	COMMERCE	All BCom. Groups
GENERIC ELECTIVES		
G.E. - SUBJECT	**OFFERING DEPT.**	**GROUPS**
	SEMESTER -V (GE-1)	
1.Indian National Movement	History	B.A. (EPP), BA (Computer Appln) Groups
2.Indian Constitution and Administration	Public Administration	BA (HEP) E/M, T/M, U/M.
3.Indian Economy	Commcerce	ALL BCOM
4.Economic Botany	Botany	B.Sc. All Maths Groups
5.Indian Economy	Economics	B.Sc. All Life Sciences Groups
	SEMESTER -VI (GE-2)	
1.History of Telangana Movement and State Formation	History	B.A. (EPP), BA (Computer Appln) Groups
2.Good Governance	Public Administration	BA (HEP) E/M, T/M, U/M.
3.Sectors of Indian Economy	Commerce	ALL BCOM
4.Vermi Culture	Zoology	B.Sc. All Maths Groups
5.Telangana Economy	Economics	B.Sc. All Life Sciences Groups

3. **Value education** component is integrated in the curricular and extra-curricular activities of the institution. **Skill Development, Entrepreneurship, Employability, Social Equity, National Development and I.C.T.** are the major considerations while executing curriculum and conduct of various activities.

4.   The institution ensures that academic programmes are synced with **emerging national and global trends.** For this, **feedback from students, alumni, teachers, employers and other stakeholders** like peers is taken and communicated to the Board of Studies of the respective subjects.

5. **Workshops and student-centered activities** are promoted for enriching the curriculum.

6. **Students' participation in various co-curricular activities,** events and competitions, national and international workshops and conferences, personality development sessions, summer internship programmes, industrial visits are encouraged and promoted.

7. The institution makes efforts to **integrate many cross cutting issues like gender equity, value education, human rights, sustainability, environment etc.** into the curriculum by organizing seminars and special lectures.

8. **Grievance Cell, Committee against Sexual Harassment' and Anti-Ragging Cell** is active.

9. A **Standard Format for Curriculum Feedback** from stakeholders for each category (Alumni, Students, Employers, Teachers) for reviewing feedback on curriculum has been prepared, executed and analyzed following which Action taken Report was prepared by IQAC.

Criterion II: Teaching Learning and Evaluation

1. The college observes the norms issued by Telangana University and the Government of Telangana on the **Admission Process**. The college admission process is fully automated and transparent as per the rules. The students are admitted as regards to academic performance, reservation policy and seats available in a particular course.

2. **Demand ratio** of the college has been encouraging during the given year 2020-21

Programme	Programme specialization	No. Of seats available	No. Of applications received	Students enrolled
B.A	HEP E/M			110
B.A	HEP T/M			79
B.A	HEP U/M			58
B.A	CA EP E/M&T/M			6+1
B.A	EPP T/M			7
B.A	EPP E/M	360	(Applications are received online through the Govt. of Telangana' s DOST platform and allotment of seats is also done online by DOST,Telangana)	5
B.A	EHPA E/M			18
B.A	EHPA T/M			12
B.A	HECA E/M&T/M			6+5
B.A	CAHP E/M			8
B.A	MEPs E/M			2

B.A	MECA E/M			3
B.A	MPP E/M			2
B.A	HPP E/M			12
B.A	HPP T/M			15
BBA	E/M	60		60
B.Com	CA E/M	180		252
B.Com	Taxation	60		21
B.Com	Business Analytics	60		24
B.Sc	MPC E/M			41
B.Sc	MPCS E/M			226
B.Sc	MSDS E/M	420		64
B.Sc	MSCS E/M			76
B.Sc	BTBC E/m			18
B.Sc	BZC E/M			192
B.Sc	BIO BC E/m			30
B.Sc	MiBC E/m	420		19
B.Sc	BTZC E/m			14
B.Sc	BCZ C E/m			3
B.Sc	MiZC E/m			12
B.Sc	BCCZ E/m			8
	Total UG Strength	**1500**		**1440**

P.G. Courses: 9

M.A	English	60		47
M.A	Economics	60		17
M.Com	M.Com	60		52
M.Sc	Mathematics	60		49
M.Sc	Botany	60		49
M.Sc	Zoology	60		56

M.Sc	Chemistry	60		48
M.Sc	Physics	60		50
B.Lisc		60		39

TOTAL:402

3. **1842 students including U.G. & P.G. are admitted** against the sanctioned intake of the academic year.

4. The institution strictly follows **Academic Calendar** prepared at the beginning of academic year and it contains schedule for examinations, terms, month-wise schedule for activities to be conducted by departments, committees and associations.

5. **Programme Outcomes, Programme Specific Outcomes and Course Outcomes** for all the programmes offered by the institution are stated and uploaded on website of the institution.

6. **Academic Diaries are provided** to the teachers and every teacher prepares teaching plans at the beginning of the academic year/semester. To prepare a **teaching plan**, they follow a systematic procedure by taking into account number of teaching days available in the semester, division of syllabus of each course into modules, units and sub-units.

8. **Mentoring Programme** is organized for every semester at the beginning of each each academic year. Coordinator, in consultation with the Class Teacher, identifies weak students in the second-and third-year levels as per the given criterion by 15th of June in the first term and from first to third year by 30th of November in the second term every year. Coordinators of the respective courses ensure that all mentoring documents are filed in the Department Mentoring File.

9. The Management of our college has kept the merit of the candidate, as a sole criteria for recruitment, so at present, we have **qualified and competent faculty** at our college. At present we have76faculty including 26 doctorates with varied experience and active research background.

10. The faculty makes use of **ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.**

11. **E- Content** is developed by teachers for the benefit of the students. Faculty at the college is fully trained to carry out teaching and learning activities on an digital platform using innovative teaching methods like: Kahoot, Infograph, Screencast-O-Matic etc. Workshops and training modules have been organized from time to time to aid interactive and innovative teaching.

12. Hands on Sessions have been organized on Google Meet and Google Extensions and Workshops/ Training Modules have been planned to equip teachers to take attendance, conduct tests and the like, with ease, on an online platform.

13. The faculty **publishes their research work** regularly in National and International Journals and presenting in conferences/ seminars at different levels.

14. The **'Examination Committee' of the college has framed its policy** post attaining autonomous status and looks after the planning for examinations, conduct of examinations and timely declaration of results along with settlement of grievances if any related to the examinations.

15. The institution has specified procedure for **continuous assessment** and to collect and analyze the data on student learning outcomes. For enhancing students' performance, a number of academic and co-curricular activities are planned and executed throughout the year.

16. The Institution has **administered Student Satisfaction Survey** in order to elicit student opinion and perspective regarding institutional environment, programs, and services. We have prepared Student Survey Forms as given in the NAAC Self Study Report as it encompasses all aspects to gauge student satisfaction. The survey results are shared as weblink. The feedback is taken online and analyzed with the help of specially developed software and results are interpreted with suggestions. Reports are prepared and presented to the Principal. The Principal gives the suggestions based on analysis of feedback given by students for improvements in overall institutional performance and the quality of teaching and learning process.

Report on results and details of Students Satisfaction Survey (SSS) 20-21

Girraj Government college (Autonomous), Nizamabad as an institute enhances its pursuit of quality through feedbacks/surveys on continuous basis. Students Satisfaction Survey (SSS) is one among these surveys. This survey includes the questionnaire recommended by NAAC. Apart from Teaching-Learning and Evaluation aspects, the survey has included the institution infrastructural and welfare aspects too.

Key findings from the Student Satisfaction survey:

1. More than 50% of students have expressed complete satisfaction over the quality of Teaching Learning in our college.

2. More than 65% of students have expressed that the teachers were able to communicate properly.

3. Students have appreciated the teachers' attitude towards teaching and fairness in evaluation. However, they have requested for more student exchange programmes.

4. Teacher's preparation, communication, use of appropriate teaching pedagogy and fairness of internal evaluation has been rated high in the survey.

5. The college provides ample opportunities for cultural activities, sports activities and extra-curricular activities.

6. Students appreciated teaching and implementation of learning outcome-based curriculum which includes continuous evaluation and assessment of students throughout the semester.

7. Students have also acknowledged that organisation of National seminars, workshops, Hands-on Sessions and interdisciplinary learning programmes, NCC Camps, NSS Camps, helped students in learning other subjects/aspects which were beyond their prescribed curriculum.

The SSS has also pointed out few grey areas where the college/ teachers/ departments do have scope for enhancement in quality of education. They are as follows:

1. Institute needs to promote internship and field visit opportunities more .

2. Formulate mechanism which will identify strength and weakness of students and provide them right level of challenges and help them to overcome their weakness.

3. Enhance use of ICT in teaching and equip laboratories with more resources.

4. Teachers should encourage research culture amongst students.

5. More emphasis on skill development and hands on assignments, inclusion of seminars, workshops and field visits for typically one subject.

6. Active mentorship especially for career guidance.

7. Design interdisciplinary courses.

RESULTS ANALYSIS REPORT-2021

COURSE	TOTAL	PASSED	FAILED	PASS(%)

B.A. C.A.(E/M)	15	8	7	53.33
B.A. E.P.P.(E/M)	18	15	3	83.33
B.A. E.P.P.(T/M)	30	25	5	83.33
B.A. EHPA(E/M)	15	14	1	93.33
B.A. EHPA(T/M)	35	25	10	71.43
B.A. H.E.P(E/M)	36	30	6	83.33
B.A. H.E.P(T/M)	39	31	8	79.49
B.A. H.E.P(U/M)	44	40	4	90.91
B.A. HECA(E/M)	13	4	9	30.77
B.A. HPP(E/M)	21	13	8	61.90
B.A. HPP(T/M)	26	10	16	38.46
B.A. HPSCA(E/M)	18	5	13	27.78
B.A. TOTAL	310	220	90	70.97
B.COM. C.A.(E/M)	139	121	18	87.05
B.COM. GENERAL(E/M)	84	65	19	77.38
B.COM. GENERAL(T/M)	32	29	3	90.63
B.COM. GENERAL(U/M)	29	27	2	93.10
B.Com TOTAL	284	242	42	85.21
B.SC. B.Z.C.(E/M)	83	74	9	89.16
B.SC. B.Z.C.(T/M)	45	39	6	86.67
B.SC. BBC(E/M)	24	21	3	87.50
B.SC. BC.Z.C.(E/M)	20	18	2	90.00
B.SC. BT.B.C.(E/M)	48	42	6	87.50
B.SC. BTZC(E/M)	44	42	2	95.45
B.SC. M.P.C.(E/M)	55	41	14	74.55
B.SC. M.P.C.(T/M)	41	19	22	46.34
B.SC. M.P.CS(E/M)	157	134	23	85.35
B.SC. M.P.G.(E/M)	50	17	33	34.00
B.SC. M.S.CS.(E/M)	108	75	33	69.44
B.SC. M.Z.C.(E/M)	23	15	8	65.22
B.SC. MBC(E/M)	26	21	5	80.77
B.SC. MECS(E/M)	52	27	25	51.92
B.Sc TOTAL	776	585	191	75.39
Grand Total	**1370**	**1047**	**323**	**76.42**

Criteria III: Research, Innovations and Extension

❖ The college has an active **Research Committee** which promotes the research in the college.

❖ **23 Research Paper Publications** in national and international Journals as notified on U.G.C. website, and more than **3 text books** published during the year.2020-21

Research Publications During 2020-21

S.No.	Name of Asst.Professor	Title of the paper	Name of the Journal (Scopus/ ICI/ Web of Science)	ISSN/ ISBN No.	UGC List No.	Month / Period	Impact Factor
1	Dr.D.Adeppa	Trends of Social Science Research in India	**MUKT SHABD JOURNAL**	ISSN 2347-3150	**UGC CARE LIST – GROUP –I Journal** 730	JULY 20	4.6
2	Dr.D. Adeppa	**Impact of Drought on Dry Land Farming on various aspects**	**MUKT SHABD JOURNAL**	ISSN 2347-3150	**UGC CARE LIST – GROUP –I Journal** 730	AUG 20	4.6
3	Dr .D.Adeppa	Sustainable Rural Development through Agriculture	**Budgeting System in Federal Government Paramount Publishing House**	ISBN No. : 978-93-88808-90-3		DEC 20	
4	Dr.Y.Venu Prasad	The Role of Mission Kakatiya Rejuvenation of Tank Irrigation Development of Telangana	**MUKT SHABD JOURNAL**	ISSN 2347-3150	**UGC CARE LIST – GROUP –I Journal 730**	Nov20	4.6
5	Dr.Y.Venu Prasad	Impact of Global Warming on Climate Change	**Budgeting System in Federal Government Paramount Publishing House,** Hyderabad	ISBN No. : 978-93-88808-90-3		DEC 20	
6	Dr.G.Linganna	Consumer behaviour towards durable goods	**MUKT SHABD JOURNAL**	ISSN 2347-3150	**UGC CARE LIST – GROUP –I Journal** 730	July 20	4.6
7	Dr.G.Linganna	FMCGs-Consumer Buying Behaviour	**Paramount Publishing House,** Hyderabad	**ISBN 97893-90631-14-8**		April 21	
8	N.Ramesh Goud	Kakatiyas Irrigation System& Its Legacy	**MUKT SHABD JOURNAL**	ISSN 2347-3150	**UGC CARE LIST – GROUP –I Journal** 730	Aug 20	4.6

9	M.Kumara Swamy	**Architecture Development In South India Under Vijayanagara Empire**	**MUKT SHABD JOURNAL**	ISSN 2347-3150	**UGC CARE LIST – GROUP –I Journal** 730	Oct 20	4.6
0	M.Kumara Swamy	**Historical monuments of pre historic period in India**	**MUKT SHABD JOURNAL**	ISSN 2347-3150	**UGC CARE LIST – GROUP –I Journal** 730	Nov 20	4.6
1	T.Devanna	An overview of Art and Culture in Telangana	**MUKT SHABD JOURNAL**	ISSN 2347-3150	**UGC CARE LIST – GROUP –I Journal** 730	AUG 20	4.6
2	Dr.Danduswamy	USING POWTOON ON LEARNING ENGLISH LANGUAGE ”	**MUKT SHABD JOURNAL**	ISSN 2347-3150	**UGC CARE LIST – GROUP –I Journal** 730	July20	4.6
3	Dr.Danduswamy	**IMPACT OF COVID 19 ON HIGHER EDUCATION**	Journal of Interdisciplinary Cycle Research	ISSN NO: 0022-1945	**UGC CARE LIST – GROUP –II Journal**		6.2
4	Dr.I.Gangadar	**Difficulties of Rural Students In Learning English Launguge at Degree Level**	**MUKT SHABD JOURNAL**	ISSN 2347-3150	**UGC CARE LIST – GROUP –I Journal** 730	June 20	4.6
5	Dr.P.Raviraj	**Pollen Flora of Nizamabad district (A case study of Manchippa Reserve Forest)**		**ISBN 978 - 81 - 944873 - 8 - 8**			
6	Dr.S.Suresh	**Consumer perception-Life Insurance**	**Paramount Publishing House,** Hyderabad	**ISBN 97893-90631-14-8**		April 21	
7	Dr.N. AmberSing	Gurujada Adhukika Drupadham	Bhavaveena	ISSN No. : 2456-4702 - RNI No. APTEL/2003 /12253	**UGC CARE LIST – GROUP –I Journal**	Oct20	
8	S.Akbar Pasha	Metabolic remodeling in Escherichia coli MG1655. A prophage e14-encoded small RNA, co293, post-transcriptionally regulates transcription factors HcaR and FadR	FEBS Journal	1742-464X (print); 1742-4658 (web)		July21	
9	Dr.Y.Venuprasad	Lift irrigation and Farm Economy	**Paramount Publishing House,**Hyderabad	**ISBN 97893-90631-14-8**		April 21	

20	Dr.K.Raju	Social and cultural conditions under Qutb Shahis	**MUKT SHABD JOURNAL**	ISSN 2347-3150	**UGC CARE LIST – GROUP –I Journal** 730	DEC 20	4.6
21	Dr.V.Shyam Kumar	**Resistance as a Theoretical Postulate in African and African American Prose**	**MUKT SHABD JOURNAL**	**ISSN 2347-3150**	**UGC CARE LIST – GROUP –I Journal** 730	Aug 20	4.6
22	Dr.T.Peddanna	**Effect Of Covid_19 On Global Major Stock Indices**	**MUKT SHABD JOURNAL**	**ISSN 2347-3150**	**UGC CARE LIST – GROUP –I Journal** 730	Nov20	4.6
23	Dr.H.Sateesh	Evolution of Global IT Services Industry Need for Technological Advancement in commerce	**MUKT SHABD JOURNAL**	**ISSN 2347-3150**	**UGC CARE LIST – GROUP –I Journal** 730	March 21	4.6

❖ **Linkages with institutions/industries** for internship, on-the-job training, project work, sharing of research. 9 MoUs signed with institutions of national, international importance, other universities, and industries.

❖ **87 faculty attended** Webinars/ Workshops/Conferences at National/ International level.

❖ **45 faculty attended Webin**ars/Workshops at local level.

❖ **7 faculty were invited as Resource persons** in various National webinars /Workshops / Conferences.

❖ 15 **extension and outreach programmes** were conducted in collaboration with NGO's and other bodies of NSS Units of the College.

❖ 20 **National Webinars and One International Webinars were conducted in the college during 20-21**

1. The webinars were instrumental in arousing the students interest towards research aptitude.
2. The webinars also helped the faculty members to understand and discover the new trends and perspectives in their respective fields of study.
3. 15 Departments conducted the webinars on topics of interest and importance and were extensively attended by the students in spite of Covid situation.
4. A brief report of one of such national webinar is enclosed herewith:

National Webinars Conducted during 2020-21

S.No	Title of the Webinar	Organized Dept	Date
1.	**Employability skills through English**	**English**	**22-03-21**

2.	Post Covid: Opportunities and challenges	Economics &NSS Units	24-03-21
3	Consumer protection Act-2019-A new milestone in Empowering consumers	Commerce & Business management	25-03-21
4.	'Dharmajuni Vakchaturiyam'	Telugu	30-03-21
5.	AtmaNirbhar Bharat: India Become a Global Leader	Economics	26-03-21
6.	Techniques of Drug Design Synthesis and analysis	Chemistry	27-03-21
7.	Translation in urdu-Employment opportunities	Urdu	30-03-21
8	Dharmajunivakchaturyam	Telugu	30-03-21
9	Hindi me Rojgaar ki Sambhavanayen	Hindi	31-03-21
10	Covid 19 – A boom in Digitilization	Commerce& Business management	31-03-21
11	Effect of Blue Light Emitted from Electronic Screens on Memory	Botany	31-03-21
12	Computational Chemistry	Chemistry	01-04-21
13	Entreprenuership opportunities through research science.	Chemistry & EDC	03-04-21
14	Role of Remote Sensing in Natural Resource Management &Governance	Physics	16-04-21
15	Awareness Programme on Covid 19 Vaccination	NSS Units	18-04-21
16	Eco system Restoration	Botany,NSS Units ,Chemistry,Eco Club&Harita club	05-06-21
17	Plants &Environment (InterNational Webinar)	Botany	08-02-21
18	Evolution of Sporophyte in Bryophytes&Steler Evaluation in Pterido phytes	Botany	23-02-21
19	Bio Diversity: Hot Spots Of India	Botany	24-02-21
20	Women and Human Rights in India	Botany	11-06-21

Brief report on Webinar on 'ROLE OF REMOTE SENSING IN NATURAL RESOURCE MANAGEMENT & GOVERNANCE' held on 16th April, 2021 organized by the DEPARTMENT OF PHYSICS, GIRRAJ GOVT. COLLEGE (A), NIZAMABAD-503002

Department of Physics, Girraj Government college (Autonomous), Nizamabad, in collaboration with National Remote Sensing Center(NRSC) conducted a Webinar on "ROLE OF REMOTE SENSING IN NATURAL RESOURCE MANAGEMENT & GOVERNANCE' for the undergraduate and Post-graduate students and faculty in physics. This unique programme aimed at providing a detailed application of remote sensing to manage the natural resources. This webinar is useful to the students and faculty to unleash their potential and further interest in physics. Toal 250 members have participated including faculty and students from different institutions.

SYNOPSIS OF WEBINAR: Remote sensing is the art and science of acquiring images, by using an air or space platform - a target's physical and chemical properties using electromagnetic radiation and inferences made from it. India is a major provider of remote sensing data of land, oceans, and atmosphere in the world in a variety of spatial, spectral and temporal resolutions meeting the needs of many applications of relevance of national development. Indian Remote Sensing (IRS) Programme is a major initiative towards inventorying the natural resources and sustainable development plans of our country.

Some of the major application themes where remote sensing data is used are agriculture, forestry, water resources, land use, urban sprawl, geology, environment monitoring, marine resources, snow and glaciers, disaster monitoring and mitigation. The G-governance or the Geospatial governance is a broad technological framework that aims to bring reliable, quality and time-bound services/welfare measures to the citizens by the use of Remote Sensing, GIS (Geographical Information Systems), GPS (Global Positioning Systems) and mobile internet communications towards a sustainable livelihood in the country.

Criteria IV: Infrastructure and Learning Resources

4.1 Physical Facilities		
4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year		
Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development	
4.1.2 Details of augmentation in infrastructure facilities during the year		
Facilities	**Existing**	**Newly added**
Campus area	27.23 Acers	
Class rooms	42	
Laboratories	26	
Seminar Halls	4	
Classrooms with LCD facilities	4	
Classrooms with Wi-Fi/ LAN	0	

Seminar halls with ICT facilities	4	
Video Centre		
No. of important equipments purchased (≥ 1-0 lakh) during the current year.		
Value of the equipment purchased during the year (Rs. in		

Library Services:

		Existing		Newly added		Total	
		No.	Value	No.	Value	No.	Value Value
Text Books		62332	**7003622**	**1164**	**352413**	**63496**	**7356035**
Reference Books		4250	**202522**	**165**	**82562**	**4415**	**285084**
e-Books		N.list(3135809)	**5900 per year**	**0**	**0**	**3135809**	**5900**
Journals							
e-Journals		6237(N.list)	**0**	**0**	**0**	**6237**	**0**
Digital Database		Database with soul ,NewGenLib					
CD & Video							
Library automation		PG with SOUL, UG with NewGenLib					
Weeding (Hard & Soft)							
Others (specify)							

3. The institution has 2 number of state-of-the-art audio-visual classrooms with LCD projectors, smart boards, mikes and air-conditioners.

4. The Examination Cell of the College is a confidential section which aids conducting exams in a fair and systematic manner.

5. We have an auditorium with a capacity of 700 people with high-end facilities.

6. Research Centre with modern technology, e-resources, discussion and presentation room.

7. Well-equipped Interactive Language Laboratory.

8. The college central library is partially automated with N-List Integrated Library Management Software.

9. Bandwidth of internet connection of 120 mbps.

Criteria V: Student Support and Progression

1. Various scholarships/free-ships made available to the students from the management as well as state government.

2. 56 capability enhancement and development schemes such as Soft skill development, Language lab, Bridge courses, Meditation, Personal counseling etc. undertaken and 165 students are benefitted.

3. The college has a Entrepreneurship Development cell which looks into creating awareness about various factors involved in entrepreneurship by arranging guest lectures, talks by successful entrepreneurs etc. It also acts an Incubation Centre to develop the ideas of the students into successful enterprises. This cell will not only create awareness about various factors involved in entrepreneurship by arranging guest lectures, talks by successful entrepreneurs etc. It also acts as an Incubation Centre to develop the ideas of the students into successful enterprises.

4. The College has a unique Employability skill development wing called as the Telangana Skill and Knowledge Centre . The center imparts training on employability skills, quantitative aptitude, communication skills, reasoning skills and communication skills. It also trains the students for Placements on-campus or off-campus job drives. It helps the students secure Internships and plans Industrial visits for a hands-on experience of the corporate world and its requirements. 250 students participated in on- campus and off-campus recruitment Drives and 52 students were placed through placement cell.

<u>PLACEMENTS and TRAININGS REPORT 2020-2021</u>

A. PLACEMENTS:
  1. On-Campus Recruitment

S.NO	Recruitment	No. Of Students participated	No. Of Students Placed
1	ICICI Bank –Relationship Managers Job drive (Online)	60	20
2	NIIT- ICICI Sales officers Recruitment	98	31
3	HETERO Pharma- Executives Recruitment	54	17

  2. Off-Campus Recruitment

S.NO	Recruitment/Firm	No. Of Students got Placements
1	TCS	04
2	WIPRO –WILP 2021	04
3	COGNIZANT Technologies	02
4	INFOSYS	08
5	DEV2PROD IT Solutions	01
6	Amazon	02
7	CYIENT Technologies	06
8	SBI BRE	04
9	BYJU's	01

B. TRAININGS

Sl.no	Activity	No. Conducted	No. of Students Participated	Outcome / Placement
1	Infosys Intensive Week-long Soft Skills Training	01	06	06 students were certified by Infosys BPM for their excellent participation
2	SPOKEN TUTORIALS – IIT MUMBAI	17 courses	170	Students learned short term courses like Python, Libre office, C+, C++ , GChem paint, etc on FOSS platform sponsored by IIT Mumbai
3	Telangana Academy of Skills and Knowledge trainings	02	36	Students availed varied resources like data about Job openings, Internships, on campus trainings by TASK etc.
6	Mentorship Programmes in collaboration with Industry MENTOR TO GO sessions	03	300	Students got enrolled in Mentorship programme where students are personally mentored by established industrialists/corporates
6	TSKC Trainings- arithmetic ability, computer skills and communication skills	02	60	

C. ENTREPRENUERSHIP Trainings

Sl.no	Activity	No. Conducted	No. of Students Registered	Outcome / Placement
1	Infosys SPRINGBOARD Online Learning		124	Nearly 40 students enrolled in various online courses on skill development and entrepreneurship available on Infosys Springboard platform
2	ANIMATION Course in collaboration with DDU-GKY and IACG, Hyderabad	1	115	Nearly20 students are presently undergoing a 12-month intensive training on Animation and UI/UX with placement opportunities

Criteria VI: Governance, Leadership and Management

1. The institution practices decentralization and participative management.

2. Institute has a computerized accounting system to handle all transactions using customized software.

3. Submission of Data for AISHE portal.

4. **Green Audit** for the institution has been completed. Green Audit of the Campus was performed on May 30, 2019 and detailed audit was conducted on June 14, 2019.

5. **Internal Audit** was conducted in August/September 2020 by the Internal Audit Committee.

6. **Faculty Development Programmes**: 165 teachers completed professional development programmes, Orientation Programme, Refresher Course, Short Term Course, and Faculty Development Programmes during the academic year 2020-21.

Title of the professional development programme	Number of programmes	From	To	Duration
FDP	110	01-07-20	30-06-21	O7
RC	10	01-07-20	30-06-21	14
Online RC	40	01-07-20	30-06-21	14
Online OC	05	01-07-20	30-06-21	28

Criteria VII: Institutional Values and Best Practices

1. Gender equity promotion programmes organized by the institution

   ☐ Women Self – Empowerment

   ☐ International Women's day

2. Best Practices:

A. **Annual Green Audit :** Green Audit of the college is done every year and suitable corrective measures are undertaken for better consumption and conservation of energy resources in the college premises. Green Audit is a process of systematic identification, quantification, recording, reporting and analysis of components of environmental diversity of institute. It aims to analyze environmental practices within and outside of the concerned place, which will have an impact on the eco-friendly atmosphere.

Green audit is a valuable means for a college to determine how and where they are using the most energy or water or other resources; the college can then consider how to implement changes and make savings. It can create health consciousness and promote environmental awareness, values and ethics. It provides staff and students better understanding of Green impact on campus. If self-enquiry is a natural and necessary outgrowth of a quality education, it could also be stated that institutional self-enquiry is a natural and necessary outgrowth of a quality educational institution. Thus it is imperative

that the college evaluate its own contributions toward a sustainable future. As environmental sustainability is becoming an increasingly important issue for the nation, the role of higher educational institutions in relation to environmental sustainability is more prevalent.

Routine Green Practices: Every year college celebrates World Environment Day, World Water Day and Ozone Day in the campus. The main focus of these programems is to provide awareness to the students about the importance of the environment, its conservation and sustainable use of environmental resources. 53 programmes are conducted through seminars, poster presentation, quiz competition debates etc. Green activities like conduction of seminars/conferences/workshops/student competitions /awareness programmes / observation of environmental related days etc and activities through Student clubs (Environmental club/Green club/Nature club/Biodiversity club/ ECO Club/Friends and Fauna Club/Science club etc.) are conducted regularly.

SUGGESTIONS AND RECOMMENDATIONS of the Green Audit report 2020-21:

1. **Water Management**: The water sources are safe in terms of contamination. The wells can be recharged with rainwater from rooftops of buildings. The area of the rooftop is 33108.68m2 . Approximately 102532 m 3 of water can be harvested from the roof area of the building. Rainwater for laboratory purposes – Construction of a 10000L rain water harvesting tank can satisfy the needs of the laboratory. The rain water can also be used as a source for drinking water.

2. **Energy management**: The energy audit recommends to avoid the use of more energy consuming electrical appliances and to replace with more environment friendly and energy efficient appliances (for example five stars rated Air conditioner) in the college. The potential of renewable energy sources have to be explored. As the college has a very large roof area for installing solar panels so that it can be effectively used for generating power. The college has started steps in installing the solar panels for the office. It is recommended to install the following solar powered appliances in the campus; Solar powered street lights and LED display board Green Campus In order to increase the carbon credit and greenery of the campus, it is recommended to plant more indigenous and evergreen / fruit trees inside the campus.

3. **Waste Management**: Try to avoid the use of plastic in the campus, and to encourage the use of biodegradable materials as alternatives. Try to achieve the goal of a plastic free campus. Leaf litter from the campus can be effectively used for aerobic/ vermin-composting, so that the composted material can also be used as good manure. Recycle the paper waste instead of incinerating or burning.

B. Name of the Best Practice**: Developing Blended Learning during the Pandemic**

Objectives:

- To make use of latest technology in teaching and learning by both teachers and learners.
- To develop the skills and confidence of educators in the appropriate and effective use of digital technology to support learning and teaching.
- To make teachers to reach more students by orders of magnitude than via on-campus courses.
- To aware students about the importance of the use of digital academic resources to reduce the use of paper.
- To disseminate new concepts and ideas more quickly, and touch more people and impact more lives.
- To enable students to develop effective self-directed learning skills through learning tools and technology.

Context: NEP 2020 promotes multi-modal learning ecosystem to fulfill the aspirations of students. As they are the main stakeholders in learning system, it re-affirms through face-to-face interaction and virtual mode/ e-resources.

The Practice: Workshops are conducted to familiarize all the faculty members with ICT and e-resources to effectively engage online classes. Online classes are designed according to the needs and levels of the students through Google classroom, Microsoft team and Virtual labs. Whatsapp and Telegram group have been created for each section of every classroom. Free wi-fi is provided in the college campus. Smart classrooms, podiums and projectors are used effectively.

Evidence of Success: The practice has yielded desired result. The students have taken keen interest in virtual classes. They are cordially learning through these latest online learning platforms. Students residing in far-flung areas are specially benefitted during pandemic. Notes are provided in various formats (docx., pdf., ppt.). Experiments and viva- voce are conducted online.

Problems Encountered and Resources Required: Creating an effective self-paced learning environment becomes a major challenge because some students require more time than others to learn skills. Lack of resources like smart phone, laptops and internet connection with rural students is another major challenge for the college. Technical and network glitches disrupt the classes.

C. Title of the Best Practice**: Organizing Coaching for Post graduate entrance examinations and Competitive Examinations**

Objectives

a) To acquaint the students about the nature of competitive examination for employment and Post graduate entrance examinations

b) To aware students about the stages of the competitive examination.

c) To inform the students about the question paper pattern.

d) To acquaint the students about the sources of the required material.

e) To emphasize on the time management and stress redressal.

Context: It is a common fact that most of the students, hailing from the rural areas are not conscious about their career. They think about it only after graduation. Apart from the teaching of the traditional courses, it is necessary to impart knowledge about the competitive examinations that the students will face after their graduation or post-graduation.

The Practice: Various departments alongwith career guidance cell hold sessions for the freshers and the senior students to make them aware of the employment opportunities both in public and private sectors. The classes for the competitive examinations are held after the regular classes in the zero hour. The department prepares its own time table and runs the classes accordingly. The Placement Cell and individual departments also provide opportunities for internship and summer training. In addition, the institution also organizes talks on academic and career development, training programs and workshops to bridge the knowledge gap between students and the job market.

Evidence of Success: Quite impressive numbers of students have cleared NET, TET, Police department examinations, Defence services, Banking Services and other competitive exams conducted by SSC and TSPSC.

Problems Encountered and Resources Required: Resources are required for better multimedia rooms and other infrastructural resources to meet the increasing demand for placements in better companies. Faculties are also overburdened by administrative work. Language lab is also needed.

D. GGC Cell for Entreprenuership (GGCCE)

Title of the Best Practice: Girraj Government College Cell for Entreprenuership

The Context: To supplement the efforts in skill-based education the College has established a **Cell for Innovation, Incubation and Entrepreneurship' (GGCCE)** to encourage enquiry, sustain inquisitiveness, promote innovation, and nurture entrepreneurial skills among the students. Considering that the students at College are pursuing conventional degree course in Arts and Science faculties, the establishment of the Cell is a milestone in the Institution's quest for excellence in teaching in training. The GGCCE undertakes planning, coordination and implementation of various

programs to meet the objectives of sensitizing students and encouraging entrepreneurial spirit amongst them.

The practice:

The College Entrepreneurship Cell conducts activities to sensitize and encourage the entrepreneurial spirit among the students of Arts and Science faculties. In its initial phase the students will be made more open to think as entrepreneurs and become future employers rather than employment seekers. This can be considered a paradigm shift for the students of the College who are conventionally trained only to completing their academic programs to earn a degree.

EVIDENCE OF SUCCESS:
The College conducted following activities to sensitize and encourage entrepreneurship spirit amongst its students;

- Orientation programs for ideation and conceptualization of business plans

- Workshops to train students in making business plans and pitching them
- One to one mentorship sessions with domain experts
- Entrepreneurship based competitions and showcasing platforms for students
  Expert talks are conducted through Entrepreneurship Development Cell.

E. Title of the Best Practice**: Conducting Webinars during the Pandemic**

Nearly 20 National and International Webinars were conducted in the academic year 2020-21. The webinars were instrumental in arousing the students interest towards research aptitude. The webinars also helped the faculty members to understand and discover the new trends and perspectives in their respective fields of study. 15 Departments conducted the webinars on topics of interest and importance and were extensively attended by the students in spite of Covid situation.

S.No	Title of the Webinar	Organized Dept	Date
1.	Employability skills through English	English	22-03-21
2.	Post Covid: Opportunities and challenges	Economics &NSS Units	24-03-21
3	Consumer protection Act-2019-A new milestone in Empowering consumers	Commerce & Business management	25-03-21
4.	'Dharmajuni Vakchaturiyam'	Telugu	30-03-21
5.	AtmaNirbhar Bharat: India Become a Global Leader	Economics	26-03-21
6.	Techniques of Drug Design Synthesis and analysis	Chemistry	27-03-21
7.	Translation in urdu-Employment opportunities	Urdu	30-03-21
8	Dharmajunivakchaturyam	Telugu	30-03-21
9	Hindi me Rojgaar ki Sambhavanayen	Hindi	31-03-21
10	Covid 19 – A boom in Digitilization	Commerce& Business management	31-03-21
11	Effect of Blue Light Emitted from Electronic Screens on Memory	Botany	31-03-21
12	Computational Chemistry	Chemistry	01-04-21
13	Entreprenuership opportunities through research science.	Chemistry & EDC	03-04-21
14	Role of Remote Sensing in Natural Resource Management &Governance	Physics	16-04-21
15	Awareness Programme on Covid 19 Vaccination	NSS Units	18-04-21
16	Eco system Restoration	Botany,NSS Units ,Chemistry,Eco Club&Harita club	05-06-21
17	Plants &Environment (InterNational Webinar)	Botany	08-02-21
18	Evolution of Sporophyte in Bryophytes&Steler Evaluation in Pterido phytes	Botany	23-02-21
19	Bio Diversity: Hot Spots Of India	Botany	24-02-21
20	Women and Human Rights in India	Botany	11-06-21

F. Title of the Best Practice : **Q.R Coding of Plants in the College Premises**

The Department of Botany maintains a botanical garden which consists of Wild, Medicinal and Ornamental Plants. The botanical garden caters to the needs of students for their practical work, the students collect plant twigs from the garden for their taxonomy practical. Earlier the Scientific Names on the Name plates were displayed. But from June 2021 onwards QR codes were assigned to the plants in the campus as per directives received from O/o the Commissioner of the Collegiate Education, Hyderabad.

The QR (QR stands for quick response) codes are two dimensional barcodes. These QR codes are machine readable optical label that contains information about the tree/plant to which it is attached. The QR codes data about an item generally used for location, identification or track that points to a website or application. The QR code consists of black squares arranged in a square grid on a white back ground, which can be read by the camera of the mobile phone and processed using the software until the image of the QR code in the image can be accurately interpreted.

The main objectives of taxonomical information for digitalization using new techniques of QR code are as follows:

1) To incorporate the plant species information to QR code such as a) Vernacular name of the plant b) Botanical name of the plant c) Family of the plant d) category of the plant type such as Herb/Shrub/Tree and e) number of such species present in the college.

2) To visualize the plant information through scanning the QR code the main benefits of QR code assigning to the plants is that, any student or any interested person wants to know about the information of a plant. He or She is to scan the QR code attached to the plant with his or her mobile phone camera to get the information quickly and on the spot itself without going into library or to meet the subject expert for information search to know about the plant.

Internal Quality Assurance Cell (I.Q.A.C.)

Review of External Peer Team on 16.11.2021

Performance appraisal of the College - Academic Year 2020-21

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Observations of the External Peer Team:

- The institution has constituted all the mandatory bodies such as I.Q.A.C., Governing Body, Academic Council, Finance Committee, Board of Studies and other committees as per norms laid down by the U.G.C. for autonomous colleges.

- The functioning and conduct of the academic activities are in tune with Academic Calendar of the college.

- Proceedings and functioning of all the mandatory bodies is compliant with the guidelines and documentation for the same has been maintained.

- It is observed that the I.Q.A.C. of the college is playing an active role in maintaining quality standards in teaching, learning and evaluation which is evident in the positive rankings of the institution.

- It is observed that the college has been maintaining high academic standards in curriculum design, teaching, assessment strategies and research.

- The college has excellent infrastructure with adequate learning resources.

- There is active participation of students and other stakeholders in academic and statutory bodies of the college.

- Extension and outreach programmes are undertaken by N.S.S, N.C.C, T.S.K.C, W.E.C, I.C.C, E.D.C and other forums and good numbers of students participate in it.

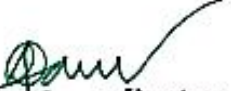- Faculty is being encouraged for participation in Refresher courses, Faculty Development Programme etc.

Recommendations of the External Peer Team:

- ➢ The Committee feels that there should be more initiatives and programmes conducted under Entrepreneurship Development Cell.

- ➢ More number of certificate courses should be started and implemented.

- ➢ More focus should be given to increase the number of placements for the final year students.

- Every department should endeavor to implement at least one best practice.

- Career guidance cell should conduct more trainings/coaching separately for Arts, Commerce and Science students.

- Gender equity programmes may be increased in each academic year.

- As the Autonomy renewal of the College is impending, Autonomous progress report may be prepared for submission to UGC at the earliest.

- In the area of Infrastructure development, more toilets for girl students and women staff should be provided, the ICT enabled classrooms should be increased and Library facilities should be updated by provision of more number of books related to competitive exams, computer and internet facilities.

- Staff should take efforts to create and disseminate e-content to students and also make it available on the college website.

- Job-oriented certificate courses may be introduced into the curriculum.

S.No	Name & Designation	Address	Signature
1	Dr. K.Ravinder Reddy, Chairperson	Member, Executive Council, Telangana University	
2	Dr. P.Ram Mohan Reddy Member	Principal, GDC, Dharpally, Dist: Nizamabad, Telangana.	
3	Sri. S. Rangaratnam Member	Principal, GDC, Bodhan, Dist: Nizamabad, Telangana	
4	Dr. T.Venugopal Swamy Member	Principal, GDC, Armoor, Dist: Nizamabad, Telangana.	

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