

# ANNUAL QUALITY ASSURANCE REPORT (AQAR) 2017-18

Submitted to



**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)**

An Autonomous Institution of the University Grants Commission

P.O.Box No.1075, Nagarbhavi

Bangalore - 560 072

by



**SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN**

**(Autonomous)**

(Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada)

Vishnupur - Bhimavaram - 534 202

**SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN :: BHIMAVARAM  
(AUTONOMOUS)**

**PART – A**

**AQAR for the year**

2017 - 18

**1. Details of the Institution**

1.1 Name of the Institution

Shri Vishnu Engineering College for Women (Autonomous)

1.2 Address Line 1

Vishnupur

Address Line 2

Kovvada Village

City/Town

Bhimavaram

State

Andhra Pradesh

Pin Code

534202

Institution e-mail address

info@svecw.edu.in

Contact Nos.

08816-250864

Name of the Head of the Institution:

Dr. G Srinivasa Rao

Tel. No. with STD Code:

08816 - 250864

Mobile:

09666832284

Name of the IQAC Co-ordinator:

Dr. V V R Maheswara Rao

Mobile:

09949056525

IQAC e-mail address:

deansb@svecw.edu.in

1.3 NAAC Track ID (For ex. MHCOGN 18879)

APCOGN22801

**OR**

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.

This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

EC(SC)/07/A&A/02 dated 11-5-2015

1.5 Website address:

www.svecw.edu.in

Web-link of the AQAR:

<http://www.svecw.edu.in/docs/AQAR201718.pdf>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	A	3.09	2015	10-05-2020
2	2 <sup>nd</sup> Cycle	-	-	-	-
3	3 <sup>rd</sup> Cycle	-	-	-	-
4	4 <sup>th</sup> Cycle	-	-	-	-

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

16.12.2013

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011))

- i. AQAR 08/08/2016 (DD/MM/YYYY)  
 ii. AQAR 29/06/2017 (DD/MM/YYYY)  
 iii. AQAR 28/09/2018 (DD/MM/YYYY)  
 iv. AQAR - (DD/MM/YYYY)

1.9 Institutional Status

University State ☐ Central ☐ Deemed ☐ Private ☐

Affiliated College Yes ☒ No ☐

Constituent College Yes ☐ No ☒

Autonomous college of UGC Yes ☒ No ☐

Regulatory Agency approved Institution Yes ☒ No ☐

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education ☐ Men ☐ Women ☒

Urban ☐ Rural ☒ Tribal ☐

Financial Status Grant-in-aid ☐ UGC 2(f) ☒ UGC 12B ☒

Grant-in-aid + Self Financing ☐ Totally Self-financing ☒

1.10 Type of Faculty/Programme

Arts ☐ Science ☐ Commerce ☐ Law ☐ PEI (Phys Edu) ☐

TEI (Edu) ☐ Engineering ☒ Health Science ☐ Management ☒

Others (Specify)

1.11 Name of the Affiliating University (*for the Colleges*)

JAWAHARLAL NEHRU TECHNOLOGICAL  
UNIVERSITY KAKINADA, KAKINADA, A.P.

1.12 Special status conferred by Central/ State Government-- UGC/~~CSIR/DST/DBT/ICMR~~-etc

Autonomy by State/Central Govt. / University

UGC/University

University with Potential for Excellence

UGC-CPE

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

DST-FIST

Yes

UGC-Innovative PG programmes

Any other (*Specify*)

UGC-COP Programmes

## **2. IQAC Composition and Activities**

2.1 No. of Teachers

11

2.2 No. of Administrative/Technical staff

3

2.3 No. of students

4

2.4 No. of Management representatives

2

2.5 No. of Alumni

4

2.6 No. of any other stakeholder and  
community representatives

1

2.7 No. of Employers/ Industrialists

1

2.8 No. of other External Experts

1

2.9 Total No. of members

27

2.10 No. of IQAC meetings held

12

2.11 No. of meetings with various stakeholders: No.  Faculty

Non-Teaching Staff  Students  Alumni  Others

2.12 Has IQAC received any funding from UGC during the year? Yes No ☒

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos.  International  National  State  Institution Level ☒

(ii) Themes

1. The design of Curriculum and Evaluation Procedures for R18 Regulations.
2. Training on Pedagogy, "Training Teachers for Excellence".

2.14 Significant Activities and contributions made by IQAC

- Improved Research Project Outputs, Quality Publications, Quality M.Tech. Projects, Guiding Ph.D. Scholars.
- Increase the Research Infrastructure in each Department.
- Enhancing Academic Reputation, Quality of Intake, Learning Processes and Academic Results.
- Enhancing Employer reputation, more no.of MoUs, Internships and placements in the reputed companies.
- Imparting Societal Responsibilities for the students and faculty through technology.

## 2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year \*

Plan of Action	Achievements
Improved Research Project Outputs, Quality Publications, Quality M.Tech. Projects, Guiding Ph.D. Scholars.	<ul style="list-style-type: none"> <li>➤ The Incentives for the paper publication are reviewed and enhanced towards the encouragement of the faculty to publish quality research publication.</li> <li>➤ Inspire more number of faculty to register for Ph.D. programme</li> <li>➤ Encourage the Ph.D. registered faculty to complete and submit the thesis</li> <li>➤ Suggest the faculty to publish research papers in reputed and indexed journals.</li> <li>➤ Create awareness among the faculty to register in Research Gate, Google Scholar etc.</li> <li>➤ Recommended the faculty to attend industry visits to update the current technologies</li> <li>➤ Encourage the faculty towards academic excellence by holding the positions like BoS, Editors in journals, chairs for the sessions in conferences and various positions in the professional bodies.</li> </ul>
Increase the Research Infrastructure in the each Department.	<ul style="list-style-type: none"> <li>➤ It is decided to apply for Research Center in respect of EEE, ECE and CSE Departments.</li> <li>➤ Allocation of a separate budget for R &amp; D.</li> <li>➤ Providing required resources to carry-out the research.</li> <li>➤ Motivate the faculty to reach the next level in the R &amp; D</li> </ul>
Enhancing Academic Reputation, Quality of Intake, Learning Processes and Academic Results.	<ul style="list-style-type: none"> <li>➤ The curriculum of R18 Regulation is designed by considering the demands of Industry and current technologies.</li> <li>➤ Got Accredited by NBA for B.Tech. Programmes Civil Engineering, Mechanical Engineering and PG Programmes CSE, VLSI and Power Electronics.</li> <li>➤ Listed in MHRD NIRF : 150-200 Band.</li> <li>➤ Winner of IMC RBNQA for Academic Excellence.</li> <li>➤ Created awareness among the students on online courses like MOOCS, NPTEL etc.</li> <li>➤ To assess the learning processes IONCUDOS software is purchased and implementation is started.</li> <li>➤ To improve the basic programming skills among the students E-LAB is introduced.</li> <li>➤ To improve the teaching learning process, all the faculty members are directed to implement the VEDIC activities actively.</li> <li>➤ Implementation of Google Class Rooms is initiated.</li> </ul>

	<ul style="list-style-type: none"> <li>➤ Scientific Educational Practices and Deep Learning sessions are conducted wherein 2 or 3 faculty members should monitor the class to clear the doubts, tough subjects will be given the priority for deep learning.</li> <li>➤ Combined subject teaching, under this concept the faculty of Basic Science Department as well as the faculty of other respective departments together will take the class. The Basic Science faculty will teach the basics of subject and engineering faculty will explain the application of the same in their respective domains.</li> </ul>
Enhancing Employer reputation, more no.of MoUs, Internships and placements in the reputed companies.	<ul style="list-style-type: none"> <li>➤ To improve the programming skills among the students it is decided to conduct the “C Language Training” classes by internal senior faculty and additional training Program “C and Data Structures” by the industry experts from second year onwards.</li> <li>➤ Conducted more no.of hours of training.</li> <li>➤ MoU is signed with APSSDC and conducted more no.of workshops to improve the industry oriented skills to the students.</li> <li>➤ More no.of students are undergone in Industry Internship programme.</li> </ul>
Imparting Societal Responsibilities for the students and faculty through technology.	<ul style="list-style-type: none"> <li>➤ Water harvesting methods</li> <li>➤ e-waste management</li> <li>➤ Replacement of electrical appliances with electronic and energy efficient appliances</li> <li>➤ Renewal energy sources</li> <li>➤ Energy Audit Cell</li> <li>➤ Conducted eco—friendly and awareness programs on energy conservation by students</li> </ul>

*\* Attach the Academic Calendar of the year as Annexure.*

2.15 Whether the AQAR was placed in statutory body      Yes ☒      No ☐  
Management ☒      Syndicate ☐      Any other body ☐

Provide the details of the action taken

The AQAR was placed in Governing Body (GB) and approved. The following suggestions are made:

1. They advised more number of faculty members to impart the quality education by adopting Scientific Educational Practices.
2. Publish the research papers in referred Journals by faculty having Ph.D.s and Pursuing Ph.D.s



## Part – B

### Criterion – I

#### 1. Curricular Aspects

##### 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	-	-	-	-
PG	6	0	0	0
UG	6	0	0	0
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
<b>Total</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>
Interdisciplinary	0	0	0	0
Innovative	0	0	0	0

##### 1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options : All

##### (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	6 (PG) + 6 (UG) = 12
Trimester	-
Annual	-

##### 1.3 Feedback from stakeholders\* Alumni ☒ Parents ☒ Employers ☒ Students ☒ (On all aspects)

Mode of feedback : Online ☒ Manual ☒ Co-operating schools (for PEI) ☐

*\*Please provide an analysis of the feedback in the Annexure*

##### 1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Nil

##### 1.5 Any new Department/Centre introduced during the year. If yes, give details.

- Skill Development Centre
- Automotive / Vehicle Design Lab

## Criterion – II

### 2. Teaching, Learning and Evaluation

#### 2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
197	150	29	18	--

#### 2.2 No. of permanent faculty with Ph.D.

31
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#### 2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
150	0	29	0	18	0	0	0	197	0

#### 2.4 No. of Guest and Visiting faculty and Temporary faculty

-	02	-
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#### 2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	47	14	-
Presented papers	47	14	-
Resource Persons	2	10	-

#### 2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Practicing Scientific Educational Methodologies ( VEDIC)
- Student centric teaching methodology in the class by faculty
- ICT facilities used in the class by the faculty
- WISE Program (Women In Software Engineering)
- C & DS Program
- IoT Lab
- Guest Lectures
- National Level Competitions
- NPTEL Courses
- QEEE Classes
- Conducting tutorials
- Conducting course coordinators meetings regularly
- Conducting Workshops every Semester related to Core subjects
- Procurement of library books
- E-Library Facilities
- Quality of assignments and question papers
- Lesson plan verification by HOD
- Updating of attendance in automation System E-Cap
- Analysis and follow up action on internal exam of students

- Conducting Seminars & GDs
- Participation of students in sports & other hobby clubs
- Conducting counselling sessions periodically
- Professional Body activities
- Mentoring

**2.7 Total No. of actual teaching days during this academic year**

190

**2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)**

- Bar coding
- Single Valuation
- Re-Valuation
- Manual Multiple Choice Questions
- CC Camera surveillance in each room along with invigilator during external exams
- Monitoring external exams via Squad
- Display of consolidated Result, exam notices and schedules in examination portal [www.svecwexam.in](http://www.svecwexam.in) and circulation to the class rooms
- Faculty are remunerated for invigilation, valuation, Internal/external lab exams and project works etc.

**2.9 No. of faculty members involved in curriculum Restructuring / revision / syllabus development as member of Board of Study / Faculty / Curriculum Development workshop.**

19

32

14

**2.10 Average percentage of attendance of students**

86

**2.11 Course/Programme wise distribution of pass percentage :**

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I	II	III	Pass %
2014 admitted batch upto 4/1	663		208	276	63	82.50
2015 admitted batch upto 3/1	734		303	166	37	68.93
2016 admitted batch upto 2/1	735		302	180	52	72.65
2017 admitted batch upto 1/1	707		304	163	53	73.55

### **2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:**

IQAC monitors and evaluates the teaching and learning process with the help of various committees and coordinators like Department IQAC Coordinator, Examination Coordinator, Course Coordinators, Module Coordinators and Programme Coordinators etc.

The key points highlighting the vital role of IQAC for teaching and learning process are as follows:

IQAC monitors the Academic audit program and its finding in all the departments.

It motivates the faculty towards research activities and start working in the direction of patents.

The departments are encouraged to conduct guest lectures workshops to create awareness on research methodologies and patents among faculty.

The learning is made student centric by arranging regular and scheduled lectures on all subjects. Along with these guest lectures by subject experts from top institutes/ industry to facilitate enhanced learning to the students.

Each department identifies class in-charges for the course who looks after smooth run of classes. The class in-charge consolidates attendance (fortnight report, monthly and sem end report) to track students who are not regular and punctual to class.

The Institute conducts a counselling scheme, where 20 students are allotted for each counsellor, by providing counselling hours for resolving the students' problems relating to subject, and other difficulties faced by the students.

The institute is fully equipped with latest Information and Communication Tools like Wi-Fi Campus, Internet facility, Audio visual Aids for classroom teaching etc. The faculty members can use these modern teaching aids such as Power point etc during their lectures.

Moreover, the institute starts using customized software (ECAP) for integrated learning and communication for faculty, students and parents. The student and faculty members can exchange the teaching material through a common interface accessible to all the faculty and students. With this software, faculty members take attendance, which is accessible to students via their logins, for the self-monitoring of the students.

The institute follows its unique regular assessment system for the students. The assessment includes regular presentations, seminars, assignments and internal test of the students. This process helps to identify slow learning students.

The feedback is taken from the students on course taught by the faculty through online. The evaluation of feedback helps the faculty member in improving upon the teaching pedagogy.

English, Arithmetic's, Reasoning and C Programming are identified as core subjects at the preliminary level of CRT. So, Question bank has been prepared and distributed to students who are undergoing training for Placements.

For the optimum utilization of library resources, orientation sessions are conducted to students use library resources, books, journals, materials for GRE, GMAT etc.

While giving Assignments to students, the members of the faculty shall frame questions keeping in view the course outcomes. Also, the assignments are based on problem solving / application oriented according to the Blooms Taxonomy.

### 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	-
UGC – Faculty Improvement Programme	10
HRD programmes	4
Orientation programmes	-
Faculty exchange programme	-
Staff training conducted by the university	32
Staff training conducted by other institutions	42
Summer / Winter schools, Workshops, etc.	10
Others	-

### 2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	52	0	0	0
Technical Staff	36	0	0	0

## Criterion – III

### 3. Research, Consultancy and Extension

#### 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

As an initiative of IQAC, a research committee has been constituted in the college to guide and motivate the faculty members to carry out their research activities. The research committee meets regularly to discuss the latest trends in the research activities and steps to be taken to promote research activities in the Institution.

- Establishing MOUs with institution / organizations for training and Research & Development.
- A brain storming session is conducted by the Dean R & D with the senior faculty to identify the all possibilities in various funding agencies.

- The entire faculty advised to take the necessary directions from the Adjunct Professor, appointed specially for improvement of R & D activities.
- A committee is formatted to scrutinize and approve the research project proposals according to the format specified by the target funding agency.
- Allocation of a separate budget for R & D.
- Providing required resources to carry-out the research.
- Appointment of Adjunct professor (R&D) to strengthen the research activities
- Inviting eminent scientists from reputed organizations
- Provision to utilize matching grants, seed money, publication charges and other logistics
- Facilitate interdisciplinary research activities by sharing of specialized equipment, state-of-the-art research laboratories, libraries etc.
- Dissemination of research output through scientific publications and scientific presentations
- Implementation of uniform research policy including intellectual property rights, ethics, academic dishonesty and plagiarism.
- Awareness programme and training modules to increase the number of quality publications in Scopus and Web of Science indexed journals.
- Policy to utilize these incentives makes the faculty to attend International Conferences.
- Facilitate researchers to write joint and interdisciplinary proposals from public and private funding agencies.

### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	05	06	-	28
Outlay in Rs. Lakhs	171.65	195.75	-	1376.037

### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	-
Outlay in Rs. Lakhs	-	-	-	-

### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	74	-	-
Non-Peer Review Journals	-	-	-
e-Journals	74	-	-
Conference proceedings	37	10	-

### 3.5 Details on Impact factor of publications

Range 0.4 -1.1 Average 2 h-index 9 Nos. in SCOPUS 18

### 3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received 2017-18
Major projects	03	AICTE	21.76	11.76
Minor Projects	-	-	-	-
Interdisciplinary Projects	03	DST	53.86	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	03	College	2	1
Students research projects (other than compulsory by the University)	-	-	-	-
Any other(Specify)	-	-	-	-
Total			77.62	12.76

**3.7 No. of books published** i) With ISBN No.  Chapters in Edited Books

ii) Without ISBN No.

### 3.8 No. of University Departments receiving funds from

UGC-SAP  CAS  DST-FIST   
DPE  DBT Scheme/funds

### 3.9 For colleges

Autonomy  CPE   
INSPIRE  CE  DBT Star Scheme   
Any Other (specify)

### 3.10 Revenue generated through consultancy

### 3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	-	1	-	-	-
Sponsoring agencies	-	College	-	-	-

### 3.12 No. of faculty served as experts, chairpersons or resource persons

**3.13 No. of collaborations** International  National  Any other

**3.14 No. of linkages created during this year**

**3.15 Total budget for research for current year in lakhs :**

From Funding agency	173.98	From Management of University/College	14.8
Total	188.78		

**3.16 No. of patents received this year**

Type of Patent		Number
National	Applied	-
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

**3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year**

Total	International	National	State	University	Dist	College
-	-	-	-	-	-	-

**3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them**

4
11

**3.19 No. of Ph.D. awarded by faculty from the Institution**

-
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**3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)**

JRF	5	SRF	-	Project Fellows	-	Any other	6
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**3.21 No. of students Participated in NSS events:**

University level	50	State level	4
National level	2	International level	

**3.22 No. of students participated in NCC events:**

University level	-	State level	-
National level	-	International level	-



### 3.23 No. of Awards won in NSS:

University level	<input type="text"/>	State level	<input type="text"/>
National level	02	International level	<input type="text"/>

### 3.24 No. of Awards won in NCC:

University level	-	State level	-
National level	-	International level	-

### 3.25 No. of Extension activities organized

University forum	<input type="text"/>	College forum	50		
NCC	<input type="text"/>	NSS	10	Any other	Professional Bodies - 8

### 3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- International Yoga Day Celebrations
- Donated food in old age homes, orphanages.
- Blood donation camps
- Conducted a Special camp on Demonetization, Online money transfer and linking of Bank account with Aadhar
- Donated new clothes and blankets to poor and needy people.
- Organized Women's day celebrations.
- World Water day
- Energy awareness camp
- Water conservation
- Awareness on Road safety rules
- Swachh – Bharat Programme
- Protection of environment and eradicating of plastic usage

## Criterion – IV

### 4. Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	34851 sq.m	-	SVECW	34851 sq.m
Class rooms	60	-	SVECW	60
Laboratories	67	-	SVECW	67

Seminar Halls	05	-	SVECW	05
No. of important equipments purchased ( $\geq 1$ -0 lakh) during the current year.	57	30	SVECW	87
Value of the equipment purchased during the year (Rs. in Lakhs)	519.66	10.11	SVECW	529.78
Others	-	-	-	-

#### 4.2 Computerization of administration and library

- ECAP : Students attendance postage, Student performance analysis, Teaching Notes uploaded Timetables uploaded staff and students most of the information is available through this system
- BIOMETRIC SYSTEM: Monitoring staff attendance.
- PACT SOFTWARE: It provides all expenditure details.
- ADMINISTRATION INFRASTRUCTURE INCLUDES: Principal office, vice principle office, Controller of Examinations and Centre for placement and Training all are computerized.
- Library is fully automated and all the library transactions are done through ECAP software.
- A digital library having computers with Internet facility.
- Adequate no.of technical Journals, Magazines and e-journals are available.
- Books are tagged with RFID tags.
- Surveillance System through CC Cameras

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	55684	2,26,59,389	1545	772500	57229	23431889
Reference Books	8128	3251200	175	131,250	8303	3382450
e-Books	2200	3,56,500	-NA-		-NA-	
Journals	162	3,23,300	-NA-		-NA-	
e-Journals	6506	18,51,300	-NA-		-NA-	
Digital Database	LIBRARY DATABASE (ECAP)					
CD & Video	4000	8,50,300	-NA-		-NA-	
Others (specify)	-NA-					

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Other s
<b>Existing</b>	1007	26	Available	Labs	-----	10	25	09
<b>Added</b>	125	1	Available	Labs	-----	-----	1	-
<b>Total</b>	1162	27	Available	Labs	-----	10	26	09

#### 4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

- QEEE PROGRAMME: Audio systems (Mixer), Projector, Desktop system, Server, Web Camera, Head Phones are used for conducting this programme.
- Wi-Fi: Access is given to both the students and staff members.
- INTERNET: Access is given to both the students and staff members.
- SMART CLASS ROOMS: Each department has smart class rooms with LCD projector and internet access. Staff members use this facility to teach the students.
- CC CAMERAS: They are used in class rooms for monitoring the Examinations, Placed in administration office and some important places of the campus for monitoring the system
- DESKTOPS/LAPTOPS: All professors, Associate Professors and Assistant Professor are provided with either a desktop computer or laptop. This enables the faculty members to enhance their teaching and research.
- Wi-Fi Facility: All faculty members who have laptops are provided free Wi-Fi and INTERNET connectivity.
- SEMINAR HALLS: Facilitated with audio and video equipment along with LCD PROJECTORS and PC. All the departments use this facility for conducting workshops, guest lectures, training programmes etc.
- SKYPE: The experts lectures are offered through skype which enable the students acquire knowledge in latest trends.
- NETWORK FIRE WALL: Cyberoam is used for network security.
- TRAINING TO TEACHERS: Conducting workshops to enhance the knowledge in applying the academic software.
- ECAP : Every faculty member to uploads lecture material by using this facility.
- TRAINING TO STUDENTS: WISE Lab Facility is used to train the students in latest software technologies. English language laboratory is used to train the students in English language.

#### 4.6 Amount spent on maintenance in lakhs :

i) ICT	15.50
ii) Campus Infrastructure and facilities	27.61
iii) Equipments	56.92
iv) Others	92.05
<b>Total :</b>	<b>191.65</b>

### Criterion – V

#### 5. Student Support and Progression

##### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- IQAC incorporated student representatives as its members in an ancillary body with an intention to make them participate in transforming the institution as a centre of excellence. They are encouraged to come out with their views and suggestions for the enhancement of quality of the institution. Opinions, suggestions and feedback of the students are taken either to modify or initiate new student support schemes.
- IQAC provides information about various Student Support Services available at the institution through the college Hand Book, which is given to all the students. It is a compendium of all the activities of the campus.
- With regular interactions with students and Class Representatives by the HODs and Class in-chargers, the information pertaining to student support services available in the campus are shared.
- IQAC also conducts a general meeting with all the students and explains the student support services available in the campus.

##### 5.2 Efforts made by the institution for tracking the progression

- The institution monitors and ensures the achievements of the learning outcome through continuous assessment.
- Conducting of MID examinations, Analysis of the tests, Result evaluation of the End examinations, Pass percentage of students and Placements of the students are reviewed in the department level as well as in the CAC (College Academic Committee) Meeting and decides the course of action.
- Assignments are given by the faculty in each subject and these assignments are evaluated.
- Remedial classes are conducted for slow learners
- The institution strongly believes that regularity of the student to class work improve the student performance. To ensure this, attendance of the students is maintained through E-CAP System and regularly monitored by the HODs and Class- In-chargers.

- Information pertaining to the students' attendance is passed through SMS to the Parents, whose ward is absent to the class work. The shortage of attendance is informed through phone and letter at regular intervals.
- In the lab sessions, viva-voce is conducted at the end of each lab class to ascertain that the student has learnt some practical knowledge.

### 5.3 (a) Total Number of students

UG	PG	Ph.D.	Others
692	180	-	-

### (b) No. of students outside the state:

NIL

### c) No. of international students :

NIL

Men : NA

Women : NIL

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
453	83	02	244	-	872	469	95	07	223	-	794

Demand ratio: NA

Dropout %: 0.1 %

### 5.4 Details of student support mechanism for coaching for competitive examinations

Apart from regular academic pursuit, the institution gives prominence to make the students ready for competitive examinations.

- The college arranged guidance and coaching classes for GRE, GATE, TOEFL and other examinations through various forums and also the faculty members of the institution guide and assist the students for thorough understanding.
- Training is given to the aspirants of CIVIL services examinations. In this connection an MOU is made with VINEX IAS Academy to train the students.
- To facilitate the needs of the students, bridge course is conducted for the freshers at the entry level to teach the basics in computers and mathematics.
- To improve the communication skills of the students in English, the college regularly conducts competitions under language club 'e-swara', the voice of English
- Career Guidance and Placement Cell provides guidance and counselling to the students regarding higher studies and employment.
- Placement Cell conducts classes under Career Development programme and gives training for placement in various organizations. This comprehensive training would be helpful for the students to appear for any competitive examination

- The students are encouraged to exhibit their skills and talents through various academic clubs and the magazines published by the college.
- WISE Programme (Women in Software) is helpful to acquire programming skills in computers.

### 5.5 No. of students qualified in these examinations

NET – NA	SET/SLET – NA	GATE : 05	CAT : NIL
IAS/IPS etc: NIL	State PSC: NIL	UPSC: NIL	Others: NIL

### 5.6 Details of student counselling and career guidance

- The faculty members actively involve in the academic, personal, and psycho-social needs of the students by mentoring, counselling, and giving them various academic advises. The faculty maintains the counselling record of each student.
- Career Guidance and Placement Cell provide guidance and counselling to the students regarding higher studies and employment.
- The Placement Cell co-ordinates with Industries and Business organizations and organizes the Campus interviews. The deserving and merit students are selected and appointed.
- Orientation is given to students relating to Placement and Training at III B.Tech. I semester level
- Guest lectures and Seminars are conducted at frequent intervals with eminent personalities on Personality development, Aptitude, Soft skills, Career planning, Employability skills etc.
- Training is given in foreign languages like Spanish, German French and Japanese to enable the students face the Global challenges.
- Department level counselling and mentoring is done on a weekly basis for student support.
- Remedial classes are conducted to motivate and encourage the slow learners
- BEC (Business English certification) certificate course certified by Cambridge university is offered to students to make them excel in English communication.
- Talk with experts of Industry and Academicians are arranged to make the students aware of the present need of job market.
- ELAN 2016 was organised to develop team building capabilities.
- PAGE TURNERS – the book club conducted reading marathon to encourage reading.

## 5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
54	576	379	13

## 5.8 Details of gender sensitization programmes:

- Self-defence sessions for girls are arranged and enlightened about various methods of self-protection.
- **Grievance Appeal cell** attends to all the grievances related to girls in the campus and resolves them with immediate effect.
- **Sexual Harassment Eradication cell** trains students to combat against sexual harassment.
- Lectures and seminars relating to gender issues are arranged to educate the women staff members and students. And also to enlighten them about Govt. policies and procedures relating to women development.
- The Names and phone numbers of the members of the Grievance Appeal cell and sexual Harassment Eradication cell have been displayed to enable the students to register their complaints immediately.

## 5.9 Students Activities

### 5.9.1 No. of students participated in Sports, Games and other events:

State/ University level :- 75      National level : NIL      International level : NIL

### No. of students participated in cultural events:

State/ University level : NIL      National level :NIL      International level : NIL

### 5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level : 06      National level : NIL      International level : NIL  
Cultural: State/University level : NIL      National level :-NIL      International level : NIL

## 5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	46	9,04,650/-
Financial support from government	-	-
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

### 5.11 Student organized / initiatives:

**Fairs:** State/ University level : 03      National level : 04      International level : NIL

**Exhibition:** State/ University level : 03      National level : NIL      International level: NIL

### 5.12 No. of social initiatives undertaken by the students : 05

### 5.13 Major grievances of students (if any) redressed: NIL

## Criterion – VI

## 6. Governance, Leadership and Management

### 6.1 State the Vision and Mission of the institution

#### Vision

Transform the society through excellence in Education, Community empowerment and sustained Environmental protection.

#### Mission

- To achieve Academic excellence through innovative learning practices
- To instill self confidence among rural students by supplementing with co-curricular and extra-curricular activities
- To inculcate discipline and values among students
- To establish centers for Institute Industry partnership
- To extend financial assistance for the economically weaker sections
- To create self employment opportunities and skill up gradation
- To support environment friendly Green Practices
- Creating innovation hubs

### 6.2 Does the Institution has a management Information System

Yes

- E-CAP maintains the information related to students' personal details, professional details, internal marks, external marks, attendance etc.
- PACT is used for maintaining all purchase details.

### 6.3 Quality improvement strategies adopted by the institution for each of the following:

#### 6.3.1 Curriculum Development

- Boards of Studies meetings are conducted frequently to frame/revise the Syllabus.
- Appointing industry personnel and alumni as members of Boards of Studies.
- Receiving feedback from the employers and alumni on existing curriculum and improvement and innovation required.
- Involving academicians from various reputed institutes along with the internal faculty in the design and development of curriculum.

#### 6.3.2 Teaching and Learning

The following are the measures adopted by the SVECW for enhancement of Teaching and Learning process:

- Scientific Educational Practices (VEDIC)



- Micro-level Lesson Plan with Check List
- Embedded Co-curricular calendar
- Examination Schedules
- Orientation / Motivation Classes
- Printed materials like Note books, lab manuals, handouts etc.
- Smart class rooms with ICT Facilities
- QEEE Classes
- NPTEL Materials
- Different sets of quality assignments
- Co-curricular and Extra-curricular activities
- Feedback on faculty by students
- Conduct of workshops, technical symposiums etc.
- Encouragement to attend workshops, technical symposiums etc.
- Professional bodies
- Various Students Clubs
- Industrial & construction site visits
- Internships
- MoUs
- Library
- Tutorials
- Remedial Classes
- Midterm Exams
- Attendance Tracking Information System
- Guest Lectures
- Counselling and Mentoring

### **6.3 Examination and Evaluation**

- Setting of semester end theory question papers by the external subject experts.
- Conduct of examinations as per the academic calendar.
- Award of internal marks based on continuation evaluation.
- Detailed scheme of evaluation for the question paper for valuation is being prepared by internal faculty members.
- Evaluation of semester end examination answer scripts by external subject experts under the supervision of chief-valuer.

#### **6.3.4 Research and Development**

- Creation of Dean R&D post for encouraging and monitoring the research activities of faculty and students.
- Formation of R&D committee to scrutinize and approve the research project proposals.
- Appointed one senior adjunct professor to inculcate the R&D culture.
- Allocation of a separate budget for in-house R&D.
- Encouraging faculty to register for Ph.D. by giving leave and financial assistance.
- Encouraging faculty for guiding research scholars.
- Providing financial assistance to faculty for presentation of research papers, attending conferences, workshops, etc.
- Motivating the faculty and students by conducting workshops, seminars, and arranging guest lectures with experts from industrial and R&D organizations.
- Encouraging the students to do research oriented projects.
- Providing the required resources like journals, internet, digital learning materials, PCs, software, etc. to carryout research.

- Establishing various centers of excellence to enhance the research activities.
- Conducting awareness programs by experts from funding agencies such as DST.

### **6.3.5 Library, ICT and physical infrastructure / instrumentation**

#### **Library**

- Procuring the prescribed and reference text books as suggested by the subject experts and HODs.
- Subscribing to print journals, e-journals of reputed publishers.
- Providing access to e-books and e-learning resources through digital library.
- NPTEL (National Programme on Technology Enhanced Learning – A joint venture of IITs and IISc) web courses and video courses are being used by staff and students to enhance their skills

#### **ICT**

- Installing computer system, LCD projector and public address system in all the seminar halls and e-class rooms.
- Providing internet connectivity to all the class rooms and seminar halls.
- Making the campus Wi-Fi enabled.
- Providing internet and intranet facility with sufficient 50MB bandwidth.

#### **Infrastructure**

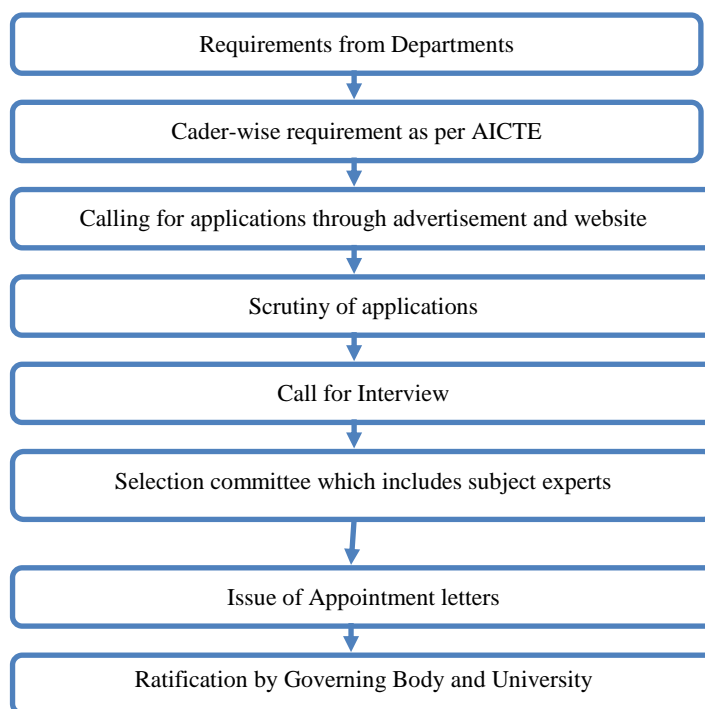
- Providing required class rooms, tutorials, seminar halls with good academic ambience.
- Providing required number of laboratories with the state-of-the-art facilities.
- Providing required computational facilities with sufficient number of computer and peripherals.
- Establishing various centers of excellence
- Providing the various amenities such as canteen, indoor and outdoor game facilities, gym centres, medical centre, hostels, food courts, rest rooms, driving school, and transport.

### **6.3.6 Human Resource Management**

- Annual assessment of faculty is done through Faculty Self Appraisal Performa (SAP) for Professors, Associate Professors and Assistant Professors
- Induction training is conducted for new faculty members
- Support and guidance is given for carrying research activities, presenting papers in conferences and publishing papers in reputed journals
- Faculty are motivated to send research proposals to various funding agencies
- Faculty members are encouraged to apply for higher studies
- Faculty members are encouraged to participate in FDPs, Seminars and Workshops Organized by various Industries and Institutions

### **6.3.7 Faculty and Staff recruitment**

Whenever there are vacancies, advertisements are made through newspapers and the recruitment is done through college staff selection committee as per the rules and regulations. After that, the selected candidates are ratified by the university.



### 6.3.8 Industry Interaction / Collaboration

- Industry Interaction is integrated for all courses
- MOUs are signed with local industries for mutual benefit with the exchange of expertise
- Guest lectures are being conducted for faculty and students with industrial experts
- Students are deputed to industry for internship.

### 6.3.9 Admission of Students

70% of the admissions are done by the Convener, EAMCET, Govt. of Andhra Pradesh. Remaining 30% of the seats are filled by the Management based on the guidelines given by Govt. of Andhra Pradesh.

### 6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none"> <li>➤ EPF facility.</li> <li>➤ Insurance cover for Health under Mediclaim</li> <li>➤ 12 Casual Leaves</li> <li>➤ 12 Sick leaves</li> <li>➤ 5 Earned Leaves</li> <li>➤ Maternity leave: 60 days for two times in career with full pay for 1<sup>st</sup> time and half pay for 2<sup>nd</sup> time.</li> <li>➤ Sabbatical leave to undertake study or research or other academic pursuits solely for the objective of increasing their proficiency and usefulness to the institution on higher education system.</li> <li>➤ Extra Ordinary Leave on Loss of pay</li> <li>➤ Rs.500 /- gift on Birth Day / Marriage Day and an optional Holiday</li> </ul>
Non-teaching	<ul style="list-style-type: none"> <li>➤ EPF facility.</li> <li>➤ Insurance cover for Health under Mediclaim</li> </ul>

	<ul style="list-style-type: none"> <li>➤ 12 Casual Leaves</li> <li>➤ 12 Sick leaves</li> <li>➤ 30 Earned Leaves</li> <li>➤ Maternity leave: 60 days for two times in career with full pay for 1st time and half pay for 2nd time.</li> <li>➤ Sabbatical leave to undertake study or research or other academic pursuits solely for the objective of increasing their proficiency and usefulness to the institution on higher education system.</li> <li>➤ Extra Ordinary Leave on Loss of pay</li> <li>➤ Rs.500 /- gift on Birth Day / Marriage Day and an Optional Holiday</li> </ul>
Students	<ul style="list-style-type: none"> <li>➤ Offering scholarships by the College Management to poor &amp; merit students to encourage them and to reduce their financial burden.</li> <li>➤ Sponsoring gold medals to the toppers of all branches on the names of renowned (late) persons of the society to encourage competitive spirit among the students by Management.</li> <li>➤ Students Group personal accidental Insurance of 1 Lakh</li> <li>➤ College has a tie up with Bhimavaram Hospitals for emergency medical needs</li> <li>➤ Dispensary in college campus to look after the medical needs.</li> </ul>

#### 6.5 Total corpus fund generated

0

#### 6.6 Whether annual financial audit has been done

Yes



No

☐

#### 6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	-	Yes	SVECW
Administrative	No	-	Yes	SVECW

#### 6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes

Yes



No

☐

For PG Programmes

Yes



No

☐

#### 6.9 What efforts are made by the University / Autonomous College for Examination Reforms?

- End Examination question paper setters are from University Colleges/NIT/IIT Faculty.
- Examiners for end examinations are from other University Colleges Faculty.
- Evaluation process involves coding & decoding of answer scripts.

- Physical Verification, Recounting and Revaluation of answer Scripts is provided to the students.

#### **6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?**

University has nominated its representatives and the subject experts on Boards of Studies and Academic Council to promote and implement autonomy in respect of the following:

- To develop the curriculum, prepare the academic regulations and conduct of internal and semester end examinations.
- To issue marks memos of each semester with SGPA and CGPA with college emblem and seal.
- To prepare academic and examination schedules.

#### **6.11 Activities and support from the Alumni Association**

- Online portal is developed for improved interaction
- Alumni meets are conducted periodically
- Alumni interacts with the present students to motivate and guide
- Alumni also help in placement activity

#### **6.12 Activities and support from the Parent – Teacher Association**

- Parent teacher meetings are being conducted to identify the issues related to students.
- Feedback from parents is collected in the prescribed format, analyzed and used for further development.

#### **6.13 Development programmes for support staff**

Supporting staff are sponsored to attend continuous education programs and to improve their qualification.

#### **6.14 Initiatives taken by the institution to make the campus eco-friendly**

- The College campus is made green with a number of trees
- A number of lawns are equipped with water sprinklers
- Plants in pots spreading over all departments
- College maintaining a nursery with saplings
- Eco-park is arranged in the campus
- Bio- manure is prepared in the campus using bio – waste provided out of trees and plants
- Alternate energy, STPs, underground drainage system
- Eco-friendly Students club is formed
- **Energy conservation**  
SVES has been chosen as the Best Consumer of APEPDCL in West Godavari District for use of alternative energy resources as well as prompt in our payments. The Certificate of Appreciation was received from the District Collector on the occasion of Republic Day Celebrations.
- **Use of renewable energy**
  - Energy Park with solar street lights, water heaters and home lighting system is established in the campus.
  - The Solar plant consists of 800 photovoltaic modules, each designed with a generation capacity of 250Wp. The project, costing Rs. 2.07 crore, received Rs. 70 lakh subsidy from the Jawaharlal Nehru National Solar Mission from the Ministry of New and Renewable Energies.
  - The plant would generate 3 lakh units every year while the average monthly power consumption by the group of five colleges and a high school stood at 24,000kWh.
  - Won 1st prize from NRES (Silver Plate) for Energy Auditing in Vishnu Dental College in 2010.

➤ **Water harvesting**

To minimize water shortage and to maximize available water usage, Rainwater Harvesting System has been set up.

➤ **Efforts for Carbon neutrality**

- The college has a specific parking zones which assures a pollution-free environment.
- Plantation of trees has been increased to absorb CO<sub>2</sub> emitted in the atmosphere and to provide an effective screen in covering carbon inflow.
- Students are motivated to use bi-cycle.

➤ **Plantation**

The greenery of the campus is taken care of by a qualified horticulturist throughout the year. A contingent of team of gardeners works under his guidance for regular maintenance of all flora and fauna in the institution. Well laid lawns enhance the glow of lush green carpets reared in various corners of the institution. Drip irrigation across the lawns keeps the greenery alive even during tropical times.

➤ **Hazardous waste management**

To remove the contaminants from wastewater including household sewage and runoff (effluents), a 200 KLD **Sewage Treatment Plant** (STP) is setup in the campus itself. Its objective is to produce an environmentally safe fluid waste stream (or treated effluent) and a solid waste (or treated sludge) suitable for disposal or reuse (usually as farm fertilizer).

➤ **e-waste management**

If the computers and its accessories are not in a working condition, they will be immediately repaired and reused again in the computer lab. If their life- time is over, the Management arranges to sell them as scrap materials.

## **Criterion – VII**

### **7. Innovations and Best Practices**

#### **7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.**

- Internet Of Things (IOT) Lab is established.
- Scientific Educational Practices are initiated for active learning among the student community
- Online Certificate Verification System is introduced to facilitate expeditious verification of students' certificates.
- Strengthening the Alumni relation by introducing the Online Portal
- To maintain Faculty profiles for easy and quick access, Faculty Dashboard is developed.
- Replacement of electrical appliances with electronic appliances to save the energy
- Energy audit cell is formed to perform energy audit at regular intervals
- Improved Water harvesting methods and e-waste management are strengthened
- Faculty members are encouraged to visits the industry in their domain to update latest technological skills
- Awareness programs are planned to encourage the faculty to submit more research proposals to funding agencies
- One more professional Body i.e., IE Chapter is introduced

## 7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- IQAC planned the objectives 2017-18 and its progress was monitored through review committee from all departments. In monthly meetings of IQAC the progress is discussed and correction was done appropriately whenever it was required.

## 7.3 Give two Best Practices of the institution (please see the format in the NAAC Self-study Manuals)

- Practicing latest technologies Internet Of Things (IOT) Lab is established
- Imparting Societal Responsibility for the Students through Assistive Technology
- Inculcating the Spirit of Research among Faculty and Students for a Progressive Technological Elevation.

*\*Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

## 7.4 Contribution to environmental awareness / protection

- Conducting environmental awareness through Eco club of the college.
- “Swachh Bharat” program was conducted in the campus.
- World Water day program was conducted in the campus.
- Plantation programme has been taken up by the NSS unit for increasing the Green Cover in the campus and surrounding villages.
- To minimize the wastage of water resources and to improve the water table, the rain water is led into the pond located in the campus.
- The institute restricted the usage of plastic bags in the campus.
- Installation of 200 KWp Grid-Tied Solar power panels
- Set-up of Sewage Treatment Plant

## 7.5 Whether environmental audit was conducted?

Yes ☒

No ☐

## 7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

The SWOT analysis of the institute has been done and the respective results are highlighted as follows:

### Strengths:

- Empowering women hailing from the surrounding rural background through professional education and thereby uplifting their families.
- Strong and dedicated placement team.
- The Vishnu Educational Development and Innovation Centre (VEDIC) is a residential campus with modern amenities, where our faculty members, staff, students, and other experts work in a collaborative environment.
- Facilitating students with fully residential ambience.
- The institute is handling R& D projects sponsored by DST, AICTE, MSME etc.
- The campus is self-contained with high quality facilities like -
  - a. Academics
    - i. Class rooms are provided with AC, Audio Visual facilities and collection of books
    - ii. Spacious and well equipped laboratories as per current syllabi.
  - b. Facilities

- i. Well established Library with 54185 volumes of books, 1380 Journal Back Volumes, 4000 CDs, and 250 audio cassettes
  - ii. Wi-Fi enabled campus with 50 Mbps Internet connectivity dedicated 1:1 connection ratio including hostel.
  - iii. Backup Power supply (732 KVA)
- c. Amenities
  - iv. Dr. B.V Raju Knowledge Center for providing hands on experience to the nearby government high school students.
  - v. Well established sports fields for football, basketball, Cricket and field and track events.
  - vi. Air conditioned indoor stadium
  - vii. Open air auditorium
  - viii. Separate Fitness Centers for students & staff
- The institute established **Assistive Technologies Lab** in collaboration with University of Massachusetts – Lowell – USA
- The institute established a campus **Community Radio Vishnu 90.4 through** which social awareness programmes are conducted by the students and faculty of SVECW.
- Vishnu TV academy, a **novel visual arts center** established by the management and utilized by the faculty and students of SVECW by developing innovative programs
- The Basic Sciences Department of the institute conducts **foreign language courses** in **German, French, Spanish & Japanese.**
- The institute has established student centric activities like:
  - Soft-skills training.
  - Professional Student Chapters like ISTE, IEEE, IETE & CSI, IE.
  - Student Counseling & Customization
  - On-line student feedback
  - Coaching for GRE, TOEFL & GATE
- Insurance facility for both students and faculty is provided.
- The pro-active and supporting management is the highest strength of the institute

#### **Weaknesses:**

- Interaction with industries is relatively low ( The operations for Industry Institute Interaction is presently taking care by Entrepreneurship)
- Departmental recognized Research Centers to be established.

#### **Opportunities:**

- Students from rural background with inadequate quality ( Bridge Courses are being conducted to bring equity of standards among all students to overcome the locational disadvantage )
- Setting up of R&D Center for Core and Interdisciplinary Research in thrust areas
- Sending faculty under QIP for upgradation of their qualification with full sponsorship.
- Establishment of Industry Institute Interaction Cell (I-I-I-C) for strengthening links with core & hardware industries for R&D activities.
- Creating testing, calibration and certification facility to improve internal revenue.
- High end and modern equipment with new hardware & software to be procured.
- Establishing a finishing school by industry experts to conduct Certificate Courses to make graduates industry-ready.
- Providing financial assistance for faculty to start in-house R&D and to attend international conferences and workshops conducted abroad
- To increase the alumni contribution in institute development and planning.
- Unique incentive / reward schemes and fast track promotions with increments for faculty to improve retention.

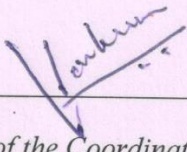
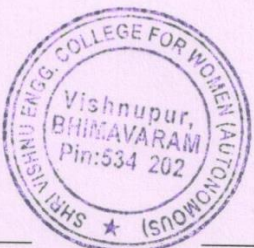



**Threats:**

- Low quality of entry level students, due to localized admissions, because of rapid geographical spread of engineering colleges in the state. (Quality of entry level students more focused through Remedial Classes which results in improving the standards of poor learners)
- Faculty attrition rate is high due to mushrooming number of engineering colleges.
- Due to increase in number of Deemed Universities, meritorious students may prefer them.
- Proposed Centers of Foreign Universities in India.( MOU's with Foreign Universities strengthen our opportunities to strive better for greater progress)
- Girl students' preference to higher education is less in rural area.

**8. Plans of institution for next year**

- More placements in Core Sector and Product based Companies.
- Plan to start Innovation Lab
- Apply for NBA Accreditation under Tier – I for UG Programmes
- Improving the overall social betterment for the women in nearby villages by exchanging knowledge / awareness programs.
- More Focus on industrial training to the students and faculty through VEDIC.

<p>Name     <b>Dr. V V R Maheswara Rao</b></p> <p></p> <p>_____ Signature of the Coordinator, IQAC</p>		<p></p> <p>Name     <b>Dr. G Srinivasa Rao</b> <b>PRINCIPAL</b> Shri Vishnu Engg. College for Women (Autonomous) Vishnupur, Bhimavaram-534 202</p> <p>_____ Signature of the Chairperson, IQAC</p>
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**Annexure I**

**Abbreviations:**

APEPDCL	-	Andhra Pradesh Eastern Power Distribution Company Limited
BEC	-	Business English Certificate
CAC	-	College Academic Committee
CGPA	-	Cumulative Grade Point Average
EPF	-	Employees Provident Fund
FDP	-	Faculty Development Program
GD	-	Group Discussions
HOD	-	Head of the Department
ICT	-	Information and Communication Technology
IUCEE	-	Indo US Collaboration for Engineering Education
JKC	-	Jawahar Knowledge Center
MOU	-	Memorandum of Understanding
NA	-	Not Applicable
NPTEL	-	National Programme on Technology Enhanced Learning
NSS	-	National Service Scheme
PC	-	Personal Computer
QEEE	-	Quality Enhancement in Engineering Education
R & D	-	Research & Development
SAP	-	Self Appraisal Performa
SEP	-	Scientific Educational Practices
SGPA	-	Sessional Grade Point Average
SMS	-	Short Message Service
STP	-	Sewage Treatment Plant
SVECW	-	Shri Vishnu Engineering College for Women
SVES	-	Sri Vishnu Educational Society
TEQIP	-	Technical Education Quality Improvement Programme
VEDIC	-	Vishnu Educational Development and Innovation Center
WISE	-	Women In Software Engineering

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## Academic Calendar of 2017 – 2018 :: I B.Tech


**SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN:: BHIMAVARAM  
(AUTONOMOUS)**

Ref. No. SVECW/AS/ACD/ /2017

Date: 20.06.2017.

**ACADEMIC CALENDAR FOR I B.TECH - I & II SEMESTER**

The Proposed Academic Calendar for I B.Tech -I &amp; II Semester for the Academic Year 2017-18

<b>I B.Tech. I Semester (2017 Admitted Batch)</b>			
<b>Description</b>	<b>From</b>	<b>To</b>	<b>Duration (Weeks)</b>
<b>Commencement of Class Work</b>	<b>03.07.2017</b>		
<b>Orientation</b>	<b>03.07.2017</b>	<b>08.07.2017</b>	<b>1W</b>
<b>I Unit of Instructions</b>	<b>10.07.2017</b>	<b>26.08. 2017</b>	<b>7W</b>
<b>I Mid Examinations</b>	<b>28.08. 2017</b>	<b>04.09. 2017</b>	<b>1W</b>
<b>II Unit of Instructions</b>	<b>05.09. 2017</b>	<b>28.10. 2017</b>	<b>8W</b>
<b>II Mid Examinations</b>	<b>30.10. 2017</b>	<b>04.11. 2017</b>	<b>1W</b>
<b>Preparation &amp; Practical Examinations</b>	<b>06.11. 2017</b>	<b>11.11. 2017</b>	<b>1W</b>
<b>End Examinations</b>	<b>13.11. 2017</b>	<b>25.11. 2017</b>	<b>2W</b>
<b>Semester Break</b>	<b>27.11.2017</b>	<b>02.12.2017</b>	<b>1W</b>
<b>I B.Tech. II Semester (2017 Admitted Batch)</b>			
<b>Description</b>	<b>From</b>	<b>To</b>	<b>Duration (Weeks)</b>
<b>Commencement of Class Work</b>	<b>04.12.2017</b>		
<b>I Unit of Instructions</b>	<b>04.12.2017</b>	<b>27.01. 2018</b>	<b>8W</b>
<b>I Mid Examinations</b>	<b>29.01. 2018</b>	<b>03.02. 2018</b>	<b>1W</b>
<b>II Unit of Instructions</b>	<b>05.02. 2018</b>	<b>31.03. 2018</b>	<b>8W</b>
<b>II Mid Examinations</b>	<b>02.04. 2018</b>	<b>09.04. 2018</b>	<b>1W</b>
<b>Preparation &amp; Practical Examinations</b>	<b>10.04. 2018</b>	<b>13.04. 2018</b>	<b>1W</b>
<b>End Examinations</b>	<b>16.04. 2018</b>	<b>28.04. 2018</b>	<b>2W</b>
<b>Commencement of II B.Tech I Semester Class work</b>		<b>11.06.2018</b>	

Sd/-  
PRINCIPAL

To : All Notice Boards  
: All HODs with a request to follow the above schedules and also inform to all the staff

Copy to: Director (Admn.), SVES for favour of information  
" : Principal Office, SVECW  
" : Controller of Examinations, SVECW  
" : I B.Tech In Charge, SVECW  
" : Warden, Canteen I/C & Security officer-SVES

## Academic Calendar of 2017 – 2018 :: II B.Tech.

Ref. No. SVECW/AS/ACD/ /2017

Date: 10.04.2017.

**PROPOSED ACADEMIC CALENDAR FOR II B.TECH - I & II SEMESTER**

The Proposed Academic Calendar for II B.Tech -I & II Semester for the Academic Year 2017-18

<b>II B.Tech. I Semester (2016 Admitted Batch)</b>			
<b>Description</b>	<b>From</b>	<b>To</b>	<b>Duration (Weeks)</b>
Commencement of Class Work	12.06.2017		
I Unit of Instructions	12.06.2017	05.08. 2017	8W
I Mid Examinations	07.08. 2017	12.08. 2017	1W
II Unit of Instructions	16.08. 2017	10.10. 2017	8W
II Mid Examinations	11.10. 2017	17.10. 2017	1W
Practical Examinations	20.10. 2017	28.10. 2017	1W
End Examinations	30.10. 2017	11.11. 2017	2W
Semester Break	13.11.2017	18.11.2017	1W
<b>II B.Tech. II Semester (2016 Admitted Batch)</b>			
<b>Description</b>	<b>From</b>	<b>To</b>	<b>Duration (Weeks)</b>
Commencement of Class Work	20.11.2017		
I Unit of Instructions	20.11.2017	20.01. 2018	8W
I Mid Examinations	22.01. 2018	29.01. 2018	1W
II Unit of Instructions	30.01. 2018	24.03. 2018	8W
II Mid Examinations	26.03. 2018	02.04. 2018	1W
Practical Examinations	03.04. 2018	07.04. 2018	1W
End Examinations	09.04. 2018	20.04. 2018	2W
Commencement of III B.Tech I Semester Class Work		11.06.2018	

Sd/-  
PRINCIPAL

To : All Notice Boards  
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Copy to: Director (Admn.), SVES for favour of information  
" : Principal Office, SVECW  
" : Controller of Examinations, SVECW



**SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN:: BHIMAVARAM  
(AUTONOMOUS)**

Ref. No. SVECW/AS/ACD/ /2017

Date: 10.04.2017.

**PROPOSED ACADEMIC CALENDAR FOR III B.TECH - I & II SEMESTER**

Academic Calendar for III B.Tech -I & II Semester for the Academic Year 2017-18

<b>III B.Tech. I Semester (2015 Admitted Batch)</b>			
<b>Description</b>	<b>From</b>	<b>To</b>	<b>Duration (Weeks)</b>
Commencement of Class Work	12.06.2017		
I Unit of Instructions	12.06.2017	03.08. 2017	8W
I Mid Examinations	04.08. 2017	12.08. 2017	1W
II Unit of Instructions	16.08. 2017	07.10. 2017	8W
II Mid Examinations	09.10. 2017	17.10. 2017	1W
Practical Examinations	20.10. 2017	27.10. 2017	1W
End Examinations	28.10. 2017	13.11. 2017	2W
Semester Break	14.11.2017	18.11.2017	1W
<b>III B.Tech. II Semester (2015 Admitted Batch)</b>			
<b>Description</b>	<b>From</b>	<b>To</b>	<b>Duration (Weeks)</b>
Commencement of Class Work	20.11.2017		
I Unit of Instructions	20.11.2017	17.01. 2018	8W
I Mid Examinations	18.01. 2018	27.01. 2018	1W
II Unit of Instructions	29.01. 2018	21.03. 2018	8W
II Mid Examinations	22.03. 2018	31.03. 2018	1W
Practical Examinations	02.04. 2018	04.04. 2018	1W
End Examinations	06.04. 2018	23.04. 2018	2W
Commencement of IV B.Tech I Semester Class Work		11.06.2018	

Sd/-  
PRINCIPAL

To : All Notice Boards  
: All HODs with a request to follow the above schedules and also inform to all the staff  
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" : Controller of Examinations, SVECW

**Academic Calendar of 2017 – 2018:: IV B.Tech.**



**SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN:: BHIMAVARAM  
(AUTONOMOUS)**

Ref. No. SVECW/AS/ACD/ /2017

Date: 10.04.2017.

**PROPOSED ACADEMIC CALENDAR FOR IV B.TECH - I & II SEMESTER**

Academic Calendar for IV B.Tech -I & II Semester for the Academic Year 2017-18

IV B.Tech. I Semester (2014 Admitted Batch)			
Description	From	To	Duration (Weeks)
Commencement of Class Work	12.06.2017		
I Unit of Instructions	12.06.2017	04.08. 2017	8W
I Mid Examinations	05.08. 2017	12.08. 2017	1W
II Unit of Instructions	16.08. 2017	09.10. 2017	8W
II Mid Examinations	10.10. 2017	17.10. 2017	1W
Practical Examinations	20.10. 2017	28.10. 2017	1W
End Examinations	30.10. 2017	13.11. 2017	2W
Semester Break	14.11.2017	18.11.2017	1W
IV B.Tech. II Semester (2014 Admitted Batch)			
Description	From	To	Duration (Weeks)
Commencement of Class Work	20.11.2017		
I Unit of Instructions	20.11.2017	20.01. 2018	8W
I Mid Examinations	22.01. 2018	24.01. 2018	3D
II Unit of Instructions	25.01. 2018	21.03. 2018	8W
II Mid Examinations	22.03. 2018	24.03. 2018	3D
Practical Examinations	26.03. 2018	31.03. 2018	1W
End Examinations	02.04. 2018	06.04. 2018	1W

Sd/-  
PRINCIPAL

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" : Controller of Examinations, SVECW

## Academic Calendar of 2017 – 2018:: I M.Tech.



### SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN:: BHIMAVARAM (AUTONOMOUS)

Ref. No. SVECW/AS/ACD/ /2017

Date: 18-09-2017

#### ACADEMIC CALENDAR FOR M.TECH I & II SEMESTERS (2017 Batch)

The Academic Calendar for M.Tech I & II Sem (2017 admitted batch) for the Academic Year 2017-18 is detailed below

I M.Tech I Semester			
Description	From	To	Weeks
Commencement of class work	25.09.2017		
I Unit of Instructions	25.09.2017	18.11.2017	8W
I Mid Examinations	20.11.2017	25.11.2017	1W
II Unit of Instructions	27.11.2017	20.01.2018	8W
II Mid Examinations	22.01.2018	29.01.2018	1W
Preparation & Practicals	30.01.2018	03.02.2018	1W
End Examinations	05.02.2018	17.02.2018	2W
Semester Break	19.02.2018	24.02.2018	2W

I M.Tech II Semester			
Description	From	To	Weeks
Commencement of class work	26.02.2018		
I Unit of Instructions	26.02.2018	21.04.2018	8W
I Mid Examinations	23.04.2018	28.04.2018	1W
Summer Vacation	30.04.2018	02.06.2018	5W
II Unit of Instructions	04.06.2018	28.07.2018	8W
II Mid Examinations	30.07.2018	04.08.2018	1W
Preparation & Practicals	06.08.2018	11.08.2018	1W
End Examinations	13.08.2018	25.08.2018	2W
Commencement of Project Work	27.08.2018		

Sd/-  
PRINCIPAL

To : All HODs with a request to follow the above schedules and also inform to all the staff  
Copy to : Director (Admn.) SVES for favor of information  
" : Principal Office, SVECW.  
" : Controller of Examinations, SVECW  
" : Warden, Canteen I/C & Security officer-SVES





**SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN:: BHIMAVARAM  
(AUTONOMOUS)**

Date: 20-06-2017

**ACADEMIC CALENDAR FOR M.TECH III & IV SEMESTERS (2016 Batch)**

The Academic Calendar for M.Tech III & IV Sem (2016 admitted batch) for the Academic Year 2017-18 is detailed below

II M.Tech III & IV Semester			
Description	From	To	Weeks
Commencement of Project work	17.07.2017		
III Semester	17.07.2017	16.12.2017	22W
IV Semester	18.12.2017	19.05.2018	22W
Thesis Submission Duration	21.05.2018	11.08.2018	12W

Sd/-  
PRINCIPAL

To : All HODs with a request to follow the above schedules and also inform to all the staff  
Copy to : Director (Admn.) SVES for favor of information  
" : Principal Office, SVECW.  
" : Controller of Examinations, SVECW



## Academic Calendar of 2017 – 2018:: I MBA



### SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN:: BHIMAVARAM (AUTONOMOUS)

Ref. No. SVECW/AS/ACD/ /2017

Date: 26.07.2017

#### ACADEMIC CALENDAR FOR MBA I & II SEMESTERS (2017 Batch)

The Academic Calendar for MBA I Year - I & II Semesters (2017 admitted batch) for the Academic Year 2017-18 is detailed below

MBA I Year I Semester (2017 Admitted Batch)			
DESCRIPTION	From	To	Weeks
Registration	31-07-2017		
Commencement of class work	31-07-2017	-	
I Unit of Instructions	31-07-2017	20-09-2017	8W
I Mid Examinations	21-09-2017	27-09-2017	1W
II Unit of Instructions	28-09-2017	23-11-2017	8W
II Mid Examinations	24-11-2017	30-11-2017	1W
Preparation	02-12-2017	09-12-2017	1W
End Examinations	11-12-2017	23-12-2017	2W
Commencement of Class Work for II Semester	26-12-2017	-	

MBA I Year II Semester (2017 Admitted Batch)			
DESCRIPTION	From	To	Weeks
Registration	26-12-2017		
Commencement of class work	26-12-2017	-	
I Unit of Instructions	26-12-2017	17-02-2018	8W
I Mid Examinations	19-02-2018	24-02-2018	1W
II Unit of Instructions	26-02-2018	21-04-2018	8W
II Mid Examinations	23-04-2018	28-04-2018	1W
Preparation	30-04-2018	05-05-2018	1W
End Examinations	07-05-2018	19-05-2018	2W
Commencement of Project Work	21-05-2018	30-06-2018	6W
Commencement of Class Work for III Semester	02-07-2018		

Sd/-

PRINCIPAL

To : HOD MBA with a request to follow the above schedules and also inform to all the staff  
Copy to : Director (Admn.) SVES for favor of information  
" : Principal Office, SVECW.  
" : Controller of Examinations, SVECW  
" : Warden, Canteen I/C & Security officer-SVES

## Academic Calendar of 2017 – 2018:: II MBA



### SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN:: BHIMAVARAM (AUTONOMOUS)

#### ACADEMIC CALENDAR FOR M.B.A III SEMESTER :: 2017-18

MBA III Semester (2016 Admitted Batch)			Duration (Weeks)
Description	From	To	
Registration	10.07.2017		
Commencement of class work	10.07.2017		
I Unit of Instructions	10.07.2017	01.09.2017	8W
I Mid Examinations	04.09.2017	11.09.2017	1W
II Unit of instructions	12.09.2017	06.11.2017	8W
II Mid Examinations	07.11.2017	14.11.2017	1W
Preparation	15.11.2017	18.11.2017	1W
End Examinations	20.11.2017	04.12.2017	2W
Commencement of IV Semester for the AY 2017-18	05.12.2017		

Sd/-  
PRINCIPAL

To : HOD MBA with a request to follow the above schedules and also inform to all the staff

Copy to : Director (Admn.) SVES for favor of information

" : Principal Office, SVECW.

" : Controller of Examinations, SVECW

## Feedback :: Parents

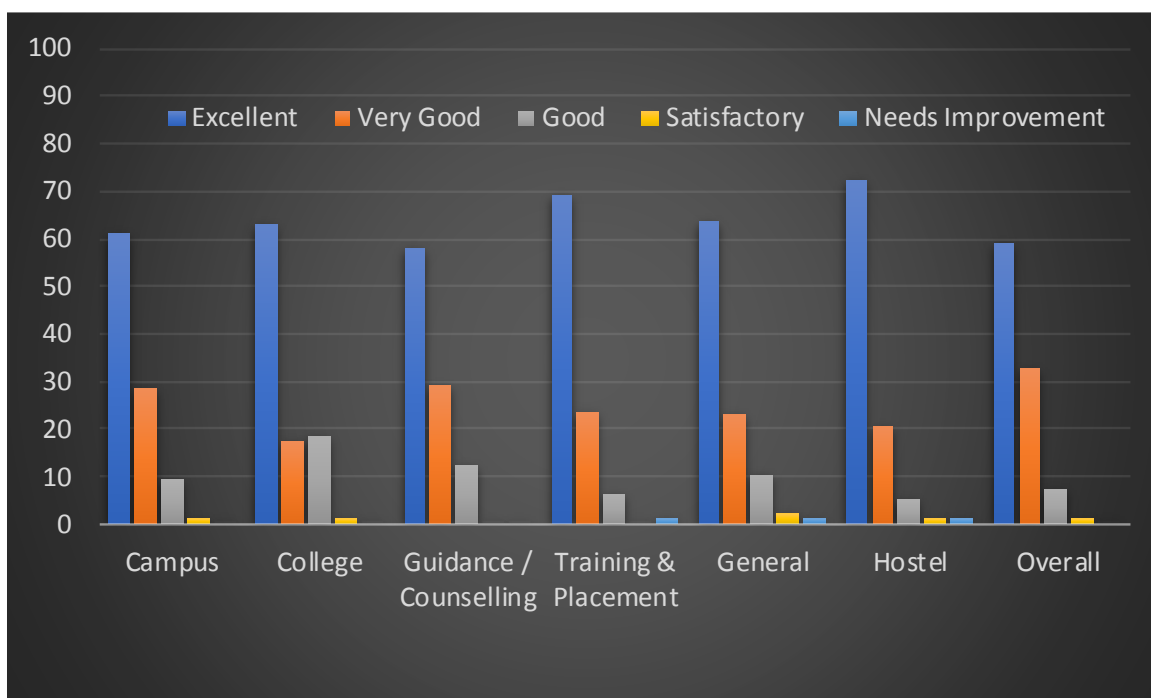
Put a Tick (✓) mark in the appropriate grade (5 point scale)

ITEM (వివరము)	Excellent (అత్యుత్తమము)	Very Good (చాలా బాగుంది)	Good (బాగుంది)	Satisfactory (సంతృప్తికరం)	Needs Improvement (ఇంకా అభివృద్ధి చరచవలెను)
<b>A. CAMPUS (ప్రాంగణము)</b>					
1. Environment (కాలేజి ఆవరణం)	✓				
2. Security (భద్రత)		✓			
3. Dept. Store (డిపార్ట్మెంటల్ స్టోర్)		✓			
4. Electricity Supply (విద్యుత్ సరఫరా)		✓			
5. Water Supply (నీటి సరఫరా)		✓			
6. Medical Facility (వైద్య సదుపాయము)		✓			
7. Bank (బ్యాంకు)		✓			
8. Post Office (తపాలా కార్యాలయము)		✓			
<b>B. COLLEGE (కళాశాల)</b>					
1. Infrastructure (మౌలిక వసతులు)		✓			
2. Coverage of Syllabus (పాఠ్యాంశ బోధన)		✓			
3. Conduct of Experiments (ప్రయోగ నిర్వహణ)		✓			
4. Faculty (ఉపాధ్యాయ సిబ్బంది)			✓		
5. Quality of Teaching (బోధనా నాణ్యత)			✓		
6. Library (గ్రంథాలయము)					✓
7. Development/Growth (అభివృద్ధి/వృద్ధి)					
8. End Exams. (పరీక్షలు)					
9. Internal Tests (అంతర్గత పరీక్షలు)			✓		
10. Project (ప్రాజెక్టు)					
11. Games (ఆటలు)			✓		
<b>C. GUIDANCE/COUNSELLING (సలహా/సూచనలు)</b>					
1. Counselling Scheme (వ్యక్తిగత సలహాలు)	✓				
2. Progress Reports (ప్రగతి వార్తలు)			✓		
3. Interaction with parents (తల్లిదండ్రులతో ముఖాముఖి)			✓		
<b>D. TRAINING &amp; PLACEMENTS (శిక్షణ &amp; ఉపాధి)</b>					
1. Personality Development (వ్యక్తిత్వ వికాసము)	✓				
2. Special Courses/coaching (ప్రత్యేక పాఠ్యాంశాలు/శిక్షణ)	✓				
3. Placements (నియామకాలు)	✓				
4. Study Hours (ప్రత్యేక తరగతులు)	✓	✓			
<b>E. GENERAL (ఇతరములు)</b>					
1. Discipline (క్షమశిక్షణ)		✓			
2. Earn While Learn Scheme (చదువుతూనే ఉపాధి చొరబెట్టే కార్యక్రమము)	✓				
3. Seminars etc. (సదస్సులు)					
4. Functions (పంక్తులు)		✓			
5. Involvement of students (విద్యార్థుల లీనత)		✓			
<b>F. HOSTEL (వసతి గృహము)</b>					
1. Accommodation (వివాస సదుపాయము)	✓				✓
2. Food (భోజనము)	✓				✓
3. Facilities (వసతులు/సదుపాయములు)		✓			✓
<b>G. OVERALL APPRAISAL OF THE COLLEGE (కళాశాలపై మీ సమగ్ర అభిప్రాయము)</b>					
			✓		
<b>H. Any other suggestions (ఇతర సలహాలు)</b>					
More library books to be given Hostel facilities to be developed and to be repaired					

## SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN :: BHIMAVARAM

### PARENT FEEDBACK ANALYSIS

Academic Year :: 2017-18



Feedback Related to	Excellent	Very Good	Good	Satisfactory	Needs Improvement
Campus	61.15	28.4	9.4	1.05	0
College	63.19	17.37	18.4	1.04	0
Guidance / Counselling	58.1	29.3	12.6	0	0
Training & Placement	69.26	23.44	6.3	0	1
General	63.4	23.15	10.3	2.1	1.05
Hostel	72.29	20.4	5.21	1	1.1
Overall	59.27	32.62	7.06	1.05	0



## **TWO BEST PRACTICES:**

### **BEST PRACTICE-1**

**1. Title of the Practice:** Vishnu Educational Development and Innovation Centre (VEDIC)

**2. Objectives of the Practice :** Vision, Mission & Objectives of VEDIC are :

#### **a) Vision Statement**

The Vishnu Educational Development and Innovation Centre (VEDIC) is a place where our faculty members, staff, students, and other experts work in a collaborative environment to create rich, engaged learning and teaching experiences.

#### **b) Mission Statement**

The Vishnu Educational Development and Innovation Centre (VEDIC) have been set up for development of faculty and students for the requirements of FUTURE. With the current scenario of transformation from teaching to learning, faculty and students have to understand innovative scientific education practice and educational psychology and behavioural science. In the exclusive residential campus of VEDIC, faculty and students undergo interactive and activity based training programmes on these areas. Projects are also on for building up of educational software for content development and delivery. Research work is on identified thrust areas of education. This center is unique in a private funded education institution for the benefit of more than 1200 faculty and 20000 students. With the participation of experts from India and abroad, VEDIC will be emerging as a Center of Excellence in the years to come.

#### **c) Objectives**

- Conduct training sessions on innovative educational practices both for students and faculty members
- Conduct training sessions on holistic development of students
- Conduct training sessions on emotional intelligences
- Conduct training sessions on building leadership qualities
- Conduct colloquium, conferences and seminars to improve the quality of educational practices
- Conduct educational research, technical research studies and experimentation.
- To build educational software's and digital resources
- Create course materials to accelerate the learning quality of students

### **3. The Context**

VEDIC is a residential Faculty Learning Centre, where a lot of training happens for teaching, Non teaching faculty and students. VEDIC was started with a vision to 'Mentoring the Mentors' with all international training facilities. It was inaugurated by our beloved Chairman, Sri K.V.Vishnu Raju on 17th April, 2016 and started functioning from 28th April. Dr Srinivasan Sundrarajan, Retd. Director, NIIT, Trichi, is our Director and Dr. Rajeev Sukumaran, Sr. Advisor, Teaching and Learning Centre, IIT Madras, is our Senior Advisor. We have a team of highly qualified professionals to train the students and faculties.

VEDIC is located at aziz nagar, hyderabad and it has an air-conditioned 125-seating capacity auditorium with all amenities, a 45 seating capacity interactive studio, lush green lawn, a dining and a kitchen, 14 furnished, air-conditioned, double room accommodation, 2 suite rooms with 3 star facilities, a library, a discussion room, a playground and an indoor sports room with all sports equipments with a Physical Director and a trainer. We have recreational activities like TT, volleyball,

skating, walking, jogging, yoga, etc., to initiate physical and health activities at this center. Along with training our minds, physical fitness and healthy eating practices are also initiated here.



#### **4. The Practice**

The main motto of VEDIC is to strengthen each institution under Sri Vishnu Educational Society. Its aim is to provide various training programs like orientation / workshops / meetings / colloquiums / Conclave etc to improve the skill-set of both students & employees of the group. In this direction, VEDIC focuses on following major areas:

##### **A. TEACHING & LEARNING**

- Implementation of activity-based learning
- Content development for various complex subjects
- Implementation of e-Learning practices
- Usage of e-Lab Tool
- Curriculum design, Board of Studies(BoS),and Academic Audit
- Feedback from students and necessary follow up

##### **B. STUDENT ORIENTATION & ACADEMIC MANAGEMENT**

- Establishment of Faculty-Student Development Center.
- Mentoring practices & Follow-up
- Handling of Difficult Subjects
- Identification of academically weak students and conducting tutorials, remedial classes
- Special Counseling Practice (Follow-up of VEDIC trained students)
- Handling of lateral entry students
- Conducting Orientation Programs
- Interaction with parents

##### **C. PLACEMENT, INTERNSHIP & INDUSTRY INTERACTION**

##### **D. PUBLICATIONS, RESEARCH, PhD, & PATENTS**

VEDIC initiated and organized following training programs for students, supporting staff and teaching staff during 2016-17

SNO	Name of the Course	Participants
1	Pedagogic and Personal Effectiveness	Teaching Faculty
2	Art of Writing Research Project Proposal	
3	Learning & Leading	
4	Cultivating Research Mind Set	
5	Theories in Learning & Curricula Design	
6	Scientific Educational Practices(SEP)	
7	SEP Train the Trainer	
8	e-Lab Initiatives	
9	Optimization Techniques	
10	Workshop on Simulation Techniques	
11	Google Class Room Training	
12	Google Classroom Train the Trainer	
13	Learning Resource Creation: Engineering Mechanics	
14	Learning Resource Creation: Mathematics I & II	
15	Learning Resource Creation : CSE/IT Common Subjects	
16	Supply Chain Management	
17	Instructional Design Strategies for NAAC Accreditation	
18	Training & Placement Officers Conclave	Placement Associates
19	Ethical & Cultural Diversity	Supporting Staff
20	Intellectual Learning for Engineering Applications ( ILEA) or Intellectual Learning for Management Studies ( ILMS)	Students

## 5. Evidence of Success

VEDIC started in the academic year 2016-17 to enrich teaching staff, supporting staff and students with its different training programs. In 2017-18, different programs initiated in this direction. Each program is planned with suitable audience by preparing their mindset towards a happy learning in a comfortable environment. Participants are very positive after training program about their learning outcomes are willing adopt their new learning in their day to day life. VEDIC conducted its annual meet in the name of “VEDIC Conclave – 2018” to review the progress and to set action plan for next academic year.

**d) Glimpses of VEDIC training programs**







## BEST PRACTICE-2

### 1. Title of the Practice:

Andhra Pradesh State Skill Development Corporation (APSSDC)

### 2. Objectives of the Practice

The primary objective of APSSDC (Andhra Pradesh Skill Development Corporation) is to deliver a structured, sustainable & scalable framework to impart state of the art skills to the unemployed, underemployed, uncertified and un-benchmarked, address the lack of relevant skills amongst the current and potential Skill workforce in the state of A.P and to increase employability in sync with Industrial growth of the State.

### 3. The Context

APSSDC is a unique organization formed as a public private partnership (PPP) corporation to promote skill-development & entrepreneurship in the state of Andhra Pradesh. The Corporation now serves as the Executive Agency for the newly formed Department of Skill Development, Entrepreneurship and Innovation. APSSDC will also serve the important task of providing high quality skilled manpower as part of the acknowledge and

Skills Mission of Govt AP, which is one of the cross-cutting missions among the seven missions formed by the govt to facilitate double digit growth of the state.

With the due consideration of the above objectives, Shri Vishnu Engineering College for women is identified as one of the few Skill Development Centres in the newly formed state of Andhra Pradesh in the year 2014. The college has established the centre equipped with 60 sophisticated computer systems with 24 X 7 internet connectivity which will be open throughout the week so as the facilitate the students Learning environment.



#### 4. The Practice

The main motto of APSSDC in SVECW is to provide various certification programs through CourseEra, Udacity with nominal fee to improve the skill-set of students. In this direction, the following programs are conducted in SVECW under APSSDC.

S.No.	Name of the program	Date	Academic Year	Targetted Participants	No.of Participants
1	MOBILE APP DEVELOPMENT	05/01/2015 TO 19/01/2015	2014-2015	III CSE & IT	35
2	PROJECT SKILLS FOR IV B.TECH	5/2/2015 TO 4/4/2015	2014-2015	IV CSE & IT	150
3	JOB GUARANTEE PROGRAM FOR IV B.TECH	1/5/2015 TO 30/9/2015	2014-2015	IV CSE & IT	6
4	ENGINEERING PROJECTS IN COMMUNITY SERVICE:WORLD YOUTH SKILL DAY	15-07-15	2015-2016	III & IV CSE & IT	30
5	FACULTY DEVELOPMENT PROGRAM ON PROJECT SKILLS	14/10/2015 TO 12/12/2015	2015-2016	CSE AND IT FACULTY	11
6	PROJECT SKILLS FOR IV B.TECH	1/11/2016 TO 31/3/2017	2015-2016	IV CSE & IT	210

7	GOOGLE ANDROID DEVELOPMENT FUNDAMENTAL	6/9/2016 TO 10/9/2016	2016-2017	IT FACULTY	1
8	PROJECT SKILLS FOR IV B.TECH	1/11/2016 TO 31/3/2017	2016-2017	IV IT STUDENTS	79
9	PYTHO FOR EVERYBODY-COURSE-ERA CERTIFICATION PROGRAM	26/04/18 TO 1/5/18	2017-2018	III CSE / IT	30
10	APPLIED DATA SCIENCES COURSE-ERA CERTIFICATION PROGRAM	26/6/18 TO 1/7/2018	2018-2019	IV I.T	30
11	PYTHON FOR EVERYBODY-COURSE-ERA CERTIFICATION PROGRAM	13/08/18 TO 31/8/18	2018-2019	III CSE / ECE	60

## 5. Evidence of Success

APSSDC started in the academic year 2014-15 to enrich the students with its different training programs. It offered the training programs on the various technologies like Mobile development, web development, python, data sciences and project skill. Each program is planned with suitable audience by preparing their mindset towards a happy learning in a comfortable environment.

After getting training on the specific course, all the participants needs to complete their assignments and tests in order to get the certificates. Some of the students got placed after getting training in Job guarantee program.

### Certificate for Project Skill Program



**Andhra Pradesh State  
Skill Development Corporation**

#### TO WHOM IT MAY CONCERN

This is to certify that **Mr./Ms. Annam Reddy Divya Kala Sree**, bearing **Student ID: 12B01A0508**, B.Tech/MCA in the Department of **Computer Science and Engineering** in **Shri Vishnu Engineering College For Women** affiliated to **JNTU Kakinada**, has successfully completed his/her project work on project entitled "**Online software for training and placement cell**" during the training period **14<sup>th</sup> December 2015 to 31<sup>st</sup> March 2016** under

## Certificate for FDP on Advanced Web technologies

