



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		T.R.R.GOVERNMENT DEGREE COLLEGE
Name of the head of the Institution		Dr. M. Ravi Kumar
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		+917981322773
Mobile no.		9440221228
Registered Email		gdckandukur@gmail.com
Alternate Email		maridinapalli.ravikumar@gdckandukur.ac.in
Address		Near Saibaba Temple, Kovur Road
City/Town		Kandukur
State/UT		Andhra Pradesh
Pincode		523105

2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Semi-urban
Financial Status	state
Name of the IQAC co-ordinator/Director	Dr.P.Raj Gopala Babu
Phone no/Alternate Phone no.	+917036239592
Mobile no.	9490300526
Registered Email	rajgopalb6@gmail.com
Alternate Email	trriqac@gmail.com

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	https://www.gdckandukur.ac.in/page.php?type=iqac&id=aqar-reports
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.gdckandukur.ac.in/admin/ckeditor/uploads/UG%20Revised%20Academic%20Calender%202019-20.pdf

5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B+	70	2006	21-May-2006	22-May-2013
2	B	2.15	2014	05-May-2014	06-May-2019

6. Date of Establishment of IQAC	01-Jul-2006
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries

IQAC		
Interaction with stakeholders	17-Jul-2019 01	78
Programme to encourage students especially Girl students to participate in Games and Sports	20-Aug-2019 01	150
Evaluation of the Semester Results	27-Nov-2019 01	200
Programme to create Health Awareness among Girl Students	07-Jan-2020 01	100
To Start Competitive Exam Training to students with a fixed schedule	21-Jan-2020 40	40
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institution	General Budget	State Govt	2019 365	87755
Institution	Infrastructural Grants	RUSA	2019 365	5000000
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

7

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

With a motive to be in touch with the society, the institution deals with a Variety of activities like training to farmers in Azolla farming, Vermi compost along with several other extension activities.

Encourage the staff and students to participate in various activities and also do courses like MOOCS, and other research based activities.

To start new PG courses in the college and also encourage innovative certificate courses.

Strictly adhering to the institutional calendar and the academic calendar of the affiliated university.

Working in tandem with the nearby society by taking the cooperation of the alumni, reputed institutions, nearby industry and the parents

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Encouragement in promoting Research	Conducted programmes to encourage and motivate the Staff towards Research
Coordinating with Stakeholders	Teachers-Parents meeting, Students Motivational program, Alumni meetings were organized
Outreach and Extension programs	1. International Yoga day 2.Swachh Campus 3. Blood Donation by Staff & Students 4.AID's Awareness Programme 5.Flag fund collection 6. awareness programme with NDRF team 7.Save Water Rally 8. Janmabhumi Program 9. Vanam-Manam Program 10. Voters' Enrollment Campaign 11. Traffic awareness Programme and traffic controlling 12. Swachh Pakwada 13. Army Flag day fund collection 14. Awareness programme on Health issues 15. NSS Special camp
Academic Awareness Programs	Observation of National and International Days like Celebration of 'Unity Day', Observation of Vardhandhi of Dr.B.R.Ambedkar, Celebration of Gandhi Jayanthi, Celebration of Nehru Jayanthi, Celebration of Birthday of Great Personalities like Gurram Jashuva & Bhagat Singh, Observation of 'Population Day' Celebration of 'Patriotism Day', Celebration of Hindi Basha Dinostavam Celebration of Telugu Basha Dinostavam, Celebration of

National Science day Observation of Ozone day Also conducted awareness programmes like 'MOCK PARLIAMENT', Digital Initiatives training to staff etc.

Preparation and implementation of Institutional calendar based on academic Calendar of University

Institutional Academic Calendar was prepared in the beginning of the academic year and was circulated to all the departments which was achieved successfully

[View File](#)

14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Staff Council	17-Aug-2021

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2020

Date of Submission

11-Feb-2020

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

The Comprehensive Financial Management System is being implemented for all Financial Transactions in the college . It is a system developed by Andhra Pradesh Centre for Financial System and Services(APCFSS). It enhances the efficiency and transparency in Financial Transactions and operations and accountability at all levels. Further it reduces paper work and manual work. It also brings down the hardships in presentation and realisation of the bills at the DDO level. All the Service registers of the Teaching and Non teaching Staff have been uploaded into the e SR portal . They are being updated digitally. This ensures safety of the records of all the employees. Biometric attendance system is being followed in the college

for both the Students as well as the members of the teaching and Non teaching staff. This ensures punctuality among the staff and regularity among the students. The Social welfare scholarships of the students are based on this Bio Metric attendance. The Admissions of the students are also done through online mode wherein all the details are uploaded into the Jnanabhumi portal initiated by the Govt of AP. Similarly all the details of the faculty are also updated and uploaded periodically in the same portal. It is Link between the University and the colleges.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The faculty analyses the needs of the students before the beginning of every semester and plan the curriculum as prescribed by the university in such a way that it includes activities and sub activities related to the prescribed syllabus. The effective delivery of the curriculum includes a wide variety of things from the recruitment of Skilled faculty by government, work culture, supervision and revision through periodic meetings with the principal, faculty and student committee meetings. The heads of each department submit a workload statement at the beginning of every Semester based on which time table is prepared. Through a series of interactive activities like group discussions, power point presentations, quizzes, debates, student seminars, the students are given practical insight into the curriculum that will help the students to develop their high order cognitive skills such as critical analysis, problem solving, evaluation and synthesis. The following are the attempts of the college towards curriculum planning and development.

- CBCS model as per the University norms is put in place.
- Preparing a planned work schedule keeping in the mind the weightage given for each paper and the number of hours allotted as per the university norms .
- Providing internet facility to both the staff and students in the library.
- Replenishing the library with books of changed syllabi every year.
- Using ICT methodical tools for entering the effectiveness of T-L-Process .
- Preparing sufficient slides for every paper covering the essential aspects.
- The minimum number of working days as stipulated by the university is deeply adhered to every year.
- Continuous assessment through Internal Tests is followed.
- Periodic tests are conducted in the effective delivery of the curriculum and assessment of the students.
- All the laboratories are upgraded every year as per the requirement of the curriculum.
- Field trips are organized to provide practical exposure to the students.
- Internet based activities and assignments are given to students to make them have the latest knowledge in their respective subjects.
- Organizing seminars, conferences and workshops.
- Certificate courses are given every year by various Departments

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of	Duration	Focus on employ	Skill
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		Introduction		ability/entrepreneurship	Development
JKC Tally	NIL	02/12/2019	30	Self Employment	Accounting Skills
Physics Basics of Domestic Electrical Appliances	NIL	01/08/2019	30	Self Employment	To understand the mechanism and repairing of home appliances like Iron Box, Electric Fan, Fridge, Television etc
Chemistry Chemical Analysis of water	NIL	02/09/2019	30	Employment in Chemical Labs	To estimate the hardness, pH and hazardous chemicals in water

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BA	EEP (Special English)	27/06/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BA	EEP (Special English)	27/06/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	81	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Hardware networking	01/08/2019	60
E Commerce	27/12/2019	52
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
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BSc	Field visit to the Physics Department of Andhra University and Vizag Steel Plant by the Department of Physics.	25
BSc	Field Visit to Devi Sea Foods, Singarayakonda by the Department of Chemistry.	30
BSc	Field Visit to Devi Sea Foods, Singarayakonda by the Department of Zoology:	25
BSc	Field Visit to Central Tobacco Research Institute Research Station, Kandukur by the Department of Botany. Visit to Central Tobacco Research Institute Research Station	50
BCom	Field Visit to Andhra Pragathi Grameena Bank, Kandukur by Department of Commerce.	50
BA	Field Visit to Agricultural field, Ponnaluru by Economics Department.	40
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

After receiving the feedback, the principal holds regular meetings with In-charges of different Departments to discuss and review it. We identify the lacunae and try to address the issues if any, raised by the stake holders. The institution uses feedback for enrichment of Curriculum. The institution takes part in the curriculum development process through appropriate analysis of feedback from the various stakeholders from time to time and assimilates the suggestions in its functioning. We discuss the problems in the curriculum among ourselves. Finally, the institution represents these suggestions through various capacities to the University for appropriation in the Curriculum.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BA	HEP	40	83	40
BSc	MPCS	30	30	25
BSc	MPC TM	30	8	8
BSc	MPC EM	30	12	11
BSc	BZC TM	30	35	28
BSc	BZC EM	30	14	11
BCom	Computer Applications	50	54	44
BCom	General	60	25	19
BA	EEP	20	21	19
BA	HET	20	20	19

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	517	Nil	27	Nil	Nil

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
27	27	10	10	5	Nil

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

In the recent years Ward Counselling and Mentoring system have emerged as a strong response to the plight of the students at risk. The College offers a highly efficient Ward Counselling and Mentoring system through which a group of students consisting 20 students are assigned to a faculty member at the commencement of the programme. The Teacher accumulates the personal and academic details of the students in the prescribed format without touching sensitive issues. The Teacher can understand the socio-economic status of the students and handle with them carefully. The Teacher meets their students and guides them with their studies and extracurricular activities and also about the blocks the students have in their progression. In the present days the Teacher acts as a link between the students and the institution. The Teacher also provides advice relating to selection of major, career guidance and personal problems. The Teacher acts as guide to the students during

their studies and projects. The Ward Counselling and Mentoring system of government degree college ensures that the students adapt to the dynamic learning environment and lead their ways into highly successful careers. The Teacher enhances the student's confidence and challenges them by setting higher goals, taking risks and ultimately guiding them to achieve higher levels. The Teacher supports at the time of need and offers guidance and proper advice to the students during the crucial stages of their academic, professional and intellectual development. As our college is located in a rural area and more over most of the students are children of migrant labour. They go far off places for work and leave their children at home. A separate counselling cell has also setup by the authorities to regularly mentor the activities of girl students, who have also been advised to report any incidents of change in behaviour of their batch mates. The women empowerment cell organises classes on health and hygiene and reveal any problem they face in their academics or at personal level.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
517	27	1:19

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
29	19	10	1	13

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	00	Nil	00
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BSc	03	II, IV, VI	20/03/2020	16/11/2020
BCom	02	II, IV, VI	20/03/2020	16/11/2020
BSc	03	II, IV, VI	20/03/2020	16/11/2020
BA	01	I, III, V	30/10/2019	20/12/2019
BCom	02	I, III, V	30/10/2019	20/12/2019
BCom	07	I, III, V	30/10/2019	20/12/2019
BSc	03	I, III, V	30/10/2019	20/12/2019
BA	01	II, IV, VI	20/03/2020	16/11/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Reforms initiated on Continuous Internal Evaluation (CIE) system at the institutional level (250 words) A continuous system of internal evaluation is being done in the college. University external exams are assessed for 75 and 25

is for internal assessment. For effective assessment the college has setup an internal examination committee and a lecturer will be the in-charge of it with two others as members. They monitor the conduct of internal exams and also observe that the marks are posted in the central marks register for internal exams. Apart from this, assignments and slip tests are being conducted regularly to keep the students abreast of the completed syllabus. Activities like seminars, project works, quizzes, group discussions, are being done on a regular basis to improve the creative skills among the students and also assess the overall improvement among the students. The students who get less marks and those who are absent for the exams will be called for counselling by the ward counsellors. The reasons will be discussed and they are instructed to reappear for the tests. Remedial coaching and classes are taken up for the weak students. The college also conducts lectures to see that students get motivated and the required Teaching-Learning outcomes are obtained.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The college prepares the academic calendar mentioning the activities to be taken up during the academic year after receiving the academic calendar of the university. We plan our activities keeping in mind the university semester end examinations and internal exams. The various co-curricular and extracurricular activities are planned accordingly. Generally, the extra-curricular activities start with Yoga DAY on 21st June every year, Telugu Basha Dinostavam, National Sports Day, Constitutional day, AIDS day, Human Rights Day, Hindi Diwas, National Mathematics Day, Mathru Basha Dinostavam, and other timely activities have been conducted in our college to inculcate the spirit of patriotism and also to install confidence among the students. The students will be inspired by the programmes. The co-curricular activities like Seminars, Group Discussions, Workshops and Quizzes will be conducted as per the schedule. Even if there are any slight variations due to unforeseen incidents we will adjust accordingly. The activities are used to encourage the creative thoughts to crop up among the students. We channelize them properly and see that students get maximum benefit out of these activities. We adhere to the academic calendar prepared by the IQAC institutional plan to the maximum extent and also see that all the students are benefited.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<https://www.gdckandukur.ac.in/admin/ckeditor/uploads/POs,%20PSOs,%20COs.pdf>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
No Data Entered/Not Applicable !!!					
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://www.gdckandukur.ac.in/admin/ckeditor/uploads/SSS%202019-20.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Any Other (Specify)	00	NIL	0	0
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
NIL	NIL	01/08/2021

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Prathibha Award	U. Madhan	State Govt	11/11/2020	BC
Prathibha Award	S. Sujatha	State Govt	11/11/2020	SC
Prathibha Award	Sk. Hussenbi	State Govt	11/11/2020	BC
Prathibha Award	J. Mounika	State Govt	11/11/2020	SC
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
01	Sewing and Beading training Centre	WIOMEN EMPOWERMENT CELL	NIL	NIL	12/12/2019
01	Vermicompost unit	Zoology Department	NIL	NIL	19/02/2020
01	Azolla cultivation and training	Botany Department	NIL	NIL	21/01/2020
01	Organic farming	College	NIL	NIL	02/01/2020
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	00	00

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
NA	Nil

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Economics	1	2.5
National	Telugu	1	0
National	English	2	6
International	Chemistry	2	2.3
International	Physics	2	3.18
International	Zoology	1	0.8
International	Political Science	1	6.94
International	Telugu	1	0

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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Zoology	1
Economics	2
Chemistry	1

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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Bio active compound - --Clinical aspect	Dr K.R.S hanmugam	Pharmacognosy magazine Vol-15 Issue -62	2019	0	TRR Govt. Degree College Kandukur	Nil
Volumetric, ultrasonic, spectroscopic and molecular dynamics simulation studies of molecular interactions of binary mixtures of [Emim]	Dr. M Srinivasa Reddy	Journal of Chemical Engineering Data Vol 65 Issue 7	2020	0	TRR Govt. Degree College Kandukur	1

[NTf2] with 2-propoxyethanol at temperatures from 298.15 to 318.15 K						
An experimental investigation of molecular interactions between ionic liquid 2-alkoxyethanols and theoretical comparison by PFP theory	Dr. M Srinivasa Reddy	The journal of chemical thermodynamics Vol 38	2019	0	TRR Govt. Degree College Kandukur	2
Thermo physical, optical and spectroscopic perspectives of molecular interactions in binary mixtures of ethyl lactate and Dimethyl adipate at T 303.15 K -318.15 K	Dr. M Srinivasa Reddy Dr. M Srinivasa Reddy	Physics and Chemistry of Liquids Vol 57 Issue 6	2019	0	TRR Govt. Degree College Kandukur	Nil
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
NIL	NIL	NIL	2019	Nil	Nil	NIL
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Semi	2	11	Nil	Nil

nars/Workshops				
Presented papers	Nil	2	Nil	Nil
Resource persons	Nil	1	Nil	Nil
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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!			
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NIL	NIL	NIL	Nil
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!				
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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Faculty Exchange	Dr.J.Usha Rani, Lecturer in Hindi	NIL	03
Faculty Exchange	Dr.K.R. Shanmugam, Lecturer in Zoology	NIL	03
Student Exchange	ISRO- Rocket LaunchProgramme -through Digital class	NIL	02
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry	Duration From	Duration To	Participant
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		/research lab with contact details			
Internship	Taxation	AUDITOR	02/09/2019	16/09/2019	10
Internship	Training on GLP (Good Laboratory practices) and SOP (Standard Operating Procedures) in aqua industry	Devi Sea Foods	20/11/2019	04/12/2019	22
Internship	Zoology: Training in Marine Food processing	Devi Sea Foods	25/01/2020	07/02/2020	17
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
M/S Devi Sea Foods (Zoology)	02/07/2019	Promote Cooperation in the field of aquaculture education	22
M/S Munnangi Sea Foods (Zoology)	26/06/2019	Promote Cooperation in the field of aquaculture education and Training	23
M/S Devi Sea Foods (Chemistry)	02/07/2019	Promote Cooperation in the field of aquaculture education	43
M/S Munnangi Sea Foods (Chemistry)	26/06/2019	To Promote Cooperation in learning the procedures and operations in aquaculture Food Processing.	42
M/S Encure Pharmaceuticals	02/01/2019	Advice in the manufacture of pharmaceuticals products	43
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CRITERION 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
87755	75773

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Newly Added
Class rooms	Existing
Campus Area	Existing
Seminar halls with ICT facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
SOUL	Partially	2.0	2019

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	17982	1590900	333	39980	18315	1630880
Reference Books	6266	601536	16	3520	6282	605056
e-Books	164300	Nil	Nil	Nil	164300	Nil
Journals	600	Nil	Nil	Nil	600	Nil
CD & Video	64	Nil	Nil	Nil	64	Nil
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
K.Malakondaiah	Western Political Thought	MANA TV	29/08/2019
Dr Ch.Sankar Rao	MACRO ECONOMICS	MANA TV	06/08/2019

Classical Theory of
Employment

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Co mputers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departme nts	Available Bandwid th (MBPS/ GBPS)	Others
Existin g	60	2	60	2	2	1	12	100	0
Added	55	0	55	0	0	0	1	0	0
Total	115	2	115	2	2	1	13	100	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

20 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Classical Theory of Employment Part-I	https://ccelms.ap.gov.in/rusa/user/gmodulecomponents/1081/132
Classical Theory of Employment Part-II	https://ccelms.ap.gov.in/rusa/user/gmodulecomponents/1082/132
Western Political Thought	https://youtu.be/vyMnrztcUoE
John Locke English Medium	https://drive.google.com/file/d/1quRlx0wlf4izqeivTUrchdlZAjZ8jfwP/view?usp=sharing
ROUSSEAU Part I Telugu Medium	https://drive.google.com/file/d/140eOHiVCfeiuIc_gaU18jv53Q4pYhu8U/view?usp=sharing
ROUSSEAU Part II Telugu Medium	https://drive.google.com/file/d/1zNz4_1T4_A7K8369175H11Iqu9pLgDZO/view?usp=sharing
ROUSSEAU Part I English Medium	https://drive.google.com/file/d/16IlmRHgIZfpcOvr5PLiDh7EgHOKr3ZGc/view?usp=sharing
ROUSSEAU Part II English Medium	https://drive.google.com/file/d/1Cu-qgsUx_VHdfjculIcaDOXyEUmzaLDj/view?usp=sharing
John Locke Telugu Medium	https://drive.google.com/file/d/1onjAqQmXAavUTR2o2Fy193x3Ngt4pnC5/view?usp=sharing

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
2920000	2920000	992000	992000

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

A committee is constituted in the college under the Chairmanship of Principal to take care of the maintenance of the Physical Facilities and Infrastructure. To meet the Annual Laboratory expenditures, the Institution receives funds from UGC, RUSA and State Budget. College has renovated the Chemistry lab and is planning to do the same with the laboratories of Botany, Physics and Zoology. Building committee also monitors the renovation works which are being carried in this institution. RUSA funds are being utilized for the completion of the Girls Hostel building and other works. Three Digital classrooms, two Virtual class rooms and Solar Energy Plant have also been established with the help of RUSA funds. All these works are carried through Andhra Pradesh Educational Welfare and Infrastructural Corporation (APEWIDC) as per the orders of Commissionerate of Collegiate Education, Amaravathi and Andhra Pradesh. The useful items such as Equipment, Instruments and Chemicals for the laboratories are purchased each year depending on the available funds. To purchase these items, the College has a purchase committee under the chairmanship of the Principal. The committee procures indents from the individual Departments and purchases are done through least quotation on comparing all the quotations obtained from different sellers/scientific companies. Similar procedure is followed to procure the Sports equipment through Physical Education department. To buy the books for the Library, the College Library has Library Advisory Committee, it collects desired books list from the individual departments and consolidated lists are sent to different book Publishers/shops for the Quotations. After receiving Quotations, the highest discount quoted book Publisher/shop will be sorted out and the books will be acquired from that seller. After sanctioning of the state budget, the Academic support articles will be purchased and the OOE committee will monitor these purchases. The college provides accommodation for the equipment like Electricity Generators, RO plant, Inverters, Computers and other Scientific Instruments. The laboratories have supporting staff who keep their vigilance on the maintenance of Scientific Instruments. Maintenance is done from time to time to facilitate regular functioning of the equipment. The supporting Staff regularly cleans the class rooms and laboratories. Every year in all departments' annual stock verification is done with respective Annual Stock Verification Committees constituted by the Principal. The finalized reports are sent to the Commissionerate of collegiate education, Government of Andhra Pradesh every year. Plantation is done every year by NSS volunteers and greenery in the campus is also maintained through NSS volunteers. A Botanical Garden is maintained by the Department of Botany. The Play grounds, Gymnasium etc., are under the supervision of the Physical Director. Students are allowed to participate in Sports activities at University level and Inter University level under the supervision of Physical Director. Games material and Mini Gym is available.

CRITERION V – STUDENT SUPPORT AND PROGRESSION**5.1 – Student Support**

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Social welfare Schemes	335	1734186
Financial Support from Other Sources			
a) National	NIL	Nil	0
b) International	NIL	Nil	0
No file uploaded.			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Tally With GST course	02/12/2019	30	JKC APSSDC
SOFT SKILLS	10/07/2019	123	JKC
TAXATION SKILLS	02/01/2020	10	Dept of Commerce
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	JKC	Nil	74	Nil	74
2019	career guidance	50	50	Nil	Nil
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
3	3	5

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
1. Hetero Drugs, 2.	350	74	NIL	Nil	Nil

Amara Raja Batteries, 3. Fox Conn, 4. HDFC, 5. Tele Performance, 6. Kallam Textiles, 7. Bharathi Axa, 8. CMS,, 9. G4S, 10. Caxton

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	24	B.Sc BCom B.A.	B.Z.C M P C Commerce B A (HEP HET)	University Of Hyderabad, Central University Of Tamilnadu, Acharya Nagarjuna Un iversity,Gun tur, Andhra University, Visakhapatna m Sri Venkateswara university, Tirupati	P.G (M. Sc, M.Com, M A)

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
Any Other	4

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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
HANDBALL (MEN and WOMEN)	University Level	350
QUIZ	District Level	35

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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international

level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The Student Council plays a vital role in the Educational Institution as it looks after the grievances of the students and instils the qualities of leadership, management skills, Confidence, and responsibility among the students. The College has an organized and active Student Council with the Head of the Institution as chairman and senior faculty members to guide the students. They understand the Democratic procedures and develop the skills of Leadership. The Student Council members are involved in all college activities. The Head of the Institution calls the Students Council in the beginning of the year to involve the students in preparing the Annual Calendar and Academic Programmes for the smooth conduct of activities throughout the year and direct them to constitute the Student representatives from Science and Arts groups to actively get involved in the planning and execution of all activities held in the Institution. The Student Council particularly focuses on the grievances of the students and maintains harmony and discipline among students. The Council ensures zero ragging incidents in the Institute and also creates awareness among students against all forms of ragging activities. The committee co-ordinates various cultural activities and events in connection with various activities in the college. It plays a major role in maintaining the discipline, sports activities, Health and Hygiene, community participation and training and placement. It organizes annual sports events and supports the students who wish to participate in various sports in intercollegiate, inter University, State and National level. Student Council helps to the NSS, RRC and Eco club to conduct awareness programmes regarding Open defecation free programme, Swatch Bharth, Campus cleaning, Vanam Manam, AIDS awareness, Blood donation, UV rays effect on Ozone layer, Global Warming and Rain water harvesting etc. It also plays an active role in training and placement of students. The committee creates awareness among the students on various extension programmes that form a crucial part of the academic activities. Students organize Fresher's day, Teachers day, and Farewell party every year and organize domain specific events, extra-curricular events, competitions and conferences honing their subject expertise skills in addition to their leadership skills. Committees are platforms that offer a plethora of opportunities to students to give them a voice of their own and shed their inhibitions through an enriching and engaging experience.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The College has an Alumni association named Alumni of TRR GDC. The Alumni meeting will be conducted once in a year. They share their experiences in the college and give suggestions to the students with the worldly knowledge gained by them. This provides an opportunity for the alumni to meet their friends and act as a bridge for the faculty to share their experiences, knowledge and insights. The Alumni plays an active part in the overall development of the college. The Alumni of the college has taken up the responsibility of the improving the infrastructure in the college. With the guidance and cooperation

of Local MLA, Sri. M. Mahidhar Reddy garu, the college has got financial support from some big companies for the development of infrastructure through NAAC Sadhana Samithi. The construction of aquatic pond for Azolla culture, Vermicompost unit, Hydroponics unit and other developmental activities have been initiated. The Alumni of the college contributes regularly for the overall development of the students. They have deposited certain amounts in the banks and the interest of these amounts will be given to Two to Three best students in each subject. Three Gold Medals are given to toppers in Each group. The fascinating aspect in the contribution of our alumni is that Sri.K.Ramaiah garu, chairman of the association gives Rs.500/- to each and every student who shows improvement of 5 in marks than the preceding year. He also gives Rs 500 to all the students who represent the University Teams in games and sports. The Alumni supports the students in a big way.

5.4.2 – No. of enrolled Alumni:

13

5.4.3 – Alumni contribution during the year (in Rupees) :

8235657

5.4.4 – Meetings/activities organized by Alumni Association :

Two meetings

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The college has a well-established decentralised system and participative management at various levels for smooth running of the college. The College has 38 committees which constitute both the Faculty and Students to monitor various activities. Among these Discipline Committee is a very distinctive one, and monitors the behaviour of the students. It creates awareness among the students about the code of conduct of the college and ensures that they follow it scrupulously. The committee pays special attention towards the Girl students for their safety and see that they have a congenial learning atmosphere. The Committee also resolves the disputes among the students and see that a friendly and cooperative environment is maintained. The Internal examination committee is a very important decentralised committee which consists of both the Faculty and students. It conducts internal exams regularly and motivates the students for their better preparation and performance. It maintains the internal marks records of all the students and identifies the slow learners and guides them with the help of ward counsellors to improve their performance in future

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	College follows unique strategy regarding the student admission especially in the time of unhealthy competition from the private colleges in the area. College admission strategy

involves propagating the best performances / achievements of students and teachers and closely working with stakeholders i.e. Junior colleges, Alumni and parents committees. College's 'Admission committee' plays an important role in the admission of students. It conducts awareness programs in Junior colleges in the region and regular door to door campaign in the region. It uses media publicity and pamphlet distribution to reach more number of students. As a result, the admission of students in the college has been increasing year by year.

Industry Interaction / Collaboration

The college encourages the concerned departments to have interactions and collaborations with the industries in the region. The students of Zoology Department visited Devi Sea food industry in Singarayakonda. The Department of Economics visited the Tobacco processing units and Power loom units in nearby villages. College has a skill development centre in collaboration with APSSDC which trains the student for the market jobs. College has collaborations with the industries in the region i.e. Seafood industry

Human Resource Management

The college adopts the best possible strategies to maximum utilization of the human resources such as teaching, non-teaching staff and students. College encourages the use of ICT by all the stakeholders. Teaching staff are encouraged to adopt best modern teaching practices and participate and conduct of various research activities. Non-teaching staff are encouraged to update their e-office knowledge. Staff club plays an important role in bringing coordination between college administration and staff. Apart from academics, students are encouraged to engage in Co-Curricular activities like NCC NSS, Eco-club etc.

Library, ICT and Physical Infrastructure / Instrumentation

The college believes that Library and ICT play a key role in teaching and learning. It has a big library with a repository of more than 35000 books and subscribes to several magazines, newspapers and NLIST resources. The strategies by library for quality improvement are Orientation programs and rewarding Schemes for best

utilization of the library resources, What'sapp group for communication like arrivals of new books, magazines, online resources etc, installation of Suggestions and Complaint box and initiation of automation. The college encourages the teachers and students to best utilize the ICT and physical infrastructure in the college

Research and Development

College believes that conducive research and development (RD) environment is important for knowledge enhancement and effective teaching that are useful for both students and teachers. Hence, college encourages the faculty to take-up RD activities like writing research papers, participation in conferences, seminars, symposiums, workshops. College also encourages the non-PhD holding teachers to do PhD. IQAC and 'Faculty Club' plays an important role by conducting internal programs on various modern research methodologies and techniques for teachers. Most importantly, students are motivated towards research in their future studies.

Examination and Evaluation

College follows the University guidelines for examinations and evaluation. They are done at two levels - internal (25) conducted by college itself and external (75) conducted by the University. The college through the "Examination cell" coordinates with the university in conducting external examinations. College teachers participate in external evaluations. "Examination Cell" plays an important role in conducting internal examinations and evaluations. It prepares time table, question papers, monitors evaluation, maintains central marks register etc for the mid-term examination and the internal marks are given based on this exam. Evaluation of students performance is also done by class performance, participation, discipline etc.

Teaching and Learning

The college follows an innovative, participatory, ICT enabled and student centric teaching learning process. College ensures that Time tables and curriculum plans (monthly, weekly) are prepared for all the courses in the beginning of the academic year and these are strictly adhered to. The modern teaching methods such as blended

	<p>teaching and flipped classroom methods are adopted in the teaching process. For effective learning, the college organises student seminars, group discussions, field works, project works etc in each course. College also effectively uses ICT based teaching and learning methods through digital, virtual and MANA TV classrooms</p>
Curriculum Development	<p>? Curriculum Development College, being an affiliated one, follows the curriculum developed by the Acharya Nagarjuna University, Guntur for all the courses in the college. Few of our college teachers participate in the curriculum development by the university in the capacity of BOS members. However, the college faculty develops the curriculum for the certificate courses offered by the college itself. The college follows innovative and student friendly strategies in effective delivery of the course curriculum in each course.</p>

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	<p>Planning and Development College makes use of e-governance in planning and development. Scholarships for the students are given based on this app. The college has Whats app group for the teachers and students (group wise) which are used for the communication.</p>
Administration	<p>The college follows the IAMS app maintained by the CCE, AP for the Biometric attendance and leave application for the teachers. The students' attendance is also taken at college level through biometric machine and in the classrooms through this IAMS app.</p>
Finance and Accounts	<p>College follows official CFMS Portal to pay the salaries of the Staff and other Expenditure bills. The college is going to enter into another modern system HCM for this purpose and also for digitization of Service Registers (e-SR) of staff</p>
Student Admission and Support	<p>College follows online system for the student admission, attendance, accessing e-resources through N-list, issuing scholarships etc. Students are encouraged to follow emails and course wise whatsapp groups for accessing the uploaded material.</p>

Examination	College encourages the teachers and students to use the online systems Google classroom, Google forms, Kahoot, Flicker etc for the Internal examinations. For external exams the schedule of the University is followed and the exams are conducted semester wise with external observers and jumbling of students
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6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	NIL	NIL	NIL	Nill
No file uploaded.				

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	LMS training by resource Persons who were trained as Master trainers.	NIL	12/02/2020	12/02/2020	27	Nill
2019	NIL	CFMS training	05/12/2019	05/12/2019	Nill	6
2020	NIL	e-SR Training	06/03/2020	06/03/2020	19	6
2019	NIL	e-Office Management	22/08/2019	22/08/2019	1	3
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nil	Nil	Nil	Nil

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Employees Health Scheme, Advances, Loans and Part -Final with drawls from CPS, APGLI, GPF	EHS, Advances, Loans and Part Final With drawls from APGLI, GPF.	1. Providing Uniforms to poor Students, 2. R.O Plant for Drinking water, 3. Paying Fee to the poor students, 4. Distribution of books to the students who are in need.

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The Funds of UGC, RUSA, NSS are audited by the Local auditors under External auditing. The Other Expenditure particulars and Registers are Audited Externally by the persons deputed by the RJD Office periodically. The College Income Tax Committee audits the Quarterly Returns submitted by the Employees of the college. The UC's pertaining to the RUSA works are submitted periodically to the concerned authorities

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NA	0	NA
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6.4.3 – Total corpus fund generated

00

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Academic Audit Team nominated by CCE, A.P	Yes	IQAC
Administrative	Yes	RJDCE, Govt. of A.P	Yes	Principal

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1. The parents interacted with the alumni and the philanthropist's and provided financial aid to the college. 2. They cooperate with the college in conducting outreach programmes during NSS Camps. 3. They also help in improving the admissions of the college.

6.5.3 – Development programmes for support staff (at least three)

- Training of the non-teaching staff on the CFMS module
- Training on the usage of e-Office management.
- Training on e -SR Uploading

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. The construction of Cycle stand and Canteen on the campus have been initiated. 2. Effective competitive exam training has been initiated in the college. 3. Class room maintenance has been improved as per the suggestions of the peer committee.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!					
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Awareness program on Gender Equity	06/07/2019	06/07/2019	40	45
Meeting was conducted to encourage the participation of students in Games & Sports	12/07/2019	12/07/2019	40	90
Awareness Program on Equal Opportunities in NCC	12/08/2019	12/08/2019	70	120
Career Guidance Career Guidance	10/09/2019	10/09/2019	78	131
Awareness Program on Women Protection by	04/12/2019	04/12/2019	91	107

SHE team				
Awareness Program on DISHA Act - Gender Equality	13/02/2020	13/02/2020	90	192

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
75

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Scribes for examination	Yes	2

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	03/09/2019	01	1. Created awareness among the Girl students in the nearby schools on Health and Hygiene in collaboration with ICDS	Hormonal Imbalance and issues of Mal nutrition	92
2020	1	1	20/02/2020	02	2. Discussed and trained the local farmers on the usage and efficacy of Vermicompost	On the improvement of Soil Fertility through Earthworms.	32

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of Conduct	10/06/2019	Hand books are issued

to various stake holders at the time of joining/admission. This Hand Book contain the details of Code of conduct to be followed by various stake holders of the college. It includes the dress code, behavioural aspects, discipline to be followed, etc. It also gives details of the Courses and other facilities available in the college.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
National Youth Day	12/01/2020	12/01/2020	82
World Environment day	05/06/2019	05/06/2019	45
Constitution Day (Mock parliament was organised)	26/11/2019	26/11/2019	280
Role Play on water Conservation	09/11/2019	09/11/2019	79
World AIDS Day Program	01/12/2019	01/12/2019	150
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Plantation program
Encouraging Hydroponics in all Departmental Labs
Regular Campus Cleaning (Swachh Bharat Program)
Rain Water Harvesting Pits
Initiation to develop the Botanical Garden in the Campus.
No Plastic Usage program

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

BEST PRACTICE-1 1. Title of the Practice: The Hydroponics – Soil less culture of plants 2. The context that required the initiation of the practice In the present day context of environmental pollution the quality of leafy vegetables and vegetables is deteriorating. The production of these plants is linked with the heavy usage of chemical fertilizers and pesticides. The usage of these chemicals is very harmful to the soil as well as the produce. So to weed out the unwanted chemicals, hydroponics is the best solution. Through hydroponics we can minimize the fertilizer consumption without the usage of pesticides. The mineral nutrition of each plant varies so we give only those nutrients that are required for the metabolism of the plant. There is no excess wastage of

nutrients. It is also a novel method of growing plants where the students can understand better and assimilate the knowledge regarding the pH and mineral requirement of plant. In some crops it is known that the produce is high by adopting this method when compared to the traditional cultivation in the soil.

3. Objectives of the practice The Primary objective is to make the student understand the alternative method of growing plants in their home itself with minimum cost and minimum nutrients and, ? To acquaint students with novel method of cultivation without soil. ? To cultivate the leafy vegetables in Environmental friendly manner ? To produce the Quality products with no traces of heavy metals. ? To produce the leafy vegetables with minimum usage of water. ? To produce the leafy vegetables and wheat grass by using Deep water culture and NFT (Nutrient film technology) ? To Produce vegetables like Tomato and Capsicum through Dutch bucket model. 4. The Practice In our college we planned to develop three different types of Hydroponics units namely, Deep Water Culture, Nutrient Film Technology (NFT) and Dutch bucket model. The first two units are used to grow the shallow rooted plants like leafy vegetables (Coriander, Methi, Lettuce and Amaranthus etc.) where as the third unit is used to grow the deep rooted plants like tomato, Brinjal and Capsicum etc. Interesting point to note is that the all the hydroponic units are designed and prepared by our Botany faculty and the students with the help of the labour.

Intense search is done and knowledge is gathered by the Botany faculty to design the hydroponic units which costs almost one fourth of the commercial hydroponic units sold by the hydroponic giants like Brio hydroponics, Ahmedabad, Gujarat and Urban Kisan Hydroponics, Hyderabad, Telangana state. The NFT unit, which we developed with a capacity of 72 plants, costs Rs.18,000/- only as compared to Rs.60,000/- as quoted by the above mentioned Hydroponic unit sellers. The total cost of all the three units with a carrying capacity of 293 plants, costs Rs.30,000/- as against Rs.1,15,000/- as quoted by the commercial hydroponic unit sellers. The entire funding for the hydroponic units is met the funds from "NAAC Sadhana Samithi", the committee constituted by our local M.L.A. Sri.M.Maheedhar Reddy for the development of college infrastructure. In preparing NFT (Nutrient film Technology) unit, normal PVC pipes are used instead of food grade plastic pipes like uPVC and CPVC. This step has reduced the cost of the NFT unit to the maximum level. As we started the Hydroponics on a trial basis, the primary goal is to master the art of Hydroponic culture. Once it is achieved new hydroponic food grade plastic NFT models can be developed. Two "A" type wooden stands are prepared and eight PVC pipes are fitted on these stands. All the pipes are interconnected and reservoir with Motor is fitted to circulate the nutrient solution. Through this NFT hydroponic unit, we raised the leafy vegetable like Amaranthus on the trial basis and we achieved in producing the plant. Now our future plan is to develop the other leafy vegetables like Spinach(native) and Lettuce (exotic variety) in our Hydroponics lab. In preparing the Deep Water Culture units we procured the plastic tubs (10 No.s) with a capacity of 10 litres. Railway decolum is used to cover the plastic tubs. On the Railway decolum sheet holes are made as per the size of the net pots. Through Deep water culture we raised Methi Plants. In future we are planning to develop the Coriander and Wheat grass plants through this unit. This is the Cheapest and low cost hydroponic unit out of all the three hydroponic units. In preparing the Dutch Bucket Model of Hydroponic unit we procured 10 Plastic buckets used to pack the curd with the capacity of 10 litres. Clay balls, cocopeat and gravel are used in place of the soil. All the buckets are interconnected and reservoir with Motor is fitted to circulate the nutrient solution. Through this model we raised tomatoes to certain extent. We are still on a trial basis and the art of growing plants in Dutch bucket will be mastered soon. In future we are planning to grow the capsicum plants through this model of Hydroponics. At present we are distributing the leafy vegetables free of cost among the members of staff. The Hydroponic culture is halted for few months due to extreme covid conditions. Later it is restarted again and

testing of different plants, which we have already planned, is under the process. 5. Obstacles faced if any and strategies adopted to overcome them The list of obstacles we faced during the development of hydroponic units and cultivation of plants through hydroponics are as follows ? Some leakages are traced out in the NFT model and they are rectified by fixing the Araldite adhesive. ? Water clogging is the main problem observed in the Dutch Bucket model. As we are using cocopeat, clay balls and gravel in equal composition, it led to water clogging in some dutch buckets. We are planning to use perlite (though it is expensive), to avoid water clogging and to provide neutral Ph maintenance for the growth of plants. ? Cutting the railway decolum piece and drilling the holes equal to netpot size is a huge herculean task. Even with the machine, with most difficulty we could do that. Each Railway decolum lid that closes the tub has 21 holes fitted with net pots. ? The main problem we faced during hydroponic culture is maintaining proper EC (electrical conductivity) and Ph maintenance. As each plant requires separate set of conditions like EC and Ph, though initially we failed, through practice and acquiring knowledge from experts we could overcome the problem. 6. Impact of the practice In our country Agriculture is intricately woven to the human life. More than 50 percent of the population directly or indirectly is involved in the agriculture related activities. Losses occurred in our traditional agriculture summed up with loss of fertility of Indian soils can be overcome through Hydroponics. Excessive application of fertilizers and pesticides is the reason for the loss of fertility of the soils. In Hydroponics plants are grown in water without soil by supplying the required nutrients externally. Though the cost of commercial hydroponic units is high, it can be recovered very soon in future through bumper production. The production of exotic plants and some native leafy vegetables through hydroponics is high when compared to traditional production. Through Hydroponic practice we could instill the confidence in our students. The Students of our college can now use the disposed plastic bottles, buckets and tubs to grow leafy vegetables in their home itself. With limited resources they can start the hydroponic culture of plants. Through this culture students better understood the metabolism of the plants in general and mineral nutrition of plants in particular. Now everyone wish to acquire pesticide free vegetables. It is possible through this novel technique called Hydroponics. In long run if the knowledge of this technique is dissipated through the length and breadth of the country then the citizens are self sufficient to grow their own leafy vegetables in their limited space by using disposed plastic bottles, buckets and tubs. This will certainly pave a path for environment friendly culturing of plants by reducing the pressure on soil. 7. Resources required The resources required for preparing 3 hydroponics units are as follows 1. NFT Unit 1) PVC pipes 20 ft - 4, 10 inch 2) Reservoir drum-50 litres 3) 20 watts motor 4) T shape pipes for joints - 20 Nos 5) Araldite adhesive 6) Net Pots of 2.5 inch- 72 Nos 7) A type wooden stand - 2 Nos 8) Couplings Plastic - 32 Nos 9) Clay balls 10) Wire and Plug 11) Nutrient solution 2.Deep Water culture Unit 1) Plastic tubs with 10 litre capacity- 10 Nos 2) Railway decolum pieces 3) Net pots-210 Nos 3. Dutch Bucket Model unit 1) Plastic Buckets used to pack the curd - 10 Nos, each 10 litre capacity 2) 1 inch pipe 30 ft 3) Plastic Tube 0.5 inch 15 ft 4) Araldite adhesive 5) Clay balls - 20 kg 6) Coco peat

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://www.gdckandukur.ac.in/page.php?type=best-practices&id=best-practices>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

T.R.R. Govt. Degree College is located in the backward region of Prakasam Dist.

It caters to the Educational needs of the marginalized sections and the poor students in the Society. Most of the students are first generation learners and that too, 60 of the students are children of migrant labour. The college keeps in view the special needs of these students and plans to address them. We combine learning with a curiosity to study the society and provide practical inputs to our students so as to realize the transformative power of education. The Staff of the College, who are research oriented, encourage the students to actively participate in various co-curricular activities in the college and so also in the open arena. This helps the students imbibe scientific temper, progressive outlook, gender equality and above all patriotic fervour. The Staff with their thirst for knowledge have published 11 papers during 2019-20 (Overall 75 during the assessment period) in National and International journals. We have conducted Certificate courses and Skill development programmes, like Tally, Hardware Networking to update the students and keep them abreast with the recent trends. The college offers a varied, diverse and energetic platform to these students by instilling confidence among them by emphasizing on the Academic development and also in imparting skills that help them to face the challenges posed by the competitive world. But the distinctive aspect of our college is an Eco Friendly environment. The College has a strong bond with the immediate community and it is reflected in the acts of philanthropy. The Alumni formed a 'NAAC SADHANA SAMITHI' through which they gathered material and have constructed an Azolla Pond, Kitchen Garden, Vermicompost and Hydroponic units. We have also started Organic farming on the campus. The aim of college education is to train the mind, to think and enable an environment to evolve into organic individuals. With this motive the college has conducted several programmes to take our students nearer to the society, inculcate the spirit of mutual work and have a first-hand experience of the real problems of the people. The college, to get nearer to the community, has started organic farming on the campus, though on a smaller scale. The students of our college with the guidance of Old students and supervision of Dept of Botany took up the task of Organic farming. We have been cultivating some leafy vegetables, Bitter gourd, Lady's Finger through organic Farming. Azolla culture and Solid waste management unit (Vermi Compost Unit) have been setup and the farmers of the nearby villages were imparted training in these areas. This is a first and novel step towards community service and development of an Eco-friendly campus. Hydroponics is an innovative mechanism through which plants are raised in water without the use of soil. In our college we developed three different Hydroponic units like nutrient Film Technology (NFT), Dutch Bucket Model and Deep Water Culture Units. Through NFT shallow rooted plants like Spinach and Amaranthes are being grown. Through

Provide the weblink of the institution

<https://www.gdckandukur.ac.in/page.php?type=best-practices&id=best-practices>

8.Future Plans of Actions for Next Academic Year

- Training farmers from more villages in culturing and proper utilization of Azolla through NSS and Eco club
- Training citizens of Kandukur Mandal in proper solid waste management in association with Kandukur Municipality.
- Planning to introduce Free Mid-Day meal Scheme to the Students attending college from remote villages.
- Planning to introduce Market oriented courses in Data Science and Aquaculture.
- Introduction of need based Market oriented course with Botany as core subject.
- Establishment of Mushroom culture lab
- Going to start P.G courses in M.Sc (Organic Chemistry), M.Sc (Computer Science) and M.A. (Telugu).
- Generation of Income by the Sale of pesticide-free vegetables through hydroponics among the staff members
- Increasing plant diversity in the college premises
- Planning to improve the student to computer ratio
- Library Automation with Soul software 2.0
- Maintenance of campus discipline among the students by installing CC cameras on the campus.
- Strengthening co-operative stores in the college with

the help of commerce department • Conducting National level seminars in Life Sciences, Economics, Political Science departments