



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		RAGHU ENGINEERING COLLEGE
Name of the head of the Institution		Prof. R. Kameswara Rao
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		08922248001
Mobile no.		9949095892
Registered Email		principal@raghuenggcollege.com
Alternate Email		pjamaleswarakumar@gmail.com
Address		Raghu Engineering College, Dakamarri, Bheemunipatnam Mandal
City/Town		Visakhapatnam
State/UT		Andhra Pradesh
Pincode		531162

2. Institutional Status	
Autonomous Status (Provide date of Conformant of Autonomous Status)	22-Aug-2017
Type of Institution	Co-education
Location	Rural
Financial Status	Self financed
Name of the IQAC co-ordinator/Director	Dr. Palakollu Jamaleswara Kumar
Phone no/Alternate Phone no.	9866283104
Mobile no.	9949095892
Registered Email	jamaleswar.palakollu@raghuenggcollege.in
Alternate Email	pjamaleswarakumar@gmail.com

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	http://www.raghuenggcollege.com/iqac.html
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.raghuenggcollege.com/academiccalendar.html

5. Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	A	3.06	2016	11-Jul-2016	31-Dec-2022

6. Date of Establishment of IQAC	01-Sep-2016
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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		
World Quality day	17-Feb-2020 01	80
Two-Day Online Skill development program on	08-May-2020 02	101
Two Day Online FDP on Novel Materials Engineering	04-Jun-2020 02	120
A webinar on Defect identification using machine vision	19-Jun-2020 01	85
An International Webinar on CNC opportunities and Challenges	28-Jun-2020 01	135
Three FDP on Introduction to Smart Grid and its key	01-Jun-2020 05	90
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8. Provide the list of Special Status conferred 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
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

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10. Number of IQAC meetings held during the year :

4

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)

The Internal Quality Assurance Cell (IQAC) of the Raghu Engineering College plays a significant role in bringing about a quality work culture in the institution by

ensuring clarity and focus in the institutional functioning. • It has also ensured enhancement and coordination among various activities of the institution and has institutionalized good practices like conducting National workshops and internal world quality day events. • Internal Quality Assurance Cell ensures the quality of the teaching learning process and its outcome through internal and external audits conducted at regular intervals. • Internal Quality Assurance Cell has taken efforts to improve the quality of teaching by involving students and faculty for NPTEL lectures. • Monitor and ensure the quality of student's activities, departmental activities and staff members for periodic assessment for timely, efficient and progressive performance of academic task with placement process in the institute • Finally, IQAC strengthened Encouraging Research and consultancy Development, empowerment, Establishing advanced / research labs / centers.

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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
Review of Performance Based Appraisal System (PBAS) metrics E-content development facilities	To meet the current requirements of HEI To make available the e-Content useful to the students, particularly during the situations like COVID Lockdown.
Effective utilization of Alumni contributions (Research funding/Incubations/Startups/consultancy).	Improvement in R&D, Consultancy, Startups, etc with the support of enthusiastic old students of the Institute.
Special Facilities with Hostel accommodations for girls and boys	In the direction of providing residence to all students with adequate facilities.
Promotion and Encouragement of faculty to do new online courses like NPTEL courses	Large no of faculty and students are motivated succeeded with good performance. Many are secured Gold medals
Introduction of course coordinators for all courses and lab practical	course coordinators created for all courses and maintained all files

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
IQAC Body	24-Mar-2020

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	2019
Date of Submission	31-Dec-2019
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)	<p>Management Information System (MIS) is a system designed to systematically organize information related to the management of educational development. It is responsible for the promotion and use of information for policy planning and implementation, decision making, and monitoring and evaluation of an education system. The institution has a Management Information System using raghuerp.in portal. The following are some of the important modules:</p> <ul style="list-style-type: none"> • Staff attendance biometric • Staff daily activity report • Staff leave • Staff workload <p>Library details</p> <p>Staff attendance biometric: All the staff members are instructed to use biometric machines for attendance purpose. Staff use biometric during morning (while entering institution) and evening (while leaving the institution). Principal will check the data of staff members attended and the staff members on leaves everyday.</p> <p>Staff daily activity report: All the teaching staff are instructed to fill the daily activity report in the same day itself. This involves different works carried out by teaching staff i.e. no of classes taken, lab works, record correction, writing the journal paper, discussion with the students regarding the subject or project work, mentoring, counselling, invigilation duties, paper correction etc.</p> <p>Staff leave: All the staff are instructed avail the leaves only through Enterprise Resource Planning (ERP) portal. Leaves are sanctioned to the staff on after adjusting the workload/duties. This task is taken care by the concerned Head of the department. Final approval of the leave is done by the Principal. ERP displays the leave details like number of leaves available, number of</p>

leaves taken etc. There is also an option for cancelling the leave, if applied the day before and attended the institute. Staff workload: Work load of the faculty members for the current semester is available in ERP and all the faculty members are strictly instructed to take load as per time table mentioned in the ERP portal. The same is monitored by the concerned head of the department and sometimes the Principal. Library details: The faculty members and the students can see the number of books available on ERP. If any faculty member or student wants books from library, they can borrow the books through ERP, if available. The following options are available in library ERP module. 1. The number of books to be taken 2. Actual of books Borrowed taken 3. Due date. Even exam section also having information system for updating of their complete data.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BTech	01	Civil Engineering	17/06/2019
BTech	02	Electrical & Electronics Engineering	31/03/2019
BTech	03	Mechanical Engineering	17/06/2019
BTech	04	Electronics & Communication Engineering	27/03/2019
BTech	05	Computer Science & Engineering	28/03/2019
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	CE	19/11/2019	Skill Course Lab - I (17CE65X)	19/11/2019
BTech	CE, ECE	12/06/2019	English for Technical	12/06/2019

			Communications (17EG381)	
BTech	CE, ME, ECE	12/06/2019	Quantitative & Reasoning Ability (17HS581)	12/06/2019
BTech	CE	29/07/2019	English Language Communication Skills Lab (17EG111)	29/07/2019
BTech	CE, ME, ECE	19/11/2019	English for Employability Skills (17EG481)	19/11/2019
BTech	ME	12/06/2019	Intellectual Property Rights (17HS306)	12/06/2019
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	Technology Review & Seminar - II (All Specializations)	12/06/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Civil Engineering	12/06/2019
BTech	Electrical & Electronics Engineering	12/06/2019
BTech	Electronics and Communication Engineering	12/06/2019
BTech	Electronics and Communication Engineering	21/11/2019
BTech	Civil Engineering	21/11/2019
BTech	Electrical & Electronics Engineering	21/11/2019
BTech	Computer Science & Engineering	12/06/2019
BTech	Computer Science & Engineering	21/11/2019
BTech	Mechanical Engineering	12/06/2020
BTech	Mechanical Engineering	26/11/2020

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
PEGA- TALENT SPRINT	07/01/2020	125
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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
BTech	Internship (Civil engineering)	58
BTech	Automotive Four wheeler foundation (ME)	56
BTech	Coverage area problems and solutions by RF optimization (BSNL) (ECE)	4
BTech	Reducing Handover problems by using RF optimization (BSNL) (ECE)	4
BTech	Internet of Things (VERZEO) (ECE)	10
BTech	Tech Mahindra (ECE)	9
BTech	IoT with Android (Goal Street) (ECE)	2
BTech	Software Development (Akrivia Automation Pvt. Ltd.) (ECE)	6
BTech	Ethical Hacking Internship Training (Internshala Training)	1
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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
<p>1. Exit Feedback • The Exit Survey questionnaire is prepared by the Program Assessment Committee in consultations with the Department Advisory Committee. • The Exit Survey questionnaire is assessment of attainment of POs from the student's perspective. Its questionnaire is the listing of POs PSOs. • 3 Levels are used for all the 3 (Exit, Alumni, Employer) surveys. a) Substantial or Excellent for High with value of 3 b) Moderate or Good or Medium with value of 2 c) Slight or Poor or Low with value of 1 The student has to assess himself</p>

for each parameter either as 3 or 2 or 1. • The Exit Survey is taken from the Eighth semester students every year 2. Alumni Feedback: • The Alumni Survey questionnaire is prepared by the Program Assessment Committee in consultations with the Department Advisory committee. This Survey is taken during the Alumni Meet held every year. It is also taken whenever alumni visit college. • While calculating PO contribution by Alumni Survey, only alumni students of the most recent previous academic year is only considered. For 2016-20 batch PO calculation, 2013, 2014, 2015 Batches are considered. That is, to be considered as alumni, minimum 1 year must pass after their graduation. • This Survey is taken during the Alumni Meet held every year. It is also taken whenever alumni visit college. • While calculating PO contribution by Alumni Survey, only alumni students of the most recent previous academic year is only considered. For 2016-20 batch Calculation, 2013, 2014, 2015 Batches are considered. That is, to be considered as alumni, minimum 1 year must pass after their graduation. 3. Employer Feedback • The Employer Survey questionnaire is prepared by the Program Assessment Committee in consultations with the Department Advisory Committee and the Placement Cell Coordinator. • This Survey is taken during the Placement activities held every year. • While calculating PO contribution by Employer Survey, only employers of the most recent previous academic year passed out students are only considered. For 2016-20 batch PO calculation, 2013, 2014, 2015 Batches are considered.

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
BTech	Civil Engineering	64	31	31
BTech	Electrical & Electronics Engineering	193	68	68
BTech	Mechanical Engineering	321	183	183
BTech	Electronics & Communication Engineering	257	253	253
BTech	Computer Science & Engineering	193	185	185
Mtech	Computer Science and Engineering	18	5	5
Mtech	Embedded Systems	18	1	1
Mtech	CAD/CAM	18	10	10
Mtech	Power Electronics	18	Nil	Nil

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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	3176	37	205	12	12

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
217	217	31	39	5	5
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Type of mentoring: Professional guidance/career advancement/course work specific/laboratory specific/all-round development. Number of faculty members: All faculty in each Programme Number of students per mentor: 20 students from each batch Frequency of meeting: Scheduled Twice in every 3 months and also as and when required. In each program every faculty is assigned 20 students in an academic year. The students interact with the faculty advisor at least once in 45 days. This also facilitates the pre-registration guidance and enables students to take right courses and appropriate electives. The faculty encourages the students to discuss their ideas and problems in person. The faculty keeps track of the attendance and progress of the students assigned to him. All the details of the students are maintained by the faculty. The same information is reported to the HOD/Principal along with necessary measures taken. They also provide advice on career matters. This has created a healthy and congenial atmosphere on the campus. An effective Student mentoring system (SMS) has already been implemented in our college. • All the students of the college are coming under this system from the date of joining the college. • A complete track of the student activities like Academic, Curricular, Co-curricular Extra Curricular achievements, social activities and the details of Parent Meetings are registered in the system. • Mentoring Forms have been distributed to all the staff of the college. Each staff member is allocated with 20 students under the mentoring system. • Faculty members will have a meeting with the students periodically and their Academic progress and all his activities are discussed and noted in the register. • Any discrepancies in the student behavior like poor attendance, etc will be questioned and will be counseled with care. • Staff will be submitting the mentoring forms to the Mentoring /Counseling Committee with members like HOD, and Head of the institution. • The committees will scrutinize case by case and suggest corrective measures. • If necessary, the committee will have discussions with the Parents and Medical counselor.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3176	217	1:15

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
217	193	24	24	40

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	Designation	Name of the award, fellowship, received from
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	state level, national level, international level		Government or recognized bodies
2020	Dr. G. Dattatreya	Associate Professor	Young Scientist Award (International Research Awards on Science, Health Engineering)
2020	Dr. G. Dattatreya	Associate Professor	Best Researcher Award (DK International Research Foundation)
2020	Dr. G. Dattatreya	Associate Professor	Research Excellence Award (Institute of Scholars)
2019	Dr. M. Murali	Professor	Topper Elite NPTEL course
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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
BTech	01, 02, 03, 04, 05	II/III	19/11/2020	08/01/2021
BTech	01, 02, 03, 04, 05	II/II	18/11/2020	08/01/2021
BTech	01, 02, 03, 04, 05	I/III	07/11/2019	04/02/2020
BTech	01, 02, 03, 04, 05	I/II	07/11/2019	04/02/2020
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nil	3176	0

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.raghuenggcollege.com/dept/mech/education/peopos.html>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students	Number of students passed	Pass Percentage
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			appeared in the final year examination	in final year examination	
05	BTech	Computer Science & Engineering	180	47	26.11
04	BTech	Electronics & Communication Engineering	271	123	45.38
03	BTech	Mechanical Engineering	335	227	70.06
02	BTech	Electrical & Electronics Engineering	153	92	60.13
01	BTech	Civil Engineering	58	51	89.9
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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)

<http://raghuenggcollege.com/iqac-sss>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

Yes
Name of the teacher getting seed money
Dr. P.J. Kumar
View File

3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Nill	Nill	Nill	Nill
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3.2 – Resource Mobilization for Research

3.2.1 – 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
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Minor Projects	365	Akrivia Pvt.Ltd	3.2	3.2
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

No Data Entered/Not Applicable !!!				
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3.3 – Innovation Ecosystem

3.3.1 – 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
Two-Day FDP on Introduction to Machine Learning and Application to Electrical Engineering Concepts.	Electrical and Electronics Engineering	04/06/2020
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3.3.2 – 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
MHRD Innovation Cell	Dr. R.Vaikunta Rao	MHRD Cell	16/05/2020	Leadership Talk
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3.3.3 – 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
No Data Entered/Not Applicable !!!					
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Mechanical Engineering	1
Electronics and Communication Engineering	2
Electrical and Electronics Engineering	1
Basic Sciences and Humanities	2

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Civil Engineering	3	0.4
International	Mechanical Engineering	11	0
International	Electronics and	29	0.7

	Communication Engineering		
International	Computer Science and Engineering	25	0.5
International	Basic Sciences and Humanities	8	0.77
International	Electrical Electronics Engineering	6	1.2
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Electronics and Communication Engineering	15
Mechanical Engineering	3
Electrical and Electronics Engineering	3
No file uploaded.	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Peak to average power ratio reduction method for MIMO-OFDM system	Published	202041049074 A	13/11/2020
Reversible Data hiding image enhancement system with 2D histogram	Published	202041044846 A	30/10/2020
Software defined network system for the automation of network security	Published	202041047517 A	06/11/2020
A novel edge cloud enabled data deviance detection in IOT system	Published	202041047474 A	13/11/2020
DFM- Predict gender age country: Detect faces and predict their gender age and country using machine learning programming. (IMDB WIKI DATASET)	Published	202041055411 A	20/12/2020
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3.4.5 – 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
Study on the effects of Acidic polluted water on the strength of Concrete	Dr. M. Murali	Indian Journal of Environmental Protection	2019	Nil	Raghu Engineering College	Nil
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3.4.6 – 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
Performance analysis of ANN-based multilevel UPQC under faulty and overloading conditions	Dr. Sudheer Vinnakoti	International Journal of Ambient Energy	2019	1	3	Raghu Engg. College
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	23	16	54	Nil
Presented papers	38	4	Nil	Nil
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
AKRIVIA AUTOMATION PVT LIMITED	Extension of Design Development of Two Channel Temperature Controller Printed	Raghu Engineering College	450000

Circuit Board

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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
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No Data Entered/Not Applicable !!!

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3.6 – Extension Activities

3.6.1 – 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
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Engineers' Day

Civil Engineering

9

150

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3.6.2 – 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
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Giri- Pradhakshna Distribution of foods and leaning Campaigning (Swaatchth a -cleanliness Program)

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SSS - NGO

10

One Week In-House Internship Programme

Programmable Logic Controller

APSSC-SIEMENS PROJECT

30

2-DAY Industrial Training

Solar PV Designing Installation

Green Energy Solutions, Hyderabad

80

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3.6.3 – 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 activites	Number of students participated in such activites
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Swatchabharath

2(A) CTR NCC BOYS UNIT,VSP 2(A)Girls Bn VZM

Beach cleaning

6

80

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3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Chemistry Research Project (UGC-DAE CSR-KC/CRS/19/RC02)	Dr. Anindita Chatterjee and Mr. Gourav Mandal	UGC, DAE, CSR, Kolkata, INDIA	1096
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3.7.2 – 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 /research lab with contact details	Duration From	Duration To	Participant
Industry	Industry-Institute Interaction	BSNL, Velampeta, Visakhapatnam	06/01/2020	13/06/2020	4
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
BSNL, Velampeta, Visakhapatnam	06/01/2020	Internships/ Project works/ online certification programs/ Seminars/ Industrial visit	50
Robocoupler Pvt Ltd, Visakhapatnam	16/12/2020	Internships/ Project works/ Workshops/ Seminars	50
Flamboyant solutions, Visakhapatnam	05/02/2020	Industry-Institute Interaction	60
University Kebangsaan, Malaysia	03/03/2020	Collaboration and Knowledge Sharing	60
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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
565	555

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added

Existing	703	18	703	1	1	2	6	100	0
Added	0	0	0	0	0	0	0	0	0
Total	703	18	703	1	1	2	6	100	0

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

100 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
No Data Entered/Not Applicable !!!	

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
180	131.28	275	225.68

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)

Budget proposals with justification for each financial year are prepared well ahead of the commencement of the academic financial year. The heads of department shall consult their faculty in-charges and laboratory in-charges and prepare the budget keeping in view their academic requirements. The proposal is submitted to Principal. Principal calls for an interaction meeting with the HOD to seek clarifications if any. The proposal is then approved and the budget is sanctioned. Since the budget is prepared by the user departments keeping in view all their academic requirements, the adequacy of the budget allocated is justified. Raghu Engineering College is a well-established educational institution functioning over the last 18 years with academic excellence and financial discipline. Since the budget allocation is done based on the actual requirements of the departments, the utilization is around 95. A small variation may be due to the price variation at the time of budget allotment and at actual procurement/utilization. Even though there is a delay on receiving the funds from the Government of Andhra Pradesh for the last two years we are still ensuring that no academic interests are affected.

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	Nil	Nil	Nil
Financial Support from Other Sources			
a) National	pm kisan scholarship scheme	3	9000

	,kshatriya		
b)International	APTA - American Progressive Telugu Association	1	18000
View File			

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 implemetation	Number of students enrolled	Agencies involved
Yoga Day	21/06/2019	100	Raghu Engineering College
View File			

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
2020	GATE-2020	1	15	2	15
View File					

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
5	5	7

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
33	411	310	Nil	Nil	Nil
View File					

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2020	4	B.Tech	Mechanical Engineering	GITAM University, Avanthi Insitute of Engineering & Technology	M.Tech (CAD/CAM)

2020	2	B.Tech	Mechanical Engineering	ANITS, Visakhapatnam	M.TECH (MD)
2020	3	B.Tech	Mechanical Engineering	Bapatla Engineering College, Gudlavalleru Engineering College	M.Tech (ME)
2020	2	B.Tech	Mechanical Engineering	JNTU, Ananthapur	M.Tech (IC Engines)
2020	1	B.Tech	Mechanical Engineering	JNTU, Kakinada	M.Tech (MST)
2020	1	B.Tech	Civil Engineering	NICMAR	Post Graduate Programme in Project Engineering and Management
View File					

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
GATE	1
Any Other	8
No file uploaded.	

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

Activity	Level	Number of Participants
Games / Sports	Institute Level	450
View File		

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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2020	Winners of JNTUK inter college cricket tournament	National	1	Nil	16981A0109	E. Venkat Sai
View File						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

- Student council is constituted as per the University norms every year, through a properly set procedure.
- A committee consisting of the Director,

Principal, Vice-Principal, Deans, Heads and previous student council member, duly form a new council of students. • Dean of Student affairs is looking after all the process of the student council Selection Procedure • The set criteria for the selection of council is followed based on their academics and managing abilities. • Students are the interviewed by the committee, to select the student council members. • The student council members for the academic year 2019-20 are as follows: • Student Council consists of General Secretary, Cultural Secretary, Technical Secretary, Sports Secretary, Ladies Representative Activities of Student Council The activities of the student council are diverse in nature comprising of the Sports, Cultural and Technical programs held during the year. • Wide variety of sports activities are supported, for participation at the Intercollege, university and state level competitions. • Representation of students on academic administrative bodies/committees of the institution. • Computer Society of India (CSI) CSI is a professional body for the computer and IT, is a largest body in the nation and is also linked with the IEEE Society. • The Institutional membership, since 2011 encourages various activities such as workshops, seminars, CSI conducted National and International Conferences and Industry Fair every year. Student Chapter with a large number of members conduct several programs like workshops, technical events and projects. • There are more than 100 student members, actively participating in the CSI activities. • DEPARTMENTAL FEST which is started in the year 2017-18 an has been conducting every year. It gave all the students and faculties a platform to showcase their talent. • it has also started with departmental News Bulletin of computer dept. which later explored into computer Departmental Magazine • Women's Development Cell WDC, it has a group of passionate feminist stalwarts, out with a gender lens. WDC has earned the reputation of being liberal space. WDC finds its true power in initiating conversations on pressing social issues, student's grievances, to disciplinary framework for students. • NSS unit of college is mainly involved into activities which will enhance students' social skills and make them perfect person to live in the society. NSS normally conducts different social activities like blood donation camp, Tree plantation camp and book donation camps.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

• For maintaining liaison with Alumni all over the world and to involve them with the development of the Institute. One faculty coordinator along with dept coordinators works for REC cell. The foremost responsibilities Of The Raghu engineering college: • Create the list of the alumni of respective department right from the first batch. • Plan, implement and promote alumni programs that support the REC strategic Plan • Ensure accurate and complete alumni database records including their contact, biographical and career information • Establish and build relationships with a wide range of alumni as well as local, regional, National and International alumni chapter • Educate graduating students about alumni benefits and engage them in programs • Partner with various offices of the Institute to spearhead the introduction of alumni involvement in the growth and continued leadership of the college. • Collaborate closely with Industries and enable increased support from alumni, and provide platforms and programs for such support

5.4.2 – No. of registered Alumni:

741

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

5.4.4 – Meetings/activities organized by Alumni Association :

1. Alumni actively participate in BOS meetings for curriculum development. 2. Deliver guest lectures 3. Support for placement internships 4. Support student projects 5. Students mentoring 6. Alumni chapter meet at regular intervals at different locations.

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)

Decentralization management: The Institute supports a trend of decentralized governance system with proper well defined inter-relationships. There are three levels of administrative structure under which all the activities of the institute are carried out. 1) Society level - The management of the institute is directed by Governing Body, whose members, are appointed in accordance with the guidelines provided by the AICTE. 2) Institute level - All the main decisions related to the institute are taken by the Principal in consultations with the Head of departments. Principal is the academic and administrative head of the Institute and the Member of the Governing Body. Some financial power is given to principal for the development of the institution. 3) Department level - The Department Heads are responsible for to look day-to-day administration of the department and report to the Principal. In addition, any institute staff member can give suggestions and idea for improvement. Students also participate through different formal and informal feedback mechanisms. Suggestion box is kept in every department for suggestions from students. Management and Trustees are approachable and accept all suggestions. **Participative management:** The institute always promotes the culture of participative management by involving staff and Students in various activities. All decisions of the institution are governed by management. The students and faculties are allowed expressing themselves for any suggestions to improve the excellence in any aspect of the Institute. 1) Strategic Level: The Principal, HODs, dean academics and staff members are involved in defining the policies and procedures, and rules/regulations related to admission, placement, discipline, grievance, counseling, training development, and library services etc. 2) Functional Level: At functional level the faculty members participate in sharing the knowledge by discussing on latest trends/technology during faculty meeting. Some Staff members are involved in preparation of annual budget of the department and institute. 3) Operational level: The Principal of the institution is a member of the governing body. The governing body gives suggestions and monitors the procurement, introduction of new programs and welfare activities. All the staff members actively participate in implementing the policies, procedures, and framework designed by the management in order to maintain and achieve the quality standards and Achieve vision and mission of the institution. Office staff is involved in executing day to day support services for students and faculties.

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
---------------	---------

Curriculum Development	<p>Our institution is affiliated to JNTUK, Kakinada, it abides by the changes in curriculum as prescribed by the university. As per autonomous status acquired in September 2018, our faculties are members of Board of studies and curriculum development.</p>
Teaching and Learning	<p>To provide adequate, good, airy academic and supporting spaces for effective teaching and learning. To have conference/seminar halls, meeting rooms, faculty cabins, library and digital library for effective teaching and learning. To use Information Communication Technology for all academic processes and procedures including Teaching Learning. To provide round the clock access to internet and e-services to students and faculty members. To develop class rooms, AV classrooms, incubation centres and central library and contents to meet the dynamic and ever-changing requirements of teaching and learning. To develop laboratories not merely as per JNTUK curriculum requirement but also beyond the curriculum to meet the research needs of faculty and students. To promote learning materials like AV classes, Write Ups, PPTs, Multimedia Content, Working Models, Virtual labs for enhancing the effectiveness of teaching learning process. To provide amenities like drinking water, canteen, transport, playgrounds, dispensary etc.</p>
Examination and Evaluation	<p>The college conducts two internal assessment tests during the semester through a centralized examination cell. Each subject handing staff gives at least three assignments per semester. A tutorial plan is also prepared and followed for enhanced learning of the subjects. Two internal assessment tests were conducted per semester for 40 marks. End semester examinations are conducted as per JNTUK, Kakinada, the question papers are set for 3 hours duration, and 60 marks. For students admitted after the institute's autonomous two internal assessment tests were conducted per semester for 40 marks. and End semester examinations are conducted for 3 hours duration and 60 marks.</p>
Research and Development	<p>All the departments of the Institute have well equipped laboratories with adequate infrastructural facilities.</p>

The institute has both wired Wi-Fi internet facilities for the fast access of online resources. The faculty members are encouraged to publish their research contributions in various National, International Journals and conferences. The institute encourages the research scholars by providing on-duty leave to succeed in their research. The institute motivates the faculty members to attend research oriented seminars/workshops/conferences, etc., by providing special on-duty leave. Encouraging faculty members to pursue Ph.D. programs in reputed universities. The institute supports the researchers by providing high end computing facility with necessary software and with modern equipment's. The institute central library facilitates research oriented books, journals e-journals for research reference.

Library, ICT and Physical Infrastructure / Instrumentation

Student records/ attendance/ internal marks/ fee payments are fully computerized. • Purchase / salary / leave records of faculty fully computerized. • Wi-Fi enabled campus. • Maintenance of computational systems by internal systems administration team. • Regular updating of Library facilities and Physical infrastructure • Availability of text books, reference books and journals in the library is ensured for the effective course delivery. • In central library, there are ample volume of books, magazines and journals for easy access of reference books for faculties and research scholars.

Human Resource Management

Our institution is very much concerned of its human resources. Employees are given highest importance and their desires are recognized well. The recruitment procedures, service rules and promotion policies are made transparent and employees are benefitted with CL, ML and EPF. Employee's salary will be credited in the bank account directly and bank ATM facility is provided inside the campus. Non-Teaching staff have ESI facility for their family members. The institution encourages the employees to their promotional activities in the form of higher education, presenting research papers in

	National/International conferences with financial assistance.
Industry Interaction / Collaboration	Industry interaction has provided opportunity for the students to undergo in-plant training, industrial visit, etc. Guest lectures by experts from industry.
Admission of Students	The institute is offering 5 UG and 4 PG professional courses. As per AP State Council of Higher Education (APSCHE) norms 70 students of UG and PG programmes are admitted through centralized admissions organized by the government (EAMCET for UG and GATE/ PGECET for M.Tech.). The remaining 30 seats (B Category i.e. Management/NRI) are filled by the Institute duly following the guidelines. Notification is given by the institute in the popular News Papers calling for applications for B Category seats. Application form for B Category seats is made available in college website and can be downloaded. Merit list is prepared from the applications received and placed in college website and notice boards.

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

E-governance area	Details
Planning and Development	REC actively uses online source of operations. In Placement, PB Works and High rise are used as two sources of controlling and updating the campus placement activities. For salary and leave, Paybooks are used to prepare salary and upload salary slips. It keeps the track of all personnel details of employees. Institute has its own LAN connection to communicate it with internal stakeholders. Institute maintains its website https://www.raghuenggcollege.com/ to communicate its philosophy and updates to external stakeholders.
Administration	The administrative activities involve maintenance of infrastructure, upkeep of the flora and fauna of the estate and administrative issues. Internal admin team reviews and audit all the functions every quarter. The team further suggest the changes and implement.
Examination	The JNTU, Kakinada sends the soft copy of the question paper before an hour of the exam and the examination

department of the college gets its Xerox as per the required number of the students appearing for that exam. This system is very safe and secure. Similarly the results are displayed on the university website and students get the online copy of it.

Student Admission and Support

Raghu engineering college provide support to students from entry to exit in various forms: • Scholarships - Merit cum Mean • Tie up with nationalized banks like SBI, PNB, UBI, and IOC for Loan facilities for fee payment. • Welfare Activities - in campus doctor, state of the art hostel, library. • Club - societies like NGO, Area Specific, Blogging, Photography, Literary, and Cultural for all-round development of students. • Sports facilities in hostel. • Career Counselling

Finance and Accounts

The Institute has already taken various steps for implementation of E-Governance in Finance Accounts: • On-line salary payment. • On-line deposit of PF/ESI • On-line deposit of TDS • On-line payment of LTA and other reimbursements to staff • On-line leaves approvals. • On-line pay slips and leave records of staff.

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	Shiva Krishna	Advanced material characterization technique	SAE	5000
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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges 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)
2020	Multi Carrier	N/A	29/05/2020	30/05/2020	150	Nil

	Modulation in Broadband Communication and Technology Challenges in 5G					
2020	ASIC-SOC Design Flow Methodology	N/A	13/06/2020	13/06/2020	90	Nil
2019	STTP on ICT Mode on Management Issue of Laboratory workshop class by NTTR, Kolkata	STTP on ICT Mode on Management Issue of Laboratory workshop class by NTTR, Kolkata	04/11/2019	08/11/2019	25	6
2020	Global Webinar on World Environmental Day entitled Particulate Matter in Air Physical Dynamics	N/A	05/06/2020	05/06/2020	9	Nil

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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
Applications of Optimization Techniques in Electrical Engineering	3	22/06/2020	26/06/2020	6

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
217	217	115	115

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>The management contributes an amount equal to the employee share for EPF with Pension scheme. • EPF paid to all employees as per PF act. • ESI Scheme - Employees drawing less than Rs.15000/- PM. They are covered under ESI and can avail this benefit directly with ESI Clinic/Hospitals • Maternity Leave</p>	<ul style="list-style-type: none"> • Group Insurance for all staff members. • EPF • Maternity leave • Transport facility 	<ul style="list-style-type: none"> • Fees concession for the students having good academic background • Scholarship provided by state government. • Skill development (Spoken English, Computer Literacy, etc.,) Practical Knowledge Training.

6.4 – Financial Management and Resource Mobilization

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

At the end of each financial year the institution undertakes internal audit of the college accounts, which consists of various fund heads. The preparation of the internal audit of 2019-20 entrusted to a reputed Chartered Accountant firm, has been completed. After the internal audit report is ready, it will be placed before the Governing Body (GB) meeting.

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
An International Webinar on CNC Opportunities Challenges	25000	Guest Lecture to Faculty for skills upgradation
View File		

6.4.3 – Total corpus fund generated

0

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	AICTE	Yes	IQAC
Administrative	No	NIL	Yes	Management

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

- Providing valuable suggestion for development of the institution. • Pointing out the weaknesses of the college related to Departments and suggesting rectification. • Communicating views which the students feel shy to communicate directly to the teachers about the college and the department.

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

- Institute provides training to the staff members for effective implementation of quality assurance procedures. • Regular staff meetings to address their

needs and upgrade the skills are conducted • Non- teaching supporting staff are encouraged to attend technical development seminars conducted by external/Internals agencies.

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

• Use of Renewable Energy • Water Harvesting • 1000Ltrs Capacity Reverse Osmosis Water Plant for drinking • Solar Power generation system in each department block

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

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
2019	International Women Day	12/03/2020	12/03/2020	12/03/2020	185
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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
Financial Independence and skill development by Mr. S. Prasada Rao	06/08/2019	06/08/2019	380	Nil
Self defense techniques by Mr. K. naga Raju, Taekwondo trainer	15/10/2019	15/10/2019	305	Nil

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
SOLAR PLANT DETAILS: • Capacity of Plant: 500 KW • Daily Units Production Average: 2,420 Units • Monthly Units Production Average: 72,780 Units • Yearly Units Production Average: 8,73,342 Units • Solar Power Usage Daily 6 A.M to 6P.M: 70 percent Approx.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries

Physical facilities	Yes	Nil
Provision for lift	Yes	Nil
Ramp/Rails	Yes	3
Braille Software/facilities	No	Nil
Rest Rooms	Yes	Nil
Scribes for examination	Yes	Nil
Special skill development for differently abled students	No	Nil
Any other similar facility	No	Nil

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	14/09/2019	1	Blood Donation Camp	Blood Donation	340
No file uploaded.							

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
No Data Entered/Not Applicable !!!		

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Importance of Golden hour	02/12/2019	02/12/2019	225
No file uploaded.			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

<ul style="list-style-type: none"> • Installed solar panels on each building of the Institute to fulfill power requirements • Use solar water heaters in the hostel campus • Prepared vermicomposting from the tree foliage • Planted trees in the college campus • Replaced additional tube lights with LED lamps

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

<p>1. Mentoring: Each faculty is allotted number of students from the first month of his/her admission at Raghu engineering Technology (faculty mentors are allotted on the basis of the student profile and the data collected on the basis of one-to-one interactions with the students by a panel of faculty members immediately after the orientation programme) Faculty mentors act as</p>
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friend-philosopher-guides to students. Each faculty is allotted 20 students from a particular class. Mentoring follows a clearly defined process at RIT, laid down in detail in the Mentoring Log Book. 2. Campus Recruitment Training: The training starts from 2nd year 1st semester onwards with the basics up to 4th year 1st semester. The Institute has well experienced trainers who plan and execute the training programme. The number of students selected in the present and past few years stands as proof of the institute's goal of making students industry ready.

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

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

Sri Raghu Kalidindi, a renowned academician is of the conviction that education is not just a phase in one's life but a life-long process. He believes education holds the key to society's progress and prosperity. It is precisely this conviction which prompted him to passionately pursue, promote education par excellence and establish this institution. Institute initiated job driven courses and increased industry engagement with students on the basis of NAAC recommendation. For the same, Raghu Engineering College collaborated with IEEE, to enhance student engagement with Industry experts. This collaboration helps students to groom and further prepare them for their professional journey. Skill enhancement capsule involves industry experts visiting the campus, interacting with students, guiding mentoring them to develop their skills. The activities include case study and random exercises in public speaking. The objective is to nurture and develop an industry ready candidate. The class was divided into various groups who were assigned a pre-determined topic for presentation. A faculty in-charge and Head of the Department jointly monitored the activity to provide constructive feedback and further help the student to build his/her confidence. In addition, there are many clubs to encourage students in co-circular and extra circular activities.

Provide the weblink of the institution

8.Future Plans of Actions for Next Academic Year

Raghu Engineering College as a institute in future plans of the institute are primarily aiming at scaling the intellectual environment of the institute. This includes aiming at inducting a better quality of students, faculty and intellectual output. REC possesses certain faculty resources who are dedicated to the field of research. The institution strongly believes that academic research can strongly contribute to engineering problem solving and has a well-developed research plan for the upcoming year. The faculty is involved in actively performing research in the emerging areas of, Block Chain, Internet of Things, amongst several other contemporary areas. The institution plans to host a set of international conferences in the upcoming year. The objective of these research based forums will be to serve as inter-disciplinary and multidisciplinary avenues for exchange of ideas, best research practices and research outcomes, for the benefit of the industry persons, academicians and researchers at large. Research workshops and special sessions are also being organized with the intention of familiarising individuals with the latest developments pertaining to research methods, technological evolution and research paper writing, thereby aiming at increasing the intellectual output of the institution. To address the requirement of better quality of students focus will be on Coaching institutes, Merit

Scholarship for meritorious students. During the recent past the faculty recruitment process has focused on inducting faculty with PhDs and good research background. We plan to improve the ratio of PhD faculty members. We are applying to all possible funding and grant schemes from government and non-government organizations. We also received the funding for MODROBS and Short term training program for faculty to AICTE and also REC got one lakh fund from NAAC.