



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>	USHA RAMA COLLEGE OF ENGINEERING AND TECHNOLOGY
Name of the head of the Institution	Dr G V K S V Prasad
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08662527567
Mobile no.	9177712255
Registered Email	principal@usharama.in
Alternate Email	director@usharama.in
Address	Usharama College of Engineering & Technology NH-16, Telaprolu, Ungutur Mandal, Near Gannavaram, Krishna District, AP - 521109.
City/Town	Vijayawada
State/UT	Andhra Pradesh

Pincode	521109																		
<b>2. Institutional Status</b>																			
Affiliated / Constituent	Affiliated																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	Self financed																		
Name of the IQAC co-ordinator/Director	Dr A Madana Mohana Rao																		
Phone no/Alternate Phone no.	08662527557																		
Mobile no.	9177412255																		
Registered Email	viceprincipal@usharama.in																		
Alternate Email	arimadanamohanarao@gmail.com																		
<b>3. Website Address</b>																			
Web-link of the AQAR: (Previous Academic Year)	<a href="http://www.usharama.edu.in/documents/naac/aqar-2017-18.pdf">http://www.usharama.edu.in/documents/naac/aqar-2017-18.pdf</a>																		
<b>4. Whether Academic Calendar prepared during the year</b>	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="http://www.usharama.edu.in/documents/academic-calendars/btech/btech-1-2018-r16.pdf">http://www.usharama.edu.in/documents/academic-calendars/btech/btech-1-2018-r16.pdf</a>																		
<b>5. Accrediation Details</b>																			
<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>3.04</td> <td>2016</td> <td>11-Jul-2016</td> <td>10-Jul-2021</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.04	2016	11-Jul-2016	10-Jul-2021
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	A	3.04	2016	11-Jul-2016	10-Jul-2021														
<b>6. Date of Establishment of IQAC</b>			09-Nov-2015																
<b>7. Internal Quality Assurance System</b>																			

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
FDP ON WIRELESS AND COMMUNICATION SYSTEMS	03-Dec-2018 5	8
A FIVE DAYS WINTER FACULTY DEVELOPMENT PROGRAM ON ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	17-Dec-2018 5	35
A THREE DAY WORKSHOP ON BUILD BOX	20-Dec-2018 3	75
RAPID MOBILE APPLICATION DEVELOPMENT	18-Dec-2018 3	39
INTERNATIONAL SEMINAR ON REAL TIME STORAGE ARCHITECTURE AND ITS APPLICATIONS	25-Jan-2019 1	136
No Files Uploaded !!!		

**8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
<a href="#">View File</a>				

**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 :**

4

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

Yes

Upload the minutes of meeting and action taken report

[View File](#)

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

No

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

The IQAC ensures that the college maintains a consistent good academic record. The IQAC monitors teaching and student performance for proper improvement of academic standards. Feedback is regularly taken to facilitate the process. The IQAC offers suggestions for development of intellectual property, language skills, the teaching learning process and infrastructure and in many other fields related to the college. • The IQAC ensures a regular attendance of students and teachers round the year. The IQAC inspects and tries to improve the maintenance of college infrastructure. The IQAC ensures that students grasp over all areas of curriculum through periodical assessments. • The teachers are encouraged to participate in Research, Seminars, Workshop and FDP etc. for the upgradation of knowledge base. The IQAC regulates the processing of career advancement scheme of the teachers. All teachers are encouraged to take part actively in research work. They are encouraged to send proposals for major and minor research projects of UGC, DIST etc. • Departments are encouraged to regularly hold Tutorial and special classes to address the specific needs of students. The IQAC regulates the arrangements for holding seminars, workshops etc. by individual departments to upgrade the knowledge base of the students.

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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
The college laid emphasis on the development of sports and cultural activities. Students were encouraged to take part in inter-college and interuniversity sports programmes. They were also encouraged to take part actively in sports events organised by the state government.	The college organized a Cultural programme in which participating students were awarded prizes and certificates. The Annual sports were held with the active help of the Physical Education department. Many students also participated and won medals in sports tournaments outside the college
As is the practice of the college, all teachers were encouraged to take part in Workshops and Faculty Development Programs	Teachers' of almost all departments attended seminars,webinars,workshops and FDPs.
All departments are encouraged to organize seminars, workshops and special lectures to improve the academic atmosphere.	Various departments organized technical activities like quiz, coding, project expo, debugging of code, paper presentation, poster presentation hackathons, cultural activities and sports activities.
Attempts were made to provide a cleaner, healthier and more beautiful environment in the college premises	Lawns are laid provided with lighting. Deweeding and grass trimming has been done. Planting of new trees has made the campus ecofriendly. The campus declared plastic free.
Better facilities to be provided to residents of Boys' and Girls' Hostels located in college premises.	Hostels are extensively repaired and revamped.Better quality meals are provided to the students. Hostels are provided with facilities like mosquito

nets, purified water,TV Hall.Canteens are furnished with TV and Air Conditioning

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body

Meeting Date

Autonomous UGC Committee

23-May-2019

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

Yes

Date of Visit

23-May-2019

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2018

Date of Submission

30-Sep-2018

17. Does the Institution have Management Information System ?

Yes

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

Student Information System,Result Analysis System,Student Feedback,online grievance and readdressal mechanism

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Planning and Implementation

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

URCET is affiliated to Jawaharlal Nehru Technological University, Kakinada, Andhra Pradesh. Institute follow the curriculum as prescribed by the JNT University, Kakinada. The academic calendar provided by the University is followed. The academic and other activities are planned for the semester and a calendar of events is prepared by the institute also. At the beginning of the semester the faculty members prepare the lesson plan for their respective subjects. As per the scheduled dates of academic calendar, internal/ end semester examinations for students are conducted in each semester. Remedial classes are conducted for different subjects to the academic weaker category of students. In addition to the lesson plan, lab manuals are prepared for each subject by the faculty and distributed to the students for the laboratory subjects. Industrial visits are arranged to bridge the gap between theoretical knowledge and real life scenario. Vijayawada is well known for automotive and

power generation industries. Department of Mechanical Engineering and Electrical Engineering arrange visit to these industries so that the students are exposed to the real world of manufacturing and energy production. The final year projects are supported by the industries .Special lectures are conducted by inviting distinguished personality form eminent Universities/Institutes and Industries. Every department has defined its specific Vision and Mission in tune with the institution Vision and Mission.

### 1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
IBM	Enterprise application development and deployment on Cloud using IBM Blue Mix	05/09/2018	4	Employability	yes
IBM	Advanced Database Concepts DB2	14/09/2018	10	Employability	yes
IBM	Learning Business Intelligence using IBM Cognos and Foundation Course in Business Analytics using Cognos Insights	17/09/2018	4	Employability	yes

## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
<b>No Data Entered/Not Applicable !!!</b>		

### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
<b>No Data Entered/Not Applicable !!!</b>		

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

	Certificate	Diploma Course
Number of Students	250	0

## 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
Enterprise application development and deployment on Cloud using IBM Blue Mix	05/09/2018	50
Advanced Database Concepts DB2	14/09/2018	100
Learning Business Intelligence using IBM Cognos and Foundation Course in Business Analytics using Cognos Insights	17/09/2018	100

### 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	13
BTech	MECHANICAL	6
BTech	ECE	12
BTech	CSE	19
BTech	EEE	11

## 1.4 – Feedback System

### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>The institution collects the feedback regarding curriculum from alumni, students, employers, industries and R and D organization etc. Institution offers programs on soft skills, technical skills, paper presentation, project, technical quiz and organize seminars on advanced topics in technology and engineering. • The training and placement officer of the institution regularly interacts with the HR managers of the companies and obtain their opinion about syllabus and the need to change it to match into their requirements. The TPO collects the updated information about the recent market trends and corporate expectation so that students can be prepared according to the need. • Keeping these demands in mind, Personality development classes are also arranged for the students of our institution to improve their personality, presentation and communication skills to make up the deficiencies in the students to make them employable. To make the student employable our institute arranges special classes for the final year students so as to improve their technical and</p>

aptitude skills.

## 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
Mtech		96	39	39
BTech		660	424	424

### 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	1880	67	140	15	155

### 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
155	50	15	2	45	3

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

The personal data of students is maintained by the individual student counselors. Each counselor is put in charge of 20 students to monitor, shape and advise them to ensure their overall comprehensive growth and achievements. The institute analyzes the internal evaluation carried out by the faculty and the university results for different programs. Slow learners and students with low marks are given extra coaching after the normal working hours. The institute has a system of identifying academic weak students, counselling and mentoring them. The institute organizes special lectures for the slow learners after the regular class work is over. Teacher prepares specially designed notes for slow learners to understand the subject easily. Slow learners are grouped together in a batch of 15 to 20 students and mentoring is done by the teacher. Teacher in the special classes makes the student to answer one or two questions and few problems.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1947	155	1:13

### 2.4 – Teacher Profile and Quality

#### 2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
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12	12	0	12	3
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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
2018	Dr SM Roy Choudri	Professor	Best Excellence Research Award by Global Research Academy
2018	Dr KPNV Satya Sree	Professor	Best Excellence Research Award by Global Research Academy
2018	Dr K Rajasekhara Rao	Director	AP Science Academy Fellowship
2018	Dr K Rajasekhara Rao	Director	CSI Vijayawada

## 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
Mtech	M.Tech	II/I	22/04/2019	31/05/2019
BTech	B.Tech	IV	22/04/2019	25/05/2019

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The Institute will have a continuous evaluation system that is currently in practice. Internal assessments will be conducted twice a semester as follows: ? Internal Assessment Test will be conducted TWICE a Semester each for 30 (Thirty) Marks ? 80 percentage of the best of two internal examinations and 20 percentage of the other internal examination will be taken into consideration for calculating the Internal Assessment Marks out of 30 (Thirty) ? Each internal assessment for 30 marks will be divided into three categories of examination ? Computer based Online Quiz for 10 marks ? Written Examination for 15 marks ? Assignments for 5 marks ? The internal marks and attendance details are communicated to their parents during the counseling sessions by the staff counselors. Slow learners are identified and special remedial classes are arranged to strengthen them by the respective subject teachers. ? After evaluation of the assignments/tests etc. the performance of students is discussed in the classes, results are displayed on the notice board, students are individually counseled. While evaluating students for internal assessment, transparency will be maintained. Due importance will be given for their behavioral attributes, independent learning and communication skills. End semester examinations will be conducted for 70 marks. The pattern of examinations will be as follows: ? This Examination will be called as "End

semester External Examination" ? This examination will be for a total of 70 marks of 3 hrs duration. ? This examination is written. ? Practical examination in any subject will be conducted for a maximum of 75 marks of which 25 marks are for internal assesment and 50 for external practical examination. ? External Practical examination will be held together by the internal examiner and one external examiner appointed by the JNTUK ? External and internal examiners will evaluate the final year project work. ? If the student wants, there is a provision for recounting, reevaluation and challenge reevaluation. ? Credits are given for each subject ? Result analysis is done for each semester. This helps to plan strategies to improve the pass percentage.

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

Academic calendar of the college is prepared in accordance with the affiliated University JNTUK. In the beginning of the academic session the academic calendar is uploaded on college website and displayed on notice boards and at strategic locations. The Schedule of all Examinations is given in academic calendar.? The subject teachers announce the syllabus and display question bank for MID-I , MID-II, Assignment-I and Assignment- II in class room notice boards .The slots of the MID I and MID III examinations are mentioned in the academic calendar. Examination schedule of these exams is announced and displayed.

## 2.6 – Student Performance and Learning Outcomes

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

<https://usharama.edu.in/syllabus>

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
M.Tech	Mtech	COMPUTER SCIENCE and ENGG	5	1	20.0
M.Tech	Mtech	MACHINE DESIGN	4	2	50.0
M.Tech	Mtech	VLSI and EMBEDDED SYSTEM	10	8	80.0
M.Tech	Mtech	STRUCTURAL ENGINEERING	21	7	33.33
B.Tech	BTech		543	362	66.67

## 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://docs.google.com/forms/d/e/1FAIpQLSc5-ve0CwV67VLizbjThhaMEJuxoppFFBX2ipa2UXAmWPxygg/viewform>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
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**No Data Entered/Not Applicable !!!**

### 3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
A threeday workshop on Application of QGIS for Geospatial analysis	CIVIL ENGINEERING	26/07/2018
Advanced PYTHON Programming	COMPUTER SCIENCE AND ENGINEERING	28/08/2018
A Three Day Workshop on Build Box	COMPUTER SCIENCE AND ENGINEERING	20/12/2018
Digital Manufacturing	MECHANICAL ENGINEERING	31/08/2018
Recent Trends in Manufacturing	MECHANICAL ENGINEERING	31/08/2018
Scope Opportunities for Mechanical Engineer in the present scenario	MECHANICAL ENGINEERING	18/03/2019
WORKSHOP ON ROBOVERSITY	ELECTRONICS AND COMMUNICATIONS ENGINEERING	19/07/2018
WORKSHOP ON EMTL	ELECTRONICS AND COMMUNICATIONS ENGINEERING	17/01/2019
WORKSHOP ON AMAZON WEB SERVICECS	INFORMATION TECHNOLOGY	01/02/2019
WORKSHOP ON RAPID MOBILE APPLICATION DEVELOPMENT	INFORMATION TECHNOLOGY	12/02/2019
WORKSHOP ON Emerging Trends in Power System Deregulation and Renewable Energy Control	ELECTRICAL AND ELECTRONICS ENGINEERING	28/06/2018
WORKSHOP ON SCILAB	RICAL AND ELECTRONICS ENGINEERING	06/12/2018

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
AP SCIENCE ACADEMY FELLOWSHIP	DR.K.RAJASEKAR RAO	AP SCIENCE ACADEMY	09/11/2018	Research
Best Research Excellence	Dr KPNV Satya Sree	Global Research Academy	11/11/2018	Research

Best Research Excellence	Dr SM Roy Choudri	Global Research Academy	11/11/2018	Research
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
<b>No Data Entered/Not Applicable !!!</b>					

### 3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
<b>No Data Entered/Not Applicable !!!</b>		

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

Name of the Department	Number of PhD's Awarded
Science and Humanities	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	CIVIL	1	4.62
International	CIVIL	11	2.57
International	MECHANICAL	5	0.2
International	ELECTRONICS AND COMMUNICATIONS ENGINEERING	25	2.5
National	SCIENCE AND HUMANITIES	2	2.14
International	SCIENCE AND HUMANITIES	2	2.14
International	EEE	2	4.71
International	CSE	16	2.1

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

Department	Number of Publication
<b>No Data Entered/Not Applicable !!!</b>	

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
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IoT Security Architecture for Smart Environments	B S VARA PRASAD	Proceedings of the Intl' on Contemporary Engineering	2018	0	URCET	0
A Robust Multi-level Authentication based on Biometrics for cloud security	DR K RAJAS EKHARA RAO	JARDCS	2019	0	URCET	0
Water resources development and management in sub-basin using spatial technologies- A case study	K.V.SIVAKUMAR BABU	IJRTE	2019	0	URCET	0
Influence Of Booster Chlorination On Balance In Quality Of Water Distribution Networks	Dr.G.V.K.S .V.Prasad	IRCE	2019	0	URCET	0
Study of Booster Chlorination in Intermittent Water Distribution Networks	Dr.G.V.K.S .V.Prasad	IJCIET	2018	0	URCET	0
Novel Approach for Prediction of Future Environmental Impacts of Urban Growth	Dr.K.Sundara Kumar	IJCIET	2018	0	URCET	1
HAp/TiO2 nanocomposi	V. Ajay Kuma	IJCM	2018	0.2	URCET	20

tes: Influence ofTiO2 on microstruc ture and m echanicalp roperties						
Load Balancing of Feeder Using Fuzzy and Optimizati on Technique	B. Phani Ranga Raja	IJEET	2018	0	IAEME	0
A Novel In formation Integrated Flow Model to Control Composite Services in SOA based Dist ributed En vironment	DR K RAJAS EKHARA RAO	JARDCS	2018	0	URCET	0
Constructi ng a System for Analysis of Machine Learning Techniques for Early Detection of Thyroid	DR K RAJAS EKHARA RAO	IJEAT	2019	0	URCET	0

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
<b>No Data Entered/Not Applicable !!!</b>						

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Semina rs/Workshops	5	30	10	10
Resource persons	1	0	0	2

### 3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
blood donation	Red Cross Vijayawada	25	84
eye camp	ophthalmologist from Sankar group of eye care, Vijayawada	5	230
yoga day	URCET	10	200

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
MEGA competition	Third Prize	Robo Kart	1

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
NSS	MRO, UNGUTURU	Women Voter Awareness Walk	30	300
NSS	ITC	SEMINAR ON WASTE METERIAL	10	500
NSS	URCET	Swachata Pakwada	5	50
NSS	KRISHNA DT POLICE	Awareness of Traffic Rules	15	500
NSS	MRO, UNGUTURU	Awareness Program on SVEEP	12	1000

### 3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
<b>No Data Entered/Not Applicable !!!</b>			

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the	Name of the	Duration From	Duration To	Participant
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	linkage	partnering institution/ industry /research lab with contact details			
Skill Development	On-the job training	APSSDC CoE-VREC Vijayawada	01/06/2018	30/04/2019	students
Technical Skills	Research and Innovation for Existing Industries	APSSDC , Vijayawada	01/06/2018	30/04/2019	students
Training Programs	Industry Oriented Training	ORL Industries , Hyderabad , Telangana	01/06/2018	30/04/2019	students
Academics / Research and Development	Academic and Research Cooperation	EICT Academy MNIT - Jaipur , Rajasthan	01/06/2018	31/12/2019	students
Continuing Education Programme	Summer Faculty Research Fellow Programme	Indian Institute of Technology, Delhi	14/05/2019	20/06/2019	L Surendra
Project Work	Thermochemical Vapour deposition	Vigneswara Body building works, Autonagar, Vijayawada	10/12/2018	20/12/2018	M.Puroshotham reddy
Project Work	Mechanical Testing	IIIT Nuzivedu	08/10/2018	20/10/2018	B. Suresh Babu
Project work	Performance Test of C.I Engine	V.R. Siddartha Engineering College, Vijayawada.	01/11/2018	10/11/2018	K.Naga Babu
Project work	Friction Stir Processing	CITD, Vijayawada	08/10/2018	20/10/2018	S. Appala Naidu
Practical Knowledge Development	Industry	Industry 132KV substation Kanumolu Hanuman Junction Krishna Dt.	01/06/2018	30/04/2019	students

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year



Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
kaya consulting Services PVT Ltd	10/12/2018	to promote smart cities	6

## 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
36000000	36338879

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
Classrooms with Wi-Fi OR LAN	Newly Added
Others	Newly Added

### 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
ECAP	Fully	v1.0.1	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	217042	4118509	187	21197	217229	4139706
Journals	47	44669	0	0	47	44669
e-Journals	131	13570	0	0	131	13570

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
<b>No Data Entered/Not Applicable !!!</b>			

### 4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Co	Computer	Internet	Browsing	Computer	Office	Departme	Available	Others
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	computers	Lab		centers	Centers		nts	Bandwidth (MBPS/GBPS)	
Existing	483	439	0	9	0	20	15	80	0
Added	0	0	0	0	0	0	0	0	0
Total	483	439	0	9	0	20	15	80	0

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

80 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
<b>No Data Entered/Not Applicable !!!</b>	

#### 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
6000000	6069853	10500000	10100616

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

<p><b>Library:</b> College has a central library with a very rich collection of text books, reference books and journals. In addition to this each department maintains a separate library of its own. Students are allowed to borrow books from both these libraries. The Library provides services to the students from 8:00 AM to 6:00 PM and are extended duties during examinations. class rooms : There are 47 class rooms and having projectors. <b>Laboratory:</b> There are 54 laboratories connected to the all departments. •<b>Sports Facilities:</b> Outdoor Games: Courts for cricket, Volleyball, Basketball, Tennis, Throw ball, Tennicoit, Kho-Kho. •<b>In-door Games :</b> Table Tennis, Caroms, Chess, Gymnasium. Automatic bowling Machine and Cricket Net practice. <b>Computer facilities :</b> 483 computers spread over various labs and all the computers are in LAN and internet facility with a Bandwidth of 80MBPS which include Wi-fi facility in all corners of the campus. <b>Electricity :</b> A combined 375 KVA capacity generators provides power back-up facility for the college and hostels. The institute has the facility of 200KW roof top Grid connected Solar Power Plant augmenting an exclusive 33/11 KV substation.</p> <p style="text-align: center;"><a href="http://www.usharama.edu.in">www.usharama.edu.in</a></p>
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### 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
<b>No Data Entered/Not Applicable !!!</b>			

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

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
ENGLISH SKILLS	21/01/2019	50	BRITISH COUNCIL
ELECTRICAL AND ENERGY EFFICIENCY	10/12/2018	27	APSSDC COE
PLC AUTOMATION	10/12/2018	55	APSSDC COE
CNC PROGRAMMING	10/12/2018	42	APSSDC COE
ROBOTIC PROGRAMMING	10/12/2018	36	APSSDC COE
SPOKEN TUTORIAL	07/01/2019	61	IIT BOMBAY
ENGLISH SKILLS	19/11/2018	84	BRITISH COUNCIL
SCILAB	01/01/2019	18	IITBOMBAY
GAMIFICATION WITH AR VR BUILD BOX	20/12/2018	37	APSSDC COE
IOT COURSE ERA	06/12/2018	47	APSSDC COE

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	Campus Recruitment Training	256	150	150	150

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
<b>No Data Entered/Not Applicable !!!</b>		

## 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
SNOVASIS, ETHNUS, PRYCE INFO TECH, ENTH SQUARE, ABC, ADWIT ALGORITHM, G	250	230	ZEN TECHNOLOGIES, GLOBAL LOGICS, WIPRO, TCS, CTS (COGNIZANT),	150	36

LENWOOD ,NORTON GASKETS PVT LTD, UNITED INDUSTRIES PLASTIC PVT. LTD. ,TECH MAHINDRA ,			MINDTREE, SYNTEL, TECH MAHINDRA, MU SIGMA (OFF)	
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	2	B.Tech	CSE	CANADA	MS
2018	1	B.Tech	CSE	ST.XAVIER BUSINESS MANAGEMENT S CHOOOL ( CHENNA I )	MBA
2018	1	B.Tech	IT	JNTUK	M.Tech
2018	1	B.Tech	CSE	V R SIDDARTHA ENGINEERING COLLEGE - VIJAYAWADA	M.Tech
2018	1	B.Tech	CSE	VIGNAN' SINSI TITUTE OF INFORMATION AND TECHNOLOGY (ANDHRA UNIVERSITY)	M.Tech
2018	1	B.Tech	CSE	USHA RAMA COLLEGE OF ENGINEERING AND TECHNOLOGY (JNTUK)	M.Tech
2018	1	B.Tech	CSE	A1 GLOBAL ENGINEERING COLLEGE (JNTUK)	M.Tech
2018	1	B.Tech	CSE	SRI VANI ENGINEERING COLLEGE (JNTUK)	M.Tech
2018	1	B.Tech	CSE	COLLEGE OF FASHION TECHNOLOGY (VIJAYAWADA)	Fashion Technology
2018	1	B.Tech	ECE	Wilmington University 320 N.	MS

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
NET	2
SET	1
GRE	3
TOFEL	1
GATE	1

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

Activity	Level	Number of Participants
Technical Fest	National	2350
Cultural Fest	National	500

### 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	DOUBLE WICKET CRICKET	National	1	0	15NG1A1229	K Tarun

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

Every Class has a Boy Class Representative (CR) and girl Class Representative (CR) and help the class in passing of important information or sharing class material (if any). Every department has a student technical association which will meet fortnightly and the activities are planned and conducted by students only. The activities are like conducting technical quiz, presentation by a student on a recent technological advancements or technical seminar on a recent technology. The college has various student clubs like cultural , sports, entrepreneur , programming, sports and photography. The clubs plan and conduct activities on monthly basis. The 'National Service Scheme'- NSS is an integral part of every under graduate institution. It aims to inculcate the larger goal of servicing the nation among the students. The NSS unit has been regularly conducting various activities like Blood Donation, Eye Camp, Tree Plantation.

### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

5.4.2 – No. of enrolled Alumni:

No Data Entered/Not Applicable !!!

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

No Data Entered/Not Applicable !!!

5.4.4 – Meetings/activities organized by Alumni Association :

No Data Entered/Not Applicable !!!

## 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)

1. Principal level The Governing Body delegates all the academic and operational decisions based on policy to the various monitoring committees headed by the Principal in order to fulfil the vision and mission of the institute. 2. Faculty level Faculty members are given representation in various committees/cells and allowed to conduct various programs to showcase their abilities. They are encouraged to develop leadership skills by being in charge of various academic, co curricular and extracurricular activities. They are given authority to conduct seminars/workshops/ conferences/conferences/FDP. 3. Student level Students are empowered to play an active role as coordinator of co curricular and extracurricular activities social service group coordinator.

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
Teaching and Learning	Modern teaching methods like ICT are being used and faculty members are encouraged in that direction. Each class room is equipped with Projector.
Curriculum Development	Follows largely the university curriculum and as a value addition certification courses from industry giants like IBM are introduced
Industry Interaction / Collaboration	Industrial Visit and Academic Projects.
Examination and Evaluation	follows the university model largely
Research and Development	Faculty members are encouraged to involve in research and paper publications. Management provides special leaves to the faculty .
Library, ICT and Physical Infrastructure / Instrumentation	The students are encouraged to use library and other facilities to enrich themselves. The library works from 8:00 AM to 6:00 PM.The college provides adequate sports facilities with a multi-station gym and courts for volleyball,

	basketball with flood lights, cricket practice net with automatic bowling machine, table tennis, ball badminton and enough play-field for cricket. The institute has automatic bowling machine for the cricket loving students
Human Resource Management	The promotions are offered to the eligible and deserving staff. To improve professional capabilities the staff members are encouraged to attend seminars, webinars, personality development training, workshops and FDP.

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

E-governance area	Details
Finance and Accounts	The college uses the e-CAP software for E-governance for transparent functioning of Finance and Accounts department of the college. This helps to increase the efficiency of staff towards the accuracy in financial transactions. The college conducts regular audit of annual books of accounts. The administrative office keeps the all financial records separately as per the events and transactions made for. The administrative office maintains the Books of Accounts properly which helps in auditing procedure. The same software is used to generate various reports like Consolidated Day Book General Day Book Daily Cash Collection report.
Student Admission and Support	Help Desk is provided in the campus to provide information related to the admissions. College has extended helping counter for the students which provides them several services as such Admission form Filling, Examination form filling as well as Scholarship Form filling at various places.
Examination	The College has the separate Examination department with equipped ITC tools necessary for examination purpose. As per the requirement of Examination department all the necessary equipment are provided by the college such as Separate Desktop and Internet Facility for online procedure of Paper Downloading and further activities for exam purpose. The examination department has the separate Machine for printing the question papers downloaded from university

portal. Student examination results are available in e-cap software. Student can check their overall performance through online using e-cap software.

**Administration**

The Administration of the College functions with E-governance system at College level. Even though the college is established in rural area still the college tries their best to keep in touch with latest tools of administration with available tools in hand. With the help of developed technological world college staff uses the same for administration purpose such as use of Smartphone with inbuilt social app like Gmail and WhatsApp. They share the notes to students with the help of gmail, WhatsApp and Microsoft Email. It helps to provide the brief notice of any event to be happened on college WhatsApp Group for awareness and of smooth functioning of the same. The college have Biometric attendance for teaching and non-teaching staff. The college campus is equipped with CCTV Cameras at very place of need.

**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
<b>No Data Entered/Not Applicable !!!</b>				

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	FDP ON WIRELESS AND COMMUNICATION SYSTEMS	MNIT, JAIPUR	03/12/2018	07/12/2018	8	0
2018	A FIVE DAYS WINTER	MNIT, JAIPUR	17/12/2018	21/12/2018	33	2



FACULTY DEVELOPMENT PROGRAM ON ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

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
MODERN PEDAGOGICAL TECHNIQUES AND CREATIVE PROBLEM SOLVING	5	15/04/2019	17/04/2019	2
VLSI DESIGN AND TECHNOLOGIES	3	28/01/2019	02/02/2019	5
FORENSICS IN GEOTECHNICAL ENGINEERING	3	15/11/2018	17/11/2018	3
DATA SCIENCES	2	12/11/2018	16/11/2018	4
RESEARCH METHODOLOGY, DESIGN AND ANALYSIS OF EXPERIMENTS	4	12/11/2018	17/11/2018	5
WORKSHOP ON QUALITY CONTROL ASPECTS	3	01/12/2018	08/12/2018	7

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
12	12	20	20

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
PF, Group Insurance, Maternity Leave, Subsidized Travel,	PF, Group Insurance, Maternity Leave, Subsidized Travel	Group Insurance, Meritorious Scholarship

## 6.4 – Financial Management and Resource Mobilization

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

The Institution has established a mechanism for conducting internal and external audits on the financial transactions every year to ensure financial

compliance. Internal audit is conducted half yearly by the internal financial committee of the institution. The committee thoroughly verifies the income and expenditure details and the compliance report. External audit is conducted once in every year by an external agency. The mechanisms used to monitor effective and efficient use of financial resources are as below: ? Before the commencement of every financial year, principal submits a proposal on budget allocation, by considering the recommendations made by the heads of all the departments, to the management. ? College budget includes recurring expenses such as salary, electricity, internet charges, maintenance cost, stationery, other consumable charges etc., and non - recurring expenses like lab equipment purchases, furniture and other development expenses. ? The expenses will be monitored by the accounts department as per the budget allocated by the management. ? The depreciation costs of various things purchased in the preceding years are also worked out. Process of the internal audit: All vouchers are audited by an internal financial committee on half yearly basis. The expenses incurred under different heads are thoroughly checked by verifying the bills and vouchers. Process of the external audit: The accounts of the college are audited by chartered accountant regularly as per the government rules. The auditor ensures that all payments are duly authorized after the audit, the report is sent to the management for review. Any queries, in the process of audit would be attended immediately along with the supporting documents within the prescribed time limits. The institution did not come across with any major audit objection during the preceding years.

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
<b>No Data Entered/Not Applicable !!!</b>		

6.4.3 – Total corpus fund generated

<b>No Data Entered/Not Applicable !!!</b>
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## 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	ISO and University	Yes	IQAC
Administrative	Yes	ISO and University	Yes	IQAC

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

1. Regularly parent -teacher meet will be conducted to discuss about the educational progress of the students 2. Providing valuable suggestion for development of the institution pointing out the weaknesses of the college related Departments and suggesting rectification.
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6.5.3 – Development programmes for support staff (at least three)

1.Computer Training 2.Refresher and orientation training by the senior faculty 3.Soft skill training
--

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

1. Teachers are encouraged to engaged them selves in various research oriented activities. 2. initiative has been taken to become an Autonomous 3. whole administrative process has been Computerized. 4. initiative has been taken to become NBA Accredited

#### 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	No

#### 6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	FDP ON WIRELESS AND COMMUNICATION SYSTEMS	15/11/2018	03/12/2018	07/12/2019	8
2018	A FIVE DAYS WINTER FACULTY DEVELOPMENT PROGRAM ON ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	17/12/2018	17/12/2018	21/12/2018	5
2019	INTERNATIONAL SEMINAR ON REAL TIME STORAGE ARCHITECTURE AND ITS APPLICATIONS	25/01/2019	25/01/2019	25/01/2019	136

### 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	08/03/2019	08/03/2019	500	0

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
40

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
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Physical facilities	Yes	2
Provision for lift	Yes	20
Ramp/Rails	Yes	20
Rest Rooms	Yes	2
Scribes for examination	Yes	1
Any other similar facility	Yes	2

#### 7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	4	2	07/07/2018	1	EYE CAMP	Health Issues	350
2018	4	2	25/07/2018	1	AWARENESS OF CANCER	Health Issues	500

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

Title	Date of publication	Follow up(max 100 words)
Teaching	16/08/2018	1. Teachers must report in time to duty as per the working hours prescribed and should be available in the campus unless and otherwise they are assigned duties elsewhere. 2. Prior written permission should be obtained for reporting late in the morning or leaving early in the evening without detriment to their duties. 3. Teachers should sign the attendance register as well as register their attendance biometrically while reporting for duty.
non-teaching	16/08/2018	1. Non-Teaching staff working in the College office or departments should remain on Duty during College hours (9.30 a.m. to 4.30 p.m.). They should report for duty atleast 30 minutes in advance (9.00 a.m.) 2.

Non-Teaching staff should wear the Uniform provided by the Management. 3. Non-Teaching staff must always wear their identity badge during working hours. 4. Non-Teaching Staff assigned to Laboratories should keep the Labs clean.

students	12/06/2018	1. student should wear ID card when they are in college premises. 2. Mobile Phone is not allowed to the class.
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#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Yoga Day	21/06/2018	21/06/2018	200
Womens Day	08/03/2019	08/03/2019	500

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

1. Installation of ample number of Power Saving LED lights in Campus 2. Planting of plants trees (both perennial seasonal) inside the campus 3. Rain water tanks are constructed for harvesting rain water to prevent soil erosion and meet the water requirements partially. 4. Electronic goods are put to optimum use the minor repairs are set right by the staff and the Laboratory assistants and the major repairs, by the professional technicians, and are reused. 5. 200kW Solar roof top Power Plant 6. Complete ban on single plastic usage

### 7.2 – Best Practices

#### 7.2.1 – Describe at least two institutional best practices

The Unique Practices at URCET are: ? Work Study - a unique feature of the institution. ? Usha Rama Innovation and Incubation Center -URIIC-(SPECIAL TEAM) ? Industrial Visits, Case studies, Mini Projects and Modeling. ? Reasoning, Aptitude and soft-skills training through TREAT Program- Special Campus Placement Training. ? Self-study based on ICT through NPTEL. ? Psychological Counseling (1:20 ratio) where every student is counseled regularly about his academics, progress and future plans. ? Quality enhancement in engineering education through active industry relations and offerings like IBM Career Education Program, APSSDC, ORL Industries. ? The college conducts a 2-Day National level Technical and Cultural symposium "yoUR fest" every year in the month of January, in which the students from other colleges across the nation will participate in technical and cultural events. Every Department conducts events like Paper Presentation, technical quiz, poster presentation and project expo. • Engineer-ka-Mahasangram is a flag ship event of "yoUR fest" which carries a cash prize of 1 Lakh. ? The college conducts intra-mural sports meet every year to encourage overall development of students and staff. The winners are suitably rewarded on "Sports Day". ? The college every year organizes and celebrates Engineers Day and Teachers Day. ? Every day National Anthem is being played through campus PA System. ? The Campus has unique feature of 100 ft height National Flag.

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

<https://usharama.edu.in/home>

### 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

1. to imbibe technical and industry ready skills to the rural students, the college has MOU with IBM career Education and APSSDC. 2. to promote research and innovative thoughts the institute has self funded URIIC which is responsible for bringing out innovative projects.

Provide the weblink of the institution

[www.usharama.edu.in](http://www.usharama.edu.in)

### 8.Future Plans of Actions for Next Academic Year

1. To apply for 2(f) and 12(b) status of UGC. 2. To become permanently affiliated to the university JNTUK. 3. To achieve Autonomous status. 4. To encourage the faculty for obtaining funding projects and research labs. 5. To conduct seminars, symposium and conferences in all the disciplines at International level 6. Effective involvement of Alumni in various College Activities