



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	VAAGDEVI COLLEGE OF ENGINEERING
Name of the head of the Institution	K PRAKASH
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	0870-2865182
Mobile no.	7799086969
Registered Email	principal@vaagdevi.edu.in
Alternate Email	vaagdeviwgl@gmail.com
Address	Bollikunta, Khila Warangal (Mandal), Warangal Urban-506 005 (T.S)
City/Town	Warangal
State/UT	Telangana
Pincode	506005

2. Institutional Status																			
Autonomous Status (Provide date of Conformant of Autonomous Status)	19-Jun-2014																		
Type of Institution	Co-education																		
Location	Urban																		
Financial Status	private																		
Name of the IQAC co-ordinator/Director	Dr V Janaki																		
Phone no/Alternate Phone no.	09700360963																		
Mobile no.	9885692640																		
Registered Email	iqac@vaagdevi.edu.in																		
Alternate Email	headcse@vaagdevi.edu.in																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	https://www.vaagdevi.edu.in/																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.vaagdevi.edu.in/academics/academic-calendar/																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> <td>3.02</td> <td>2019</td> <td>26-Nov-2019</td> <td>25-Nov-2024</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.02	2019	26-Nov-2019	25-Nov-2024
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	A	3.02	2019	26-Nov-2019	25-Nov-2024														
6. Date of Establishment of IQAC	06-Jun-2014																		
7. Internal Quality Assurance System																			
Quality initiatives by IQAC during the year for promoting quality culture																			
Item /Title of the quality initiative by IQAC	Date & Duration		Number of participants/ beneficiaries																
Workshop on Curriculum	11-May-2018		50																

Design and Development for Sustainable and Societal Development	1	
Workshop on Teaching Learning and Assessment Methodologies	17-Sep-2018 1	47
Awareness programme on Good Governance	08-Oct-2018 1	55
Awareness programme on Environmental issues	24-Oct-2018 1	44
Workshop on Research Methodologies	18-Dec-2018 1	48
A Seminar on Enhancing Quality in Academic Research	03-May-2019 1	46
Awareness programme on Quality Enhancement through	25-May-2019 1	48
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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!!!				
No Files Uploaded !!!				

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 :	2
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)	

1. Applied for NAAC Accreditation. 2. MOUs with Industries and Premier organizations. 3. Encouraged faculty to apply for funding through government and nongovernment schemes 4. Placements in MNCs and core companies are also increased 5. Periodical meetings with staff members are initiated to formulate the plan of action to implement the best practices of the institution.

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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	Achievements/Outcomes
Conduction of Energy Audit	To reduce the energy consumption and to lower the operational cost.
Catering to students for academic excellence.	Department focussed more on innovative and ICT mode of teaching as per their students' needs and also implemented same for effective teaching.
Motivation of the departments to organize seminar/conferences and workshops	Providing a platform for students and faculty members to present their research work/ upgrade their skills/ interact with eminent personalities
Internal academic audit of the departments	Ensures transparency and verification/checking of smooth functioning of the department
Physical verification of laboratories	To update the equipments and infrastructure for successful conduction of laboratory work.
Encouraged all the faculty and students file patents.	A total number of 6 Patents were published during the academic year 18-19
Apply for various grants and schemes offered by various funding agencies.	The following schemes were sanctioned by AICTE 1STTP worth Rs. 2.72 lakhs, PRERANA scheme worth Rs. 8.92 Lakhs and Grant for Organizing Conference worth 5.0 Lakhs. EEE department was participated in 10 for 10 award organized by Typhoon HIL and won the HIL 402 simulator

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Board of Governors	13-Nov-2019

15. Whether NAAC/or any other accredited

Yes

body(s) visited IQAC or interacted with it to assess the functioning ?	
Date of Visit	15-Nov-2019
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	05-Feb-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	<p>SKOLO is a campus automation software at Vaagdevi college of engineering has different modules for automation of functions at the institute. 1. SKOLO makes admission process automated.It provides the data pertaining to admissions, reports of the seat's allotment by convener and its status is generated.This module is interlinked with academic module for various other automation purposes. 2. SKOLO performs Course Management i.e, Creates Course based on Program, regulation, semester, branch, Faculty Course Mapping, Academic Calendar, Teaching methodologies, and Elective Settings. 3. SKOLO manages the timetable for class management. It creates Time settings, class time Tables, Assigning Resources to the time tables. 4. SKOLO organizes and maintains the attendance record of the students. It creates Branch wise and Student wise Attendance and provides a provision for sending SMS or Notifications to the parents regarding student's attendance. 5. SKOLO provides the complete data regarding student's portfolio, i.e, student details, and student promotions, student activities in the college and outside the college during their stay in the college. Student management: Student, rejoined student, readmitted student etc. 6. SKOLO provides the complete information regarding the scholarships of student's status, scholarship proceedings and is linked to Accounts module.7. SKOLO is an integrated HR Payroll Employee management which is subcategorized into</p>

three i.e., Employee Management: It provides the complete data regarding the employee joining and leaving details, Biometric attendance and the reporting pertaining to biometric attendance. Payroll Management: Creates category and month wise payrolls, employee pay slips, monthly payroll reports. Leave Management: Provides the data regarding Leave entitlement, leave allotments, leave types, Employee leave requests and the status. 8. SKOLO enables fully automated account related functionalities like fee particulars of students based on regulations, ledger maintenance, due lists, payment status, part payment, etc. 9. SKOLO performs the functionality of student examination registration for end semester and creating seating arrangement for students. It facilitates the Nominal Rolls, Room and Branch(s) wise on a date of examination for both Internal/External. Provides the functionality for generation of Admit Card and Internal Marks Entry by faculty, also provides the complete upto date data of the students in the context of examinations. 10. SKOLO is also includes computerized library system that will manage the activities in the library providing easy access for librarian and users, it will also help librarians keep track of library information etc. This system will also provide electronic means of storage and help librarians keep track of library information. 11. SKOLO also facilitates Transport Management System includes Load Planning, Vehicle Scheduling, Route optimization and Driver Management for easily manages all Transport Needs. And automate transport operation like payment, report, generating transactions receipt etc. 12. SKOLO provides the complete parentteacher, studentteacher meetings, report pertaining to mentoring, counseling etc. 13. SKOLO enables the students to apply for certificates (Transfer certificates, Bonafide, Course completion, third party verification and Pursuing certificate etc) online. This is a totally automated workflow provided to concerned departments to provide no due certificates and printing of certificates after approval.

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	A01	Civil Engineering	30/06/2018
BTech	A02	Electrical and Electronics Engineering	01/07/2018
BTech	A03	Mechanical Engineering	30/06/2018
BTech	A04	Electronics and Communications Engineering	02/07/2018
BTech	A05	Computer Science and Engineering	30/06/2018
Mtech	D20	Structural Engineering	30/06/2018
Mtech	D43	Power Electronics	01/07/2018
Mtech	D53	Power Systems and Control Automation	01/07/2018
Mtech	D21	Thermal Engineering	30/06/2018
Mtech	D57	VLSI System Design	02/07/2018
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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	Civil Engineering	04/06/2018	Strength of Materials - I (A9101)	04/06/2018
BTech	Electrical and Electronics Engineering	04/06/2018	Power Quality (A9245)	04/06/2018
Mtech	Thermal Engineering	11/06/2018	Advanced Thermodynamics (M18TE01)	11/06/2018
Mtech	Wireless and Mobile Communications	11/06/2018	Scripting Languages (M18CS05)	11/06/2018
MBA	Master of Business Administration	11/06/2018	Financial Derivatives (A94607)	11/06/2018
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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	Civil Engineering (Engineering Chemistry)	04/06/2018
BTech	Electrical and Electronics Engineering (Linear Algebra and Calculus)	04/06/2018
Mtech	Thermal Engineering (Advanced Refrigeration & Air Conditioning)	11/06/2018
Mtech	VLSI System Design (Digital System Design using HDL)	11/06/2018
Mtech	Computer Networks and Information Security (Android Application Development)	11/06/2018
MBA	Master of Business Administration (Management and Organization Behaviour)	11/06/2018
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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	04/06/2018
BTech	Electrical and Electronics Engineering	04/06/2018
BTech	Mechanical Engineering	04/06/2018
BTech	Electronics and Communications Engineering	04/06/2018
BTech	Computer Science and Engineering	04/06/2018
Mtech	Power Electronics	11/06/2018
Mtech	Power Systems and Control Automation	11/06/2018
Mtech	Thermal Engineering	11/06/2018
Mtech	VLSI System Design	11/06/2018
Mtech	Computer Science and Engineering	11/06/2018
Mtech	Computer Networks and Information Security	11/06/2018
MBA	Master in Business Administration	11/06/2018

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
Reconnaissance in Soil Engineering	29/01/2019	153
Mobile Controlled Robotics	20/10/2018	178
Computational Structural Engineering using Midas	28/02/2018	136
Introduction to VLSI	10/12/2018	198
A Two week short term course on Advanced tools for Electrical Engineering Applications	25/02/2019	160

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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	Civil Engineering	372
BTech	Electrical and Electronics Engineering	310
BTech	Mechanical Engineering	226
BTech	Electronics and Communication Engineering	437
BTech	Computer Science and Engineering	413
MBA	Master in Business Administration	44

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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
Vaagdevi College of Engineering has a good mechanism to obtain the feedbacks from all the stakeholders like students, Faculty, employers, Alumni and parents. Exit Survey for final year students during their passing out is collected to know the feedback of Curriculum, laboratories, department facilities and institutional facilities for further improvement. Parent Feedback is collected during parent-teacher meeting and also during their visit

to the college on various purposes. Placement office will collect feedback from the employers during their visit for placements and also during the training hours provided by various companies, academies and industries. Departments will also collect feedbacks from various industry persons and academicians during their visit to workshops, guest lectures, FDPs and as external examiners. An exclusive feedback mechanism is maintained for Alumni where VCE will collect feedback through online mode during regular intervals and also during alumni meet every year. We also collect feedback from faculty on various teaching learning resources, curriculum, and department and institute level facilities. The feedbacks then collected from various stakeholders are then analyzed, discussed and appropriate actions are initiated at various bodies including the Department Academic Committee, Academic Council, Governing Body etc. Feedback assessment is done based on E - Excellent, G - Good, A - Average, P - Poor for the questionnaire provided. The stakeholders also have an option of providing remarks if necessary. The responses given by all the stakeholders are consolidated and evaluated on a four point scale. The feedback thus obtained is sent to the principal and concerned Heads of the Department for further action. In addition to all these feedbacks, course feedback and CRC Feedback are considered where faculty assessment is done based on various skills they possess to present their subject during that semester. Faculty who got less than 3 on a 5 point scale are addressed specifically. Subsequently, the information is disseminated to the concerned departments. The complete templates and procedures for feedback system is available at <http://www.vaagdevi.edu.in>.

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	180	156	156
BTech	EEE	180	89	89
BTech	Mechanical Engineering	180	40	40
BTech	ECE	240	177	177
BTech	CSE	240	236	236
Mtech	Power Electronics Shift-I	30	19	19
Mtech	Power Electronics Shift-II	30	17	17
Mtech	PSCA Shift-I	24	20	20
Mtech	Thermal Engineering	24	16	16
Mtech	VLSI Shift-I	30	16	16

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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
2018	3383	389	276	86	0

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
362	255	6	43	11	6

[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)

Student Mentoring and Counselling is a part of the teaching-learning process in our College. For every 15 students, one teacher-Mentor is appointed, and they maintain a record every-day with regard to the attendance or otherwise, performance in the examinations, their personal and other difficulties affecting their education, etc. And discuss the matters with concerned including parents, Principal, Management or other student groups, etc for solutions to resolve the problems. Though Vaagdevi College of Engineering has a policy to do the counselling in various levels including Mentor-Mentee system, engaging professional counsellor etc, yet, VCE has taken a special care for counselling in gender equality and gender amity. It takes pro-active role in addressing various issues of social, physical and psychological environment and awareness. Counselling is provided to encourage the students for early reporting of any experience regarding sexual harassment or gender conflict. Also encourage them to maintain a healthy environment in and around the campus. Awareness and counselling has been generated to ensure that complaints will be dealt with in a sensitive, equitable, fair, timely and confidential manner. Popular personalities are invited to deliver motivational lectures who also counsel the students with techniques to overcome mental, social and academic hurdles in the process of the college life, and set goals and steps to be initiated in that direction citing examples and enunciating very good tips and incidents. Since the majority of the students are not matured enough to take their own decision in the vast changing scenario of technology and their family and educational background, the mentorship activity of the institute guides and counsel the students in academic, non-academic matters including personal domain to achieve their best in life. In particular, the scheme aims at addressing deficiencies in attitudes, habits, and knowledge of the students regarding study and learning. Many other supporting methods have been introduced for better coordination of lectures, tutorials and practical classes. Advanced tutorials are arranged by the mentors in association with the respective subject teachers and experts focusing problem-based learning of modern technology. Towards the end of semester, students work collaboratively on assignments in small groups in their practical classes. The confidence of the students is thus increased due to the mentoring, expertise training and measures taken by the college. There is recognition and appreciation by the students and they are actively participating in all the programs. As the outcome, discernible positive change has been observed in them. Internal Quality Assurance Cell (IQAC) play a key role in mentoring activities. In spite of some difficulties faced by the teachers and College, the mentoring of students is made compulsory in our educational institutions in the interest of students community.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3772	362	1:10.4

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned	No. of filled positions	Vacant positions	Positions filled during	No. of faculty with
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positions			the current year	Ph.D
362	362	0	39	51

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
No Data Entered/Not Applicable !!!			
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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	I / IV	01/12/2018	23/01/2019
BTech	01	II / IV	03/05/2019	07/06/2019
BTech	02	I / IV	08/12/2018	23/01/2019
BTech	02	II / IV	03/05/2019	07/06/2019
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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
0	3513	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)

http://www.vaagdevi.edu.in

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
01	BTech	Civil Engineering	165	141	85.5
02	BTech	Electrical & Electronics Engineering	147	119	81
03	BTech	Mechanical	155	121	78.1
04	BTech	Electronics & Communication	217	181	83.4

		Engineering			
05	BTech	Computer Science & Engineering	213	168	78.9
58	Mtech	Computer Science & Engineering-Shift-I	5	4	80
00	MBA	Master of Business Administration	112	81	72.3
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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.vaagdevi.edu.in/igac/>

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
Sudheer Kumar Y
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
International	Dr. Nishu Gupta	Post Doctoral Fellowship	01/02/2019	Delegado de Coordinacion y Estrategia Universitaria, Spain
International	Dr.M. Ranjeeth	International Travel Support	15/01/2019	DST-SERB
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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
Any Other	365	Typhoon HIL 10	17	17

(Specify)		for 10 Award		
Any Other (Specify)	14	AICTE STTP	2.72	2.72
Any Other (Specify)	4	DST-SERB International Travel Support	1.08	1.08
Any Other (Specify)	730	AICTE Modernization and Removal of Obsolescence Scheme (MODROBS) (ADSP Lab)	12.59	10.07
Any Other (Specify)	730	AICTE Modernization and Removal of Obsolescence Scheme (MODROBS) (PED Lab)	7.2	5.76
Any Other (Specify)	2	AICTE Grant of Conference	5	0.5
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

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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
A One Day Workshop on 3D Printing Technology	Mechanical Engineering Department	12/07/2018
A One Day Workshop on Structure and Tools for Technical Paper Writing	Electrical and Electronics Engineering Department	20/07/2018
A Two Day Workshop on Basic Electrical Safety Utilization of Electrical Appliances	Electrical and Electronics Engineering Department	27/07/2018
Awareness programme on SAP	Master of Business Administration Department	06/08/2018
A National level workshop on 'Hands on VLSI CAD Tools	Electronics and Communications Engineering Department	10/09/2018
National Level Workshop on Electronics Circuit Simulation Formatting Tools For Engineering Applications	Electronics and Communications Engineering Department	24/09/2018

Industrial tour to research centre CSIR Structural Engineering Research Centre "SERC"	Civil Engineering Department	26/09/2018
One Day Seminar on Career Guidance for students under ISTE Students chapter	Electronics and Communications Engineering Department	04/10/2018
Samsung Tizen OS	Computer Science and Engineering Department	23/10/2018
Basics of Stock Market	Master of Business Administration Department	15/12/2018
Oracle Java Programming	Computer Science and Engineering Department	18/12/2018
A Four Week Short-term Course on MATLAB/SIMULINK for Electrical Engineering Applications	Electrical and Electronics Engineering Department	18/12/2018
Sales force Essentials for Business Specialist	Computer Science and Engineering Department	02/01/2019
A Seminar on "Career Enhancement for Civil Engineering"	Civil Engineering Department	07/01/2019
A Seminar on Understanding Automotive Industry	Mechanical Engineering Department	21/01/2019
A Two Day Workshop on Real-Time Simulator for Power Systems Power Electronics Using Typhoon HIL	Electrical and Electronics Engineering Department	30/01/2019
A One day workshop on "Intellectual Property Intelligence"	Civil Engineering Department	02/02/2019
A One day seminar on "Basics of Structural Detailing in RCC Building"	Civil Engineering Department	11/02/2019
A One day workshop on Heating, Ventilation and Air Conditioning	Mechanical Engineering Department	12/02/2019
Workshop on Oil Gas Plant Piping Design and HVAC	Mechanical Engineering Department	25/02/2019
A Short-Term Certification Course on embedded system design using ARM CM3 in association with C-DAC, Hyderabad	Electronics and Communications Engineering Department	27/03/2019
Effective Resume writing	Master of Business Administration Department	05/04/2019

Industrial tour to Kaleshwaram Barrage Irrigation Project	Civil Engineering Department	12/04/2019
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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
Tekhack-VCE Winner	Sai Charan Pogul	Smart Bridge	06/02/2019	Student
Outstanding Paper Award	Dr. M. Ranjeeth	Global IT Research institute with IEEE Communication Society	18/02/2019	Teacher
Best Presentation Award	Dr.Nishu Gupta	IEEE	25/02/2019	Teacher
International Research Awards on Engineering, Science and Management	B. Nagaraju	International Organization of Scientific Research and Development, New Delhi	27/03/2019	Teacher
Fall 2018 Richard E. Merwin Scholarship Winner	Akhil Aduvala	IEEE Computer Society http://interface.computer.org/fall-2018-richard-e-merwin-scholarship-winners-selected/	28/02/2019	Student
10 for 10 Award	Dr. Y. Hareesh Kumar and Team	Typhoon HIL	06/05/2019	Teacher and Students
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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 !!!					
No file uploaded.					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Civil Engineering Department	1
Electrical and Electronics Engineering Department	4
Computer Science and Engineering Department	4

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 Department	29	0.1
International	Electrical and Electronics Engineering Department	9	2.77
International	Mechanical Engineering Department	2	1
International	Electronics and Communications Engineering Department	13	2.76
International	Computer Science and Engineering Department	5	0.29
International	Masters of Business Administration Department	1	0
International	Basic Sciences and Humanities Department	3	4
View File			

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
Masters of Business Administration Department	5
Computer Science and Engineering Department	3
Electronics and Communications Engineering Department	5
Electrical and Electronics Engineering Department	8
Civil Engineering Department	28
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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Performance Analysis Of Four Stroke Si Engine Using Distilled Water As Hybrid	Published	201941004289 A	15/02/2019
Smart Communication System and Method	Published	201841041997	16/11/2018

for Enhanced Vehicular Safety			
Sensitive Information Management System and Method	Published	201941019479	16/05/2019
HIV Smart A Health Care System That Monitors Paediatric Antiretroviral Therapy (ART) Drug Dosages.	Published	201941010348	03/05/2019
System And Method To Generate Time-Profiled Temporal Pattern Tree.	Published	201841045647 A	07/12/2018
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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
Performance Evaluation Of 5TM Sensor for Real Time Monitoring of Volumetric Water Content in Multi-Layered Cover System	J. Shaikh, S.K. Yamsani, S. Sreedeeep and R. R. Rakesh	Advances in Civil Engineering Materials	2019	1	Vaagdevi College of Engineering	3
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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 Evaluation Of 5TM Sensor for Real Time Monitoring of Volumetric	J. Shaikh, S.K. Yamsani, S. Sreedeeep and R. R. Rakesh	Advances in Civil Engineering Materials	2019	5	3	Vaagdevi College of Engineering

Water Content in Multi-Layered Cover System					
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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	0	260	8	6
Presented papers	45	3	1	0
Resource persons	0	1	2	2
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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)
Civil Engineering	Surveying and Layout preparation at Kotha Thanda, Dornakal	Mr. Ravi, Contractor	15000
Civil Engineering	Surveying and Layout preparation at Anekatta Thanda, Dornakal	Mr. Ravi, Contractor	17700
Civil Engineering	Surveying and Layout preparation at Yellmapata, Maripeda	Mr. Ravi, Contractor	36360
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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
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
International Yoga Day	NSS Unit and Revenue Department,	64	300

	Bollikunta		
Swachh Bharath	NSS Unit and Revenue Department, Bollikunta	19	300
Haritha Haram	NSS Unit and Revenue Department, Bollikunta	21	200
Kerala Flood Donation to Collector	NCC Unit, Bollikunta	2	7
Indian Navy Awareness Program	NCC Unit, Bollikunta	2	70
Mega Health Camp on Dental and Cancer Awareness Program	Lets spread love, Vaagdevi College of Engineering	2	5
A candle rally for sacrifices of soldiers in pulwama attack	Dept of Business Management, Vaagdevi college of Engineering Autonomous	5	150
Awareness on Child Welfare and Sexual Abuse	EEE Department	4	15
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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
Swatcha Internship Program	Internship certificate	Greater Warangal Municipal Corporation	14
Blood donation	Blood Donation Certificate	Indian Red Cross Society	6
70th NCC Celebrations	Certificate of Appreciation	Unit 1(T) CTR Warangal, NCC Head Quarters, Warangal	2
Represented NCC Directorate at The Annual NCC Republic Day Camp-2019 and The Prime Ministers Rally	Represented NCC Directorate at The Annual NCC Republic Day Camp-2019 and The Prime Ministers Rally	NCC, New Delhi	1
Seniority in NCC camp	Gold medal(Best performance)	CATC-1 camp by Lt. Colonel Punkajdevagan	1
Training and Placements	Infosys Campus Connect Award 2018	Infosys	1
Techno Talk	Certificate of Appreciation	IEEE, Vaagdevi Engineering College	1

Cultural Dance	Certificate of Appreciation from Telugu World Record	Sree Vempathi Venkata Narayana Kakatiya Nruthya Kala Kshetram	1
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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 activities	Number of students participated in such activities
Swacha Bharath(Vermi Compost Preparation)	NCC Unit, Bollikunta	Swacha Bharath(Vermi Compost Preparation)	2	40
Visit to Bollikunta village for Social Awareness Program	NCC Unit, Bollikunta	Visit to Bollikunta village for Social Awareness Program	2	48
Organ donation awareness programme	NSS Unit and Revenue Department, Bollikunta	Awareness Programme	17	300
Better Environment-Better Tomorrow	Dept of Business Management, Vaagdevi college of Engineering	Environment Cognizance	5	150
Awareness on Child Welfare and Sexual Abuse	EEE Department	Awareness on Child Welfare and Sexual Abuse	4	15
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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
Research collaboration with IIT Guwahati	S.K. Yamsani	Vaagdevi College of Engineering	365
Research Collaboration with NIT Warangal	K. Sowjanya	Vaagdevi College of Engineering	365
Research collaboration with KLEF	D Pruthvi Raj	Vaagdevi College of Engineering	180
Research Collaboration with Vesta Research Institute	A Muthulakshmanan	Vaagdevi College of Engineering	365

Research Collaboration with IIT Dhanbad	D. Bepari	Vaagdevi College of Engineering	365
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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 Institute Collaboration	Internship/Project Work	CanterCadd	31/01/2019	28/02/2019	15
Industry Institute Collaboration	Internship/Project Work	Electric Loco Shed, Kazipet	14/12/2018	21/12/2018	10
Industry Institute Collaboration	Internship/Project Work	TS TRANSCO	10/06/2019	15/06/2019	2
Industry Institute Collaboration	Internship	VEGA	21/01/2019	20/04/2019	49
Industry Institute Collaboration	Internship/Project Work	CITD, Balanagar Hyderabad	12/02/2019	20/03/2019	23
Industry Institute Collaboration	Internship/Project Work	COIGN Consultants Pvt. Ltd	21/01/2019	20/04/2019	60
Industry Institute Collaboration	Internship/Project Work	SMAE, Hyderabad	23/03/2019	12/04/2019	26
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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
CISCO Networking Academy	05/03/2019	Training/Internships	98
SMEC Automation	26/02/2019	Curriculum Design , Industrial Training Visits, Internships and Placements, Research and Development, FDPs, Guest Lectures	26
Takeup	19/01/2019	Training/Internship	2

		s	
Rowan University, USA	16/11/2018	Twinning Program	1
Olacademy	30/10/2018	Internships	10
Texas Instruments Innovation Center	29/08/2018	Lab Setup, FDP, Worshops, Training Programs, TI lab engagement program	125
IIT Bombay Remote Center	01/06/2018	Online Training for Faculty and Students	15
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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
280.5	69.31

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	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 patially)	Version	Year of automation
Genesis Techsystems Pvt Ltd(SKOLO Software)	Partially	M/s Genesis with JAVA Version	2019

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	10113	59070	422	3886	10535	62956
Reference Books	594	595	57	57	651	652
e-Books	388	388	0	0	388	388

Journals	254	254	0	0	254	254
e-Journals	3227	3227	0	0	3227	3227
CD & Video	6875	6875	0	0	6875	6875
Weeding (hard & soft)	133	133	24	24	157	157
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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
No Data Entered/Not Applicable !!!			
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	1254	1081	1254	30	60	10	13	505	60
Added	0	0	0	0	0	0	0	0	0
Total	1254	1081	1254	30	60	10	13	505	60

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

155 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
Projector LCD Speakers Mic Web Cam Video camera Team viewer for e-communication Systems with high speed net	https://www.youtube.com/watch?v=85WnjAmBlUU
Projector LCD Speakers Mic Web Cam Video camera Team viewer for e-communication Systems with high speed net	https://www.youtube.com/watch?v=LTmzg50gfG8
Projector LCD Speakers Mic Web Cam Video camera Team viewer for e-communication Systems with high speed net	https://www.youtube.com/watch?v=YJ6vc4NYLjs&feature=youtu.be
Projector LCD Speakers Mic Web Cam Video camera Team viewer for e-communication Systems with high speed net	https://www.youtube.com/watch?v=JKrFN9WiETw&feature=youtu.be
Projector LCD Speakers Mic Web Cam	https://www.youtube.com/watch?v=LcSAi2U

Video camera Team viewer for e-communication Systems with high speed net

[ydQo&feature=youtu.be](https://www.youtube.com/watch?v=ydQo&feature=youtu.be)

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
254.58	301.36	137.59	253.23

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)

The Institute has an Estate Officer under whose direction the maintenance of buildings, classrooms and laboratories are carried out. He works in association with a group of dedicated maintenance and supporting staff to ensure that the buildings, equipments, and all other infrastructural facilities of the college are continually kept in good condition. It is his responsibility to ensure the cleanliness of the facilities and the surroundings. The maintenance of the following facilities are taken care of by the estate officer. ? Estate Officer

- Systems Internet Maintenance
- Roads Buildings
- Water Supply
- Electrical Supply
- Sanitary Maintenance
- Maintenance of Gardens
- Vehicle Parking
- Canteen
- Security
- Dispensary

For the maintenance of the equipment, the college has contracts with the hardware firms apart from some of the employees. The maintenance contracts help in the up-gradation of equipment. The above staff members interact with the departmental heads and the management and ensure fulfilment of further requirement whenever necessary.

1. Maintenance of equipment: For the maintenance of the equipment and computers the college has contracts with the hardware firms. The maintenance contracts help in the up-gradation of equipment if desired.
2. Services: The College outsources the services such as gardening, cleaning and washing of classrooms, laboratories, toilets, verandas and surroundings as may be required.
3. Campus security: Campus Security is outsourced to a licensed security agency based at Warangal for 24 hours, round the clock in 3 shifts.
4. General Maintenance: The Board of Governors allocate sufficient fund for infrastructure development:

- Annual maintenance and repair of the infrastructure are taken care by the college in a systematic manner. Day to day maintenance is carried out by the appointed staff for cleaning and maintenance of the building. The laboratory equipments are maintained through College Development Fund. The computers and electronic devices are maintained and repaired through the funds available in the institution.
- The estate officer coordinates the college and indoor facilities he also oversees the maintenance of outdoor areas such as- playground, parking areas, lawns, gardens, etc.
- A series of process maps and SOPs have been developed for maintenance and various purchase activities connected to infrastructural maintenance.
- As a policy, faculty members, staff, lab assistants, drivers and other service personnel are given responsibility to maintain the equipments under their supervision and report to the Estate officer if additional maintenance assistance is required for those equipments.
- Any incident beyond the scope of SOP is reported to the estate officer, who assigns the task to a team of capable and dedicated maintenance personnel.
- For maintenance of equipment, computers, elevators, etc., the college has AMC with relevant agency.
- The college consists of over head tanks and bore wells at many places to provide constant supply of safe water.
- 20 kVA are installed in each of the computer Labs.
- Two Generators of Capacity 125 kVA and, 320 kVA with total power backup of 445 kVA are used in case of power failure.

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	Fee Wavier	64	1053750
Financial Support from Other Sources			
a) National	TS Fee Reimbursement	2470	108079800
b) International	NA	0	0

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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
Language Lab	18/06/2018	2465	In House
Yoga and Meditation	21/06/2018	362	Dept of Physical Education
Personal Counselling	18/06/2018	2032	In House
Remedial Coaching	18/06/2018	1142	In House
Bridge Course	18/06/2018	335	In House
Soft skill development	18/06/2018	717	In House
Career Counselling	18/06/2018	863	COIGN Academy
Guidance for competitive examinations	18/06/2018	650	Vishwa Academy, Warangal

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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
2018	Guidance for competitive examinations	650	0	57	0
2018	Career Counselling	0	863	0	481

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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	1

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
46	700	465	11	180	23
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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	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	B.Tech	Computer Science Engineering	Chandigarh University	MBA
2019	1	B.Tech	Electronics & Communication Engineering	Rowan University	M.S
2019	14	B.Tech	Electrical Electronics Engineering	Vaagdevi College of Engineering	M.Tech
2019	1	B.Tech	Mechanical Engineering	KITS Warangal	M.Tech
2019	1	B.Tech	Mechanical Engineering	MLRIT	M.Tech
2019	1	B.Tech	Mechanical Engineering	Bournemouth University	M.Sc
2019	1	B.Tech	Mechanical Engineering	University of Cassino and Southern Lazio	M.Sc
2019	3	B.Tech	Mechanical Engineering	Vaagdevi College of Engineering	M.Tech
2019	1	B.Tech	Electronics & Communication Engineering	Teesside University	M.Sc
2019	1	B.Tech	Electronics & Communication	University of South Florida	M.S

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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
GRE	3
GMAT	2
GATE	3
TOFEL	9
SLET	24
Any Other	16

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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
VAAG KREEDA18	INSTITUTIONAL	600
VAAG TARANG 18	INSTITUTIONAL	650
VAAG SPORTS MEET 19	INSTITUTIONAL	1200
TRADITIONAL DAY	INSTITUTIONAL	700

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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
2018	Diploma in Kuchipudi Dance	National	0	1	17641A0553	CH.CHANDAN A
2019	Participated in Delhi parade	National	1	0	16641A04A4	Anuhya Kodam
2019	Bronze	National	0	1	16641A0465	V.Kasthuri Pooja

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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 students have representation in the following academic and administrative bodies: Class Review Committee: The Committee reviews the progress of coverage of syllabi in various subjects from time to time keeping in view the schedule prescribed in the almanac. It also reviews the progress of coverage of laboratory, syllabi experiments. The Committee also looks into the student attendance, suggesting and implementing steps to overcome the shortage of attendance. Two Students from each department are inducted in the Class Review Committee. Anti- Ragging Committee: Ragging in any form inside or outside the

college is banned and in order to have the peaceful atmosphere in and around the College, Canteen, Library and Hostels. An Anti-Ragging Committee with the faculty and staff members is constituted. College has taken various precautions as per AICTE / UGC Norms to prevent ragging and ensure 100 no-ragging. • Formed Anti Ragging Committee consisting of faculty and staff members. • Committee has taken steps and allotted duties to all the staff members at almost all areas in the college and Hostels (i.e. Departmental Buildings, Canteen, Library, parking places, play grounds, Hostels etc.) to avoid ragging activities. • Wide canvassing about anti-ragging is being done in the forms of display of Flexi banners, Meetings, and Boards in college, Canteen, Hostel premises and surrounding areas where there is a chance of ragging. • Awareness programmes were conducted in the form of meetings with the students. Student Council: This council is responsible for all co-curricular and extra-curricular activities of the students. It will have student representatives from all branches of the College. Library Committee: This Committee will oversee the library functioning and its resources. One student from each branch shall be a member on this Committee. Magazine Committee: The members of the Committee will select the articles and gather printable material in various forms from the students and also eminent personalities and publish selected articles. Normally one student from each department shall be a member on editorial board. Educational Tours: To organize and oversee the arrangements for purposeful educational tours annually to the students. There will be a Committee for each department under the guidance of a faculty member. The committees endeavor to take advantage of every opportunity to create and sustain an environment that nurtures life in its fullness, for every member of its community and set it on the path of excellence. The college believes that progress is possible only with the involvement of all the stakeholders in the Institute- the students, the staff, the faculty and the management. These committees include the representative body of students along with members from management, administration, faculty members and staff members, as may be desirable and required. The student body is formed with the class representatives from every class. There are two representatives, one male and one female, who are elected or selected by the students of every class. The Class Representatives take the leading role in all the day to day activities in the class. Any matter related to academics

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The VCEAA (Vaagdevi College of Engineering Alumni Association) is a volunteer group working with Vaagdevi College of Engineering to enhance the student experience, connecting students with alumni to ignite opportunities that strengthen their bond with the college. The VCEAA organizes Formal Alumni Meets every year and such events enable Alumni to reunite with their friends and faculty members, revitalize their memories and share experiences of their past and present life. Alumni of this institution are spread across the globe in all public and private sectors and many of them are successful entrepreneurs.

5.4.2 – No. of registered Alumni:

3924

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

4

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 institute practices a very transparent decentralized procedure in all academic aspects including Administration, Management and Finance. The institute has a Governing Body to formulate service rules and policies which meets all AICTE norms and equally applied from higher level to lower level management. The governing body constitutes various committees such as Academic Council, Finance Committee, Board Of Studies and delegates responsibilities as per the requirements for the smooth functioning of the institute. The governing body conducts regular meetings with the different committees, principles, head of the departments, University nominees and industry experts for major decision making regarding academics, finance, research, innovation and teaching learning process. The principal as head of the institution with a team of all Deans such as Dean Academics, Dean Administration, Dean Training and Placement, Dean Exams and Evaluation, Dean Research and Development and Dean IIIC ensures the progressive functioning of the institute. This decentralized mechanism not only exists at institute level but is also implemented at department level. Every department is led by head of the department who has the complete decision making authority for the department. Every department has an Academic Coordinator to plan and execute all department level activities. Departments have several committees like Department Review Committee, BOS, Class Representative Committee. All these committees together involve in decision making at department level for various activities and for smooth functioning of academics. The institution stakeholders exercise participative management by being active members in various institute level committees. These committees also include University nominees, industry experts, educationist, legal experts and alumni. The institute conducts regular meetings and encourage faculty, students, non teaching staff, alumni and department coordinators to share their ideas, issues and challenges which are taken as input for future decision making.

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
Industry Interaction / Collaboration	The organization has Industry Institute Interaction Cell (IIIC) which AIMS at interaction between technical institutes and industry to bridge the gap between academics and current needs of industry. Internships are the prestigious outcomes of IIIC which gives students a chance to work with industry during their course completion itself. IIIC promotes industry experts to participate in curriculum design and plan short term courses which play a very significant role in making the student compatible to industry requirements. IIIC also focuses on memorandum of understanding with

different organisations which can help students in training and placement. IIIC has been given 5 star rating under MOE IIC 2.0.

Library, ICT and Physical Infrastructure / Instrumentation

Institute has computerized Central library with complete classification of books and bar coding. The central library has a collection of 65,000 books 3,227 reputed e- journals (IEEE, J-Gate, Delnet), 254 print journals and 3,454 e-books. Library provides public access to all the journals and has exclusive internet with bandwidth of hundred mbps. Institute has adequate infrastructure facilities for teaching learning with latest ICT enabled classrooms and LAN facilities.

Research and Development

Institute has a separate research and development wing with a Dean and one representative from every department to promote and encourage research among faculty and students. Continuous programs are organized to sensitize about the opportunities and challenges in modern research methodologies. The RND team continuously works on funded projects and grants from AICTE and MHRD to develop strong research in the institute. We have received more than 1 crore rupees from various government and international funding agencies towards research project implementation. A separate research centre is established at every department level to continue research on a regular basis. These research centres collaborate to work on inter disciplinary research projects also.

Examination and Evaluation

The major reform in examination and evaluation is the transformation to online application and assessment system. Exam applications and fees are received online and hall tickets are also issued online. Coding and decoding of answer booklets is done based on OMR code. Continuous evaluation is done in the form of unit wise test, assignments, projects conducted time to time. The practical knowledge of students in real time applications is evaluated in the form of mini projects, internships and major projects. Students are now evaluated on the basis of grades rather than percentages. Comprehensive viva, seminars and project viva voce are considered to assess the subject knowledge and

	presentation skills of students.
Teaching and Learning	As initiated by AICTE entire teaching and learning process today concentrates on outcome based education and use of modern pedagogical tools to make the environment more user friendly to learn as well as teach. The institute has established classrooms with smart boards and LCD projectors and with all necessary audio and video equipments. The labs are made well established to give hands on experiments on real time applications. To check if educational objectives are really met or not the course outcomes are mapped with program outcomes. This mapping gives attainment values to justify the quality of teaching and learning process.
Curriculum Development	The institute has Academic Advisory Board and Board Of Studies which AIMS at academic excellence by framing innovative curriculum and incorporating all educational objectives. The course scheme and syllabus are designed in inclination with current technical and industrial needs and developed in line with program outcomes and program educational objectives. The curriculum is carefully designed and modified after conducting series of review meetings by the BOS members. Latest and trending technologies are introduced as program electives and general aspects are introduced as open electives. Certification courses and project based learning are made mandatory along with regular syllabus contents. The curriculum is finally approved by all BOS members and brought into action for implementation.

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

E-governance area	Details
Planning and Development	The various planning and development activities are maintained time to time. This includes scheduling of governing body meetings, conducting of meetings, drafting and maintaining the minutes of meeting, and their approvals. Regular messages, emails and reminders are sent to students as well as faculty regarding different issues of academic development.
Administration	The administration module provide support in everyday activities of the institute with respect to students,

faculty and all academics. All the information of faculty pertaining to their work load, various types of leaves, welfare schemes, roles and responsibilities and they self appraisals are maintained in this module. Faculty requirement is regularly verified and recruitments are performed as per norms.

Finance and Accounts

Institute uses skolo app to support e-governance in various operational areas for a better transparency, control and productivity. The payroll module of this app maintains all the pay slips of faculty both teaching and non teaching which includes the basic pay, HRA, DA and other credentials and generates salary slip monthly. This app supports special module for students to help them in payment of their fees , generating fee receipts and sending message to parents regarding fee dues. This module also maintains invoice of all payment details for different kinds of purchase made.

Student Admission and Support

The skolo app has separate admission module for students which makes the entire admission process automated and easy. All the student applications are received along with their details regarding Aadhar card, PAN card, qualifications, bank account details, address details which are stored for further correspondence. Every student is allotted a separate user id and password in this skolo app which helps them to check their class timetables, attendance and assignments. This module continuously posts notifications and announcements to students regarding their internal examinations, external examinations and any special events conducted the college. For the benefit of students this app also has a special counseling module where students can be in regular contact with their mentors and seek their help in academic and other issues.

Examination

The examination module provides all necessary functionalities for students starting from examination fee notification, followed by payment of the exam fees. Examination schedule is also displayed online and all the regulation details with course structure and previous question papers are made available to help students in

exam preparation. During the time of exams this module also helps in providing the seating arrangement to students and the results are also generated and displayed online for or the easy access of students. All the hall tickets, memos and other student credentials are maintained and issued online.

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	Dr.M.Vishnu Prasad	First International conference on Electrical and Computer Technologies 2019	NA	4000
2019	Dr.M.Vishnu Prasad	NA	IEEE	6300
2019	Dr. Durga Hari Kiran B	NA	IEEE	6300
2019	B.Nagaraju	NA	IEEE	6300
2019	Dr. Y Hareesh Kumar	NA	IEEE	6300
2019	Dr. K Prakash	NA	IEEE	6300
2018	Dr. S Kayalvizhi	20th National Power Systems Conference	NA	3500
2018	Dr. Y Sudheer	Constitutive modeling of unsaturated soil and its practical applications for critical infrastructure	NA	9000

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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)
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2018	A Five Days Faculty Development Programme on Engineering Mechanics	NA	11/06/2018	15/06/2018	73	0
2018	Two Day FDP on Internet Of Things	NA	13/06/2018	14/06/2018	35	0
2018	NA	A Three day Training Program on Circuit Design	26/06/2018	28/06/2018	0	25
2019	A Five Days Workshop on Reconnaissance in Soil Engineering	NA	29/01/2019	02/02/2019	165	0
2019	Introduction to R Programming	NA	08/04/2019	12/04/2019	81	0
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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
A One week FDP on Integration of renewable energy systems in microgrid	3	06/08/2018	11/08/2018	6
AICTE - ISTE approved refresher programme on Engineering Drawing - An Effective Teaching Methodology	4	02/07/2018	07/07/2018	6
Two weeks FDP on HVAC and Refrigeration	7	17/12/2018	28/12/2018	12
Three day	3	21/02/2019	23/02/2019	3

Workshop on R-programming for Data Science				
ICT in Advanced Manufacturing Engineering	2	27/05/2019	21/06/2019	26

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
295	295	108	108

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Health Centre , Water Purifier across the campus , Hall for Yoga and Meditation,Subsidised and free Transportation beyond working hours	Health Centre , Water Purifier across the campus , Hall for Yoga and Meditation,Subsidised and free Transportation beyond working hours,LIC,ESI	Health Centre , Water Purifier across the campus , Hall for Yoga and Meditation,Subsidised and free Transportation beyond working hours, Subsidised rates in Canteen,Bicycles arranged to move in the Campus

6.4 – Financial Management and Resource Mobilization

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

Every year, internal audit will be conducted by the audit section of the college headed by an Officer. After thorough verification, audit section will submit their appraisals to the Principal for follow up action. College accounts will be audited by the qualified chartered accountants. No major audit objections are identified so far by the chartered auditors. The College accounts will maintain Cash Books, Ledgers for each of the account. Bills will be properly verified before every payment, and at the end of every month reconciliation is made and noted for future records. Bills will be preserved after they are passed by the internal audit for scrutiny by the Chartered Accountant for preparation of Income and Expenditure statement. During the last five years, we have been adopted the same mode of accounting satisfactorily. The audit reports of the last five years are given in a link separately. Further, every year at the end of the financial year, the College accounts are audited by Chartered Accounts Agency nominated by the College and the same are presented to Board of Governors for approval. A copy of the audited statement is also sent to AICTE along with the proposal for processing the application of the College for admitting the students for the next academic year. The Annual Audit Reports duly signed by the competent auditors will be submitted every year to the academic bodies at State and Central level, as may be required. These Reports provide an insight to the College management also with regard to its allocations. The budget proposals which are prepared before the commencement of new financial year are prepared depending upon the experience of the preceding year allocation, expenditure its shortfall or otherwise. The strength of students and statutory requirement of infrastructure are also considered. The revisions in pay scales to the staff are also a point for enhancement to the specific head in the ensuing financial year.

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
No Data Entered/Not Applicable !!!		
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6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

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	JNTUH	Yes	IQAC Cell
Administrative	Yes	JNTUH	Yes	IQAC Cell

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

<p>1. The counselling psychologists in VCE are trained professionals whose primary focus is to help and guide students who are experiencing mild personal, emotional, and social problems. 2. Educating parents and students on severe emotional disturbances and guiding them in Education, Absenteeism, Career, Life, Mental Health, Food Sleep Disorder, Substance Abuse like drugs, smoking and drinking etc, Anger Management with self others. 3. Depression with Insomnia, Exam Fear, Anxiety, Phobia, Family Grief Loss issues, Sexual Abuse, Suicidal issues along with Discipline etc.</p>
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6.5.3 – Development programmes for support staff (at least three)

<p>1. Provided training on Microsoft office ,Excel and Power point presentation. 2. Provided training on TALLY software for all administrative staff 3. Provided training on fundamentals of computers and networking</p>

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

No Data Entered/Not Applicable !!!

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
2018	Workshop on Curriculum Design and Development for Sustainable and Societal Development	11/05/2018	11/05/2018	11/05/2018	50

2018	Workshop on Teaching, Learning and Assessment methodologies for faculty	17/09/2018	17/09/2018	17/09/2018	47
2018	Awareness programme on Good Governance	08/10/2018	08/10/2018	08/10/2018	55
2018	Awareness programme on Environmental issues Plastic Free Zone	24/10/2018	24/10/2018	24/10/2018	44
2018	Workshop on Research Methodologies	18/12/2018	18/12/2018	18/12/2018	48
2019	A Seminar on Enhancing Quality In Academic Research	03/05/2019	03/05/2019	03/05/2019	46
2019	Awareness programme on Quality Enhancement through Innovations in Teaching Methodologies	25/05/2019	25/05/2019	25/05/2019	48
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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
Womens Day Celebrations	03/08/2019	03/08/2019	229	15
Entrepreneurship development session	11/02/2019	11/02/2019	43	82
Awareness on sexual harassment, health and hygiene for girls	02/09/2019	02/09/2019	236	46

Save Girl Child	15/01/2019	15/01/2019	130	98
Job opportunities in public and private sector	10/01/2019	10/01/2019	62	72
AIDS Awareness	01/12/2018	01/12/2018	101	134
Research and start-up opportunities for professional women.	01/12/2018	01/12/2018	115	12
Rashtriya Ekta Diwas	31/10/2018	31/10/2018	77	125
Cyber crime and social media awareness	10/10/2018	10/10/2018	91	65
Women in engineering affinity group	20/09/2018	20/09/2018	138	14

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
43.7

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Provision for lift	Yes	0
Ramp/Rails	Yes	0
Braille Software/facilities	Yes	0
Rest Rooms	Yes	0
Scribes for examination	Yes	0
Special skill development for differently abled students	Yes	0
Any other similar facility	Yes	0

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	2	15/02/201	1	Social	Awareness	300

			9		Awareness	program on sexual abuse , health and hygiene	
2018	1	3	12/12/2018	3	Social Awareness	Importance of voting	218
2018	1	1	27/07/2018	3	Cleanliness Awareness	Swatch Bharath	180
2019	1	1	05/04/2019	2	Nature Awareness	Saying bye to plastic	185
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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Anti Plagiarism Policy	16/05/2019	To Ensure Quality Thesis and publications from faculty and students
R18 Regulations M.Tech	20/07/2018	Disciplinary action for improper conduct in examinations is provided
R18 Regulations B.Tech	20/07/2018	Disciplinary action for improper conduct in examinations is provided.
Administrative Manual 2018	16/02/2018	BOG Approval.The Administrative Manual 2018 is revised version of Code of Conduct meant to employees working in the Institute, students discipline.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Enlightening Speech	22/03/2019	22/03/2019	200
Traditional Day	20/03/2019	20/03/2019	350
Motivational Lecture	10/08/2018	10/08/2018	400
Engineer's Day	15/09/2018	15/09/2018	540
UBA (Unnat Bharat Abhiyan) Central Govt. Initiative Activity: Village and House hold survey in Punnell village	10/09/2018	30/09/2018	100
UBA (Unnat Bharat	10/09/2018	30/09/2018	100

Abhiyan) Central Govt. Initiative Activity: Village and House hold survey in Chennaram village			
UBA (Unnat Bharat Abhiyan) Central Govt. Initiative Activity: Village and House hold survey in Lohitha village	10/09/2018	30/09/2018	100
UBA (Unnat Bharat Abhiyan) Central Govt. Initiative Activity: Village and House hold survey in Shapure village	10/09/2018	30/09/2018	100
UBA (Unnat Bharat Abhiyan) Central Govt. Initiative Activity: Village and House hold survey in Ramakrishnapuram village	10/09/2018	30/09/2018	25
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Solid waste management: Keeping in view the Swachh Bharat Mission the institute uses two bin system to segregate wet waste and dry waste separately which are properly placed throughout the campus. This waste is collected in regular intervals in order to avoid any environmental pollution. To make the students and faculty equally responsible in making the campus eco friendly "Clean and Green" program is taken up frequently. This waste management system involves a magnetic flux created with controlled oxygen presence which ensures the complete combustion of waste decomposing solid waste material into ash. During the process of decomposition every care is taken so that there is no odour, flies or leaching of contaminants because improper disposal of solid waste can create unsanitary conditions.

Liquid and E-Waste management: The different liquid wastes that can get generated in the campus include Sewage, Laboratory, hostel and canteen effluent waste. The College takes necessary care regarding the management of these liquid wastes and also the chemicals or other materials which may turn out to be hazardous in nature. All the Faculty supporting staff are sensitized about possible dangers that may occur due to mishandling or careless handling of chemicals. Any glassware used in the laboratory is rinsed with minimum water and placed in the liquid waste container. The organic waste yield of the college is treated with cow dung and urine for decomposition due to the action of micro-organisms. The rain water is diverted to rain water harvesting plants built nearby the buildings. E-waste management is ensured by taking care that no discarded computers or printers are lying idle in the office premises. Use of CDs is replaced by USBs wherever necessary to increase the capacity of RAM, and to produce less e-waste. E-waste collectors visit the campus for taking

over such debris, if any, available and destroy it in environment-friendly mode.

3. Solar Energy Generator: Save energy for a bright future must always be a important practice for any institute. In this aspect institute has installed a "Solar Plant" of 250 KWp on the roof top of B-Block, and is connected to grid. This will enable the institute to have 24x7 power supply. Institute will phase out the CFL and conventional light source such as bulbs and tube lights, halogen and mercury street/campus lights. These steps will not only save the money but make the institute self sustainable. Energy audit is also made frequently.

Rain water harvesting: The institute has a well structured rain water harvesting and sustainable water management which is the combined use and storage of surface and ground water. Reservoirs and deep bore wells are created to achieve more efficiency in water usage and alleviate ground water levels. A network of pipelines is arranged for each building to send the rain water to the underground sumps/water harvesting pits and supply of water to Laboratories and public places and also toilets. Institute has a water treatment plant is on the top of a building and the bore-well water will be purified there and this purified water is supplied to all the inmates of the campus viz., students, teachers, staff and employees round the clock. The used water is diverted in such a fashion that, the drained water sinks into the land without gathering at a place and avoids formation of mud and stink.

Green Practices: The Institute attempts to be a Green Campus by adopting various "Green Practices" as integral part of its campus life. ? Transport: The campus of the institute is partly residential and over 25 of the students avail the hostel facilities in campus. 10 live in the vicinity of the campus, 50 of the students avail of the bus facility exclusively provided by the institution. Exclusive transport facility is provided for staff also. College vehicles are frequently checked for pollution by the authorized agency. ? Walkways and Pedestrian Friendly Roads: The campus areas have been designed with the concept of open spaces including roads, foot-paths, and walkways. There are clear pedestrian friendly footpaths throughout the campus all roads are CC roads. A safe traffic system has been created by marking adequate parking facilities. ? Plantation: Institution and NSS students have done a lot of work to make the campus green through avenue plantation in the campus. Avenue Plantation wing of the College, protecting the environmental heritage of its campus, has planted about 500 saplings of all types including some medicinal plants and energy plantation on the campus. Five acres of land has been allocated for social forestry to plant different types of tree species to maintain the biodiversity. ? Paperless communication: Several initiatives have been implemented to significantly limit paper usage such as cashless transactions, issue notifications through SMS, Whatsup, e-mail and Website, etc. Different kinds of surveys, feedback from students, parents, leave forms, payrolls etc., all have been are made online, through Google forms/Google docs. All the Academic submissions of students are also made by the campus automation system and other interfaces submissions. The use of paper is curtailed to the possible extent.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice I: 1.Title of the Practice: "Students Motivation - Practical Exposure" 2.Objective of the practice: The goal of this practice is to impart practical exposure to students in upcoming technologies by conducting workshops, guest lectures and seminars by internal and external academicians /industrialists and through industrial visits. 3. Context: To enhance competence of the students, secure better placements and involve in national build up. 4.Practice: The students are expected to be strong in academics and

have good industrial exposure. They are encouraged to update their knowledge with latest developments in their respective disciplines and allied subjects. In addition to good academic record, the students need to develop leadership qualities and good communication skills and soft skills. In this aspect, eminent personalities from various reputed institutes and industries are invited to impart the practical exposure to the students through workshops, seminars, guest lectures, etc. Also, the students are motivated to share their ideas with the outside world by presenting their research work in National/International conferences. The students are monitored regularly by class review committees and conduct of remedial classes wherever necessary.

Regular tests/coaching classes for GATE and other competitive exams are conducted by the college. To gain industrial knowledge, the students are encouraged to visit the industries. 5.Evidence of Success: The College has taken up as a challenge the Students Motivation - Practical Exposure to enhance their capabilities to take up challenging tasks in securing jobs in reputed MNCs and corporate sectors, and fulfill their dreams in their lives. The following successes observed for the last four years due to students motivation and practical exposure: There is substantial increase in the organizations visiting the College for placement of students. There is increase in number of in-campus and off-campus placements for the last four years. There is increase in number of students getting good grades in GRE and TOFEL and securing admissions in M.S. in USA, UK, Australia and Singapore. There is increase in number of students securing good percentile in GATE and getting admissions into M.Tech. in reputed National Institutions such as IITs, NITs and Universities.

6.Problems Encountered and Resources Required: 1.Students must be provided training in English writing and communication skills. 2.Experts from industries and RD establishments are to be invited by the College to expose the students to the latest advancements in technology which are not taught in regular curriculum 1.Industrial visits have to be planned to expose the students to industrial environment and advances in technology. 2.Free coaching has to be provided by the College to prepare the students to come out successfully in GRE, TOFEL and GATE examinations more rigorously. 3.Additional resources are required to invite the experts to deliver lectures, industrial visits and providing coaching for GRE, TOFEL and GATE, etc., for which the College has to make provision with the approval of the BOGs. 7. Notes: In the interest of the college and for the benefit of the students, it is necessary to take up

Students Motivation - Practical Exposure in spite of additional financial burden on the College. Best Practice II: 1.Title of the Practice: Mentorship 2.

Objectives of the practice: The objectives of the practice followed by the Institute are: Improvement of teacher-student relationship Counseling students and interaction with them for problem solving Students for improvement in the global economy and quality of life of the students and public in the society.

Keeping informed the parents about the attendance and performance of their wards from time to time. Guiding students to choose right career path for job, higher studies, Entrepreneurship, etc. 3. The context: To motivate the students and develop confidence to take up challenging tasks in their lives and help the society in national built up. Since the majority of the students are not matured enough to take their own decision in the vast changing scenario of technology and their family and educational background , the mentorship activity of the institute guides and counsel the students in academic, non-academic matters including personal domain to achieve their best in life. In particular, the scheme aims at addressing deficiencies in attitudes, habits, and knowledge of the students regarding study and learning. For each 15 students, one teacher-mentor is allotted. A register to record the communication with the parents is placed. Many other supporting methods have been introduced for better coordination of lectures, tutorials and practical classes. Advanced tutorials are arranged by the mentors in association with the respective subject teachers and experts focusing problem-based learning of

modern technology. Towards the end of semester, students work collaboratively on assignments in small groups in their practical classes. 5. Evidence of success: The confidence of the students is thus increased due to the mentoring, expertise training and measures taken by the college. There is recognition and appreciation by the students and they are actively participating in all the programs. As the outcome, discernible positive change has been observed in them. Internal Quality Assurance Cell (IQAC) play a key role mentoring activities. 6. Problems Encountered and Resources Required: Teachers role is very important in mentoring the students. The teachers are to be trained first by the experts and their role should be clearly explained. The mentors should advice the students not only in their academic problems and in additional non-academic issues such as psychological problems, financial problems ,difficulty in understanding certain subjects, absenteeism in classes etc. The College has to arrange proper rooms for mentoring students during off-periods. Provide class rooms and audio video facility along with teachers to teach subjects for slow learners which may involve additional expenditure to the College. 7. Notes: In spite of some difficulties faced by the teachers and College as mentioned above, the mentoring of students must be made compulsory in all educational institutions in the interest of students community.

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

<http://www.vaagdevi.edu.in>

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

The distinctiveness of Vaagdevi College of Engineering lies primarily in creating, for its faculty and students, an ambience that provides a 'holding environment' - a psychological space that is both safe and comfortable. 'Safe' because a 'holding environment' is what we all need to grow and blossom, a supportive environment. 'Comfortable' because in such an environment one also promotes 'disruptive creativity'. Such an environment is the natural result of the following strengths of the institute community: 1.Adherence to its foundational concepts that have laid out the trajectory of its growth plan. 2.Outstanding Human Resource Management system to ensure 'a shared vision, a cohesive team and an engaging work culture'. 3.Meticulously planned and implemented personal and professional development programmes for its faculty and students. 4.Well-oiled governance structure and administrative mechanisms to ensure speedy implementation of all developmental plans. 5.Relentless efforts to attain the best possible balance between growth and sustainability. 6.Manifest commitment to be responsible stewards of the extraordinary campus.

It is blessed with a meticulous devotion to ensure biodiversity, eco-consciousness and reverence for the gifts of nature. Taken together, these strengths have contributed in ample measure towards the creation of a culture in the College that is uniquely our own, that energizes us in all that we do, and knits us together into one educative community. Look around our campus, look into our classrooms and research labs, and look into the camaraderie among our staff, students and faculty that cuts across all distinctions here at the college campus. The Vision of our Institution is as follows: Vision of the Institution Striving continuously for global recognition through academic excellence in higher education for the betterment of society. And, our endeavours have been over the years are in tune with our Vision: Being an autonomous college we have been striving to update our Syllabus frequently being hand in hand with the University and the government's major objectives and policies on the one hand and, the industry needs, employability on the other hand. Our view shall be to provide novel and trending subjects into the

day to day teaching-learning activities to enhance the knowledge and skill of the students which will cater to them with the latest and on-going technical knowhow. We have also been inviting industrial technocrats, and experienced professionals, teachers to deliver lectures sharing their views, problems faced at ground level, and managerial expertise, etc., which will boost the students morale, and inculcate their zeal and understanding of the problems. Alumni meetings and interactions - formal and informal - are also organized to involve the students with their seniors and professionals occupying high positions in the industry, administration and so on, to fillip their confidence. It has been our endeavour to create a healthy educational environment in the campus with teaching both theory and practical, and engage the students and teachers in conduct of conferences, seminars, workshops, in the College and encourage the faculty members to participate such meetings organized by other prestigious educational institutions outside Warangal.

Provide the weblink of the institution

<http://www.vaagdevi.edu.in>

8.Future Plans of Actions for Next Academic Year

- Planning to increase MOUs with premier institutions and industries
- Planning to increase green initiatives for becoming eco-friendly campus
- Planning to increase research publications in SCOPUS/WOS indexing
- Planning to establish research laboratories in each department
- Planning to generate revenue through consultancy and thereby strengthening the consultancy facilities
- Planning to apply for more funding projects through various schemes such as AICTE, DST-SERB etc.
- Planning to strengthen the curriculum according to the industrial and societal needs.
- Planning to apply funding for IQAC activities.